

## Introduction

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This is your American Standard Quick Reference Handbook, published in January, 2006.

This handbook was created to provide one **easy-to-use source for generalized information** pertaining to 1 ton through 25 ton American Standard products. However, it should **not** be used to replace the comprehensive American Standard Product Data Catalogs. Product Data Catalogs contain critical and pertinent data not found in this handbook.

This handbook **does not** contain data such as ARI system ratings, performance tables, etc... If you require this information, you should **always refer to the most current American Standard Product Data Catalog**.

**Effective immediately, this handbook will be published semi-annually.** Tentative print dates are set for **July, 2006 and again in January, 2007**. We will attempt to maintain a ready supply of these printed catalogs in our distribution warehouse, and you can reorder as often as you wish. The Publication Number is shown on the back cover of this handbook. Reprints made between January 2006 and June 2006 will not include any new/revised information. This information will only become available in the July 2006 edition.

This handbook will, however, be updated quarterly on **DealerNet™ and AmstdNet™**. If you do not have access, please consult with your American Standard distributor. This electronic information will subsequently be the most current information available.

If you find information that needs to be corrected/updated or added, please send your recommendations directly to:

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Thank you for the opportunity to provide you with an updated American Standard handbook.



# Heating and Air Conditioning Products

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This publication is for general reference information only and is not intended for systems equipment / combination selections.

Products listed in this book are not always carried in factory/distributor inventory, nor are all products available through all distribution channels. Consult your Distributor for availability and shipping information.

Since American Standard has a policy of continuous product improvement, it reserves the right to change design and specification without notice.



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For complete equipment / combination selections and installation instructions, please refer to Product Data and/or Installers Guides.



# Heating and Air Conditioning Products

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# Heating and Air Conditioning Products

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### Allegiance/Heritage Condensing Units

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15  
4 A 7 A 2 0 2 4 A 1 0 0 0 A A

**Refrigerant Type**  
2 = R-22  
4 = 410A

**American Standard**

**Outdoor Product Type**  
Split Cooling – 7A, 7B, 7C  
Split Heating – 6H, 6C

**Efficiency**  
0 = 10 SEER  
1 = 11 SEER  
2 = 12 SEER  
4 = 14 SEER

**Primary Capacity**  
Example: 024 = 24 MBTUH = 2 Tons

**Major Design Modification**

**Voltage/Power Supply**  
1 = 200–230 Volts 1 Phase or 208–230 Volts 1 Phase  
3 = 200–230 Volts 3 Phase or 208–230 Volts 3 Phase  
4 = 460 Volts 3 Phase

**Secondary Functions**

**Minor Design Modifications**

**Product/Service/Parts**

### Commercial Condensing Units Cooling and Heat Pump

1 2 3 4 5 6 7 8 9 10 11 12  
T T A 0 9 0 A 3 0 0 C 0

**Product Type**  
TTA = Split Cooling TWA = Split Heat Pump

**Nominal Gross Cooling Capacity (MBh)**  
**Cooling**  
090 = 7 1/2 Tons  
120 = 10 Tons  
150 = 12 1/2 Tons  
180 = 15 Tons  
240 = 20 Tons  
**Heat Pump**  
090 = 7 1/2 Tons  
120 = 10 Tons  
180 = 15 Tons  
240 = 20 Tons

**Compressor**  
A = Single Compressor C = Dual Manifoldd  
B = Dual Compressor

**Electrical Characteristics**  
3 = 208 - 230/3/60 4 = 460/3/60

**Factory-Installed Options**  
00 = Packed Stock, No Options  
OS = Epoxy Coil  
OR = ReliaTel™\*  
OT = ReliaTel™, w/Epoxy Coil\*

**Minor Design Sequence**

**Service Digit**

\*TTA only.

### Accessories

1 2 3 4 5 6 7 8 9 10 11  
A Y E C O N 0 0 1 A A

**Denotes Accessories (AY, ASY, BAY, TAY)**

**Accessories Type, Example:**

ASCT = Anti-Cycle Timer	KSKT = Start Accessory Kit
BARM = Barometric Relief	LEG = Snow Legs
BASE = Subbase	LOAM = Low Ambient
BRZQ = Coupling Kit Adaptors	LPKT = L.P. Kit
CCHT = Crankcase Heater	NXKT = NOx Rod Accessory Kit
CLE = Coil Enclosures	PANL = Panel
CURB = Roof Curb	PLNM = Plenum
DMPR = Damper	PLUS = Add-on Heat Pump
DNFLW = Downflow Conversion Kit	REFLN = Refrigerant Lines
EGON = Economizer	RLAY = Relay
ENTH = Enthalpy Control	SENS = Sensor
FLTR = Filter	STAT = Thermostat
GARD = Coil Guard	TBKT = Thru Base Utility Kit
GRLE = Return Air Grill	TEST = Test Accessory
HALT = High Altitude Kit	TFMR = Transformer
HGBP = Hot Gas Bypass Control	TWIN = Twinning Kits
HSMT = High Static Motor	TXVA = Cooling — Bleed/Non Bleed Kits
HTRA = Electric Heater	TXVH = Heat Pump Non Bleed Kits
(Digit 7 Is Used To Differentiate The Products Accessory It's Used With)	WAR = Warranty
	WATR = Hydronic Heat Coils
	2STG = 2 Stage Gas

ISLT = Isolator

**Major Design Sequence**  
Numbers Are Sequentially Assigned Except For Electric Heaters. On Electric Heaters Digit 8 Is Used To Identify Voltage And Digit 9 And 10 Are Used To Identify Capacity In KW's.

**Minor Design Sequence**  
Accessory To Unit Match-up (When Required)

**Service Digit** (When Required)

### Air Handlers - Residential

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15  
4 T E E 3 F 3 6 A 1 0 0 0 A A

**Refrigerant Type**  
4 = 410A  
2 = R-22

**Application**  
TE = Fully Convertible  
TG = Semi Convertible  
TF = Front Return

**Product Family**  
E = Leadership - Variable Speed  
P = Leadership  
C = Replacement/Retail  
B = Basic

**Flow Control**  
3 = TXV–Non-bleed

**Feature Identifier**  
F = Air-Tite  
D = Integrated iFD Filter  
C = Communications

**Nominal Capacity in 000's of BTU's**

**Major Design Modifications**

**Power Supply**  
1 = Single Phase

**Electrical Connection**  
0 = Pig Tails  
B = Circuit Breaker  
D = Pull Disconnect

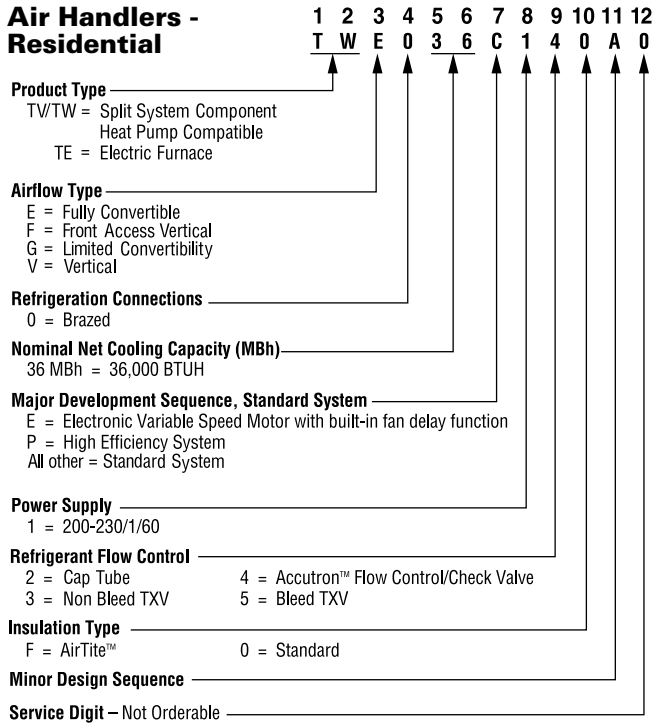
**Future Option - Factory Installed Heater Nominal KW Value**

**Minor Design Modifications**

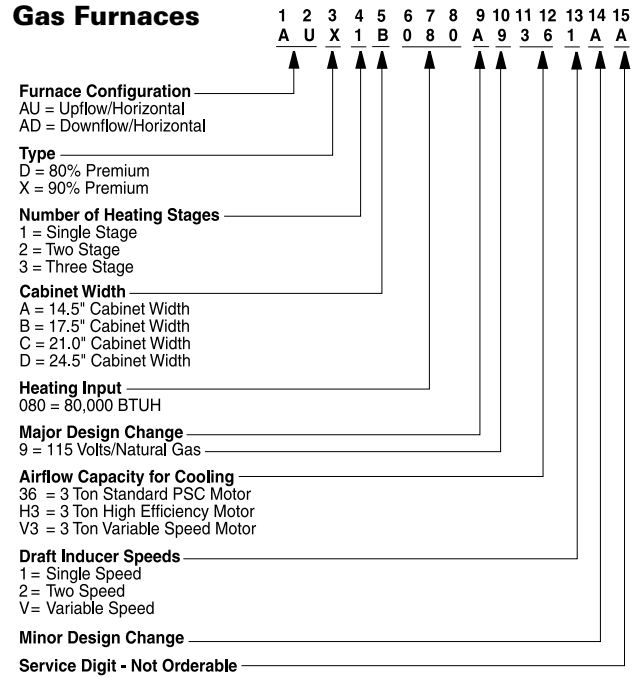
**Unit Parts Identifier**

NOTE: There will be a phase-in of new model numbers for new air handlers over next 2 years.

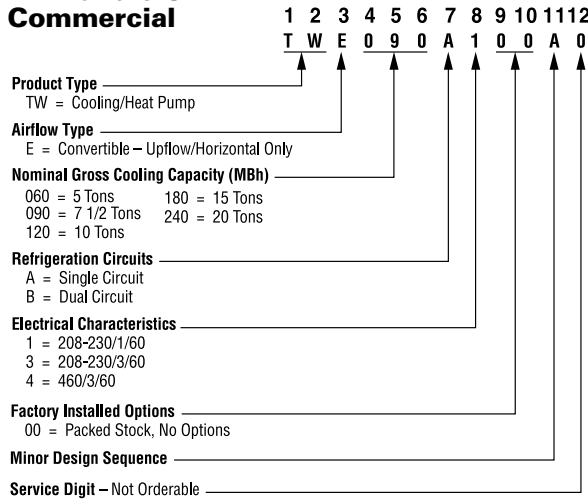
## Air Handlers - Residential



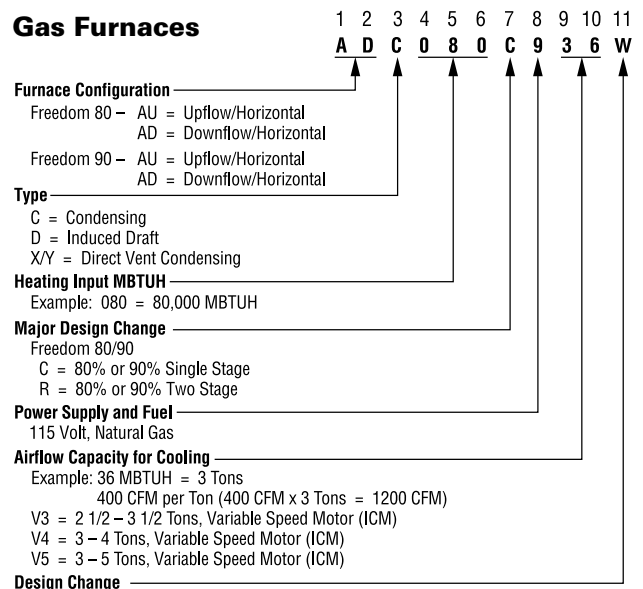
## Gas Furnaces



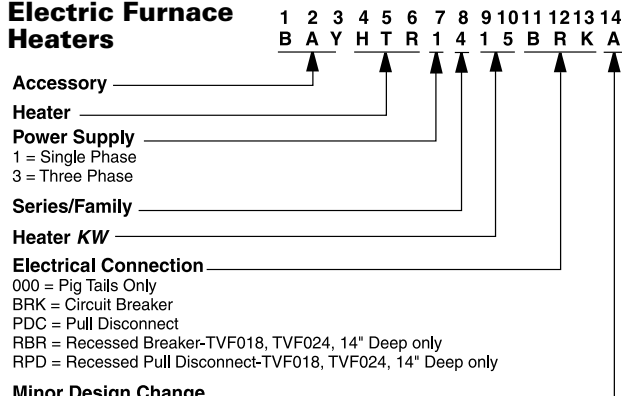
## Air Handlers - Commercial



## Gas Furnaces



## Air Handler/ Electric Furnace Heaters



For complete equipment / combination selections and installation instructions, please refer to Product Data and/or Installers Guides.

**Oil Furnace**

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15  
 A H V 1 M 0 8 7 A 9 3 6 S A A

Brand  
 American Standard

Furnace Configuration  
 HV = High Boy Vertical Flue  
 LF = Low Boy Front Flue (vertical)  
 LR = Low Boy Rear Flue  
 DF = Downflow/Horizontal Front Flue

Heating Stages

Cabinet Width  
 M = 22 1/4"

Heating Output MBTUH  
 087 = 87,000 BTUH

Major Design Change

Power Supply  
 1 = 115 v/1 ph/60hz

Airflow Capacity for Cooling  
 Example: 36 = 3 Tons  
 400 CFM/Ton  
 400 x 3 Tons = 1200 CFM

Efficiency  
 S = 80% + AFUE

Major Design Change

Service Digit

**Oil Furnace Accessories**

1 2 3 4 5 6 7 8 9 10 11 12 13 14  
 B A Y S U B 1 0 1 B A S E A

Subbase for Downflow Applications

1 2 3 4 5 6 7 8 9 10 11 12 13 14  
 B A Y T R M 1 0 A V E N T A

Trim Kit for Highboy, horizontal right venting

**Furnace Coils**

1 2 3 4 5 6 7 8 9 10 11 12  
 T X C 0 2 4 C 4 H P C 0

Refrigerant Type  
 T = R-22  
 R = R410A  
 C = Cooling only

Furnace Coils  
 XA = Uncased "A" Coil Upflow/Downflow  
 XC = Cased Coil Upflow/Downflow/Horizontal  
 XH = Cased Horizontal Only  
 CB = Cased/Brazed Upflow - Cooling Only  
 UB = Uncased/Brazed Upflow - Cooling Only

Coupling  
 0 = Braze

Nominal Capacity  
 Nominal Capacity in 000's of BTU's

Product Family  
 C = Universal  
 S = High Efficiency - Non-Bleed TXV  
 E = High Efficiency - Bleed TXV  
 A = Upflow Only  
 D = Reverse Airflow

Refrigerant Control  
 2 = Cap Tube  
 3 = Non Bleed TXV  
 4 = Accutron™ Flow Control/Check Valve (FCCV)  
 5 = Bleed TXV

HP = Heat Pump  
 00 = Cooling only (7 1/2 to 10 ton)

Minor Design Change

Service Digit - Not Orderable

**Heat Pump/ Cooling Coils**

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15  
 2 T X C B 0 3 6 A C 3 H C A A

Refrigerant Type  
 2 = R-22  
 4 = R-410A

Series  
 T = Premium (Heat Pump or Convertible Coil)  
 C = Standard (Cooling Only)

Coil Design  
 X = Direct Expansion Evaporator Coil

Coil Feature  
 C = Cased A Coil  
 A = Uncased A Coil  
 F = Cased Horizontal Flat Coil  
 H = Cased Horizontal A Coil

Coil Width (Cased/Uncased)  
 A = 14.5" / 13.3"  
 B = 17.5" / 16.3"  
 C = 21.0" / 19.8"  
 D = 24.5" / 23.3"  
 H = 10.5"

Refrigerant Line Coupling  
 0 = Brazed

Nominal Capacity in 000's of BTU's

Major Design Change

Efficiency  
 C = Standard  
 S = Hi Efficiency

Refrigerant Control  
 3 = TXV - Non-Bleed

Coil Circuitry  
 H = Heat Pump  
 C = Cooling  
 D = Dual Circuit Cooling

Airflow Configuration  
 A = Upflow Only  
 U = Upflow / Downflow  
 H = Horizontal Only  
 C = Convertible - Upflow, Downflow, Left Airflow  
 M = Convertible - Upflow, Downflow, Left or Right Airflow

Minor Design Change

Unit Parts Identifier

**TXV Kits**

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15  
 2 A Y T X V H 3 A 2 5 3 1 A A

Refrigerant  
 2 = R-22  
 4 = R-410A

Accessory  
 TXV Kit

Accessory Type

Compatibility  
 Cooling & Heat Pump Compatible

Flow Control  
 3 = TXV - Non Bleed

Major Design Change  
 B = Internally Mounted (Mechanical Fittings)  
 C = Internally Mounted (Mechanical Fittings)  
 D = Internally Mounted (Mechanical Fittings)

Minimum Nominal Capacity in 000's BTU's

Maximum Nominal Capacity in 000's BTU's

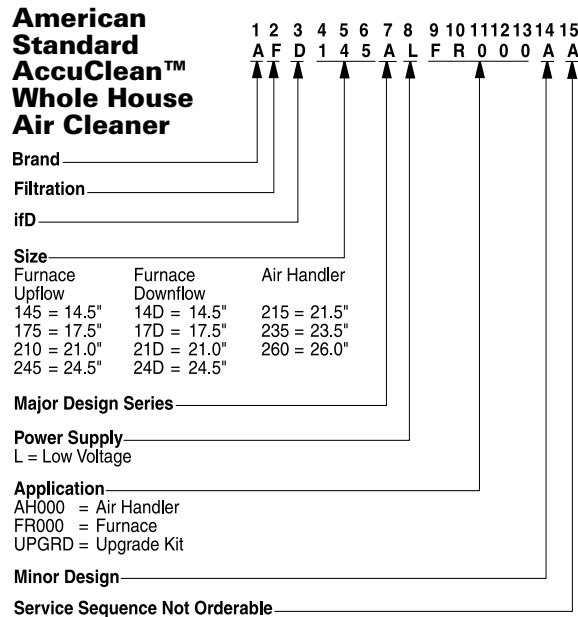
Minor Design Change

Service Digit

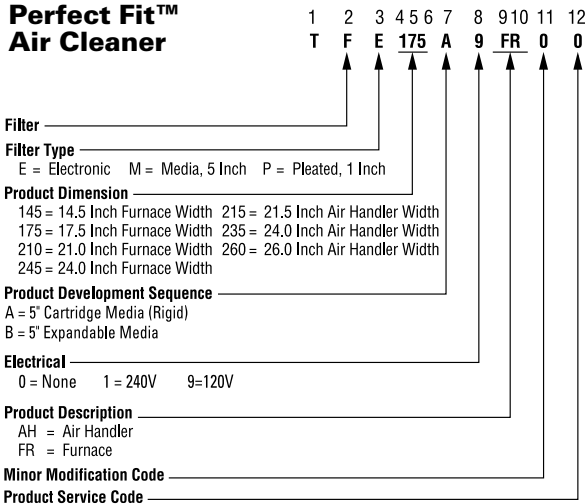


# Model Nomenclature

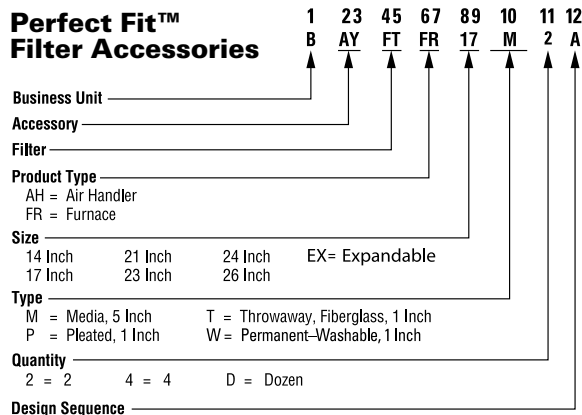
## American Standard AccuClean™ Whole House Air Cleaner



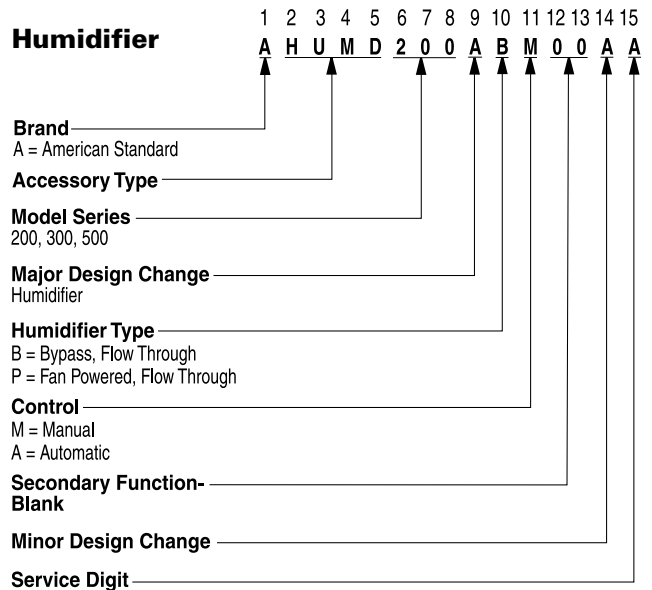
## Perfect Fit™ Air Cleaner



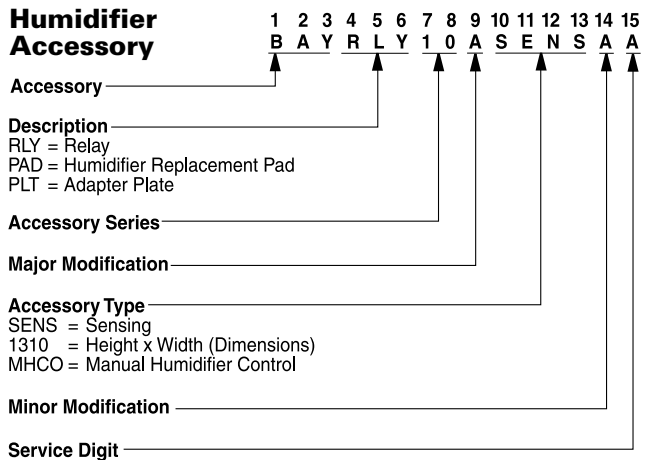
## Perfect Fit™ Filter Accessories



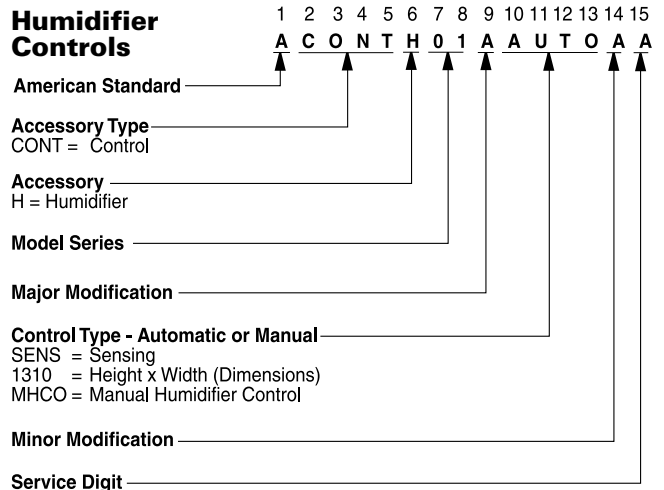
## Humidifier



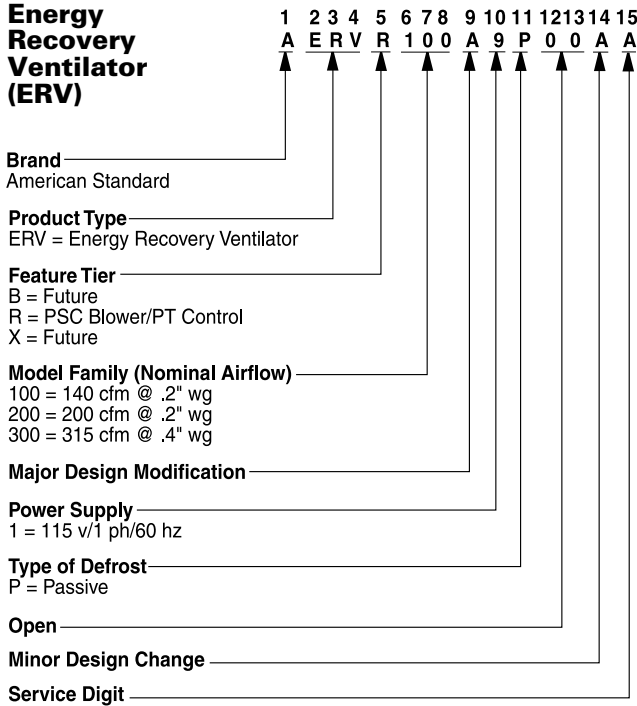
## Humidifier Accessory



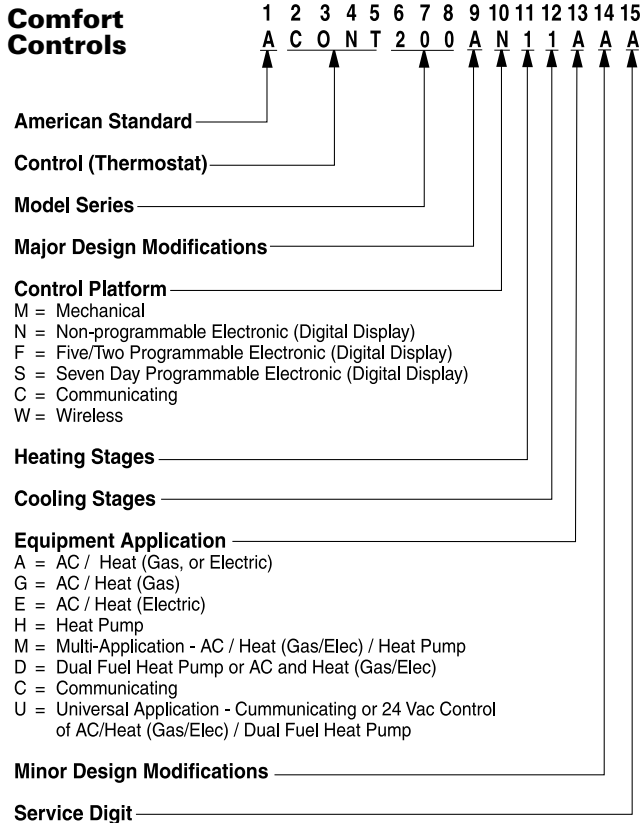
## Humidifier Controls



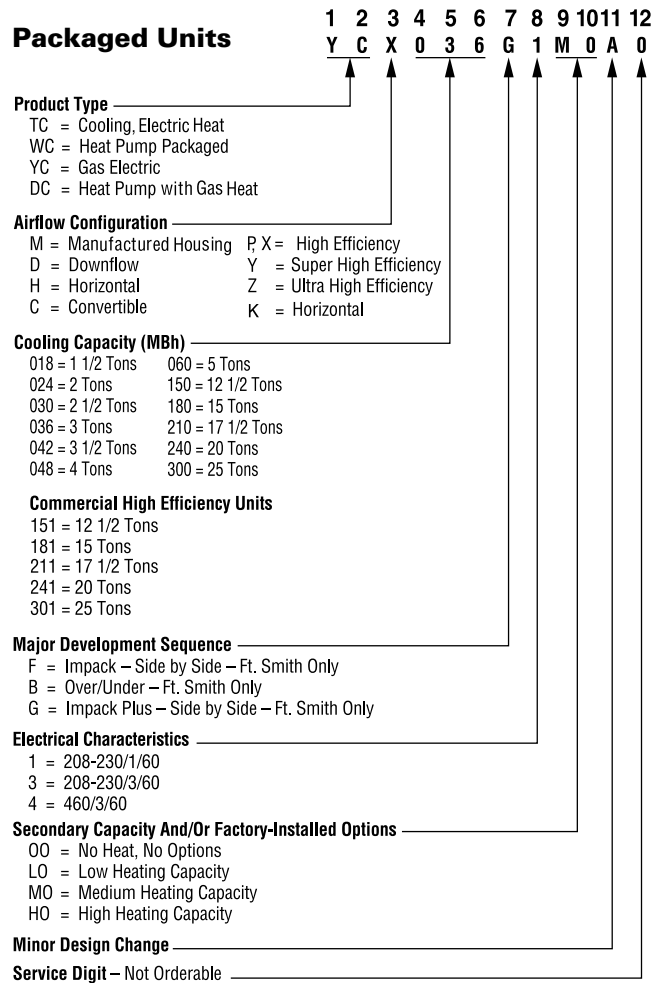
## Energy Recovery Ventilator (ERV)



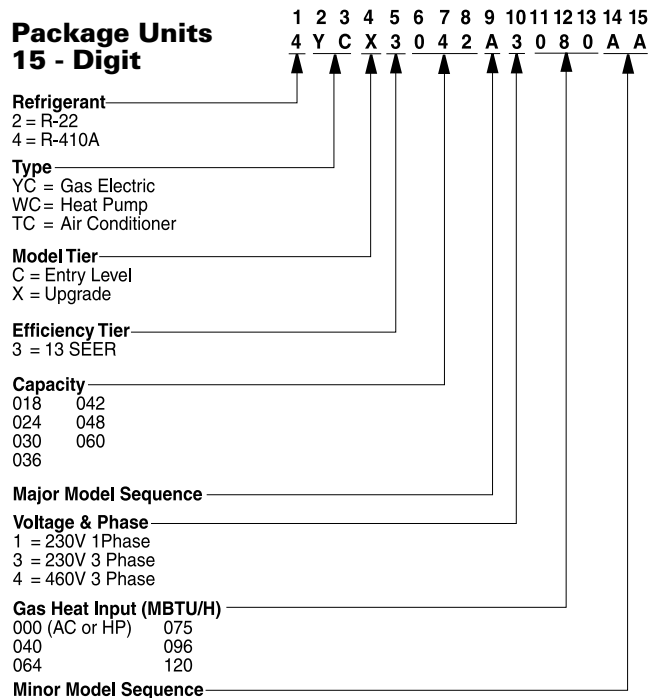
## Comfort Controls



## Packaged Units



## Package Units 15 - Digit





# Model Nomenclature

	<b>T</b>	<b>S</b>	<b>C</b>	<b>0</b>	<b>3</b>	<b>6</b>	<b>A</b>	<b>3</b>	<b>R</b>	<b>B</b>	<b>A</b>	<b>A</b>	<b>A</b>	<b>C</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>A</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>A</b>	<b>1</b>
	1	2	3	4, 5, 6			7	8	9	10	11	12, 13		14	15	16	17	18	19	20	21	22	23	24	25
<b>Packaged Units</b>	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑	↑

**Unit Function (Digit 1)**  
T = DX Cooling  
W = Packaged Heat Pump  
Y = DX Cooling and Gas Heat

**Efficiency (Digit 2)**  
S = Standard Efficiency H = High Efficiency

**Airflow (Digit 3)**  
C = Convertible

**Nominal Gross Cooling Capacity (MBH) (Digit 4, 5, 6)**  
036 = 3 Ton 090 = 7 1/2 Ton Single Compressor  
060 = 5 Ton 092 = 7 1/2 Ton Dual Compressors  
048 = 4 Ton 102 = 8 1/2 Ton  
072 = 6 Ton 120 = 10 Ton

**Major Design Sequence (Digit 7)**  
A = R-22 E = R-410A

**Unit Voltage (Digit 8)**  
1 = 208-230/1/60 4 = 460/3/60  
3 = 208-230/3/60 W = 575/3/60

**Unit Controls (Digit 9)**  
E = Electro-Mechanical R = ReliaTel™ Micro-processor

**Electric Heater (Digit 10)**  
0 = No Electric Heater F = 14 kw (1 phase) L = Low⓪  
A = 5 kw (1 phase) G = 18 kw (1 and 3 phase) M = Medium⓪  
B = 6 kw (3 phase) J = 23 kw (3 phase) H = High⓪  
C = 9 kw (3 phase) K = 27 kw (3 phase)  
D = 10 kw (1 phase) N = 36 kw (3 phase)  
E = 12 kw (3 phase) P = 54 kw (3 phase)

**Minor Design Sequence (Digit 11)**  
A = First Sequence (Factory Assigned)

**Service Sequence (Digit 12, 13)**  
A, A = First Sequence

**Fresh Air Selection (Digit 14)**  
0 = No Fresh Air F = Economizer, Reference Enthalpy 0-100% with Barometric Relief  
A = Manual Outside Air Damper 0-50% 0-100% with Barometric Relief  
B = Motorized Outside Air Damper 0-50% G = Economizer, Comparative Enthalpy 0-100% without Barometric Relief  
C = Economizer, Dry Bulb 0-100% without Barometric Relief H = Economizer, Comparative Enthalpy 0-100% with Barometric Relief  
D = Economizer, Dry Bulb 0-100% with Barometric Relief  
E = Economizer, Reference Enthalpy 0-100% without Barometric Relief

**Supply Fan/Drive Type/Motor (Digit 15)**  
0 = Standard Drive 1 = Oversized Motor 2 = Optional Belt Drive Motor

**Hinged Service Access (Digit 16)**  
0 = Standard Panels A = Hinged Access Panels B = Standard Panels and 2" Pleated Filters  
C = Hinged Access Panels and 2" Pleated Filters

**Condenser Coil Protection (Digit 17)**  
0 = Standard Coil 2 = Epoxy Coated Condenser Coil  
1 = Standard Coil with Hail Guard 3 = Epoxy Coated Condenser Coil with Hail Guard

**Through the Base Provisions (Digit 18)**  
0 = No Through the Base Provisions B = Through the Base Gas  
A = Through the Base Electric C = Through the Base Electric and Gas

**Disconnect/Circuit Breaker (3 phase only) (Digit 19)**  
0 = No Disconnect or Circuit Breaker 1 = Non-Fused Disconnect 2 = Circuit Breaker  
3 = Phase Monitor 4 = Phase Monitor and Non-Fused Disconnect 5 = Phase Monitor and Circuit Breaker

**Convenience Outlet (Digit 20)**  
0 = No Convenience Outlet A = Unpowered Convenience Outlet B = Powered Convenience Outlet (3 phase only)

**Communications Options (Digit 21)**  
0 = No Communications Interface

**Refrigeration System Option (Digit 22)**  
0 = Standard Refrigeration System A = Thermal Expansion Valve (TXV)\* B = Dehumidification (Hot Gas Reheat)

**Refrigeration Controls (Digit 23)**  
0 = No Refrigeration Control 5 = High Pressure Control and Crankcase Heater\*  
A = High Pressure Control\* 6 = Frostat and Crankcase Heater  
2 = Frostat 7 = High Pressure Control, Frostat and Crankcase Heater\*  
3 = Crankcase Heater  
4 = High Pressure Control and Frostat\*

**Smoke Detector (Digit 24)**  
0 = No Smoke Detector B = Supply Air Smoke Detector  
A = Return Air Smoke Detector C = Supply and Return Air Smoke Detectors

**Monitoring Controls (Digit 25)**  
0 = No Monitoring Control 5 = Clogged Filter Switch and Discharge Air Sensing Tube  
1 = Clogged Filter Switch 6 = Fan Fail Switch and Discharge Air Sensing Tube  
2 = Fan Failure Switch 7 = Clogged Filter and Fan Fail Switches  
3 = Discharge Air Sensing Tube Discharge Air Sensing Tube  
4 = Clogged Filter Switch and Fan Fail Switch

⓪ Gas Units  
\*Standard with R-410A



# Model Nomenclature

## Light Commercial 13 SEER

T H C 0 3 3 A 3 R B A \* \* C 0 0 0 A 1 0 0 0 A 1  
 1 2 3 4, 5, 6 7 8 9 10 11 12, 13 14 15 16 17 18 19 20 21 22 23 24 25

- Unit Function (Digit 1)** ————— T = DX Cooling  
Y = DX Cooling, Gas Heat
- Efficiency (Digit 2)** ————— H = High Efficiency
- Airflow (Digit 3)** ————— C = Convertible
- Nominal Gross Cooling Capacity (MBH) (Digit 4, 5, 6)** ——— 033 = 3 Ton  
043 = 4 Ton  
063 = 5 Ton
- Major Design Sequence (Digit 7)** ————— A = First
- Unit Voltage (Digit 8)** ————— 3 = 208-230/60/3  
4 = 460/60/3  
W = 575/60/3
- Unit Controls (Digit 9)** ————— E = Electro-Mechanical R = ReliaTel™Micro-processor
- Electric Heater (Digit 10)** ————— 0 = No Electric Heater L = Low⓪  
B = 6 kW (3 phase) M = Medium⓪  
C = 9 kW (3 phase) H = High⓪  
E = 12 kW (3 phase)  
G = 8 kW (1 and 3 phase)  
J = 23 kW (3 phase)
- Minor Design Sequence (Digit 11)** ————— A = First Sequence
- Service Sequence (Digit 12, 13)** ————— \*\* = First Assigned
- Fresh Air Selection (Digit 14)** ————— 0 = No Fresh Air F = Economizer, Reference Enthalpy  
A = Manual Outside Air Damper 0-50% 0-100% with Barometric Relief  
B = Motorized Outside Air Damper 0-50% G = Economizer, Comparative Enthalpy  
C = Economizer, Dry Bulb 0-100% 0-100% without Barometric Relief  
without Barometric Relief H = Economizer, Comparative Enthalpy  
D = Economizer, Dry Bulb 0-100% 0-100% with Barometric Relief  
with Barometric Relief  
E = Economizer, Reference Enthalpy 0-100% without Barometric Relief
- Supply Fan/Drive Type/Motor (Digit 15)** ————— 0 = Standard Drive
- Hinged Service Access and Filters (Digit 16)** ————— 0 = Standard Panels/Standard Filters B = Standard Panels/2" Pleated Filters  
A = Hinged Access Panels/Standard Filters C = Hinged Access Panels/2" Pleated Filters
- Condenser Coil Protection (Digit 17)** ————— 0 = Standard Coil 2 = Epoxy Coated Condenser Coil  
1 = Standard Coil with Hail Guard 3 = Epoxy Coated Condenser Coil with Hail Guard
- Through the Base Provisions (Digit 18)** ————— 0 = No Through the Base Provisions B = Through the Base Gas Piping  
A = Through the Base Electric C = Through the Base Electric and Gas Piping
- Disconnect/Circuit Breaker Phase Monitor (3 phase only) (Digit 19)** ——— 0 = No Disconnect, or Circuit Breaker or Phase Monitor 3 = Phase Monitor  
1 = Unit Mounted Non-Fused Disconnect 4 = Phase Monitor and Non-Fused Disconnect Switch  
2 = Unit Mounted Circuit Breaker 5 = Phase Monitor and Circuit Breaker
- Convenience Outlet (Digit 20)** ————— 0 = No Convenience Outlet A = Unpowered Convenience Outlet B = Powered Convenience Outlet (3 phase only)
- Communications Options (Digit 21)** ————— 0 = No Communications Interface 4 = Novar 3051 Controls  
3 = Novar 2024 Controls
- Refrigeration System Option (Digit 22)** ————— 0 = Standard Refrigeration System B = Dehumidification (Hot Gas Reheat Coil)
- Refrigeration Controls (Digit 23)** ————— 0 = No Refrigeration Control 5 = High Pressure Control and Crankcase Heater  
1 = High Pressure Control 6 = Frostat and Crankcase Heater  
2 = Frostat 7 = High Pressure Control, Frostat and  
3 = Crankcase Heater Crankcase Heater  
4 = High Pressure Control and Frostat
- Smoke Detector (Digit 24)** ————— 0 = No Smoke Detector B = Supply Air Smoke Detector  
A = Return Air Smoke Detector C = Supply and Return Air Smoke Detectors
- Monitoring Controls (Digit 25)** ————— 0 = No Monitoring Control 5 = Clogged Filter Switch and Discharge Air Sensing Tube  
1 = Clogged Filter Switch 6 = Fan Fail Switch and Discharge Air Sensing Tube  
2 = Fan Failure Switch 7 = Clogged Filter and Fan Fail Switches  
3 = Discharge Air Sensing Tube Discharge Air Sensing Tube  
4 = Clogged Filter Switch and Fan Fail Switch 8 = Novar Return Air Sensor

⓪ GasUnits

## Indoor Gas Heating Units

A P N D 0 0 3 A A F 1 0 0 0 0 +  
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15

### Gas Heating Equipment (Digit 1)

**Product Type (Digit 2)**  
P = Propeller Fan Unit Heater  
B = High Efficiency Centrifugal Fan Unit Heater

**Fuel (Digit 3)**  
N = Natural Gas  
P = LP Gas (Propane)  
S = Special

**Development Sequence (Digit 4)**  
D = Fourth Generation

**Input Capacity (Digit 5-7)**  
Single Furnace  
003 = 30 MBh    017 = 175 MBh  
004 = 45 MBh    020 = 200 MBh  
006 = 60 MBh    022 = 225 MBh  
007 = 75 MBh    025 = 250 MBh  
010 = 100 MBh    030 = 300 MBh  
012 = 125 MBh    035 = 350 MBh  
015 = 150 MBh    040 = 400 MBh

**Main Power Supply (Digit 8)**  
A = 115/60/1    B = 230/60/1  
C = 208/60/3    D = 230/60/3  
E = 460/60/3    S = Special

**Digit 9 — Gas Control Option**  
A = Single-Stage, Standing Pilot  
D = Single-Stage, Intermittent Pilot Ignition  
E = Two-Stage, Intermittent Pilot Ignition  
F = Hydraulic Modulating, Intermittent Pilot Ignition (60-100°F)  
G = Hydraulic Modulating with Bypass, Intermittent Pilot Ignition (60-100°F)  
H = Electronic Modulating with Room T-Stat, Intermittent Pilot Ignition  
J = Electronic Modulating with Duct-Stat, Intermittent Pilot Ignition  
L = Electronic Modulating with External 4-20 mA Input  
N = Electronic Modulating with External 0 -10 VDC Input  
P = Hydraulic Modulating, Intermittent Pilot Ignition (75-150°F)  
R = Hydraulic Modulating with Bypass, Intermittent Pilot Ignition (75-150°F)  
S = Special

**Design Sequence (Digit 10)**  
F = Sixth Design

**Digit 11 — Heat Exchanger Material**  
1 = Aluminized Steel    2 = #409 Stainless Steel  
3 = #321 Stainless Steel    S = Special

**Rooftop Arrangements (Digit 12)**  
0 = None (Indoor Unit)    S = Special

**Rooftop Heating Unit Motor Selection (Digit 13)**  
0 = None (Indoor Unit & Rooftop Duct Furnace)    S = Special

**Rooftop Fan Section (Digit 14)**  
0 = None (Indoor Unit & Rooftop Duct Furnace)    S = Special

**Miscellaneous Options — All Units (Digit 15)**  
0 = None  
A = #409 Stainless Steel Burners  
B = Orifices For Elevation Above 2000 Feet (Specify Elevation)  
S = Special

**Propeller Fan Unit Heater (Std., Hi-Effic. and Separated Combustion)**  
C = #409 Stainless Steel Draft Diverter  
D = Summer-Winter Switch  
E = Vertical Louvers  
J = Totally Enclosed Motor  
7 = OSHA Fan Guard

**Centrifugal Fan Unit Heater (Std. Hi-Effic. and Separated Combustion)**  
C = #409 Stainless Steel Draft Diverter    D = Summer-Winter Switch  
E = Vertical Louvers    H = Duct Discharge Flange  
J = Totally Enclosed Motor

**Duct Furnace (Indoor) (Std. or Hi-Effic.)**  
C = #409 Stainless Steel Draft Diverter    D = Summer-Winter Switch  
F = Horizontal Louvers    G = Horizontal & Vertical Louvers  
K = Side Access Burner Drawer (Left Hand)\*  
L = Fan Time Delay Control  
M = Side Access Burner Drawer (Right Hand)\*

**Notes:**  
1. All units are AGA approved. For CGA approved units contact Macon Product Support.  
2. Special approval required for units installed in New York City, Los Angeles and the State of Wisconsin. Contact Macon Product Support before quoting.  
\*The left or right hand side of the side access burner drawer, options K & M, is determined by facing the air outlet side of the duct furnace.

## Horizontal Blower Assembly

H B A C 1 5 A A A C 0 +  
1 2 3 4 5 6 7 8 9 10 11

**Horizontal Blower Motor (Digit 1-3)**

**Development Sequence (Digit 4)**  
C = Third Generation

**Blower Size Digit 5-6)**  
15 = Nominal 1500 cfm  
20 = Nominal 2000 cfm  
30 = Nominal 3000 cfm  
45 = Nominal 4500 cfm

**Transition Size (Digit 7) (Specifies Duct Furnace Sets)**  
0 = None    F = 225 MBh  
A = 100 MBh    G = 250 MBh  
B = 125 MBh    H = 300 MBh  
C = 150 MBh    J = 350 MBh  
D = 175 MBh    K = 400 MBh  
E = 200 MBh

**Main Power Supply (Digit 8)**  
A = 115/60/1    D = 230/60/3  
B = 230/60/1    E = 460/60/3  
C = 208/60/3    S = Special

**Motor Horsepower (Digit 9)**  
A = 1/3 hp    E = 1 1/2 hp  
B = 1/2 hp    F = 2 hp  
C = 3/4 hp    S = Special  
D = 1 hp

**Design Sequence (Digit 10)**  
C = Third Design

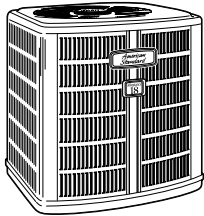
**Miscellaneous Options (Digit 11)**  
0 = None  
1 = Insulation  
2 = Floor Mounting Legs  
3 = Totally Enclosed Motor  
S = Special





*American  
Standard*

# Split System Cooling Single Phase – 1½ through 5 Tons

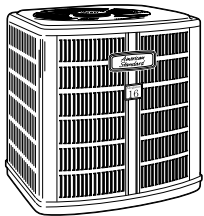


**Allegiance 18 (2A7A8)**

**Table SC-1-A — Allegiance 18 Split System Cooling — Single Phase**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Metering Device	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** RatingⓄ	MCA*	Max. Fuse*	Line Size	
				H	W	D					OD Gas	OD Liq.
2A7A8030B1000A	200-230/1/60	30,000	TXV-NB	41	37	34	404	72	18	30	7/8	3/8
2A7A8036B1000A	200-230/1/60	36,000	TXV-NB	41	37	34	401	74	22	35	7/8	3/8
2A7A8048B1000A	200-230/1/60	48,000	TXV-NB	41	37	34	411	73	25	40	1 1/8	3/8
2A7A8060B1000A	200-230/1/60	60,000	TXV-NB	41	37	34	416	72	37	60	1 1/8	3/8

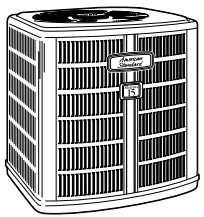
Note: Because of limited capabilities, please refer to product data for approved combinations.



**Allegiance 16 (4A7A6)**

**Table SC-1-B — Allegiance 16 System Cooling — Single Phase**

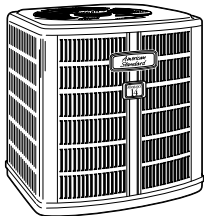
Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Metering Device	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** RatingⓄ	MCA*	Max. Fuse*	Line Size	
				H	W	D					OD Gas	OD Liq.
4A7A6024B1000A	230/1/60	24,000	TXV-NB	37	33	30	233	73	13	20	5/8	5/16
4A7A6036B1000A	230/1/60	36,000	TXV-NB	33	37	34	257	72	24	40	3/4	3/8
4A7A6048B1000A	230/1/60	48,000	TXV-NB	41	37	34	279	74	29	50	7/8	3/8
4A7A6060B1000A	230/1/60	60,000	TXV-NB	41	37	34	323	74	35	60	7/8	3/8



**Allegiance 15 (2A7A5)**

**Table SC-1-C — Allegiance 15 System Cooling — Single Phase**

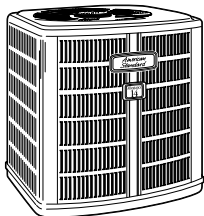
Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Metering Device	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size	
				H	W	D					OD Gas	OD Liq.
2A7A5024A1000A	208/230/1/60	24,000	TXV-NB	37	37	34	251	72	14	20	3/4	5/16
2A7A5030A1000A	208/230/1/60	30,000	TXV-NB	37	37	34	251	74	16	25	3/4	5/16
2A7A5036A1000A	208/230/1/60	36,000	TXV-NB	41	37	34	267	72	18	30	7/8	3/8
2A7A5042A1000A	208/230/1/60	42,000	TXV-NB	41	37	34	273	73	23	35	7/8	3/8
2A7A5048A1000A	208/230/1/60	48,000	TXV-NB	41	37	34	302	72	26	40	1 1/8	3/8



**Allegiance 14 (4A7A4)**

**Table SC-1-D — Allegiance 14 System Cooling — Single Phase**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Metering Device	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size	
				H	W	D					OD Gas	OD Liq.
4A7A4018B1000A	200-230/1/60	18,000	TXV-NB	33	33	30	210	72	10	15	1/2	1/4
4A7A4024B1000A	200-230/1/60	24,000	TXV-NB	33	33	30	213	74	13	20	5/8	5/16
4A7A4030B1000A	208-230/1/60	30,000	TXV-NB	33	33	30	216	71	20	30	3/4	5/16
4A7A4036B1000A	208-230/1/60	36,000	TXV-NB	37	33	30	228	71	21	35	3/4	3/8
4A7A4042B1000A	208-230/1/60	42,000	TXV-NB	37	37	34	256	74	25	40	3/4	3/8
4A7A4048B1000A	208-230/1/60	48,000	TXV-NB	41	37	34	268	74	27	45	7/8	3/8
4A7A4060C1000A	208-230/1/60	60,000	TXV-NB	41	37	34	318	74	35	60	7/8	3/8



**Allegiance 14 (2A7A4)**

**Table SC-1-E — Allegiance 14 System Cooling — Single Phase**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Metering Device	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size	
				H	W	D					OD Gas	OD Liq.
2A7A4018B1000A	200-230/1/60	18,000	TXV-NB	33	33	30	199	73	10	15	5/8	1/4
2A7A4024B1000A	200-230/1/60	24,000	TXV-NB	33	33	30	216	74	11	15	3/4	5/16
2A7A4030B1000A	208-230/1/60	30,000	TXV-NB	33	33	30	223	74	18	30	3/4	5/16
2A7A4036B1000A	208-230/1/60	36,000	TXV-NB	37	33	30	227	74	20	30	7/8	3/8
2A7A4042B1000A	208-230/1/60	42,000	TXV-NB	37	37	34	257	74	24	40	7/8	3/8
2A7A4048B1000A	208-230/1/60	48,000	TXV-NB	41	37	34	273	75	28	45	1 1/8	3/8
2A7A4060B1000A	208-230/1/60	60,000	TXV-NB	41	37	34	321	74	34	50	1 1/8	3/8

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

\*\* Rated in accordance with ARI Standard 270, section 5.3.6.



# Split System Cooling Single Phase – 1½ through 5 Tons

## Allegiance

**Table SC-2-A — Features**

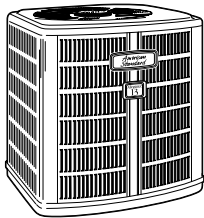
	18 (2A7A8)	16 (4A7A6)	15 (2A7A5)	14 (4A7A4)	14 (2A7A4)
• SEER's up to .....	18.9	17.15	16.25	15	15
• <b>Duration™</b> compressor .....	2	1 - staged	✓	✓	✓
• <b>Comfort™R™</b> mode approved .....	✓	✓	✓	✓	✓
• <b>DuraBase™</b> base, fast complete drain, weatherproof .....	✓	✓	✓	✓	✓
• <b>Easy-Sess™</b> cabinet, service access & refrigerant connections with full coil protection .....	✓	✓	✓	✓	✓
• <b>Spine Fin™</b> coil .....	✓	✓	✓	✓	✓
• Compressor sump - factory installed .....	2½-5	5	2-4	1½-2	1½-2 & 3½-5
• Quick start kit-factory installed .....	2½-5	2-5	—	1½-2 & 5	1½-2 & 5
• Sound enclosures .....	2½-5	2-5	2-4	1½-5	1½-5
• Factory supplied charge .....	R-22	R-410A	R-22	R-410A	R-22
• Glossy corrosion resistant finish .....	✓	✓	✓	✓	✓
• High pressure switch .....	—	✓	—	✓	—
• Internal high / low pressure & temperature protection .....	✓	✓	✓	✓	✓
• Liquid line filter drier - factory installed .....	✓	✓	✓	✓	✓
• Seacoast shield .....	✓	✓	✓	✓	✓
• Spinnaker gray cabinet .....	✓	✓	✓	✓	✓
• 10-year limited warranty on compressor, outdoor coil & 5 years on parts (Residential) .....	✓	✓	✓	✓	✓
• <b>Extended warranties available</b> .....	✓	✓	✓	✓	✓

**Table SC-2-B — Optional Accessories**

AY28X079 .....	Evaporator defrost control .....	✓	✓	✓	✓	✓
BAYCCHT301 .....	Crankcase Heater Kit (Scroll Compressors) .....	—	2-4	—	2½-5	2½-3
BAYECMT001 .....	Extreme Condition Mounting Kit .....	✓	✓	✓	✓	✓
BAYISLT101 .....	Rubber isolators .....	✓	✓	✓	✓	✓
BAYKSKT260 .....	Quick start kit (Scroll Compressors) .....	—	3-4	2-4	2½-4	2½-4
BAYLEGS002 .....	Snow Legs - Base and Cap 6" High (Black) .....	✓	✓	✓	✓	✓
BAYLEGS003 .....	4" Extension (Black) .....	✓	✓	✓	✓	✓
TAYASCT501AⓈ .....	Anti-Short Cycle Timer .....	✓	✓	✓	✓	✓

**Comfort Controls — See Comfort Controls/Zone Sensors Section**

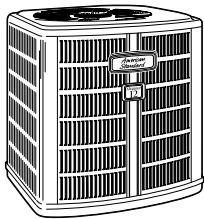
## Split System Cooling Single Phase – 1½ through 5 Tons



**Allegiance 13 (2A7A3)**

**Table SC-3-A— Allegiance 13 Split System Cooling — Single Phase**

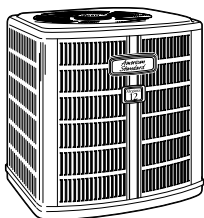
Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Metering Device	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size	
				H	W	D					OD Gas	OD Liq.
2A7A3018A1000A	200/230/1/60	18,000	TXV-NB	26	29	26	178	74	8	15	5/8	1/4
2A7A3024A1000A	200/230/1/60	24,000	TXV-NB	33	29	26	194	76	12	20	3/4	5/16
2A7A3030A1000A	200/230/1/60	30,000	TXV-NB	33	33	30	218	74	13	20	3/4	5/16
2A7A3036A1000A	208/230/1/60	36,000	TXV-NB	33	33	30	214	75	18	30	7/8	3/8
2A7A3042A1000A	200/230/1/60	42,000	TXV-NB	33	37	34	274	77	21	35	7/8	3/8
2A7A3048A1000A	200/230/1/60	48,000	TXV-NB	41	37	34	299	76	25	40	1 1/8	3/8
2A7A3060A1000A	208/230/1/60	60,000	TXV-NB	41	37	34	295	76	32	50	1 1/8	3/8



**Allegiance 12 (4A7A2)**

**Table SC-3-B— Allegiance 12 Split System Cooling — Single Phase**

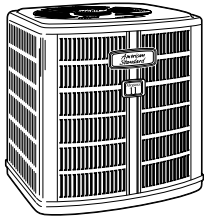
Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Metering Device	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size	
				H	W	D					OD Gas	OD Liq.
4A7A2018A1000A	200-230/1/60	18,000	.049	33	33	30	203	77	10	15	1/2	1/4
4A7A2024A1000A	200-230/1/60	24,000	.053	33	33	30	207	78	13	20	5/8	5/16
4A7A2030A1000A	208-230/1/60	30,000	.059	33	33	30	206	74	20	30	3/4	5/16
4A7A2036A1000A	208-230/1/60	36,000	.065	33	33	30	219	77	21	35	3/4	3/8
4A7A2042A1000A	208-230/1/60	42,000	.071	37	33	30	231	78	25	40	3/4	3/8
4A7A2048A1000A	208-230/1/60	48,000	.077	41	33	30	248	79	31	50	7/8	3/8
4A7A2060A1000A	208-230/1/60	60,000	②	33	37	34	267	81	36	60	7/8	3/8



**Allegiance 12 (2A7A2)**

**Table SC-3-C — Allegiance 12 Split System Cooling — Single Phase**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Metering Device	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size	
				H	W	D					OD Gas	OD Liq.
2A7A2018A1000A	200-230/1/60	18,000	.051	26	29	26	169	79	10	15	5/8	1/4
2A7A2024A1000A	200-230/1/60	24,000	.057	29	29	26	186	78	11	15	3/4	5/16
2A7A2030A1000A	208-230/1/60	30,000	.065	29	29	26	179	79	18	30	3/4	5/16
2A7A2036A1000A	208-230/1/60	36,000	.071	33	29	26	194	79	21	35	7/8	3/8
2A7A2042B1000A	208-230/1/60	42,000	.077	33	33	30	221	79	23	40	7/8	3/8
2A7A2048A1000A	208-230/1/60	48,000	.086	37	33	30	240	78	26	45	1 1/8	3/8
2A7A2060B1000A	208-230/1/60	60,000	②	41	37	34	263	79	33	50	1 1/8	3/8



**Allegiance 11 (2A7A1)**

**Table SC-3-D— Allegiance 11 Split System Cooling — Single Phase**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Metering Device	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size	
				H	W	D					OD Gas	OD Liq.
2A7A1018A1000A	200-230/1/60	18,000	.049	26	20	19	127	82	10	15	5/8	1/4
2A7A1024A1000A	200-230/1/60	24,000	.057	26	20	19	139	81	13	20	3/4	5/16
2A7A1030A1000A	200-230/1/60	30,000	.065	26	29	26	166	79	17	30	3/4	5/16
2A7A1036A1000A	200-230/1/60	36,000	.073	26	29	26	174	77	22	35	7/8	3/8
2A7A1042A1000A	200-230/1/60	42,000	.075	29	29	26	211	79	24	40	7/8	3/8
2A7A1048A1000A	200-230/1/60	48,000	.083	29	29	26	218	79	29	50	1 1/8	3/8
2A7A1060A1000A	200-230/1/60	60,000	②	37	33	30	262	79	36	60	1 1/8	3/8

① Sound rated in accordance with A.R.I. Standard 270 (section 5.3.6).

② Indoor Metering Device TXV Only.

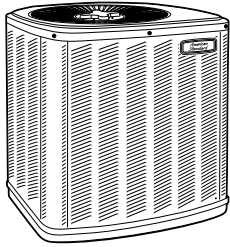
\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.



# Split System Cooling Single Phase – 1½ through 5 Tons

## Allegiance

Table SC-4-A — Features	13 (2A7A3)	12 (4A7A2)	12 (2A7A2)	11 (2A7A1)
• SEER's up to .....	14.00	13.00	13.00	11.5
• <b>Duration™</b> compressor .....	✓	✓	✓	✓
• <b>Comfort™R™</b> mode approved .....	✓	✓	✓	✓
• <b>DuraBase™</b> base, fast complete drain, weatherproof .....	✓	✓	✓	✓
• <b>Easy-Sess</b> cabinet, service access & refrigerant connections with full coil protection .....	✓	✓	✓	✓
• <b>Spine Fin™</b> coil .....	✓	✓	✓	✓
• Compressor sump - factory installed .....	5	—	—	—
• Quick start kit-factory installed .....	1½-2½ 3½-5	1½-2 & 5	1½-2	—
• Sound enclosures .....	1½-5	1½-5	1½-2	2½-5
• Factory supplied charge .....	R-22	R-410A	R-22	R-22
• Glossy corrosion resistant finish .....	✓	✓	✓	✓
• High pressure switch .....	—	✓	—	—
• Internal high / low pressure & temperature protection .....	✓	✓	✓	✓
• Liquid line filter drier - factory installed .....	✓	✓	✓	✓
• Spinnaker gray cabinet .....	✓	✓	✓	✓
• 10-year limited warranty on compressor, outdoor coil & 5 years on parts (Residential) .....	✓	✓	✓	✓
• <b>Extended warranties available</b> .....	✓	✓	✓	✓
<b>Table SC-4-B — Optional Accessories</b>				
AY28X079 ..... Evaporator defrost control kit .....	✓	✓	✓	✓
BAYCCHT300 ..... Crankcase Heater (Reciprocating Compressors) .....	1½-2½ 3½-4	1½-2	1½-2	1½-5
BAYCCHT301 ..... Crankcase Heater Kit (Scroll Compressors) .....	3	2½-5	2½-5	—
BAYECMT001 ..... Extreme Condition Mounting Kit .....	✓	✓	✓	✓
BAYISLT101 ..... Rubber isolators .....	✓	✓	✓	✓
BAYKSKT257 ..... Quick start kit (2 1/2 - 5 Ton Models Only) (Reciprocating Compressors) .....	—	—	—	2½-5
BAYKSKT260 ..... Quick start kit (Scroll Compressors) .....	3	2½-4	2½-5	—
BAYKSKT261 ..... Start kit (2A7A1018, 024 Models Only) (Reciprocating Compressors) .....	—	—	—	1½, 2
BAYLEGS002 ..... Snow Legs - Base and Cap 6" High (Black) .....	✓	✓	✓	✓
BAYLEGS003 ..... 4" Extension (Black) .....	✓	✓	✓	✓
BAYLOAM103 ..... Low Ambient Kit .....	✓	—	✓	2½-5
BAYLOAM104 ..... Low Ambient Kit (w/start kit) .....	—	—	—	1½, 2
BAYSDEN001 ..... Single Cylinder Compressor Enclosures .....	—	—	—	1½-2
BAYSDEN003 ..... Small Scroll Compressor .....	—	—	2½-4	—
BAYSEAC001 ..... Seacoast Kit .....	✓	✓	✓	✓
TAYASCT501A ..... Anti-Short Cycle Timer .....	✓	✓	✓	✓
<b>Table SC-4-C — Comfort Controls</b>				
ACONT200A ..... Electronic, 1Htg./1Clg. (Gas, Electric & Oil) .....	See Comfort Controls/ Zone Sensors Section	✓	✓	✓
ACONT401A ..... 2 Heat/1 Cool (Heat Pump/A/C) .....		—	—	—
ACONT402A ..... 3 Heat/2 Cool (Heat Pump/A/C) .....		✓	✓	✓
ACONT600A ..... 1 Heat/1 Cool (Heat Pump/A/C) .....		—	—	—
ACONT602A ..... 2 Heat/2 Cool (Heat Pump/A/C) .....		✓	✓	✓
ACONT800A ..... 1 Heat/1 Cool (Heat Pump/A/C) .....		—	—	—
ACONT802A ..... 3 Heat/2 Cool (Heat Pump/A/C) .....		✓	✓	✓
ACONT803A ..... 3 Heat/2Cool (Heat Pump/A/C) w/ Humidity Control .....		✓	✓	✓
ASYSTAT370 ..... Electronic, 1 Htg. (Gas)/1 Clg. (Non Prog.) .....		✓	✓	✓
ASYSTAT371 ..... Electronic, 1 Htg. (Elec)/1 Clg. (Non Prog.) .....		✓	✓	✓
ASYSTAT380 ..... Electronic, 2 Htg. (Gas)/1 Clg. (Non Prog.) .....		✓	✓	✓
ASYSTAT605 ..... 1 Heat/1 Cool Manual Changeover (horizontal) .....		✓	✓	✓
ASYSTAT606 ..... 2 Heat/1 Cool Manual Changeover .....		✓	✓	✓
ASYSTAT620 ..... Prog. Electronic Setback 3 Heat/2 Cool .....		✓	✓	✓
ASYSTAT621 ..... Prog. Electronic Setback 1 Heat/1 Cool .....		✓	✓	✓
TAYSTAT250B ..... Outdoor Thermostat .....		✓	✓	✓



**Table SC-5-A—Split System Mobile Home Air Conditioner - 10 SEER**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Required FCCV Size	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating <sup>⓪</sup>	MCA*	Max. Fuse*	Line Size	
				H	W	D					OD Gas	OD Liq.
2A7B0730A1000AA	200-230/1/60	30,000	.065	26	29	26	169	81	17	30	3/4	5/16
2A7B0736A1000AA	200-230/1/60	36,000	.071	26	29	26	175	80	20	35	7/8	3/8
2A7B0742A1000AA	200-230/1/60	42,000	.075	29	29	26	208	81	23	40	7/8	3/8
2A7B0748A1000AA	200-230/1/60	48,000	.080	29	29	26	218	82	26	45	1 1/8	3/8
2A7B0760A1000AA	200-230/1/60	60,000	①	33	33	30	256	83	35	60	1 1/8	3/8

**Table SC-5-B — Features**

- SEER's up to .....
- **Duration™** compressor .....
- **Comfort™R™** mode approved .....
- **DuraBase™** base, fast complete drain, weatherproof .....
- **Easy-Sess™** cabinet, service access & refrigerant connections with full coil protection .....
- **Spine Fin™** coil .....
- Aero-quip Refrigerant Connector .....
- Compressor sump - factory installed .....
- Factory installed start kit .....
- Factory supplied charge .....
- Glossy corrosion resistant finish .....
- Internal high / low pressure & temperature protection .....
- Liquid line filter drier - factory installed .....
- Poly Slate gray cabinet .....
- 5-year limited warranty on compressor, outdoor coil & 5 years on parts (Residential) .....
- **Extended warranties available** .....

**10  
(2A7B07)**

10.5

**PHASED OUT**

R-22

**Table SC-5-C — Optional Accessories**

AY28X079 .....	Evap. Defrost Control Kit (cooling only) .....	
BAY24X045 .....	ID Fan Delay Relay Kit .....	
BAYCCHT300 .....	Crankcase Heater Kit (Reciprocating Compressors) .....	2 1/2-5
BAYCCHT301 .....	Crankcase Heater Kit (Scroll Compressors) .....	
BAYECMT001 .....	Extreme Condition Mounting Kit .....	
BAYISLT101 .....	Rubber Isolators .....	
BAYKSKT257 .....	Start Kit (Reciprocating Compressors) .....	2 1/2-5
BAYLEGS002 .....	Snow Legs - Base and Cap 6" High (Black) .....	
BAYLEGS003 .....	4" Extension (Black) .....	
BAYSDEN001 .....	Single Cylinder Compressor Enclosures .....	2 1/2-3
BAYSDEN002 .....	Two Cylinder Compressor Enclosures .....	3 1/2-5
BAYSDEN003 .....	Small Scroll Compressor Enclosures .....	
BAYSDEN004 .....	Large Scroll Compressor Enclosures .....	
BAYSEAC001 .....	Seacoast Kit .....	
TAYASCT501A .....	Anti-Short Cycle Timer .....	

**PHASED OUT**

**Table SC-5-D — Comfort Controls**

ACONT200A .....	Electronic, 1Htg./1Clg. (Gas, Electric & Oil) .....	
ASYSAT370 .....	1 Htg (Gas)/1 Clg .....	
ASYSAT371 .....	1 Htg (Elec.)/1 Clg .....	
ASYSAT380 .....	2 Htg (Gas)/1 Clg .....	
ASYSAT603 .....	Cooling Only w/ Fan Switch .....	
ASYSAT604 .....	Heat/Cool (Vertical) Therm. .....	
ASYSAT605 .....	Heat/Cool (Horiz.) Therm. .....	
TAYSTAT250B .....	Outdoor Thermostat .....	

**PHASED OUT**

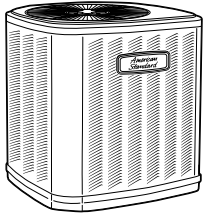
① Indoor Metering Device TXV Only.

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

\*\* Rated in accordance with A.R.I. Standard 270, section 5.3.6.

# American Standard

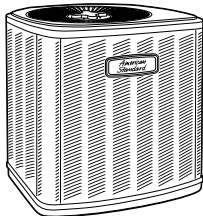
## Split System Cooling Three Phase – 2½ through 6 Tons



13 SEER

**Table SC-6-A— 13 SEER Split Cooling Single Compressor**

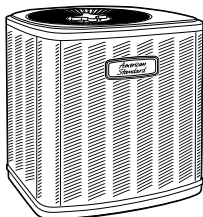
Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Metering Device	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size	
				H	W	D					OD Gas	OD Liq.
2A7C3030A3000A	200/230/3/60	30,000	TXV-NB	33	33	30	225	78	9	15	3/4	5/16
2A7C3036A3000A	200/230/3/60	36,000	TXV-NB	33	33	30	216	76	13	20	7/8	3/8
2A7C3042A3000A	200/230/3/60	42,000	TXV-NB	33	37	34	245	79	13	20	7/8	3/8
2A7C3048A3000A	200/230/3/60	48,000	TXV-NB	41	37	34	303	79	16	25	1 1/8	3/8
2A7C3060A3000A	200/230/3/60	60,000	TXV-NB	41	37	34	292	79	23	40	1 1/8	3/8
2A7C3030A4000A	460/3/60	30,000	TXV-NB	33	33	30	234	78	5	15	3/4	5/16
2A7C3036A4000A	460/3/60	36,000	TXV-NB	33	33	30	219	76	7	15	7/8	3/8
2A7C3042A4000A	460/3/60	42,000	TXV-NB	33	37	34	246	79	7	15	7/8	3/8
2A7C3048A4000A	460/3/60	48,000	TXV-NB	41	37	34	305	79	9	15	1 1/8	3/8
2A7C3060A4000A	460/3/60	60,000	TXV-NB	41	37	34	293	79	10	15	1 1/8	3/8



12 SEER

**Table SC-6-B — 12 SEER Split Cooling Single Compressor**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Required FCCV Size	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating <sup>Ⓛ</sup>	MCA*	Max. Fuse*	Line Size	
				H	W	D					OD Gas	OD Liq.
2A7C2030A3000A	200-230/3/60	30,000	.065	29	29	26	177	79	12	20	3/4	5/16
2A7C2036A3000A	200-230/3/60	36,000	.071	33	29	26	192	79	15	25	7/8	3/8
2A7C2042B3000A	200-230/3/60	42,000	.077	33	33	30	212	79	17	25	7/8	3/8
2A7C2048A3000A	200-230/3/60	48,000	.086	37	33	30	242	78	20	25	1 1/8	3/8
2A7C2060A3000A	200-230/3/60	60,000	Ⓜ	37	33	30	258	79	24	35	1 1/8	3/8
2A7C2030A4000A	460/3/60	30,000	.065	29	29	26	180	79	6	15	3/4	5/16
2A7C2036A4000A	460/3/60	36,000	.071	33	29	26	191	79	8	15	7/8	3/8
2A7C2042B4000A	460/3/60	42,000	.077	33	33	30	212	79	8	15	7/8	3/8
2A7C2048A4000A	460/3/60	48,000	.086	37	33	30	241	78	10	15	1 1/8	3/8
2A7C2060A4000A	460/3/60	60,000	Ⓜ	37	33	30	258	79	12	20	1 1/8	3/8



10 SEER

**Table SC-6-C— 10 SEER Split Cooling Single Compressor**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Required FCCV Size	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating <sup>Ⓛ</sup>	MCA*	Max. Fuse*	Line Size	
				H	W	D					OD Gas	OD Liq.
2A7C0030A3000A	200-230/3/60	30,000	.065	25	29	26	175	80	13	20	3/4	5/16
2A7C0036A3000A	200-230/3/60	36,000	.075	26	29	26	179	79	15	25	7/8	3/8
2A7C0042A3000A	200-230/3/60	42,000	.077	27	29	26	211	83	18	30	7/8	3/8
2A7C0048A3000A	200-230/3/60	48,000	.086	29	29	26	216	82	20	30	1 1/8	3/8
2A7C0060A3000A	200-230/3/60	60,000	Ⓜ	33	33	30	254	82	27	45	1 1/8	3/8
2A7C0072A3000A	200-230/3/60	72,000	Ⓜ	41	37	34	297	81	26	45	1 1/8	3/8
2A7C0030A4000A	460/3/60	30,000	.066	26	29	26	175	80	6	15	3/4	5/16
2A7C0036A4000A	460/3/60	36,000	.071	26	29	26	179	79	8	15	7/8	3/8
2A7C0042A4000A	460/3/60	42,000	.077	29	29	26	211	83	9	15	7/8	3/8
2A7C0048A4000A	460/3/60	48,000	.086	29	29	26	216	82	10	15	1 1/8	3/8
2A7C0060A4000A	460/3/60	60,000	Ⓜ	33	33	30	254	82	13	20	1 1/8	3/8
2A7C0072A4000A	460/3/60	72,000	Ⓜ	41	37	34	297	81	14	20	1 1/8	3/8

<sup>Ⓛ</sup> Rated in accordance with A.R.I. Standard 270, section 5.3.6.

Ⓜ Indoor Metering Device TXV Only.

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.



# Split System Cooling Three Phase – 2½ through 6 Tons

Table SC-7-A — Features	13 (2A7C3)	12 (2A7C2)	10 (2A7C0)
• SEER's up to .....	13.00	12.5	10.5
• <b>Duration™</b> compressor .....	✓	✓	✓
• <b>Comfort™R™</b> mode approved .....	✓	✓	✓
• <b>DuraBase™</b> base, fast complete drain, weatherproof .....	✓	✓	✓
• <b>Easy-Sess™</b> cabinet, service access & refrigerant connections with full coil protection .....	✓	✓	✓
• <b>Spine Fin™</b> coil .....	✓	✓	✓
• Compressor sump - factory installed .....	2 ½-5	2 ½-5	2½-6
• Factory supplied charge .....	R-22	R-22	R-22
• Glossy corrosion resistant finish .....	✓	✓	✓
• Internal high / low pressure & temperature protection .....	✓	✓	✓
• Liquid line filter drier - factory installed .....	✓	✓	✓
• Low pressure switch .....	✓	✓	✓
• Poly Slate gray cabinet .....	✓	✓	✓
• 5-year limited warranty on compressor, outdoor coil & 1 year on parts (Commercial) .....	✓	✓	✓
• 5-year limited warranty on compressor, outdoor coil & 5 years on parts (Residential) .....	✓	✓	✓
• <b>Extended warranties available</b> .....	✓	✓	✓

Table SC-7-B — Optional Accessories			
AY28X079 .....	Evaporator Defrost Control .....	✓	✓
BAYECMT001 .....	Extreme Condition Mounting Kit .....	✓	✓
BAYISLT101 .....	Rubber Isolators .....	✓	✓
BAYLEGS002 .....	Snow Legs - Base and Cap 6" High (Black) .....	✓	✓
BAYLEGS003 .....	4" Extension (Black) .....	✓	✓
BAYLOAM103② .....	Electric Head Pressure Control .....	✓	✓
BAYSDEN001 .....	Single Cylinder Compressor Enclosures .....	2½	2½-3
BAYSDEN002 .....	Two Cylinder Compressor Enclosures .....	3½-4	3½-5
BAYSDEN003 .....	Small Scroll Compressor Enclosures .....	3	—
BAYSDEN004 .....	Large Scroll Compressor Enclosures .....	5	6
BAYSEAC001 .....	Seacoast Kit .....	✓	✓
BAYTFMR003A .....	77VA Transformer 230V/24V .....	✓	✓
BAYTFMR004A .....	77VA Transformer 460V/24V .....	✓	✓
TAYASCT501B① .....	Anti-Short Cycle Timer .....	✓	✓

Table SC-7-C — Comfort Controls			
ACONT200A .....	Electronic, 1Htg./1Clg. (Gas, Electric & Oil) .....	See Comfort Controls/ Zone Sensors Section	✓
ACONT401A .....	2 Heat/1 Cool (Heat Pump/A/C) .....		✓
ACONT402A .....	3 Heat/2 Cool (Heat Pump/A/C) .....		✓
ACONT600A .....	1 Heat/1 Cool (Heat Pump/A/C) .....		✓
ACONT602A .....	2 Heat/2 Cool (Heat Pump/A/C) .....		✓
ACONT800A .....	1 Heat/1 Cool (Heat Pump/A/C) .....		✓
ACONT802A .....	3 Heat/2 Cool (Heat Pump/A/C) .....		✓
ACONT803A .....	3 Heat/2Cool (Heat Pump/A/C) w/ Humidity Control .....		✓
ASYSTAT370 .....	Electronic, 1 Heat(Gas)/1 Cool (Non Prog.) .....		✓
ASYSTAT371 .....	Electronic, 1 Heat (Elec) / 1 Cool (Non Prog.) .....		✓
ASYSTAT380 .....	Electronic, 2 Heat (Gas) / 1 Cool (Non Prog.) .....		✓
ASYSTAT605 .....	1 Heat / 1 Cool Manual Changeover (horizontal) .....		✓
ASYSTAT606 .....	2 Heat / 1 Cool Manual Changeover .....		✓
ASYSTAT620 .....	Prog. Electronic Setback 3 Heat/ 2 Cool .....		✓
ASYSTAT621 .....	Prog. Electronic Setback 1 Heat/ 1 Cool .....		✓
TAYSTAT250B .....	Outdoor Thermostat .....		✓

① Do not use with programmable thermostats.

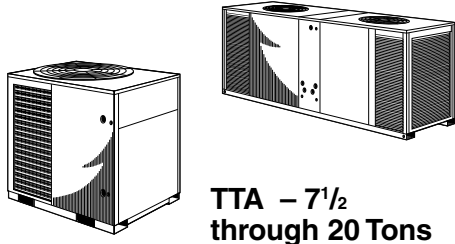
② Not approved for use with hot gas by-pass application.

\*\* The Manufacturer's Limited Warranties on current residential split condensing units and systems installed on or after 10/01/2001 where product is manufactured after January 1, 2000. The new Manufacturer's Limited Warranties are not retroactive to installations prior to 10/01/2001 or units manufactured before 2000 (see The Limited Warranty Guidelines for more information, 16-1000-14).



# American Standard

## Split System Cooling Three Phase – 7½ through 20 Tons



**TTA – 7½ through 20 Tons**

- New ReliaTel™ control option
- (1) Scroll compressor (TTA090-120A)
- (2) Scroll compressors (TTA120-240B) with independent refrigerant circuits
- (2) Scroll compressors with unloading capability (TTA120 & 180C)
- Single point power supply
- Compressor motor overload protection
- Control transformer
- High and low pressure cut-out switches
- Liquid line filter drier, factory installed
- Service valves with pressure taps
- Holding charge of Nitrogen
- Internal pressure relief valves (TTA120B,120C,150B)
- Copper tube, aluminum plate fin coils
- Low ambient cooling to 50°F as manufactured
- Low ambient cooling to 0°F with accessory head pressure control
- Mounting/lifting rails under base
- UL listed
- **5 Year Compressor Warranty (TTA090-120A; TTA120180B; TTA120 - 180C)**
- **1 Year Compressor Warranty (TTA240B)**
- **Optional Extended Warranties**

**Table SC-8-A — TTA Split System Cooling — Single Compressor**

Model Number	Factory Installed Option	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions(in.)			Mfg. Plant	Shipping Weight (lbs.)	Sound <sup>Ⓞ</sup> Rating	MCA*	Max. Fuse*	Line Size	
				H	W	L						OD Gas	OD Liq.
TTA090A300F	—	208/230/3/60	92,000	39	34	41	SPR	370	8.8	34.5	50	1 3/8	1/2
TTA090A30SF	Epoxy Coil	208-230/3/60	92,000	39	34	41	SPR	370					
TTA090A30RF	ReliaTel™	208-230/3/60	92,000	39	34	41	SPR	370					
TTA090A30TF	ReliaTel™, W/Epoxy Coil	208-230/3/60	92,000	39	34	41	SPR	370					
TTA120A300F	—	208/230/3/60	128,000	39	38	51	SPR	443	8.8	48.1	80	1 3/8	1/2
TTA120A30SF	Epoxy Coil	208-230/3/60	128,000	39	38	51	SPR	443					
TTA120A30RF	ReliaTel™	208-230/3/60	128,000	39	38	51	SPR	443					
TTA120A30TF	ReliaTel™, W/Epoxy Coil	208-230/3/60	128,000	39	38	51	SPR	443					
TTA090A400F	—	460/3/60	92,000	39	34	41	SPR	370	8.8	18.1	25	1 3/8	1/2
TTA090A40SF	Epoxy Coil	460/3/60	92,000	39	34	41	SPR	370					
TTA090A40RF	ReliaTel™	460/3/60	92,000	39	34	41	SPR	370					
TTA090A40TF	ReliaTel™, W/Epoxy Coil	460/3/60	92,000	39	34	41	SPR	370					
TTA120A400F	—	460/3/60	128,000	39	38	51	SPR	443	8.8	23.3	35	1 3/8	1/2
TTA120A40SF	Epoxy Coil	460/3/60	128,000	39	38	51	SPR	443					
TTA120A40RF	ReliaTel™	460/3/60	128,000	39	38	51	SPR	443					
TTA120A40TF	ReliaTel™, W/Epoxy Coil	460/3/60	128,000	39	38	51	SPR	443					
TTA090AW00F	—	575/3/60	92,000	39	34	41	SPR	370	8.8	14.5	20	1 3/8	1/2
TTA090AW0SF	Epoxy Coil	575/3/60	92,000	39	34	41	SPR	370					
TTA090AW0RF	ReliaTel™	575/3/60	92,000	39	34	41	SPR	370					
TTA090AW0TF	ReliaTel™, W/Epoxy Coil	575/3/60	92,000	39	34	41	SPR	370					
TTA120AW00F	—	575/3/60	128,000	39	38	51	SPR	443	8.8	18.8	25	1 3/8	1/2
TTA120AW0SF	Epoxy Coil	575/3/60	128,000	39	38	51	SPR	443					
TTA120AW0RF	ReliaTel™	575/3/60	128,000	39	38	51	SPR	443					
TTA120AW0TF	ReliaTel™, W/Epoxy Coil	575/3/60	128,000	39	38	51	SPR	443					

Ⓞ Sound rated in accordance with A.R.I. Standard 270.

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.



# Split System Cooling Three Phase - 10 through 20 Tons

Table SC-9-A — TTA Split System Cooling — Dual Compressor

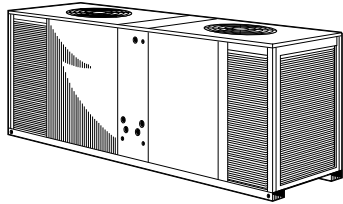
Model Number	Factory Installed Option	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions(in.)			Mfg. Plant	Shipping Weight (lbs.)	Sound <sup>Ⓞ</sup> Rating	MCA*	Max. Fuse*	Line Size	
				H	W	L						OD Gas	OD Liq.
TTA120B300E	—	208-230/3/60	126,000	39	38	51	SPR	481	8.8	47.9	60	1 <sup>1</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>8</sub>
TTA120B30SE	Epoxy Coil	208-230/3/60	126,000	39	38	51	SPR	481					
TTA120B30RE	ReliaTel™	208-230/3/60	126,000	39	38	51	SPR	481					
TTA120B30TE	ReliaTel™, w/Epoxy Coil	208-230/3/60	126,000	39	38	51	SPR	481					
TTA150B300E	—	208/230/3/60	148,000	39	38	51	SPR	481	8.8	55.5	70	1 <sup>1</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>8</sub>
TTA150B30SE	Epoxy Coil	208-230/3/60	148,000	39	38	51	SPR	481					
TTA150B30RE	ReliaTel™	208-230/3/60	148,000	39	38	51	SPR	481					
TTA150B30TE	ReliaTel™, w/Epoxy Coil	208-230/3/60	148,000	39	38	51	SPR	481					
TTA180B300F	—	208/230/3/60	182,000	39	34	88	SPR	764	8.8	62.7	80	1 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>
TTA180B30SF	Epoxy Coil	208-230/3/60	182,000	39	34	88	SPR	764					
TTA180B30RF	ReliaTel™	208-230/3/60	182,000	39	34	88	SPR	764					
TTA180B30TF	ReliaTel™, w/Epoxy Coil	208-230/3/60	182,000	39	34	88	SPR	764					
TTA240B300F	—	208/230/3/60	246,000	45	44	94	SPR	915	8.8	87.8	100	1 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>
TTA240B30SF	Epoxy Coil	208-230/3/60	246,000	45	44	94	SPR	948					
TTA240B30RF	ReliaTel™	208-230/3/60	246,000	45	44	94	SPR	948					
TTA240B30TF	ReliaTel™, w/Epoxy Coil	208-230/3/60	246,000	45	44	94	SPR	948					
TTA120B400E	—	460/3/60	126,000	39	38	51	SPR	481	8.8	23.9	30	1 <sup>1</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>8</sub>
TTA120B40SE	Epoxy Coil	460/3/60	126,000	39	38	51	SPR	481					
TTA120B40RE	ReliaTel™	460/3/60	126,000	39	38	51	SPR	481					
TTA120B40TE	ReliaTel™, w/Epoxy Coil	460/3/60	126,000	39	38	51	SPR	481					
TTA150B400E	—	460/3/60	148,000	39	38	51	SPR	481	8.8	28.1	35	1 <sup>1</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>8</sub>
TTA150B40SE	Epoxy Coil	460/3/60	148,000	39	38	51	SPR	481					
TTA150B40RE	ReliaTel™	460/3/60	148,000	39	38	51	SPR	481					
TTA150B40TE	ReliaTel™, w/Epoxy Coil	460/3/60	148,000	39	38	51	SPR	481					
TTA180B400F	—	460/3/60	182,000	39	34	88	SPR	764	8.8	32.9	45	1 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>
TTA180B40SF	Epoxy Coil	460/3/60	182,000	39	34	88	SPR	764					
TTA180B40RF	ReliaTel™	460/3/60	182,000	39	34	88	SPR	764					
TTA180B40TF	ReliaTel™, w/Epoxy Coil	460/3/60	182,000	39	34	88	SPR	764					
TTA240B400F	—	460/3/60	246,000	45	44	94	SPR	915	8.8	42.5	50	1 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>
TTA240B40SF	Epoxy Coil	460/3/60	246,000	45	44	94	SPR	915					
TTA240B40RF	ReliaTel™	460/3/60	246,000	45	44	94	SPR	915					
TTA240B40TF	ReliaTel™, w/Epoxy Coil	460/3/60	246,000	45	44	94	SPR	915					
TTA120BW00E	—	575/3/60	126,000	39	38	51	SPR	481	8.8	19.1	25	1 <sup>1</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>8</sub>
TTA120BW0SE	Epoxy Coil	575/3/60	126,000	39	38	51	SPR	481					
TTA120BW0RE	ReliaTel™	575/3/60	126,000	39	38	51	SPR	481					
TTA120BW0TE	ReliaTel™, w/Epoxy Coil	575/3/60	126,000	39	38	51	SPR	481					
TTA150BW00E	—	575/3/60	148,000	39	38	51	SPR	481	8.8	21.6	25	1 <sup>1</sup> / <sub>8</sub>	3 <sup>3</sup> / <sub>8</sub>
TTA150BW0SE	Epoxy Coil	575/3/60	148,000	39	38	51	SPR	481					
TTA150BW0RE	ReliaTel™	575/3/60	148,000	39	38	51	SPR	481					
TTA150BW0TE	ReliaTel™, w/Epoxy Coil	575/3/60	148,000	39	38	51	SPR	481					
TTA180BW00F	—	575/3/60	182,000	39	34	88	SPR	764	8.8	26.3	35	1 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>
TTA180BW0SF	Epoxy Coil	575/3/60	182,000	39	34	88	SPR	764					
TTA180BW0RF	ReliaTel™	575/3/60	182,000	39	34	88	SPR	764					
TTA180BW0TF	ReliaTel™, w/Epoxy Coil	575/3/60	182,000	39	34	88	SPR	764					
TTA240BW00F	—	575/3/60	246,000	45	44	94	SPR	915	8.8	34.2	45	1 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>
TTA240BW0SF	Epoxy Coil	575/3/60	246,000	45	44	94	SPR	915					
TTA240BW0RF	ReliaTel™	575/3/60	246,000	45	44	94	SPR	915					
TTA240BW0TF	ReliaTel™, w/Epoxy Coil	575/3/60	246,000	45	44	94	SPR	915					

Ⓞ Sound rated in accordance with A.R.I. Standard 270.

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.



# Split System Cooling Three Phase – 10 through 15 Tons



- ReliaTel™ or Electromechanical Controls
- (1) Scroll compressor (TTA090-120A)
- (2) Scroll compressors (TTA120-240B) with independent refrigerant circuits
- (2) Scroll compressors with unloading capability (TTA120 & 180C)
- Single point power supply
- Compressor motor overload protection
- Control transformer
- High and low pressure cut-out switches
- Internal pressure relief valve (TTA120C, 120B, 150B)
- Liquid line filter drier, factory installed
- Service valves with pressure taps
- Holding charge of Nitrogen
- Internal pressure relief valves (TTA120B,120C,150B)
- Copper tube, aluminum plate fin coils
- Low ambient cooling to 50°F as manufactured
- Low ambient cooling to 0°F with accessory head pressure control
- Mounting/lifting rails under base
- UL listed
- **5 Year Compressor Warranty (TTA090-120A;TTA120180B; TTA120 - 180C)**
- **1 Year Compressor Warranty (TTA240B)**
- **Optional Extended Warranties**

**Table SC-10-A — TTA Split System Cooling — Dual Manifolder Compressors with Single Refrigerant Circuits**

Model Number	Factory Installed Option	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions(in.)			Mfg. Plant	Shipping Weight (lbs.)	Sound <sup>Ⓞ</sup> Rating	MCA*	Max. Fuse*	Line Size	
				H	W	L						OD Gas	OD Liq.
TTA120C300G	—	208-230/3/60	126,000	39	38	51	SPR	492	8.8	49.4	60	1 <sup>3</sup> / <sub>8</sub>	1/2
TTA120C30SG	Epoxy Coil	208-230/3/60	126,000	39	38	51	SPR	492					
TTA120C30RG	ReliaTel™	208-230/3/60	126,000	39	38	51	SPR	492					
TTA120C30TG	ReliaTel™, w/Epoxy Coil	208-230/3/60	126,000	39	38	51	SPR	492					
TTA180C300G	—	208-230/3/60	182,000	39	34	88	SPR	764	8.8	62.7	80	1 <sup>5</sup> / <sub>8</sub>	5/8
TTA180C30SG	Epoxy Coil	208-230/3/60	182,000	39	34	88	SPR	764					
TTA180C30RG	ReliaTel™	208-230/3/60	182,000	39	34	88	SPR	764					
TTA180C30TG	ReliaTel™, w/Epoxy Coil	208-230/3/60	182,000	39	34	88	SPR	764					
TTA120C400G	—	460/3/60	126,000	39	38	51	SPR	492	8.8	25.2	30	1 <sup>3</sup> / <sub>8</sub>	1/2
TTA120C40SG	Epoxy Coil	460/3/60	126,000	39	38	51	SPR	492					
TTA120C40RG	ReliaTel™	460/3/60	126,000	39	38	51	SPR	492					
TTA120C40TG	ReliaTel™, w/Epoxy Coil	460/3/60	126,000	39	38	51	SPR	492					
TTA180C400G	—	460/3/60	182,000	39	34	88	SPR	764	8.8	32.9	45	1 <sup>5</sup> / <sub>8</sub>	5/8
TTA180C40SG	Epoxy Coil	460/3/60	182,000	39	34	88	SPR	764					
TTA180C40RG	ReliaTel™	460/3/60	182,000	39	34	88	SPR	764					
TTA180C40TG	ReliaTel™, w/Epoxy Coil	460/3/60	182,000	39	34	88	SPR	764					
TTA120CW00G	—	575/3/60	126,000	39	38	51	SPR	492	8.8	19.8	25	1 <sup>3</sup> / <sub>8</sub>	1/2
TTA120CW0SG	Epoxy Coil	575/3/60	126,000	39	38	51	SPR	492					
TTA120CW0RG	ReliaTel™	575/3/60	126,000	39	38	51	SPR	492					
TTA120CW0TG	ReliaTel™, w/Epoxy Coil	575/3/60	126,000	39	38	51	SPR	492					
TTA180CW00G	—	575/3/60	182,000	39	34	88	SPR	764	8.8	26.3	35	1 <sup>5</sup> / <sub>8</sub>	5/8
TTA180CW0SG	Epoxy Coil	575/3/60	182,000	39	34	88	SPR	764					
TTA180CW0RG	ReliaTel™	575/3/60	182,000	39	34	88	SPR	764					
TTA180CW0TG	ReliaTel™, w/Epoxy Coil	575/3/60	182,000	39	34	88	SPR	764					

<sup>Ⓞ</sup> Sound rated in accordance with A.R.I. Standard 270.

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.



# Split System Cooling Three Phase – 7½ through 20 Tons

**Table SC-11-A — Optional Accessories for 7½ through 20 tons**

Model Number	Description	Used With
ASYSTAT661B⑦	Single Setpoint Manual Changeover Zone Sensor	TTA090A_OR, OT Thru TTA240B_OR, OT,
ASYSTAT663B⑦	Dual Setpoint Manual or Auto Changeover Zone Sensor	TTA090A_OR, OT Thru TTA240B_OR, OT
ASYSTAT669A⑦	Wall Mounted Zone Sensor for Remote Sensing	TTA090A_OR, OT Thru TTA240B_OR, OT
ASYSTAT666C⑦	Programmable Zone Sensor NSB Panel	TTA090A_OR, OT Thru TTA240B_OR, OT
ASYSTAT708A⑦	Remote Wall Sensor used with ASYSTAT709A	TTA090A_OR, OT Thru TTA240B_OR, OT
ASYSTAT706A⑦	Remote Wall Sensor used with ASYSTAT705B	TTA090A-TTA240B
ASYSTAT709A⑦	Digital Zone Sensor with LCD Display	TTA090A_OR, OT Thru TTA240B_OR, OT
BAY24X042	Fan Control Relay	TTA090-120A,120-240B;120-180C
BAYASCT001⑩⑪	Anti-Short-Cycle Timer	TTA090-120A;120-240B,120-180C
BAYGARD024A	Coil Guard Kit	TTA090A
BAYGARD026A	Coil Guard Kit	TTA150B; TTA120A, B, C
BAYGARD039A	Coil Guard Kit	TTA180B,C
BAYGARD042A	Coil Guard Kit	TTA240B
BAYHGBP002C⑦	Hot Gas Bypass Kit	TTA090-120A
BAYHGBP003C⑦⑧	Hot Gas Bypass Kit	TTA180B,C, TTA240B, TTA120C;TTA120,150B
BAYISLT004A	Rubber-In-Shear Isolators	TTA090A
BAYISLT005A	Rubber-In-Shear Isolators	TTA120A,B,C
BAYISLT009A	Rubber-In-Shear Isolators	TTA150-180B; TTA180C
BAYISLT010A	Rubber-In-Shear Isolators	TTA240B
BAYISLT023A	Steel Spring Isolators	TTA090-120A;120-150B,120C
BAYISLT024A	Steel Spring Isolators	TTA180B, TTA180C
BAYISLT025A	Steel Spring Isolators	TTA240B
BAYLOAM015A②	Head Pressure Control - 575V	TTA090-180AW,BW,CW
BAYLOAM326A②	Head Pressure Ctrl - 230V	TTA090A3
BAYLOAM327A②	Head Pressure Ctrl - 230V	TTA120A3,B3;150B3, 120C3
BAYLOAM328A②⑧	Head Pressure Ctrl - 230V	TTA240B3
BAYLOAM329A②⑧	Head Pressure Ctrl - 230V	TTA180B3, C3
BAYLOAM425A②	Head Pressure Ctrl - 460V	TTA090A4
BAYLOAM426A②	Head Pressure Ctrl - 460V	TTA120A4, B4;150B4, 120C4
BAYLOAM427A②⑧	Head Pressure Ctrl - 460V	TTA240B4
BAYLOAM428A②⑧	Head Pressure Ctrl - 460V	TTA180B4,C4
BAYLOAMW22A	Head Pressure Control - 575V	TTA120,150,240AW,BW,CW
BAYRLAY002③	Time Delay Relay	TTA120-240B; TTA120-180C
BAYSTAT033A	ODT 45°F to -10°F	TTA090-120A, TTA120-240B, TTA120-180C
Black Epoxy Condenser Coil③④		TTA090-120A, TTA120-240B, TTA120-180C

**Table SC-11-B — Thermostats for 7½ through 20 tons**

Model Number	Description	Used With
ACONT200AN11AA	Electronic 1 Htg/1 Cool (non-prog)	TTA090A, 120A
ASYSTAT610③	1 Stage Heating/Cooling (Manual or Auto w/subbase)	TTA090-120A
ASYSTAT611⑧⑦	Auto 2 Stage Heating/Cooling	TTA090-120A,120-240B,120-180C
ASYSTAT617⑩	Subbase - Manual Changeover	ASYSTAT610, 611
ASYSTAT616③	Subbase - Automatic Changeover	ASYSTAT610, 611
ASYSTAT705B⑧⑦	Programmable Thermostat for use with BAYBASE006A or BAYBASE008A	TTA090A-TTA240B
BAYBASE006A⑦	Subbase - 2 Stage Heat/Cool for use with ASYSTAT705B	TTA090A-TTA240B
BAYBASE008A⑦	Subbase - 1 Stage Heat/Cool for use with ASYSTAT705B	TTA090A-TTA120A
BAYSENS034A⑦	Remote Duct Sensor for use with ASYSTAT705B	TTA090A-TTA240B

① Condensing unit must be on same level as or below Air Handler. Contact Application Engineer, Clarksville before using any other configuration. Some field modification required (see kit installer guide).

② Qty 2 required on TTA180,240B;TTA180C.

③ Do not use with programmable thermostats.

④ Order by changing 10th digit in model number to S. Example TTA090A30SE.

⑤ Does have extended ship time. Confirm exact time through your Customer Service Representative.

⑥ Kits mount internal to OD unit & operate by sensing liquid line temperature.

⑦ Option is compatible for units with ReliaTel™ Controls.

⑧ Requires Subbase.

⑨ Requires BAY24X042 relay kit when used with electric heat.

⑩ Specifically designed for electric heat applications (instant on fan).

⑪ Activated or Power On.



# 7 1/2 - 20 Tons with ReliaTel™ Controls TTA090-120A, TTA120-240B, TTA120-180C

## Protection/Operation Timings and Features

**Anti Short Cycle Timer (ASCT) Function** — Provides a three (3) minute minimum “ON” time and a three (3) minute minimum “OFF” time for compressors, enhances compressor reliability by ensuring proper oil return. **Standard**

**Built In Fan Delay Relay (FDR) Function** — Provides custom indoor fan timing sequences for the different types of equipment, enhancing efficiency and reliability. **Standard**

**Built In Night Set Back and Unoccupied Functions**① — When using a standard dual setpoint/auto change over Zone Sensor Module (ZSM), this function is enabled by applying a short across terminal J6-11 and J6-12. Sets cooling setpoint up a minimum of 7°F, sets heating setpoint back a minimum of 7°F, and forces fan operation to automatic. **(requires time clock accessory or field supplied/installed switch or contacts).**

**Built In “TEST” Mode** — Aids in quick verification of system and control operation, exercises both hardware and software (no special tools required). **Standard**

**Built In Unoccupied Mode**① — When using a standard single setpoint/manual change over Zone Sensor Module (ZSM), this function is enabled by applying a short across terminal J6-11 and J6-12. Forces fan operation to automatic. **(requires time clock accessory or field supplied/installed switch or contacts.)**

**Direct Digital Control (DDC)**① — Proportional Integral (PI) control. Proportional – sets corrective action proportional to deviation from setpoint. Integral – fine tunes the rate of corrective action proportional to the error (results in superior space temperature control). **Standard**

**Increased Reliability** — Fewer components (moving electro-mechanical parts), less likelihood of equipment down time or failure. **Standard**

**Integral Electric Heat Staging**① — Stages electric heaters “OFF” and “ON”, eliminating the use of outdated sequencers. **Standard**

**Intelligent Fallback**① — A built in Default Control provides adaptive operation, which allows the equipment to continue to operate, providing comfort in the event of certain component failures. Also, allows emergency operation without a Zone Sensor Module (ZSM). **Standard**

**Low Ambient Start Timer (LAST) Function** — Bypasses low pressure control when a compressor starts, eliminating nuisance compressor lock outs. **Standard**

**Lower Installation Cost** — Using a standard Zone Sensor Module (ZSM), control voltage wiring may be run up to five (5) times further than any electromechanical system, with no increase in wire gauge. Example: Electromechanical System – 30 feet maximum using 22 gauge wire. Micro Control System – 150 feet using 22 gauge wire. **Standard**

**On Board Diagnostics**① — Assist with equipment troubleshooting, if a problem occurrence should take place. **Standard**

**Remote Sensing**① — All standard Zone Sensor Modules (ZSMs) have remote sensing capabilities, typically achieved by using an expensive program-mable thermostat and remote sensor with electromechanical equipment. **Accessory (requires use of remote sensor).**

**Space Temperature Averaging**① — All standard Zone Sensor Modules (ZSMs) have space temperature averaging capabilities, typically achieved by using an expensive programmable thermostat and minimum of four (4) remote sensors with electromechanical equipment. **Averaging with ReliaTel™ can be achieved with two (2) sensors.**

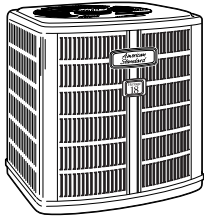
**Time Delay Relay (TDR) Function** — Provides an incremental staging delay between compressors, minimizes equipment current inrush and consumption by keeping compressors from starting simultaneously. **Standard**

**Low Pressure and High Pressure Compressor Lockout** — 3 trips will lockout control.

① Denotes features lost from utilizing standard conventional stat.

*American Standard*

# Split System Heat Pumps Single Phase – 1½ through 5 Tons

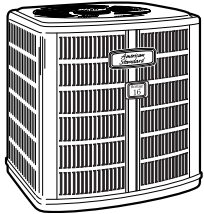


Heritage 18 (2A6H8)

**Table SH-1-A — Heritage 18 Split System Heat Pump — Single Phase**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Metering Device	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating <sup>Ⓛ</sup>	MCA*	Max. Fuse*	Line Size	
				H	W	D					OD Gas	OD Liq.
2A6H8030B1000A	200-230/1/60	30,000	TXV-NB	41	37	34	410	74	19	30	7/8	3/8
2A6H8036B1000A	200-230/1/60	36,000	TXV-NB	41	37	34	407	74	22	35	7/8	3/8
2A6H8048B1000A	200-230/1/60	48,000	TXV-NB	41	37	34	415	74	25	40	1 1/8	3/8
2A6H8060B1000A	200-230/1/60	60,000	TXV-NB	41	37	34	422	74	37	60	1 1/8	3/8

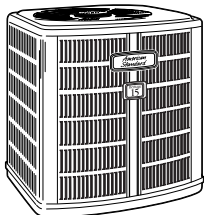
Note: Because of limited capabilities, please refer to product data for approved combinations.



Heritage 16 (4A6H6)

**Table SH-1-B — Heritage 16 Split System Heat Pump — Single Phase**

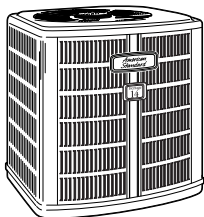
Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Metering Device	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating <sup>Ⓛ</sup>	MCA*	Max. Fuse*	Line Size	
				H	W	D					OD Gas	OD Liq.
4A6H6024B1000A	230/1/60	24,000	TXV-NB	37	33	30	239	71	13	20	5/8	5/16
4A6H6036B1000A	230/1/60	36,000	TXV-NB	37	37	34	273	74	24	40	3/4	3/8
4A6H6048B1000A	230/1/60	48,000	TXV-NB	41	37	34	288	74	29	50	7/8	3/8
4A6H6060B1000A	230/1/60	60,000	TXV-NB	41	37	34	330	74	35	60	7/8	3/8



Heritage 15 (2A6H5)

**Table SH-1-C — Heritage 15 Split System Heat Pump — Single Phase**

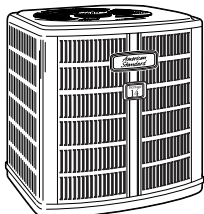
Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Metering Device	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating <sup>Ⓛ</sup>	MCA*	Max. Fuse*	Line Size	
				H	W	D					OD Gas	OD Liq.
2A6H5024A1000A	208-230	24,000	TXV-NB	33	37	34	242	74	14	20	3/4	5/16
2A6H5030A1000A	208-230	30,000	TXV-NB	37	37	34	258	71	20	30	3/4	5/16
2A6H5036A1000A	208-230	36,000	TXV-NB	41	37	34	272	74	20	30	7/8	3/8
2A6H5042A1000A	208-230	42,000	TXV-NB	41	37	34	281	72	23	35	7/8	3/8
2A6H5048A1000A	208-230	48,000	TXV-NB	41	37	34	309	74	26	40	1 1/8	3/8



Heritage 14 (2A6H4)

**Table SH-1-D — Heritage 14 Split System Heat Pump — Single Phase**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Metering Device	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating <sup>Ⓛ</sup>	MCA*	Max. Fuse*	Line Size	
				H	W	D					OD Gas	OD Liq.
2A6H4018B1000A	200-230/1/60	18,000	TXV-NB	33	33	30	221	74	8	15	5/8	1/4
2A6H4024B1000A	200-230/1/60	24,000	TXV-NB	37	33	30	235	74	11	15	3/4	5/16
2A6H4030B1000A	208-230/1/60	30,000	TXV-NB	33	37	34	244	73	18	30	3/4	5/16
2A6H4036B1000A	208-230/1/60	36,000	TXV-NB	37	37	34	262	74	21	35	7/8	3/8
2A6H4042B1000A	208-230/1/60	42,000	TXV-NB	41	37	34	276	74	24	40	7/8	3/8
2A6H4048B1000A	208-230/1/60	48,000	TXV-NB	41	37	34	281	74	28	45	1 1/8	3/8
2A6H4060B1000A	208-230/1/60	60,000	TXV-NB	41	37	34	308	74	34	50	1 1/8	3/8



Heritage 14 (4A6H4)

**Table SH-1-E — Heritage 14 Split System Heat Pump — Single Phase**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Metering Device	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating <sup>Ⓛ</sup>	MCA*	Max. Fuse*	Line Size	
				H	W	D					OD Gas	OD Liq.
4A6H4018B1000A	200-230/1/60	18,000	TXV-NB	33	33	30	224	71	10	15	1/2	1/4
4A6H4024B1000A	200-230/1/60	24,000	TXV-NB	33	33	30	239	74	13	20	5/8	5/16
4A6H4030B1000A	208-230/1/60	30,000	TXV-NB	41	37	34	242	71	20	30	3/4	5/16
4A6H4036B1000A	208-230/1/60	36,000	TXV-NB	37	37	34	259	74	21	35	3/4	3/8
4A6H4042B1000A	208-230/1/60	42,000	TXV-NB	41	37	34	274	74	25	40	3/4	3/8
4A6H4048B1000A	208-230/1/60	48,000	TXV-NB	41	37	34	280	74	30	50	7/8	3/8
4A6H4060B1000A	208-230/1/60	60,000	TXV-NB	41	37	34	318	74	36	60	7/8	3/8

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

\*\* Rated in accordance with ARI Standard 270, section 5.3.6.



# Split System Heat Pumps Single Phase – 1½ through 5 Tons

## Heritage

**Table SH-2-A — Features**

	18 (2A6H8)	16 (4A6H6)	15 (2A6H5)	14 (2A6H4)	14 (4A6H4)
• SEER's up to .....	17.7	17.00	16.00	15.5	15
• HSPF's up to .....	8.9	9.85	9.05	8.90	9.85
• <b>Duration™</b> compressor .....	2	1 - staged	✓	✓	✓
• <b>Comfort™R™</b> mode approved .....	✓	✓	✓	✓	✓
• <b>DuraBase™</b> base, fast complete drain, weatherproof .....	✓	✓	✓	✓	✓
• <b>Easy-Sess™</b> cabinet, service access & refrigerant connections with full coil protection .....	✓	✓	✓	✓	✓
• <b>Spine Fin™</b> coil .....	✓	✓	✓	✓	✓
• Compressor sump - factory installed .....	2½-5	2-5	2-4	1½-5	1½-5
• Demand Defrost Control w/Lite Port/Stored Diagnostics .....	✓	✓	✓	✓	✓
• Quick start kit-factory installed .....	2½-5	2-5	—	1½-5	1½-
• Compressor sound enclosures .....	2½-5	2-5	2-4	1½-5	1½-5
• Factory supplied charge .....	R-22	R-410A	R-22	R-410A	R-22
• Glossy corrosion resistant finish .....	✓	✓	✓	✓	✓
• High pressure switch .....	—	✓	✓	✓	—
• Internal high / low pressure & temperature protection .....	✓	✓	✓	✓	✓
• Liquid line filter drier - factory installed .....	✓	✓	✓	✓	✓
• Seacoast shield .....	✓	✓	✓	✓	✓
• Spinnaker gray cabinet .....	✓	✓	✓	✓	✓
• 10-year limited warranty on compressor, outdoor coil & and 5 years on parts (Residential) .....	✓	✓	✓	✓	✓
• <b>Extended warranties available</b> .....	✓	✓	✓	✓	✓

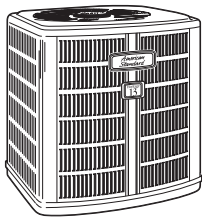
**Table SH-2-B — Optional Accessories**

AY28X084 .....	Evaporator defrost control .....	✓	✓	✓	✓	✓
BAYECMT001 .....	Extreme conditions mounting kit .....	—	✓	✓	✓	✓
BAYINS001 .....	Insulation Kit .....	✓	✓	✓	✓	✓
BAYISLT101 .....	Rubber Isolators .....	✓	✓	✓	✓	✓
BAYKSKT260 .....	Quick start kit (Scroll Compressors) .....	—	3-4	2-4	2½-4	2½-4
BAYLEGS002 .....	Snow Legs - Base and Cap 6" High (Black) .....	✓	✓	✓	✓	✓
BAYLEGS003 .....	4" extension (Black) .....	✓	✓	✓	✓	✓
BAYSEAC001 .....	Seacoast Kit .....	✓	✓	✓	✓	✓
TAYASCT501AⓄ .....	Anti-Short Cycle Timer .....	✓	✓	✓	✓	✓
TAYPLUS103A .....	Heat Pump Control Kit .....	✓	✓	✓	✓	✓

**Comfort Controls — See Comfort Controls/Zone Sensors Section**

# American Standard

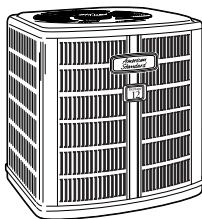
## Split System Heat Pumps Single Phase – 1½ through 5 Tons



Heritage 13 (2A6H3)

Table SH-3-A — Heritage 13 Split System Heat Pump — Single Phase

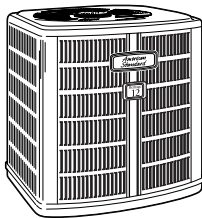
Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Metering Device	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating <sup>Ⓞ</sup>	MCA*	Max. Fuse*	Line Size	
				H	W	D					OD Gas	OD Liq.
2A6H3018A1000A	200/230/1/60	18,000	TXV-NB	33	29	26	201	73	8	15	5/8	1/4
2A6H3024A1000A	200/230/1/60	24,000	TXV-NB	33	29	26	203	76	12	20	3/4	5/16
2A6H3030A1000A	200/230/1/60	30,000	TXV-NB	37	33	30	234	76	13	20	3/4	5/16
2A6H3036A1000A	200/230/1/60	36,000	TXV-NB	37	37	34	281	76	19	30	7/8	3/8
2A6H3042A1000A	200/230/1/60	42,000	TXV-NB	41	37	34	300	78	21	35	7/8	3/8
2A6H3048A1000A	200/230/1/60	48,000	TXV-NB	41	37	34	301	76	25	40	1 1/8	3/8
2A6H3060A1000A	208/230/1/60	60,000	TXV-NB	41	37	34	312	73	32	50	1 1/8	3/8



Heritage 12 (4A6H2)

Table SH-3-B— Heritage 12 Split System Heat Pump — Single Phase

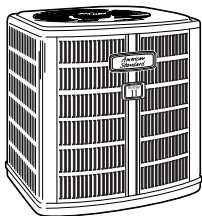
Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Required FCCV Size	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating <sup>Ⓞ</sup>	MCA*	Max. Fuse*	Line Size	
				H	W	D					OD Gas	OD Liq.
4A6H2018A1000A	200-230/1/60	18,000	.047	33	33	30	209	77	10	15	1/2	1/4
4A6H2024A1000A	200-230/1/60	24,000	.053	33	33	30	213	78	14	20	5/8	5/16
4A6H2030A1000A	208-230/1/60	30,000	.059	33	33	30	222	74	20	30	3/4	5/16
4A6H2036A1000A	208-230/1/60	36,000	.063	41	33	30	245	77	21	35	3/4	3/8
4A6H2042A1000A	208-230/1/60	42,000	.069	41	33	30	250	79	26	45	3/4	3/8
4A6H2048A1000A	208-230/1/60	48,000	.075	33	37	34	255	79	30	50	7/8	3/8
4A6H2060A1000A	208-230/1/60	60,000	②	41	37	34	287	81	36	60	7/8	3/8



Heritage 12 (2A6H2)

Table SH-3-C— Heritage 12 Split System Heat Pump — Single Phase

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Required FCCV Size	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating <sup>Ⓞ</sup>	MCA*	Max. Fuse*	Line Size	
				H	W	D					OD Gas	OD Liq.
2A6H2018A1000A	200-230/1/60	18,000	.049	26	29	26	174	79	10	15	5/8	1/4
2A6H2024A1000A	200-230/1/60	24,000	.059	29	29	26	190	78	13	20	3/4	5/16
2A6H2030A1000A	208-230/1/60	30,000	.065	29	29	26	186	79	18	30	3/4	5/16
2A6H2036A1000A	208-230/1/60	36,000	.071	33	33	30	226	77	21	35	7/8	3/8
2A6H2042A1000A	208-230/1/60	42,000	.077	33	33	30	221	79	24	40	7/8	3/8
2A6H2048A1000A	208-230/1/60	48,000	.086	37	33	30	249	79	26	45	1 1/8	3/8
2A6H2060A1000A	208-230/1/60	60,000	②	41	37	34	307	80	37	60	1 1/8	3/8



Heritage 11 (2A6H1)

Table SH-3-D— Heritage 11 Split System Heat Pump — Single Phase

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Required FCCV Size	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating <sup>Ⓞ</sup>	MCA*	Max. Fuse*	Line Size	
				H	W	D					OD Gas	OD Liq.
2A6H1018A1000A	200-230/1/60	18,000	.049	26	29	26	166	77	10	15	5/8	1/4
2A6H1024A1000A	200-230/1/60	24,000	.057	26	29	26	174	77	15	25	3/4	5/16
2A6H1030A1000A	200-230/1/60	30,000	.069	29	29	26	185	79	18	30	3/4	5/16
2A6H1036A1000A	200-230/1/60	36,000	.069	29	29	26	188	79	21	35	7/8	3/8
2A6H1042A1000A	200-230/1/60	42,000	.077	33	33	30	246	79	23	40	7/8	3/8
2A6H1048A1000A	200-230/1/60	48,000	.083	33	33	30	251	80	30	50	1 1/8	3/8
2A6H1060A1000A	200-230/1/60	60,000	②	33	37	34	283	81	34	50	1 1/8	3/8

① Sound Rated in accordance with A.R.I. Standard 270 (section 5.3.6).

② Indoor Metering Device TXV Only.

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.





# Split System Heat Pumps Single Phase – 1½ through 5 Tons

## Heritage

Table SH-4-A — Features

	13 (2A6H3)	12 (4A6H2)	12 (2A6H2)	11 (2A6H1)
• SEER's up to .....	14.0	13.0	13.0	11.5
• HSPF's up to .....	8.50	9.25	9.5	8.3
• <b>Duration™</b> compressor .....	✓	✓	✓	✓
• <b>Comfort™R™</b> mode approved .....	✓	✓	✓	✓
• <b>DuraBase™</b> base, fast complete drain, weatherproof .....	✓	✓	✓	✓
• <b>Easy-Sess™</b> cabinet, service access & refrigerant connections with full coil protection .....	✓	✓	✓	✓
• <b>Spine Fin™</b> coil .....	✓	✓	✓	✓
• Compressor sump - factory installed .....	1½-5	1½-2 & 5	1½-2 & 4-5	1½-5
• Demand Defrost Control w/Lite Port/Stored Diagnostics .....	✓	✓	✓	✓
• Quick start kit-factory installed .....	1½-5	1½-2 & 5	1½-2	—
• Low Pressure Switch .....	✓	—	—	—
• Factory supplied charge .....	R-22	R-410A	R-22	R-22
• Glossy corrosion resistant finish .....	✓	✓	✓	✓
• High pressure switch .....	—	—	✓	✓
• Internal high / low pressure & temperature protection .....	✓	✓	✓	✓
• Liquid line filter drier - factory installed .....	✓	✓	✓	✓
• Spinnaker gray cabinet .....	✓	✓	✓	✓
• 10-year limited warranty on compressor, outdoor coil & 5 years on parts (Residential) .....	✓	✓	✓	✓
• <b>Extended warranties available</b> .....	✓	✓	✓	✓

Table SH-4-B — Optional Accessories

AY28X084 .....	Evaporator defrost control .....	✓	✓	✓	✓
BAYCCHT301 .....	Crankcase Heater Kit .....	—	2½-4	2½-3½	—
BAYECMT001 .....	Extreme Conditions Mounting Kit .....	✓	✓	✓	✓
BAYINS001 .....	Insulation Kit .....	✓	✓	✓	✓
BAYISLT101 .....	Rubber Isolators .....	✓	✓	✓	✓
BAYKSKT257 .....	Quick start kit (Reciprocating Compressors) .....	—	—	—	1½-5
BAYKSKT260 .....	Quick start kit (Scroll Compressors) .....	—	2½-4	2½-4	—
BAYLEGS002A .....	Snow Legs Base and Cap 6" High (Black) .....	✓	✓	✓	✓
BAYLEGS003A .....	4" Extension (Black) .....	✓	✓	✓	✓
BAYSDEN003 .....	Small Scroll Compressor Enclosures .....	—	—	2½-4	—
BAYSDEN004 .....	Large Scroll Compressor Enclosures .....	—	—	5	—
BAYSEAC001 .....	Seacoast Kit .....	✓	✓	✓	✓
TAYASCT501AⓄ .....	Anti-Short Cycle Timer .....	✓	✓	✓	✓
TAYPLUS103A .....	Heat Pump Control Kit .....	✓	✓	✓	✓

Table SH-4-C — Comfort Controls

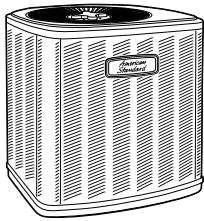
ACONT402A .....	3 Heat/2 Cool (Heat Pump/A/C) .....	See Comfort Controls/ Zone Sensors Section	✓	✓	✓
ACONT600A .....	2 Heat/2 Cool (Heat Pump/A/C) .....		✓	✓	✓
ACONT802A .....	3 Heat/2 Cool (Heat Pump/A/C) .....		✓	✓	✓
ACONT803A .....	3 Heat/2Cool (Heat Pump/A/C) w/ Humidity Control .....		✓	✓	✓
ASYSTAT500C .....	7 Day Program 3 StageHeat/3 Stage Cool .....		✓	✓	✓
ASYSTAT570 .....	Electronic, 2 Heat/1 Cool (Non Prog.) .....		✓	✓	✓
ASYSTAT575 .....	Electronic 3Htg./2Clg. (Non Prog.) .....		✓	✓	✓
ASYSTAT650B .....	2 Heat/1 Cool Automatic changeover .....		✓	✓	✓
ASYSTAT653A .....	Deluxe 3Htg./2Clg. Auto/Manual .....		✓	✓	✓
ASYSTAT655A .....	2 Heat/1 Cool Manual changeover .....		✓	✓	✓
ASYSTAT656 .....	Prog. Electronic Setback .....		✓	✓	✓
ASYSTST540 .....	5/2 Prog. 2Htg./1Clg. .....		✓	✓	✓
TAYSENS200AⓄ .....	Outdoor Temperature Sensor (without case) .....		✓	✓	✓
TAYSTAT250B .....	Outdoor Thermostat .....		✓	✓	✓

Ⓞ Do not use with programmable thermostats.

Ⓞ Use with ASYSTAT500C.

# American Standard

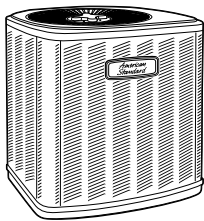
## Split System Heat Pumps Three Phase – 1½ through 5 Tons



13 SEER

**Table SH-5-A — 13 SEER Split System Heat Pump — Single Phase**

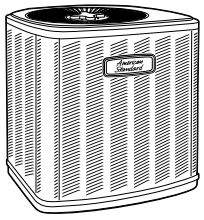
Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Metering Device	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating <sup>Ⓛ</sup>	MCA*	Max. Fuse*	Line Size	
				H	W	D					OD Gas	OD Liq.
2A6C3030A3000A	200-230/3/60	30,000	TVX-NB	37	33	30	234	77	9	15	3/4	5/16
2A6C3036A3000A	200-230/3/60	36,000	TVX-NB	37	37	34	281	79	11	15	7/8	3/8
2A6C3042A3000A	200-230/3/60	42,000	TVX-NB	41	37	34	300	80	13	20	7/8	3/8
2A6C3048A3000A	200-230/3/60	48,000	TVX-NB	41	37	34	301	78	16	25	1 1/8	3/8
2A6C3060A3000A	200-230/3/60	60,000	TVX-NB	41	37	34	312	73	23	40	1 1/8	3/8
2A6C3030A4000A	460/3/60	30,000	TVX-NB	37	33	30	234	77	5	15	3/4	5/16
2A6C3036A4000A	460/3/60	36,000	TVX-NB	37	37	34	281	79	6	15	7/8	3/8
2A6C3042A4000A	460/3/60	42,000	TVX-NB	41	37	34	300	80	7	15	7/8	3/8
2A6C3048A4000A	460/3/60	48,000	TVX-NB	41	37	34	301	78	9	15	1 1/8	3/8
2A6C3060A4000A	460/3/60	48,000	TVX-NB	41	37	34	312	73	11	15	1 1/8	3/8



12 SEER

**Table SH-5-B — 12 SEER Split System Heat Pump - Three Phase**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Required FCCV Size	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating <sup>Ⓛ</sup>	MCA*	Max. Fuse*	Line Size	
				H	W	D					OD Gas	OD Liq.
2A6C2030A3000A	200-230/3/60	30,000	.065	29	29	26	185	79	12	20	3/4	5/16
2A6C2036A3000A	200-230/3/60	36,000	.071	33	33	30	228	77	14	20	7/8	3/8
2A6C2042A3000A	200-230/3/60	42,000	.077	33	33	30	224	79	17	25	7/8	3/8
2A6C2048A3000A	200-230/3/60	48,000	.086	37	33	30	251	79	20	30	1 1/8	3/8
2A6C2060A3000A	200-230/3/60	60,000	②	41	37	34	303	80	23	40	1 1/8	3/8
2A6C2030A4000A	460/3/60	30,000	.065	29	29	26	188	79	6	15	3/4	5/16
2A6C2036A4000A	460/3/60	36,000	.071	33	33	30	228	77	7	15	7/8	3/8
2A6C2042A4000A	460/3/60	42,000	.077	33	33	30	224	79	8	15	7/8	3/8
2A6C2048A4000A	460/3/60	48,000	.086	37	33	30	250	79	10	15	1 1/8	3/8
2A6C2060A4000A	460/3/60	60,000	②	41	37	34	303	80	12	20	1 1/8	3/8



10 SEER

**Table SH-5-C — 10 SEER Split System Heat Pump - Three Phase**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Required FCCV Size	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating <sup>Ⓛ</sup>	MCA*	Max. Fuse*	Line Size	
				H	W	D					OD Gas	OD Liq.
2A6C0030A3000A	200-230/3/60	30,000	.069	29	29	26	193	82	13	20	3/4	5/16
2A6C0036A3000A	200-230/3/60	36,000	.069	29	29	26	192	80	15	25	7/8	3/8
2A6C0042A3000A	200-230/3/60	42,000	.077	33	33	30	250	81	17	30	7/8	3/8
2A6C0048A3000A	200-230/3/60	48,000	.083	33	33	30	254	81	19	30	1 1/8	3/8
2A6C0060A3000A	200-230/3/60	60,000	②	33	37	34	289	84	25	40	1 1/8	3/8
2A6C0072A3000A	200-230/3/60	72,000	②	41	37	34	327	81	25	40	1 1/8	3/8
2A6C0030A4000A	460/3/60	30,000	.069	29	29	26	193	82	7	15	3/4	5/16
2A6C0036A4000A	460/3/60	36,000	.069	29	29	26	192	77	7	15	7/8	3/8
2A6C0042A4000A	460/3/60	42,000	.077	33	33	30	250	81	9	15	7/8	3/8
2A6C0048A4000A	460/3/60	48,000	.083	33	33	30	254	81	10	15	1 1/8	3/8
2A6C0060A4000A	460/3/60	60,000	②	33	37	34	289	84	12	20	1 1/8	3/8
2A6C0072A4000A	460/3/60	72,000	②	41	37	34	327	81	14	20	1 1/8	3/8

Ⓛ Sound Rated in accordance with A.R.I. Standard 270 (section 5.3.6).

② Indoor Metering Device TXV Only.

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.



# Split System Heat Pumps Three Phase – 1½ through 5 Tons

Table SH-6-A — Features	13 (2A6C3)	12 (2A6C2)	10 (2A6C0)
• SEER's up to .....	13.00	12.5	10.5
• HSPF's up to .....	8.5	9.75	8.70
• <b>Duration™</b> compressor .....	✓	✓	✓
• <b>Comfort'R™</b> mode approved .....	✓	✓	✓
• <b>DuraBase™</b> base, fast complete drain, weatherproof .....	✓	✓	✓
• <b>Easy-Sess™</b> cabinet, service access & refrigerant connections with full coil protection .....	✓	✓	✓
• <b>Spine Fin™</b> coil .....	✓	✓	✓
• Compressor sump - factory installed .....	✓	✓	✓
• Demand Defrost Control w/Lite Port/Stored Diagnostics .....	✓	2½-5	2½-6
• Factory supplied charge .....	R-22	R-22	R-22
• Glossy corrosion resistant finish .....	✓	✓	✓
• Liquid line filter drier - factory installed .....	✓	✓	✓
• Low pressure switch .....	✓	✓	✓
• Internal high / low pressure & temperature protection .....	✓	✓	✓
• Poly Slate gray cabinet .....	✓	✓	✓
• 5-year limited warranty on compressor, outdoor coil & 1 year on parts (Commercial) .....	✓	✓	✓
• 5-year limited warranty on compressor, outdoor coil & 5 years on parts (Residential) .....	✓	✓	✓
• <b>Extended warranties available</b> .....	✓	✓	✓

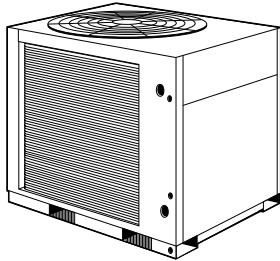
Table SH-6-B — Optional Accessories			
AY28X084 .....	Evaporator defrost control .....	✓	✓
BAYECMT001 .....	Extreme Conditions Mounting Kit .....	✓	✓
BAYINS001 .....	Insulation Kit .....	✓	✓
BAYISLT101 .....	Rubber Isolators .....	✓	✓
BAYLEGS002 .....	Snow Legs - Base and Cap - 6" (Black) .....	✓	✓
BAYLEGS003 .....	4" Extension (used with BAYLEGS002) (Black) .....	✓	✓
BAYLOAM103 .....	Electronic Head Pressure Control .....	✓	✓
BAYSDEN001 .....	Single Cylinder Compressor Enclosures .....	2½	2½-3
BAYSDEN002 .....	Two Cylinder Compressor Enclosures .....	3-4	3½-5
BAYSDEN003 .....	Small Scroll Compressor Enclosures .....	—	5
BAYSDEN004 .....	Large Scroll Compressor Enclosures .....	5	6
BAYSEAC001 .....	Seacoast Kit .....	✓	✓
TAYASCT501AⓄ .....	Anti-Short Cycle Timer .....	✓	✓

Table SH-6-C — Comfort Controls			
ACONT402A .....	3 Heat/2 Cool (Heat Pump/A/C) .....	✓	✓
ACONT600A .....	2 Heat/2 Cool (Heat Pump/A/C) .....	✓	✓
ACONT802A .....	3 Heat/2 Cool (Heat Pump/A/C) .....	✓	✓
ACONT803A .....	3 Heat/2Cool (Heat Pump/A/C) w/ Humidity Control .....	✓	✓
ASYSTAT570 .....	Electronic, 2 Heat / 1 Cool (Non-Programmable) .....	✓	✓
ASYSTAT625A .....	Humidistat .....	✓	✓
ASYSTAT650 .....	Automatic Heat / Cool Programmable Thermostat .....	✓	✓
ASYSTAT655A .....	2 Heat / 1 Cool Manual Changeover .....	✓	✓
BAY28X190 .....	Thermostat Cover .....	✓	✓
TAYSTAT250B .....	Outdoor Thermostat .....	✓	✓

Ⓞ Do not use with programmable thermostats



# Split System Heat Pumps Three Phase – 7½ through 20 Tons



## TWA — Split System Heat Pump Three Phase – 7½ - 10 Ton

- Scroll compressor
- Compressor motor overload protection
- Control Transformer
- High and low pressure cut-out switches
- Liquid line filter drier, factory installed
- Service valves with pressure taps
- Thermostatic expansion valve
- Electronic time and temperature defrost control
- Solenoid operated switchover valve
- Holding charge of nitrogen
- Copper tube, aluminum plate fin coils
- Low ambient cooling to 50° F as manufactured
- Low ambient cooling to 0° F with accessory head pressure control
- Heavy gauge steel cabinet
- Weather resistant baked enamel finish
- Mounting/lifting rails under base
- UL listed
- **5 year compressor warranty**
- **Optional extended warranties**

**Table SH-7-A— TWA Split System Heat Pump — Single Compressor**

Model Number	Factory Installed Option	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions(in.)			Mfg. Plant	Shipping Weight (lbs.)	Sound Rating	MCA	Max Fuse	Line Size	
				H	W	L						Gas	Liq.
TWA090A300F	—	208-230/3/60	91,000	39	34	41	SPR	390	8.8	34.5	50	1⅜	½
TWA090A30SF	Epoxy Coil	208-230/3/60	91,000	39	34	41	SPR	390					
TWA120A300F	—	208-230/3/60	124,000	44	38	51	SPR	502	8.8	48.1	70	1⅜	½
TWA120A30SF	Epoxy Coil	208-230/3/60	124,000	44	38	51	SPR	502					
TWA090A400F	—	460/3/60	91,000	39	34	41	SPR	390	8.8	18.1	25	1⅜	½
TWA090A40SF	Epoxy Coil	460/3/60	91,000	39	34	41	SPR	390					
TWA120A400F	—	460/3/60	124,000	44	38	51	SPR	502	8.8	23.3	35	1⅜	½
TWA120A40SF	Epoxy Coil	460/3/60	124,000	44	38	51	SPR	502					
TWA090AW00F	—	575/3/60	91,000	39	34	41	SPR	390	8.8	14.5	20	1⅜	½
TWA090AW0SF	Epoxy Coil	575/3/60	91,000	39	34	41	SPR	390					
TWA120AW00F	—	575/3/60	124,000	44	38	51	SPR	502	8.8	18.8	35	1⅜	½
TWA120AW0SF	Epoxy Coil	575/3/60	124,000	44	38	51	SPR	502					

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.  
 ① Sound Rating shown is tested in accordance with ARI standard 270 or 370.

**Table SH-7-B — Optional Accessories**

Model Number	Description	Used With
BAYASCT001①	Anti-Short Cycle Timer	TWA090-120A
BAYGARD024A	Coil Guard Kit	TWA090A
BAYGARD038A	Coil Guard Kit	TWA120A
BAYISLT005A	Rubber-In-Shear Isolator	TWA090-120A
BAYISLT023A	Steel Spring Isolator	TWA090-120A
BAYLOAM015A②	Head Pressure Control - 575V*	TWA090-120AW
BAYLOAM326A②	Head Pressure Control - 230V*	TWA090A3
BAYLOAM327A②	Head Pressure Control - 230V*	TWA120A3
BAYLOAM425A②	Head Pressure Control - 460V*	TWA090A4
BAYLOAM426A②	Head Pressure Control - 460V*	TWA120A4
BAYLOAMW22A	Head Pressure Control - 575V*	TWA120AW
BAYRLAY005A	Heat Pump Interlock Relay Kit	BAYLOAM326,327, BAYLOAM425,426
BAYSTAT033A	ODT 45° F to - 10° F	TWA090-120A

**Table SH-7-C — Thermostats**

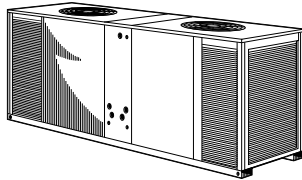
Model Number	Description	Used With
ASYSSTAT650	2 Heat/1 Cool Automatic Changeover	TWA090-120A
ASYSSTAT652A	2 Heat/1 Cool Manual Changeover	TWA090-120A
ASYSSTAT705B③	Programmable Thermostat	All Models
ASYSSTAT706A	Remote Wall Sensor	ASYSSTAT705B
BAY28X190③	Locking Thermostat Cover	All Room Thermostats
BAYBASE007A	3 Heat/2 Cool Subbase	ASYSSTAT705B
BAYSSENS034A	Remote Duct Sensor	ASYSSTAT705B

① One head pressure controller per outdoor unit  
 ② Not required with programmable thermostats.  
 ③ Requires the use of BAYRLAY005A Interlock Relay Kit.  
 ④ Do not use with programmable thermostats  
 ⑤ Requires subbase BAYBASE007A.



# Split System Heat Pumps Three Phase – 7½ through 20 Tons

## TWA — Split System Heat Pump Three Phase – 15-20 Ton



- (2) Scroll compressors
- Compressor motor overload protection
- Control Transformer
- High and low pressure cut out switches
- Liquid line filter drier, factory installed
- Service valves with pressure taps
- Thermostatic expansion valve
- Electronic time and temperature defrost control
- Solenoid operated switchover valve
- Holding charge of nitrogen
- Low Ambient cooling to 50°F as manufactured
- Copper tube, aluminum plate fin coils
- Low Ambient cooling to 0°F with accessory head pressure control
- Heavy gauge steel cabinet
- Weather resistant baked enamel finish
- Mounting/lifting rails under base
- UL listed
- **Standard compressor warranty for TWA240B is 1-year, on parts.**
- **Compressor warranty for TWA180B is five years.**
- **Optional extended warranties**

**Table SH-8-A— TWA Split System Heat Pump — Dual Compressor**

Model Number	Factory Installed Option	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in.)			Mfg. Plant	Shipping Weight (lbs.)	Sound Rating	MCA	Max Fuse	Line Size	
				H	W	L						Gas OD	Liq. OD
TWA180B300F	—	208-230/3/60	182,000	38	34	88	SPR	816	8.8	62.7	80	1 3/8	1/2
TWA180B30SF	Epoxy Coil	208-230/3/60	182,000	38	34	88	SPR	816					
TWA240B300F	—	208-230/3/60	240,000	45	44	94	SPR	934	8.8	87.8	100	1 3/8	1/2
TWA240B30SF	Epoxy Coil	208-230/3/60	240,000	45	44	94	SPR	934					
TWA180B400F	—	460/3/60	182,000	38	34	82	SPR	816	8.8	32.9	45	1 3/8	1/2
TWA180B40SF	Epoxy Coil	460/3/60	182,000	38	34	88	SPR	816					
TWA240B400F	—	460/3/60	240,000	45	44	88	SPR	934	8.8	42.5	50	1 3/8	1/2
TWA240B40SF	Epoxy Coil	460/3/60	240,000	45	44	94	SPR	934					
TWA180BW00F	—	575/3/60	182,000	38	34	82	SPR	816	8.8	26.3	35	1 3/8	1/2
TWA180BW0SF	Epoxy Coil	575/3/60	182,000	38	34	88	SPR	816					
TWA240BW00F	—	575/3/60	240,000	45	44	88	SPR	970	8.8	34.2	45	1 3/8	1/2
TWA240BW0SF	Epoxy Coil	575/3/60	240,000	45	44	94	SPR	934					

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.  
 Ⓢ Sound Rating shown is tested in accordance with ARI standard 270 or 370.

**Table SH-8-B — Optional Accessories**

Model Number	Description	Used With
BAYASCT001ⓈⓈ	Anti-Short-Cycle Timer	TWA180-240B
BAYGARD028A	Coil Guard Kit	TWA180B
BAYGARD042A	Coil Guard Kit	TWA240B
BAYISLT009A	Rubber-In-Shear Isolators	TWA180B
BAYISLT010A	Rubber-In-Shear Isolators	TWA240B
BAYISLT024A	Steel Spring Isolators	TWA180B
BAYISLT025A	Steel Spring Isolators	TWA240B
BAYLOAM015A	Head Pressure Control-575V*	TWA180BW
BAYLOAM328AⓈⓈ	Head Pressure Control-230V	TWA240B3
BAYLOAM329AⓈⓈ	Head Pressure Control-230V	TWA180B3
BAYLOAM427AⓈⓈ	Head Pressure Control-460V	TWA240B4
BAYLOAM428AⓈⓈ	Head Pressure Control-460V	TWA180B4
BAYLOAMW22A	Head Pressure Control-575V*	TWA240BW
BAYRLAY002Ⓢ	Time delay relay	TWA180-240B
BAYRLAY005A	Heat Pump Interlock Kit	BAYLOAM329A,328A, BAYLOAM428A,427A
BAYSTAT033A	ODT 45°F to -10°F	TWA180-240B

**Table SH-8-C — Thermostats**

Model Number	Description	Used With
ASYSSTAT653	3 Heat/2 Cool Automatic Changeover	TWA180-240B
ASYSSTAT705BⓈ	Programmable Thermostat	All Models
ASYSSTAT706A	Remote Wall Sensor	ASYSSTAT705B
BAY28X190Ⓢ	Locking Thermostat Cover	ASYSSTAT653
BAYBASE007A	3 Heat/2 Cool Subbase	ASYSSTAT705B
BAYSSENS034A	Remote Duct Sensor	ASYSSTAT705B

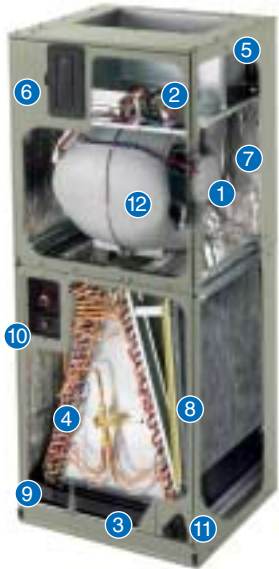
- Ⓢ Quantity 2 required — 1 for each fan.
- Ⓢ Do not use with programmable thermostats.
- Ⓢ Requires the use of BAYRLAY005A Interlock Kit.
- Ⓢ Requires subbase BAYBASE007A.
- Ⓢ Activated on Power On.



# Efficient, quiet comfort. Something to make a lot of noise about.

The American Standard 2TEH air handler is the right choice for customers looking to maximize comfort and efficiency. Ideal **for savvy new home-builders** or as **replacement units for discerning customers**.

The TEH has a 4-speed indoor blower distributing 400 CFM/ton nominal airflow. The TEH is among the quietest units we make and has a high efficiency blower motor and our unique Vortica™ blower design. All in an attractive **smaller-sized package** that meets or beats the competition for reliability. And that should yield reliable profits for you.



## Comfort features you can take to the bank.

- 1 High efficiency motor**  
Delivers exceptional airflow and efficiency.
- 2 Easy-access control box**  
Located behind one easy-to-remove panel for fast installation and service.
- 3 Composite, no-leak, rust-resistant drain pan**  
Fully sloped to reduce standing water.

# 2TEH Air handler

Premium



5-year limited  
warranty

- 4 Extra-large coil surface**  
Enhances heat transfer, provides greater efficiency and more heating and cooling capacity.
- 5 Recessed screws**  
Will not snag on walls or door facings during installation.
- 6 Corrosion-resistant finish**  
Covers all panels uniformly.
- 7 Insulated cabinet**  
Heavy steel and insulation protect against heating and cooling losses and reduce moisture buildup. The cabinet also reduces noise levels and improves efficiency.
- 8 Fully gasketed doors**  
Reduces air leaks and overall noise for improved efficiency.
- 9 Easy-access filter door**  
Quick and convenient filter changing. Standard off-the-shelf filters located behind one easy-to-remove door.
- 10 External refrigerant connections**  
Provide for faster installation and service.
- 11 External drain connections**  
Provide for faster installation and service.
- 12 Vortica™ Advanced Airflow System**  
Improves airflow while reducing energy use and operating sound. Durable composite material will not crack, corrode or rust.

Air handler  
2TEH

# 2TEH Air handler

## Your Profit-ability with American Standard

### Sell-ability

- Superior performance and appearance
- 4-speed fan motor
- Air-Tite™ cabinet
- Noise reduction
- Matched systems
- 5-year limited warranty

### Install-ability

- 6-way convertibility
- Recessed screws
- External drain connections

### Service-ability

- Easy-access control box
- Quick filter change with standard filters
- External refrigerant connections
- Easy coil cleaning

### Performance-ability

- 400 CFM/ton nominal airflow
- High efficiency motor
- Thermostatic expansion valve
- Vortica™ Advanced Airflow System

### Rely-ability

- Best reliability
- Quiet internal check valve
- Composite drain pan

## A warranty for you and your customers.

Not only does an American Standard warranty protect your customers, it allows you to maintain a relationship with them and generate future business. Warranties are also a great way to promote your reputation in the community and collect referrals while ensuring customer satisfaction.

## American Standard benefits for your customers

### Reliable performance

Design innovations and rigorous SEET testing ensure that our name goes on only the most reliable products.

### Durable construction

Materials for all components are torture-tested for consistent, reliable, long-lasting performance and durability.

### Enhanced comfort

Add American Standard accessories such as Comfort Controls and Humidifiers to enhance overall performance and maximize comfort.

### Cleaner air

Add an AccuClean™ air cleaner to remove up to 99.98% of airborne allergens from filtered air for a cleaner, more comfortable home.

### Efficient operation

Increased efficiency may substantially lower customers' home heating and cooling costs.

## A reputation built on reliability and durability.

American Standard salutes all the dealers who work to improve the lives of families. It's our promise to you that we will continue to dedicate ourselves to creating and manufacturing new and innovative products. Products that will also make you and your customers a lot more comfortable.

*American Standard*  
HEATING & AIR CONDITIONING  
americanstandardair.com

Model Number	Capacity	Nominal tonnage	Height (in.)	Width (in.)	Length (in.)
<b>2TEH Air Handler</b>					
2TEH3F18A	18,000	1.5	43.00	21.5	21
2TEH3F24A	24,000	2.0	43.00	21.5	21
2TEH3F30A	30,000	2.5	45.00	21.5	21
2TEH3F36A	36,000	3.0	45.00	21.5	21
2TEH3F42A	42,000	3.5	51.75	23.5	21
2TEH3F48A*	48,000	4.0	57.90	23.5	21
2TEH3F60A*	60,000	5.0	57.90	23.5	21

\*Two-piece cabinet

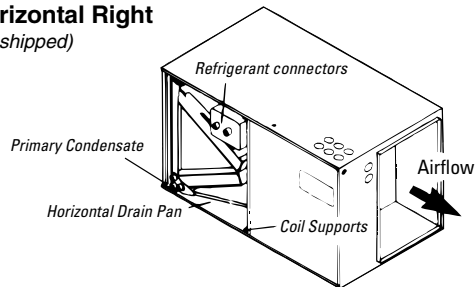
## Air Handler Convertibility

### One Unit – 4 Applications

Conversion 1 – 4

#### Horizontal Right

(as shipped)

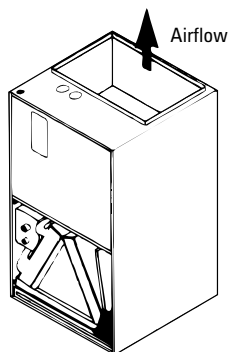


#### Vertical Upflow

(as shipped)

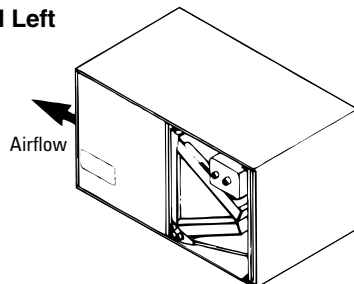
#### One-Step Conversion

Stand unit on end



#### Horizontal Left

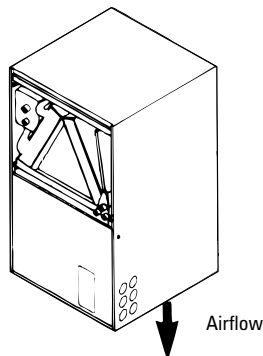
Rotate Coil



#### Vertical Downflow

#### One-Step Conversion

from Horizontal left



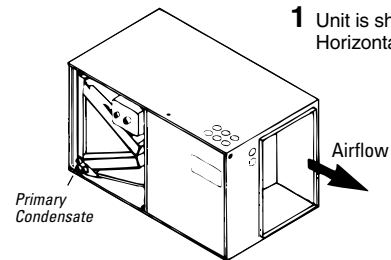
### Six Conversion Applications

1. Horizontal Right – Front Access
2. Vertical Upflow
3. Horizontal Left – Front Access
4. Vertical Downflow
5. Horizontal Right – Rear Access
6. Horizontal Left – Rear Access

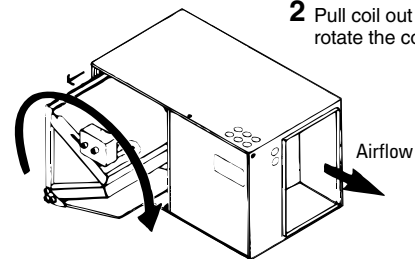
### Easy Conversion to Opposite Side Access

Conversion 5 – 6

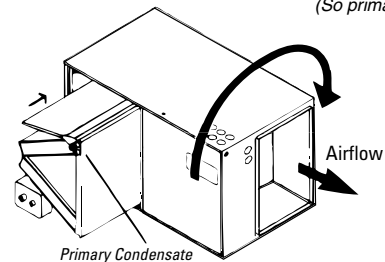
- 1** Unit is shipped as Horizontal right



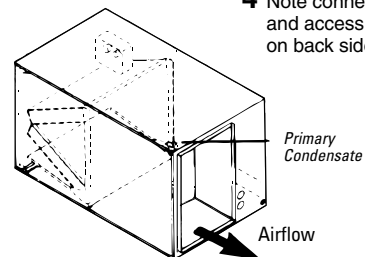
- 2** Pull coil out and rotate the coil 180°



- 3** Slide coil back in on supports and roll unit 180° (So primary condensate is down)

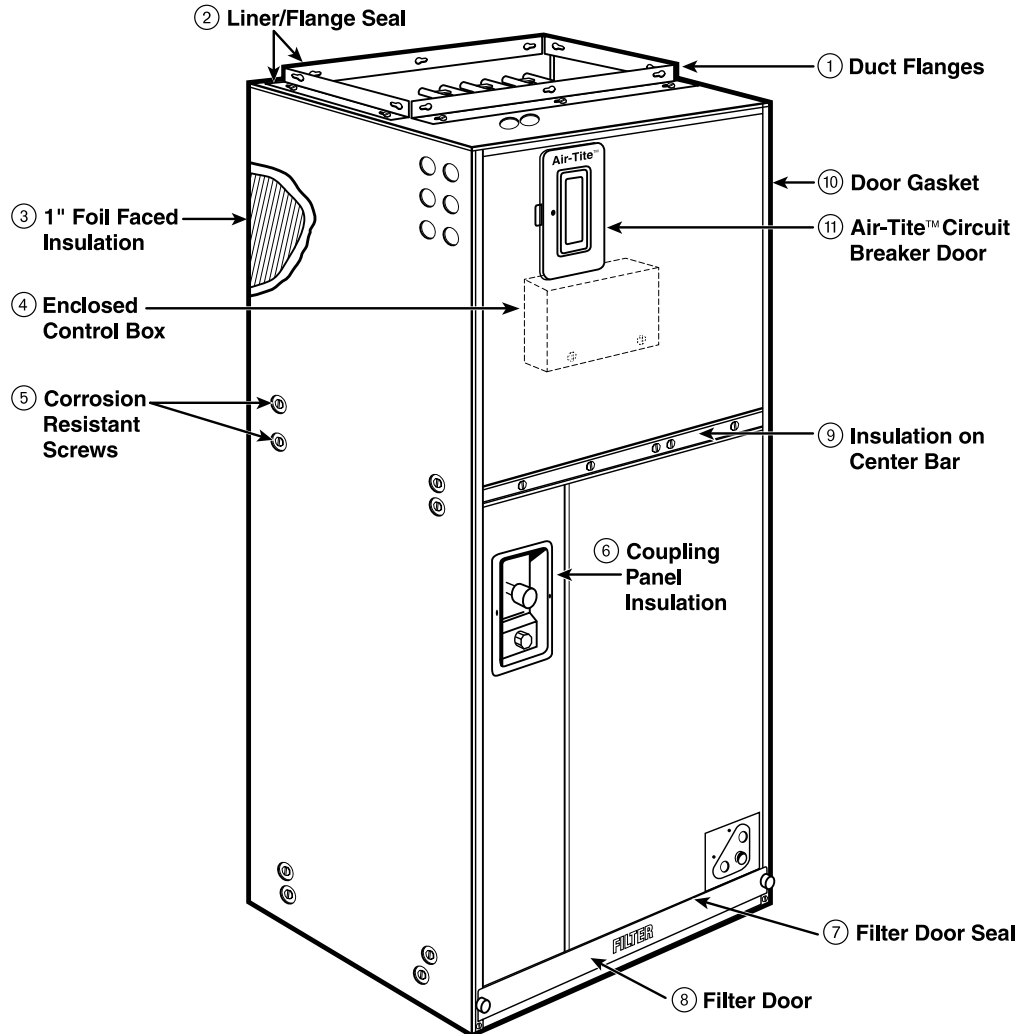


- 4** Note connections and access are now on back side of unit





## "Air-Tite™" Features and Benefits



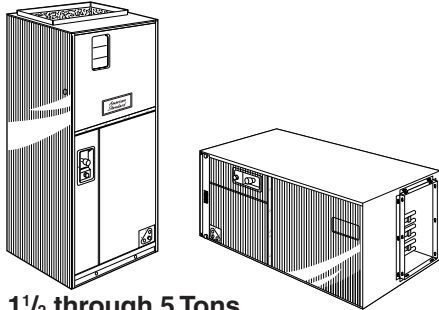
- ① **Duct Flange** – Allows flush fit for 3/4", 1" or 1 1/2" duct insulation
- ② **Liner/Flange Seal** – Exclusive Duct Flange Thermal Break/Seal and double wall construction to reduce cabinet loss and sweating.
- ③ **1" Foil Faced Insulation** – Thicker foil faced insulation for reduced cabinet loss, sweating and lower power bills.
- ④ **Enclosed Control Box** – Totally enclosed control box with transformer inside to improve component life, unit durability and reliability.
- ⑤ **Corrosion Resistant Screws** – Exclusive "Weatherguard™" coated screws to maintain the quality appearance of the unit for the life of the product.
- ⑥ **Coupling Panel Insulation** – Exclusive "No Burn" refrigerant coupling panel with thicker insulation for reduced heat loss.
- ⑦ **Filter Door Seal** – Improved door seal for reduced air infiltration, heat transfer, and lower power bills.

- ⑧ **Filter Door** – "Filter" is stamped on the panel, and includes two captive screws with easy grip knobs.
- ⑨ **Insulation on Center Bar** – Exclusive center bar insulation for reduced cabinet loss, sweating and lower power bills.
- ⑩ **Door Gasket** – Exclusive formed gasket (similar to car door gasket) to reduce air infiltration and heat transfer and lower power bills.
- ⑪ **Air-Tite™ Circuit Breaker Door** – Easy access to breakers with positive air seal.

The SEER test for system efficiency places the air handler in the ambient return air stream (80°F). If your air handler is to be in an unconditioned/severe climatic location, you should consider the advantages of the "Air-Tite™" model air handler.



# Split System Air Handlers Single Phase — 1½ through 5 Tons



## 1½ through 5 Tons TWE-E (R-22) & 4TEE (R-410A) Convertible Air Handlers

- Ships for vertical upflow and horizontal right applications from factory
- Six-way convertibility-horizontal (left & right); front & rear access; upflow, downflow
- Electrical, refrigerant, condensate & blower access convertible to either side
- Compact 21" depth for easy installation
- Variable speed Direct drive ECM motor

- Enhanced **Comfort-R™** dehumidification start-up
- Soft start - cycle-on speed is ramped up gradually to reduce sound and draft
- 200/230 volt primary & 24 volt, 75 VA secondary transformer
- R 4.2-1" foil face insulated cabinet
- Corrosion resistant galvanized metal with attractive finish
- Versatile duct flange - allows flush fit 3/4", 1", or 1.5" duct insulation
- Low voltage terminal board
- External brazed refrigerant connections
- Filter panel stamped with word "filter"
- Filter door seal
- Exclusive duct flange thermal break/seal
- Check valve for heat pump application
- IAQ (Indoor Air Quality) sloped/free draining pan, no standing water
- Non-bleed expansion valve refrigerant control
- Internally enhanced finned coil tubing
- Access to heater circuit breakers pull/disconnects
- Polarized plugs for making motor and transformer electrical connections from air handler control box to electric heaters
- Primary and secondary drain connections
- Built-in indoor fan delay function for increased efficiency
- TWE air handlers are approved for modular or manufactured homes.
- Energy saving continuous fan
- Enhanced cooling/heating control Air Tite™
- 031E airflow selectable for 1-1/2 – 3 ton O.D. unit
- 037E airflow selectable for 2 – 3-1/2 ton O.D. unit
- 040E airflow selectable for 2 – 3-1/2 ton O.D. unit
- 049E airflow selectable for 3 – 5 ton O.D. unit
- 065E airflow selectable for 3-1/2 – 5 ton O.D. unit
- 5 year limited parts residential warranty
- 1 year limited parts commercial warranty
- **Optional extended warranties**

**Table AH-3-A — R-22 Convertible, Variable Speed with Comfort-R™ Enhanced Mode Option (200/230/1/60)**

Unit Model No.	Cooling Capacity (Btuh)	Metering Device	Fan Speed	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening <sup>①②</sup>	Return Opening <sup>①</sup>	Filter Sizes	Line Size Gas	Line Size Liquid
TWE031E13FB	31,000	TXV-NB	Variable	43x21.5x21	134	19.22x12.02 or 18.22x11.02	19.5x18.07	20x20x1	3/4	5/16
TWE037E13FB	37,000	TXV-NB	Variable	45x23.5x21	142	21.22x12.02 or 20.22x11.02	21.5x18.07	20x20x1	7/8	3/8
TWE040E13FB	40,000	TXV-NB	Variable	51.75x26x21	174	23.72x12.02 or 22.72x11.02	24x18.07	20x25x1	7/8	3/8
TWE049E13FB	49,000	TXV-NB	Variable	57.90x26x21	188	23.72x12.02 or 22.72x11.02	24x18.07	20x25x1	1 1/8	3/8
TWE065E13FB <sup>③</sup>	65,000	TXV-NB	Variable	62.75x26x21	218	23.72x12.02 or 22.72x11.02	24x18.07	20x25x1	1 1/8	3/8

**Table AH-3-B — R-22 Convertible, Dual Circuit, Variable Speed with Comfort-R™ Enhanced Mode Option (200/230/1/60)**

TWE062E13FB <sup>③</sup>	65,000	TXV-NB(2)	Variable	63x26x21	218	23.72x12.02 or 22.72x11.02	24x18.07	20x25x1	3/4	3/8
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**Table AH-3-C — R-410A Variable Speed Air-Tite™ (200/230/1/60)**

4TEE3F31A1000A	31,000	TXV-NB	Variable	43x21.5x21	134	19.22x12.02 or 18.22x11.02	19.5x18.07	20x20x1	3/4	5/16
4TEE3F37A1000A	37,000	TXV-NB	Variable	45x23.5x21	142	21.22x12.02 or 20.22x11.02	21.5x18.07	20x20x1	3/4	3/8
4TEE3F40A1000A	40,000	TXV-NB	Variable	51.75x26x21	174	23.72x12.02 or 22.72x11.02	24x18.07	20x25x1	3/4	3/8
4TEE3F49A1000A	49,000	TXV-NB	Variable	57.90x26x21	188	23.72x12.02 or 22.72x11.02	24x18.07	20x25x1	7/8	3/8
4TEE3F65A1000A <sup>③</sup>	65,000	TXV-NB	Variable	62.75x26x21	218	23.72x12.02 or 22.72x11.02	24x18.07	20x25x1	7/8	3/8

**Table AH-3-D — R-410A Convertible, Dual Circuit, Variable Speed with Comfort-R™ Enhanced Mode Option (200/230/1/60)**

4TEE3F62A1000A <sup>③</sup>	65,000	TXV-NB(2)	Variable	63x26x21	218	23.72x12.02 or 22.72x11.02	24x18.22	20x25x1	3/4	3/8
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**Table AH-3-E – Accessories**

Model Number	Description	Used With
AY28X079	Evaporator Defrost Control Kit	All Cooling Models
AY28X084	Evaporator Defrost Control Kit	All Heat Pump Models
BAY99X123 <sup>⑤</sup>	Knockout Cover Plate*	TWE031E-065E, 4TEE3F31A-65A
BAYSPEK140B	Single Power Entry Kit	BAYHTR1415BRKB, 1419BRKB
TAYBASE100	Downflow Subbase	TWE037E, 4TEE3F37A
TAYBASE101	Downflow Subbase	TWE031E, 4TEE3F31A
TAYBASE102	Downflow Subbase	TWE040E-065E, 4TEE3F40A-65A
TAYPLNM100 <sup>④</sup>	Pedestal Plenum Upflow	TWE031E-037E, 4TEE3F31A-37A
TAYPLNM101	Pedestal Plenum Upflow	TWE040E-065E, 4TEE3F40A-65A

① Actual opening does not include flange.

② Adjustable duct flange allows for a flush fit with 1½ inch insulation or ¾ inch or 1 inch insulation.

③ Two (2) piece cabinet.

④ 4TEE3F31A-center on plenum for 2" difference in width.

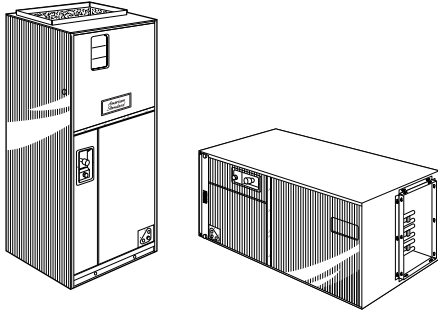
⑤ Minimum order 1 unit ( 1 unit = 50 pieces).

\* Required if no electric heat is used.

**See Heater Tables on Pages AH-9**



# Split System Air Handlers Single Phase — 1½ through 5 Tons



## 1½ through 5 Tons Convertible High Efficiency Air Handlers

- 13.0 - 14.0 SEER
- High Efficiency direct drive motor
- Ships for vertical upflow and horizontal right applications from factory
- Six- way convertibility-horizontal (left & right) upflow, downflow
- "1-man" installation opportunity
- Electrical, refrigerant, condensate & blower access convertible to either side
- Compact 21" depth for easy installation
- Corrosion resistant galvanized metal with attractive finish
- Superior humidity performance
- Enhanced internally finned coil tubes
- Versatile duct flange - allows flush fit 3/4", 1", or 1.5" duct insulation
- Filter panel stamped with word "filter"
- 200/230 volt primary & 24 volt secondary transformer
- Low voltage wire nut connections
- Insulated cabinet
- External access to heater electrical disconnects
- Polarized plugs for making electrical connections from air handler control box to heaters
- Approved for modular or manufactured homes
- **Optional extended warranties**

**Table AH-4-A — Horizontal with vertical convertibility (200/230/1/60)**

Unit Model No.	Cooling Capacity (Btuh)	Metering Device	Fan Speed	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening <sup>①②</sup>	Return Opening <sup>①</sup>	Filter Sizes	Line Size Gas	Line Size Liquid
2TEH3F18A1000A	18,000	TXV-NB	4	43x21.5x21	114	19.22x12.02 or 18.22x11.02	19.5x18.07	20x20x	5/8	1/4
2TEH3F24A1000A	24,000	TXV-NB	4	43x21.5x21	121	19.22x12.02 or 18.22x11.02	19.5x18.07	20x20x1	3/4	5/16
2TEH3F30A1000A	30,000	TXV-NB	4	45x21.5x21	121	19.22x12.02 or 18.22x11.02	19.5x18.07	20x20x1	3/4	5/16
2TEH3F36A1000A	36,000	TXV-NB	4	45x21.5x21	135	19.22x12.02 or 18.22x11.02	19.5x18.07	20x20x1	7/8	3/8
2TEH3F42A1000A	42,000	TXV-NB	4	51.8x23.5x21	165	21.22x12.02 or 20.22x11.02	21.5x18.07	20x20x1	7/8	3/8
2TEH3F48A1000A*	48,000	TXV-NB	4	57.9x23.5x21	188	21.22x12.02 or 20.22x11.02	21.5x18.07	20x20x1	1 1/8	3/8
2TEH3F60A1000A*	60,000	TXV-NB	4	57.9x23.5x21	193	21.22x12.02 or 20.22x11.02	21.5x18.07	20x22x1	1 1/8	3/8

**Table AH-4-B – Accessories**

Model Number	Description	Used With
AY28X079	Evaporator Defrost Control Kit	All Cooling Models
BAYSPEK140B	Single Power Entry Kit	BAYHTR1315BRKA, BAYHTR1319BRKA
TAYPLNM100 <sup>①</sup>	Pedestal Plenum Upflow	2TEH3F18-60A1000A
TAYBASE101	Downflow Subbase	2TEH3F18-36A1000A
TAYBASE100	Downflow Subbase	2TEH3F42-60A1000A

<sup>①</sup> For TEH018,024,030, center on plenum for 2" difference in width.

\* Two piece cabinet

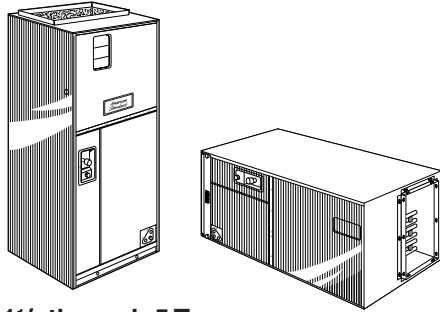
### BAYHTR1300 ONLY

See Heater Tables on Pages AH-8

2TEH3F18 & 24B will accommodate 10 & 15 kW Strip Heat - (BAYHTR1300 series only) in March, 2006.



# Split System Air Handlers Single Phase — 1½ through 5 Tons



## 1½ through 5 Tons 2/4TEC Convertible Air Handlers

- 13.0 SEER
- Ships for vertical upflow and horizontal right applications from factory
- Six- way convertibility-horizontal (left & right); front & rear access; upflow, downflow
- "1-man" installation opportunity
- Electrical, refrigerant, condensate & blower access convertible to either side
- Compact 21" depth for easy installation
- Corrosion resistant galvanized metal with attractive finish
- Superior humidity performance
- Enhanced internally finned coil tubes
- Direct drive motor
- Versatile duct flange - allows flush fit 3/4", 1", or 1.5" duct insulation
- Filter panel stamped with word "filter"
- 200/230 volt primary & 24 volt secondary transformer
- Low voltage wire nut connections
- Insulated cabinet
- External access to heater electrical disconnects
- Polarized plugs for making electrical connections from air handler control box to heaters
- Approved for modular or manufactured homes
- **Optional extended warranties**

**Table AH-5-A — Horizontal with vertical convertibility (200/230/1/60)**

Unit Model No.	Cooling Capacity (Btuh)	Metering Device	Fan Speed	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening <sup>①②</sup>	Return Opening <sup>①</sup>	Filter Sizes	Line Size Gas	Line Size Liquid
2TEC3F18A1000A	18,000	TXV-NB	3	43x21.5x21	114	19.22x12.02 or 18.22x11.02	19.5x18.07	20x20x1	5/8	1/4
2TEC3F24A1000A	24,000	TXV-NB	3	43x21.5x21	121	19.22x12.02 or 18.22x11.02	19.5x18.07	20x20x1	3/4	5/16
2TEC3F30A1000A	30,000	TXV-NB	3	45x21.5x21	121	19.22x12.02 or 18.22x11.02	19.5x18.07	20x20x1	3/4	5/16
2TEC3F36A1000A	36,000	TXV-NB	3	45x21.5x21	135	19.22x12.02 or 18.22x11.02	19.5x18.07	20x20x1	7/8	3/8
2TEC3F42A1000A	42,000	TXV-NB	3	51.8x23.5x21	165	21.22x12.02 or 20.22x11.02	21.5x18.07	20x20x1	7/8	3/8
2TEC3F48A1000A*	48,000	TXV-NB	3	57.9x23.5x21	188	21.22x12.02 or 20.22x11.02	21.5x18.07	20x20x1	1 1/8	3/8
2TEC3F55A1000A*	60,000	TXV-NB	3	57.9x26x21	193	23.72x12.02 or 22.72x11.02	24x18.07	20x25x1	1 1/8	3/8
2TEC3F60A1000A*	60,000	TXV-NB	4	57.9x23.5x21	193	21.22x12.02 or 20.22x11.02	21.5x18.07	20x22x1	1 1/8	3/8
4TEC3F18A1000A	18,000	TXV-NB	3	43x21.5x21	114	19.22x12.02 or 18.22x11.02	19.5x18.07	20x20x1	1/2	1/4
4TEC3F24A1000A	24,000	TXV-NB	3	43x21.5x21	121	19.22x12.02 or 18.22x11.02	19.5x18.07	20x20x1	5/8	5/16
4TEC3F30A1000A	30,000	TXV-NB	3	45x21.5x21	121	19.22x12.02 or 18.22x11.02	19.5x18.07	20x20x1	3/4	5/16
4TEC3F36A1000A	36,000	TXV-NB	3	45x21.5x21	135	19.22x12.02 or 18.22x11.02	19.5x18.07	20x20x1	3/4	3/8
4TEC3F42A1000A	42,000	TXV-NB	3	51.8x23.5x21	165	21.22x12.02 or 20.22x11.02	21.5x18.07	20x20x1	3/4	3/8
4TEC3F48A1000A*	48,000	TXV-NB	3	57.9x23.5x21	188	21.22x12.02 or 20.22x11.02	21.5x18.07	20x20x1	7/8	3/8
4TEC3F55A1000A*	60,000	TXV-NB	3	57.9x26x21	193	23.72x12.02 or 22.72x11.02	24x18.07	20x25x1	7/8	3/8
4TEC3F60A1000A*	60,000	TXV-NB	4	57.9x23.5x21	193	21.22x12.02 or 20.22x11.02	21.5x18.07	20x22x1	7/8	3/8

**Table AH-5-B – Accessories**

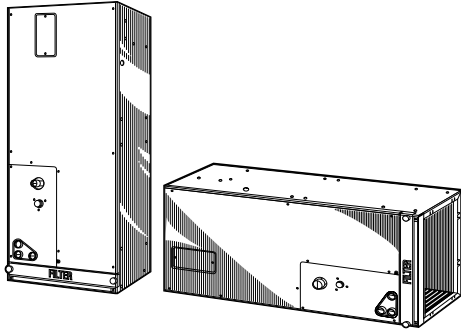
Model Number	Description	Used With
BAYSPEK140B	Single Power Entry Kit	BAYHTR1415BRKB, BAYHTR1419BRKB
TAYPLNM100 <sup>Ⓞ</sup>	Pedestal Plenum Upflow	2/4TEC3F18-60A1000A
TAYBASE101	Downflow Subbase	2/4TEC3F18-36A1000A
TAYBASE100	Downflow Subbase	2/4TEC3F42-60A1000A
BAY99X123	Knockout Cover Plate	2/4TEC3F18-60A1000A

<sup>Ⓞ</sup> For TEC018,024,030, center on plenum for 2" difference in width.

\* Two piece cabinet

See Heater Tables on Pages AH-9

## Split System Air Handlers Single Phase — 1½ through 4 Tons



1½ through 4 Tons

- Exclusive easy to clean coil and drain pan
- Convertible upflow to horizontal left (no tools required) (matches installed units)
- Designed to use "off the shelf" standard size replaceable fiberglass filters
- Easy to remove filters and blowers for easy cleaning and replacement
- Expanded application fit with narrow cabinet profile
- Easy access electrical controls and hook-up
- Attractive enamel finish
- R 4.2 - 1" insulation
- Versatile duct flange - allows flush fit with 3/4", 1" or 1.5" duct insulation
- Air-Tite™ cabinet - low leak by design
- IAQ (Indoor Air Quality) sloped/free draining pan (no standing water)
- Durable, glass-filled composite - Never rust, no leak drain pan
- Maximum depth 21" - fits pull-down staircase
- Exclusive maximum width 23.5" - fits 2-ft. wide door all sizes
- External access to electrical disconnects
- Direct drive motor
- Filter panel stamped with word "filter"
- Expansion valve (non-bleed TXV) standard on all models
- Polarized plugs for easy hook-up to electric heaters
- 200/230 volt primary and 24 volt secondary transformer
- Approved for modular or manufactured homes
- **Optional extended warranties**

**Table AH-6-A — Vertical Upflow and Horizontal Left (200/230/1/60)**

Unit Model No.	Cooling Capacity (Btuh)	Metering Device	Fan Speed	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening <sup>①②</sup>	Return Opening <sup>①</sup>	Filter Sizes	Line Size Gas Liquid	
2TGB3F18A1000A	18,000	TXV-NB	3	45.7x18x21	124	16x12.12 or 15x11.12	16x18.22	16x20x1	5/8	1/4
2TGB3F25A1000A	24,000	TXV-NB	3	45.7x18x21	124	16x12.12 or 15x11.12	16x18.22	16x20x1	3/4	5/16
2TGB3F30A1000A	30,000	TXV-NB	3	52x18x21	135	16x12.12 or 15x11.12	16x18.22	16x20x1	3/4	5/16
2TGB3F36A1000A	36,000	TXV-NB	3	52x18x21	135	16x12.12 or 15x11.12	16x18.22	16x20x1	7/8	3/8
2TGB3F42A1000A	42,000	TXV-NB	3	48.3x23.5x21	147	21.5x12.12 or 20.5x11.12	21.5x18.22	20x20x1	7/8	3/8
2TGB3F48A1000A	48,000	TXV-NB	3	57.3x23.5x21	172	21.5x12.12 or 20.5x11.12	21.5x18.22	20x20x1	7/8	3/8

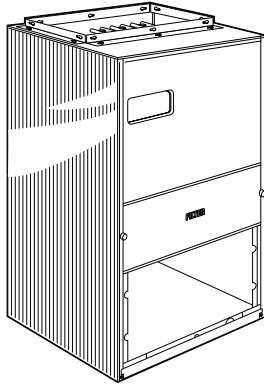
**Table AH-6-B – Accessories**

Model Number	Description	Used With
BAYSPEK140B .....	Single Power Entry Kit .....	BAYHTR1415BRKB, BAYHTR1419BRKB

See Heater Tables on Pages AH-9



# Split System Air Handlers Single Phase — 1½ through 2½ Tons



1½ through 2½ Tons

- Shipped in vertical upflow, bottom return with front access & convertible to vertical upflow front return
- Variable speed ECM motor (2/4TFE Models)
- Enhanced **Comfort-R™** (2/4TFE Models)
- Soft start - fan speed is ramped up gradually to reduce sound and draft (2/4TFE Models)
- Low voltage terminal board (2/4TFE Models)
- **Air-Tite™** cabinet - low leakage by design
- Attractive enamel finish
- R 4.2-1" insulation
- Exclusive easy clean coil and drain pan
- Easy to remove filters and blowers for easy cleaning and replacement
- Filter rack with throw away filter
- Easy access electrical controls and hook-up
- 200/230 volt primary and 24 volt secondary transformer
- Multi-speed blower (2TFB Models)
- Direct drive motor (2TFB Models)
- Factory installed electric heaters
- Factory installed service disconnect
- Internally enhanced finned coil tubing
- Primary and secondary drain connections
- Approved for modular or manufactured homes
- **Optional extended warranties**
- **Five year limited parts warranty**

**Table AH-7-A — Vertical Upflow and Horizontal Left (200/230/1/60)**

Unit Model No.	Cooling Capacity (Btuh)	Metering Device	Fan Speed	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening ①②	Return Opening ①	Filter Sizes	Line Size	
									Gas	Liquid
2TFB3F18B1D05A	18,000	TXV-NB	2	37x22x19.4	115	14x10.12	17.22x20	18x20x1	5/8	1/4
2TFB3F18B1D08A	18,000	TXV-NB	2	37x22x19.4	115	14x10.12	17.22x20	18x20x1	5/8	1/4
2TFB3F18B1D10A	18,000	TXV-NB	2	37x22x19.4	115	14x10.12	17.22x20	18x20x1	5/8	1/4
2TFB3F24B1D05A	24,000	TXV-NB	2	39x22x19.4	120	14x10.12	17.22x20	18x20x1	3/4	5/16
2TFB3F24B1D08A	24,000	TXV-NB	2	39x22x19.4	120	14x10.12	17.22x20	18x20x1	3/4	5/16
2TFB3F24B1D10A	24,000	TXV-NB	2	39x22x19.4	120	14x10.12	17.22x20	18x20x1	3/4	5/16
2TFB3F30B1D05A	30,000	TXV-NB	2	39x22x19.4	120	14x10.12	17.22x20	18x20x1	3/4	5/16
2TFB3F30B1D08A	30,000	TXV-NB	2	39x22x19.4	120	14x10.12	17.22x20	18x20x1	3/4	5/16
2TFB3F30B1D10A	30,000	TXV-NB	2	39x22x19.4	120	14x10.12	17.22x20	18x20x1	3/4	5/16

**Table AH-7-B — Variable Speed R-22 (200/230/1/60)**

Unit Model No.	Cooling Capacity (Btuh)	Metering Device	Fan Speed	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening ①②	Return Opening ①	Filter Sizes	Line Size	
									Gas	Liquid
2TFE3F25B1D05A	25,000	TXV-NB	Var	39x22x19.4	120	14x10.12	17.22x20	18x20x1	3/4	5/16
2TFE3F25B1D08A	25,000	TXV-NB	Var	39x22x19.4	120	14x10.12	17.22x20	18x20x1	3/4	5/16
2TFE3F25B1D10A	25,000	TXV-NB	Var	39x22x19.4	120	14x10.12	17.22x20	18x20x1	3/4	5/16

**Table AH-7-C — Variable Speed R-410A (200/230/1/60)**

Unit Model No.	Cooling Capacity (Btuh)	Metering Device	Fan Speed	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening ①②	Return Opening ①	Filter Sizes	Line Size	
									Gas	Liquid
4TFE3F25B1D05A	25,000	TXV-NB	Var	39x22x19.4	120	14x10.12	17.22x20	18x20x1	5/8	1/4
4TFE3F25B1D08A	25,000	TXV-NB	Var	39x22x19.4	120	14x10.12	17.22x20	18x20x1	5/8	1/4
4TFE3F25B1D10A	25,000	TXV-NB	Var	39x22x19.4	120	14x10.12	17.22x20	18x20x1	5/8	1/4

\* Heater kW is based on 240 volt rating.





# Heaters for Split System and Convertible Air Handlers

**Table AH-8-A Heaters for 2TEH only**

Heater Model Number	Capacity @ 240 Volts		Capacity @ 208 Volts		Voltage	Control Stages	Heater Amps per Circuit		Contains Circuit Breakers
	kW	BTUH	kW	Rated BTUH			208 Volts	240 Volt	
BAYHTR1305000	4.80	16,400	3.6	12,300	208/240/1/60	1	17.3	20	No
BAYHTR1305BRK	4.80	16,400	3.6	12,300	208/240/1/60	1	17.3	20	Yes
BAYHTR1305PDC	4.80	16,400	3.6	12,300	208/240/1/60	1	17.3	20	No
BAYHTR1308000	7.68	26,200	5.76	19,700	208/240/1/60	1	27.7	32	No
BAYHTR1308BRK	7.68	26,200	5.76	19,700	208/240/1/60	1	27.7	32	Yes
BAYHTR1308PDC	7.68	26,200	5.76	19,700	208/240/1/60	1	27.7	32	No
BAYHTR1310000	9.60	32,800	7.20	24,600	208/240/1/60	1	34.6	40	No
BAYHTR1310BRK	9.60	32,800	7.20	24,600	208/240/1/60	1	34.6	40	Yes
BAYHTR1310PDC	9.60	32,800	7.20	24,600	208/240/1/60	1	34.6	40	No
BAYHTR1315BRK	15.36	52,400	11.53	39,300	208/240/1/60	2	34.6/20.8 <sup>①②</sup>	40/24 <sup>①</sup>	Yes
BAYHTR1319BRK	19.20	65,500	14.42	44,200	208/240/1/60	2	27.8/41.6 <sup>①②</sup>	32/48 <sup>①</sup>	Yes
<b>Three Phase</b>									
BAYHTR3310000	9.60	32,800	7.20	24,600	208/240/3/60	1	30	34.6	No
BAYHTR3315000	15.36	52,400	11.53	39,300	208/240/3/60	1	33	38.2	No

① Circuit 1/Circuit 2

② Heater can be converted to single circuit power entry by using BAYSPEK140B. This kit allows a single power circuit to be used with electric heaters that contain two (2) circuit breakers.

**Table AH-8-B Heater Matrix for 2TEH only**

MINIMUM HEATING AIRFLOW CFM - HEATER MATRIX							
AIR HANDLER MODEL NUMBER	HEATER MODEL NUMBER						
	BAYHTR1305+++	BAYHTR1308+++	BAYHTR1310+++	BAYHTR3310000	BAYHTR1315BRK	BAYHTR3315000	BAYHTR1319BRK
	4.80kW	7.68kW	9.60kW	9.60kW	15.36kW	15.36kW	19.20kW
NUMBER OF HEATER RACKS	1	2	2	2	3	3	4
NUMBER OF CIRCUITS	1	1	1	1	2	1	2
2TEH3F18A100A	L/MH	L/MH	N/A	N/A	N/A	N/A	N/A
2TEH3F24A100A	L/ML	L/PS	N/A	N/A	N/A	N/A	N/A
2TEH3F30A100A	L/L	L/ML	ML/H	ML/H	N/A	N/A	N/A
2TEH3F36A100A	L/L	L/PS	ML/PS	ML/PS	ML/H	ML/H	ML/H
2TEH3F42A100A	ML/ML	ML/PS	ML/MH	ML/MH	ML/H	ML/H	ML/H
2TEH3F48A100A	ML/ML	ML/ML	ML/PS	ML/PS	ML/H	ML/H	ML/H
2TEH3F60A100A	ML/ML	ML/ML	ML/ML	ML/ML	ML/MH	ML/MH	ML/H

Cooling/Heat Pump Air Flow

PS = Position sensitive. Minimum speed tap varies based on air handler installation position. See air handler nameplate or product data.

L = Low

ML = Medium-Low

MH = Medium-High

H = High

+++ = 000 (pigtailed), PCD (contains pull disconnect), BRK (contains circuit disconnects)

**BAYSPEK140B to be used with BAYHTR1315BRKA, BAYHTR1319BRKA.**

**CAUTION:** Any power supply and/or combination power supply, circuit or circuits must be wired and protected in accordance with local electrical codes.



# Heaters for Split System and Convertible Air Handlers

**Table AH-9-A Heaters For TWE-C/D; TWE-P; TWE-E; TWG; 4TEE; 2/4TEP, 2/4 TEC, 2TGB**

Heater Model Number	Capacity @ 240 Volts		Capacity @ 208 Volts		Voltage	Control Stages	Heater Amps per Circuit		Contains Circuit Breakers
	kW	BTUH	kW	BTUH			208 Volts	240 Volt	
BAYHTR1405000	4.80	16,400	3.6	12,300	208/240/1/60	1	17.3	20	No
BAYHTR1405BRKB	4.80	16,400	3.6	12,300	208/240/1/60	1	17.3	20	Yes
BAYHTR1405PDC	4.80	16,400	3.6	12,300	208/240/1/60	1	17.3	20	No
BAYHTR1408000	7.68	26,200	5.76	19,700	208/240/1/60	1	27.7	32	No
BAYHTR1408BRKB	7.68	26,200	5.76	19,700	208/240/1/60	1	27.7	32	Yes
BAYHTR1408PDC	7.68	26,200	5.76	19,700	208/240/1/60	1	27.7	32	No
BAYHTR1410000	9.60	32,800	7.20	24,600	208/240/1/60	1	34.6	40	No
BAYHTR1410BRKB	9.60	32,800	7.20	24,600	208/240/1/60	1	34.6	40	Yes
BAYHTR1410PDC	9.60	32,800	7.20	24,600	208/240/1/60	1	34.6	40	No
BAYHTR1415BRKB	15.36	52,400	11.53	39,300	208/240/1/60	2	34.6/20.8 <sup>①②</sup>	40/24 <sup>①</sup>	Yes
BAYHTR1419BRKB	19.20	65,500	14.42	44,200	208/240/1/60	2	27.8/41.6 <sup>①②</sup>	32/48 <sup>①</sup>	Yes
BAYHTR1425BRKB	24.96	85,200	18.73	63,900	208/240/1/60	3	38.1/34.6/17.3 <sup>①</sup>	44/40/20 <sup>①</sup>	Yes
<b>Three Phase</b>									
BAYHTR3410000	9.60	32,800	7.20	24,600	208/240/3/60	1	30	34.6	No
BAYHTR3415000	15.36	52,400	11.53	39,300	208/240/3/60	1	33	38.2	No

MINIMUM HEATING AIRFLOW CFM COOLING/HEAT PUMP AIR FLOW - HEATER MATRIX							
AIR HANDLER	HEATER MODEL NUMBER BAYHTR—						
MODEL NUMBER	1405 000 BRK PDC 4.80kW	1408 000 BRK PDC 7.68kW	1410 000 BRK PDC 3410 000 9.60kW	1415 BRK 15.36kW	3415 000 15.36kW	1419 BRK 19.20kW	1425 BRK 24.96kW
NUMBER OF HEATER RACKS	1	2	2	2	2	4	5
NUMBER OF CIRCUITS	1	1	1	2	1	2	3
TWE031E	700/1000	700/1000	700/1000	700/1125	700/1125	1000/1350	—
TWE037E	600/700	600/900	600/900	1000/1300	1000/1300	1000/1350	—
TWE040E	600/1100	600/1100	600/1100	1100/1400	1100/1400	1100/1400	1100/1400
TWE049E	700/1400	700/1400	700/1400	1400/1600	1400/1600	1400/1600	1400/1600
TWE062E	900/1500	900/1500	900/1500	1200/1800	1200/1800	1200/1800	1200/1800
TWE065E	900/1500*	900/1500*	900/1500*	1200/1800	1200/1800	1200/1800	1200/1800
4TEE3F31A	700/1000	700/1000	700/1000	700/1125	700/1125	1000/1350	—
4TEE3F37A	600/700	600/900	600/900	1000/1300	1000/1300	1000/1350	—
4TEE3F40A	600/1100	600/1100	600/1100	1100/1400	1100/1400	1100/1400	1100/1400
4TEE3F49A	700/1400	700/1400	700/1400	1400/1600	1400/1600	1400/1600	1400/1600
4TEE3F65A	900/1500*	900/1500*	900/1500*	1200/1800	1200/1800	1200/1800	1200/1800
2/4TEC3F18A	L/L	L/M	L/M	—	—	—	—
2/4TEC3F24A	L/L	L/L	L/L	L/M	L/M	—	—
2/4TEC3F30A	L/L	L/L	L/L	L/M	L/M	—	—
2/4TEC3F36A	L/L	L/L	L/L	L/H	L/H	L/H	—
2/4TEC3F42A	L/L	L/L	L/L	L/PS	L/PS	L/H	—
2/4TEC3F48A	L/L	L/L	L/L	L/PS	L/PS	L/PS	—
2/4TEC3F60A	L/L	L/L	L/L	L/PS	L/PS	L/PS	—
2TGB3F18A	L/L	L/M	L/H	N/A	N/A	N/A	—
2TGB3F25A	L/L	L/M	L/M	L/H	L/H	N/A	—
2TGB3F30A	L/L	L/L	L/L	L/M	L/M	N/A	—
2TGB3F36A	L/L	L/L	L/L	L/M	L/M	N/A	—
2TGB3F42A	L/L	L/L	L/L	L/H	L/H	N/A	—
2TGB3F48A	L/L	L/L	L/L	L/H	L/H	L/H	—

(Example: L=Low, M=Medium, H=High Speed)

**PS** = Minimum speed tap varies based on air handler installation position.

**AS** = Heater application is affected based on whether the outdoor unit is a heat pump or cooling unit.

**000** = Pigtailed, BRK = Contains circuit breakers, PDC = Contains Pull Disconnect

\* For heat pump applications, upflow position only minimum setting is 1200

① Circuit 1/Circuit 2

② Heater can be converted to single circuit power entry by using BAYSPEK140B. This kit allows a single power circuit to be used with electric heaters that contain two (2) circuit breakers.

**BAYSPEK140B to be used with BAYHTR1415BRKB/ BAYHTR1419BRKB only.**

**CAUTION:** Any power supply and/or combination power supply, circuit or circuits must be wired and protected in accordance with local electrical codes.





# Heaters for Split System and Convertible Air Handlers

MINIMUM HEATING AIRFLOW CFM COOLING/HEAT PUMP AIR FLOW - HEATER MATRIX							
AIR HANDLER	HEATER MODEL NUMBER BAYHTR—						
MODEL NUMBER	1405 000 BRK PDC 4.80kW	1408 000 BRK PDC 7.68kW	1410 000 BRK PDC 3410 000 9.60kW	1415 BRK 15.36kW	3415 000 15.36kW	1419 BRK 19.20kW	1425 BRK 24.96kW
NUMBER OF HEATER RACKS	1	2	2	2	2	4	5
NUMBER OF CIRCUITS	1	1	1	2	1	2	3
TWE018P	L/L	L/M	L/M	—	—	—	—
TWE024P	L/L	L/L	L/L	L/M	L/M	—	—
TWE030P	L/L	L/L	L/L	L/M	L/M	—	—
TWE036P	L/L	L/L	L/L	L/H	L/H	L/H	—
TWE042P	L/L	L/L	L/L	PS	PS	L/H	—
TWE048P	L/L	L/L	L/L	PS	PS	L/H	L/H
TWE060P	L/L	L/L	L/L	PS	PS	L/H	L/H
TWE063P	L/L	L/L	L/L	PS	PS	L/H	L/H
2TEP3F48B	—	L/L	L/L	L/L	L/L	—	—
2TEP3F63B	—	L/L	L/L	PS	PS	—	—
4TEP3F18A	L/L	L/M	L/M	—	—	—	—
4TEP3F24A	L/L	L/L	L/L	L/M	L/M	—	—
4TEP3F30A	L/L	L/L	L/L	L/M	L/M	—	—
4TEP3F36A	L/L	L/L	L/L	L/H	L/H	L/H	—
4TEP3F42A	L/L	L/L	L/L	PS	PS	L/H	—
4TEP3F48A	L/L	L/L	L/L	PS	PS	L/H	L/H
4TEP3F63A	L/L	L/L	L/L	PS	PS	L/H	L/H
4TEP3F48B	—	L/L	L/L	L/L	L/L	—	—
4TEP3F63B	—	L/L	L/L	L/L	L/L	—	—
TWE018C	L/L	L/M	L/M	—	—	—	—
TWE024C	L/L	L/L	L/L	L/M	L/M	—	—
TWE030C	L/L	L/L	L/L	L/M	L/M	—	—
TWE036C	L/L	L/L	L/L	L/L	L/L	PS	—
TWE042C	L/L	L/L	L/L	L/L	L/L	AS	—
TWE048C	L/L	L/L	L/L	L/L	L/L	L/H	L/H
TWE060C/D	AS	L/L	L/L	L/L	L/L	L/H	L/H
TWG018A	L/L	L/M	L/H	—	—	—	—
TWG025A	L/L	L/M	L/M	L/H	L/H	—	—
TWG030A	L/L	L/L	L/L	L/M	L/M	—	—
TWG036/037A	L/L	L/L	L/L	L/M	L/M	—	—
TWG042A	L/L	L/L	L/L	L/H	L/H	—	—
TWG048A	L/L	L/L	L/L	L/H	L/H	L/M	—
TWG060A	L/L	L/L	L/L	L/L	L/L	L/M	L/H

(Example: L=Low, M=Medium, H=High Speed)

**PS** = Minimum speed tap varies based on air handler installation position.

**AS** = Heater application is affected based on whether the outdoor unit is a heat pump or cooling unit.

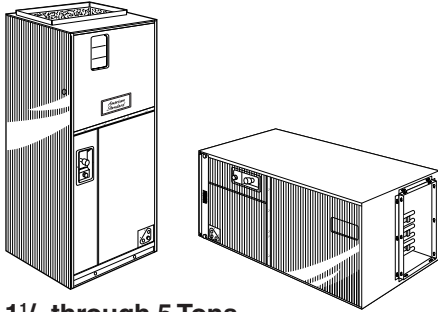
**000** = Pigtails, BRK = Contains circuit breakers, PDC = Contains Pull Disconnect

\* For heat pump applications, upflow position only minimum setting is 1200

**CAUTION:** Any power supply and/or combination power supply, circuit or circuits must be wired and protected in accordance with local electrical codes.

# American Standard

## Split System Air Handlers Single Phase — 1½ through 5 Tons



1½ through 5 Tons  
TWE-P (R-22) & 4TEP (R-410A)  
Convertible Air Handlers

- 12.0 SEER
- Ships horizontal - converts to upflow by standing unit on end
- Six-way convertibility-horizontal (left & right); front & rear access; upflow, downflow
- "1-man" installation opportunity
- Electrical, refrigerant, condensate & blower access convertible to either side
- Compact 21" depth for easy installation
- Multi-speed blower
- Filter panel stamped with word "filter"
- 200/230 volt primary & 24 volt secondary transformer
- Low voltage wire nut connections
- R 4.2-1" foil face insulated cabinet
- Corrosion resistant galvanized metal with attractive finish
- Superior condensate performance
- Enhanced internally finned coil tubes
- Direct drive motor
- IAQ (Indoor Air Quality) sloped/free draining pan, no standing water
- Versatile duct flange - allows flush fit 3/4", 1", 1.5" duct insulation
- Exclusive duct flange thermal break/seal
- External access to heater circuit breakers pull/ disconnects
- Polarized plugs for making electrical connections from air handler control box to heaters
- Non-bleed expansion valve refrigerant control
- Approved for modular or manufactured homes
- 1-year limited parts warranty
- 5 year limited parts residential warranty
- 1 year limited parts commercial warranty
- **Optional extended warranties**

Table AH-11-A — R-22 Convertible (200/230/1/60)

Unit Model No.	Cooling Capacity (Btuh)	FCCV	Fan Speed	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening <sup>①②</sup>	Return Opening <sup>①</sup>	Filter Sizes	Line Size	
									Gas	Liquid
TWE018P130B	18,000	TXV-NB	3	43x21.5x21	114	19.22x12.02 or 18.22x11.02	19.5x18.07	20x20x1	5/8	1/4
TWE018P13FB (Air Tite™)	18,000	TXV-NB	3	43x21.5x21	114	19.22x12.02 or 18.22x11.02	19.5x18.07	20x20x1	5/8	1/4
TWE024P130B	24,000	TXV-NB	3	43x21.5x21	121	19.22x12.02 or 18.22x11.02	19.5x18.07	20x20x1	3/4	5/16
TWE024P13FB (Air Tite™)	24,000	TXV-NB	3	43x21.5x21	121	19.22x12.02 or 18.22x11.02	19.5x18.07	20x20x1	3/4	5/16
TWE030P130B	30,000	TXV-NB	3	43x21.5x21	121	19.22x12.02 or 18.22x11.02	19.5x18.07	20x20x1	3/4	5/16
TWE030P13FB (Air Tite™)	30,000	TXV-NB	3	43x21.5x21	121	19.22x12.02 or 18.22x11.02	19.5x18.07	20x20x1	3/4	5/16
TWE036P130B	36,000	TXV-NB	3	45x21.5x21	135	19.22x12.02 or 18.22x11.02	19.5x18.07	20x20x1	7/8	3/8
TWE036P13FB (Air Tite™)	36,000	TXV-NB	3	45x21.5x21	135	19.22x12.02 or 18.22x11.02	19.5x18.07	20x20x1	7/8	3/8
TWE042P130B	42,000	TXV-NB	3	51.75x23.5x21	165	21.22x12.02 or 20.22x11.02	21.5x18.07	20x20x1	7/8	3/8
TWE042P13FB (Air Tite™)	42,000	TXV-NB	3	51.75x23.5x21	165	21.22x12.02 or 20.22x11.02	21.5x18.07	20x20x1	7/8	3/8
TWE048P130B	48,000	TXV-NB	3	57.90x26x21	188	23.72x12.02 or 22.72x11.02	24x18.07	20x25x1	1 1/8	3/8
TWE048P13FB (Air Tite™)	48,000	TXV-NB	3	57.90x26x21	188	23.72x12.02 or 22.72x11.02	24x18.07	20x25x1	1 1/8	3/8
TWE060P130B	58,000	TXV-NB	3	57.90x26x21	193	23.72x12.02 or 22.72x11.02	24x18.07	20x25x1	1 1/8	3/8
TWE060P13FB (Air Tite™)	58,000	TXV-NB	3	57.90x26x21	193	23.72x12.02 or 22.72x11.02	24x18.07	20x25x1	1 1/8	3/8
TWE063P130B <sup>③</sup>	60,000	TXV-NB	3	62.75x26x21	211	23.72x12.02 or 22.72x11.02	24x18.07	20x25x1	1 1/8	3/8
TWE063P13FB <sup>③</sup> (Air Tite™)	60,000	TXV-NB	3	62.75x26x21	211	23.72x12.02 or 22.72x11.02	24x18.07	20x25x1	1 1/8	3/8
2TEP3F48B1000B <sup>③</sup> (Air Tite™)	48,000	TXV-NB	3	57.90x23.5x21	166	21.22x12.02 or 20.22x11.02	21.5x18.07	20x20x1	1 1/8	3/8
2TEP3F63B1000B <sup>③</sup> (Air Tite™)	60,000	TXV-NB	3	57.90x23.5x21	170	21.22x12.02 or 20.22x11.02	21.5x18.07	22x20x1	1 1/8	3/8

Table AH-11-B — R-410A Air-Tite™ (200/230/1/60)

4TEP3F18A1000A	18,000	TXV-NB	3	43x21.5x21	114	19.22x12.02 or 18.22x11.02	19.5x18.07	20x20x1	1/2	1/4
4TEP3F24A1000A	24,000	TXV-NB	3	43x21.5x21	121	19.22x12.02 or 18.22x11.02	19.5x18.07	20x20x1	5/8	5/16
4TEP3F30A1000A	30,000	TXV-NB	3	43x21.5x21	121	19.22x12.02 or 18.22x11.02	19.5x18.07	20x20x1	3/4	5/16
4TEP3F36A1000A	36,000	TXV-NB	3	45 x21.5x21	135	19.22x12.02 or 18.22x11.02	19.5x18.07	20x20x1	3/4	3/8
4TEP3F42A1000A	42,000	TXV-NB	3	51.75x23.5x21	165	21.22x12.02 or 20.22x11.02	21.5x18.07	20x20x1	3/4	3/8
4TEP3F48A1000A	48,000	TXV-NB	3	57.90x26x21	188	23.72x12.02 or 22.72x11.02	24x18.07	20x25x1	7/8	3/8
4TEP3F63A1000A <sup>③</sup>	60,000	TXV-NB	3	62.75x26x21	211	23.72x12.02 or 22.72x11.02	24x18.07	20x25x1	7/8	3/8
4TEP3F48B1000B <sup>③</sup>	48,000	TXV-NB	3	57.90x23.5x21	166	21.22x12.02 or 20.22x11.02	21.5x18.07	20x25x1	7/8	3/8
4TEP3F63B1000B <sup>③</sup>	60,000	TXV-NB	3	57.90x23.5x21	170	21.22x12.02 or 20.22x11.02	21.5x18.07	20x25x1	7/8	3/8

Table AH-11-C – Accessories

Model Number	Description	Used With
BAY24X038	Plug-In Speed Change Relay Kit	TWE018-063P/2, 4TEP3F18-063P
BAY99X123 <sup>④</sup>	Knockout Cover Plate**	TWE018-063P/2, 4TEP3F18-063P
BAYSPEK140A	Single Power Entry Kit	BAYHTR1415BRKAB, 1419BRKAB
TAYBASE100	Downflow Subbase	TWE042P/4TEP3F42P
TAYBASE101	Downflow Subbase	TWE018-36P/4TEP3F18-36P
TAYBASE102	Downflow Subbase	TWE048P-063P/2, 4TEP3F48-F63P
TAYPLNM100 <sup>⑤</sup>	Pedestal Plenum Upflow	TWE018-042P/2, 4TEP3F48-F42P
TAYPLNM101	Pedestal Plenum Upflow	TWE048-063P/2, 4TEP3F48-F63P

① Actual opening does not include flange.

② Adjustable duct flange allows for a flush fit with 1½ inch insulation or ¾ inch or 1 inch insulation.

③ Two piece cabinet.

④ Minimum Order 1 unit (1 unit = 50 pcs.)

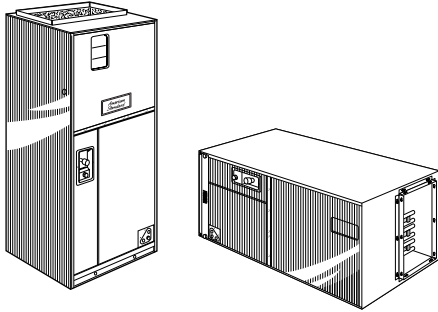
⑤ For TWE018P-36P, 4TEP3F18A-36A, center on plenum for 2" difference in width.

\*\* Required if no electric heat is used.

See Heater Tables on Pages AH-9



# Split System Air Handlers Single Phase — 1½ through 5 Tons



**1½ through 5 Tons  
TWE-C/D  
Convertible Air Handlers**

- Ships horizontal - converts to upflow by standing unit on end.
- Six-way convertibility-horizontal (left & right); front & rear access; upflow, downflow
- "1-man" installation opportunity
- Electrical, refrigerant, condensate & blower access convertible to either side
- Versatile duct flange - allows flush fit ¾", 1", or 1.5" duct insulation
- Compact 21" depth for easy installation
- Uses BAYHTR1400 series heaters
- Corrosion resistant galvanized metal with attractive finish
- IAQ (Indoor Air Quality) sloped/free draining pan, no standing water
- Approved for modular or manufactured homes
- Superior condensate performance
- Enhanced internally finned coil tubes
- Direct drive motor
- Standard size filters
- Multi-speed blower
- 200/230 volt primary & 24 volt secondary transformer
- Low voltage wire nut connections
- R 4.2-1" foil face insulated cabinet
- External access to heater circuit breakers
- Polarized plugs for making electrical connections from air handler control box to heaters
- Built-in indoor fan delay function for increased efficiency. No kit required.
- Motors internally isolated
- 5 year limited parts residential warranty
- 1 year limited parts commercial warranty
- **Optional extended warranties**

**Table AH-12-A — Convertible (200/230/1/60)**

Unit Model No.	Cooling Capacity (Btuh)	FCCV	Fan Speed	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening <sup>①②</sup>	Return Opening <sup>①</sup>	Filter Sizes	Line Size	
									Gas	Liquid
TWE018C140B	18,000	.049	3	43x21.5x21	113	19.22x12.02 or 18.22x11.02	19.5x18.07	20x20x1	5/8	1/4
TWE018C14FB (Air Tite™)	18,000	.049	3	43x21.5x21	113	19.22x12.02 or 18.22x11.02	19.5x18.07	20x20x1	5/8	1/4
TWE024C140B	24,000	.057	3	43x21.5x21	115	19.22x12.02 or 18.22x11.02	19.5x18.07	20x20x1	3/4	5/16
TWE024C14FB (Air Tite™)	24,000	.057	3	43x21.5x21	115	19.22x12.02 or 18.22x11.02	19.5x18.07	20x20x1	3/4	5/16
TWE030C140B	30,000	.069	3	43x21.5x21	120	19.22x12.02 or 18.22x11.02	19.5x18.07	20x20x1	3/4	5/16
TWE030C14FB(Air Tite™)	30,000	.069	3	43x21.5x21	120	19.22x12.02 or 18.22x11.02	19.5x18.07	20x20x1	3/4	5/16
TWE036C140B	36,000	.069	3	43x21.5x21	125	19.22x12.02 or 18.22x11.02	19.5x18.07	20x20x1	7/8	3/8
TWE036C14FB(Air Tite™)	36,000	.069	3	43x21.5x21	125	19.22x12.02 or 18.22x11.02	19.5x18.07	20x20x1	7/8	3/8
TWE042C140C	42,000	.077	3	45x23.5x21	145	21.22x12.02 or 20.22x11.02	21.5x18.07	20x20x1	7/8	3/8
TWE042C14FC(Air Tite™)	42,000	.077	3	45x23.5x21	145	21.22x12.02 or 20.22x11.02	21.5x18.07	20x20x1	7/8	3/8
TWE048C140C	48,000	.083	3	51.75x23.5x21	165	21.22x12.02 or 20.22x11.02	21.5x18.07	20x20x1	1 1/8	3/8
TWE048C14FC(Air Tite™)	48,000	.083	3	51.75x23.5x21	165	21.22x12.02 or 20.22x11.02	21.5x18.07	20x20x1	1 1/8	3/8
TWE060D150B	60,000	TXV-B	3	57.90x23.5 x21	185	21.22x12.02 or 20.22x11.02	21.5x18.07	22x20x1	1 1/8	3/8
TWE060C15FD <sup>③</sup> (Air Tite™)	60,000	TXV-B	3	57.90x23.5 x21	185	21.22x12.02 or 20.22x11.02	21.5x18.07	22x20x1	1 1/8	3/8

**Table AH-12-B – Accessories**

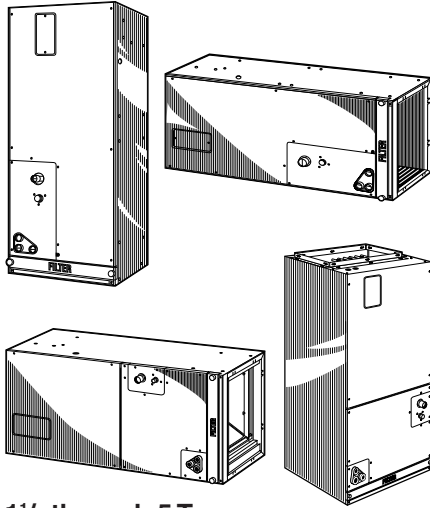
Model Number	Description	Used With
AY28X079	Evap. Defrost Control Kit	(All Cooling Models)
AY28X084	Evap. Defrost Control Kit	(All Heat Pump Models)
BAY24X038	Plug-in Speed Change Relay Kit	TWE018-060C/D
BAY99X123 <sup>④</sup>	Knockout Cover Plate*	TWE018-060C/D
BAYSPEK140A	Single Power Entry Kit	BAYHTR1415BRKAB, 1419BRKAB
TAYBASE100	Downflow Subbase	TWE042-060C/D
TAYBASE101	Downflow Subbase	TWE018-036C
TAYPLNM100 <sup>⑤</sup>	Pedestal Plenum Upflow	TWE018-060C/D

- ① Actual opening does not include flange.  
 ② Adjustable duct flange allows for a flush fit with 1½ inch insulation or ¾ inch or 1 inch insulation.  
 ③ Two piece cabinet.  
 ④ For TWE018-036 center on plenum for 2" difference in width.  
 ⑤ Minimum order 1 unit (1 unit = 50 pcs.).  
 \* Required if no electric heat is used.

**See Heater Tables on Pages AH-9**

*American Standard*

# Split System Air Handlers Single Phase — 1½ through 5 Tons



## 1½ through 5 Tons TWG Convertible Air Handlers

- Easy to clean coil and drain pan
- Convertible upflow to horizontal left, (no tools required) (matches installed units)
- Designed to use “off the shelf” standard size replaceable fiberglass filters – Industry Exclusive
- Easy to remove filters and blowers for easy cleaning and replacement
- Expanded application fit with narrow cabinet profile
- Easy access electrical controls and hook-up
- Attractive enamel finish
- R 4.2-1" foil face insulated cabinet
- Versatile duct flange – allows flush fit ¾, 1 or 1½ inch duct insulation
- Tight cabinet - low leak by design
- IAQ (Indoor Air Quality) sloped/free draining pan, no standing water
- Durable, glass-filled Lexan – Never rust, no leak drain pan
- Maximum depth 21 inches – fits pull-down staircase
- Exclusive maximum width 23½ inches – fits 2 foot wide door
- Built-in time delay
- Full line 1½– 5 tons
- Direct drive motor
- Filter panel stamped with word “filter”
- **AccuTron™** refrigerant control
- Expansion valve (Bleed TXV) standard on 5-ton models
- Polarized plugs for easy hook-up to electric heaters
- 200/230 volt primary and 24 volt secondary transformer
- Electric heaters with breaker option on all sizes
- Approved for modular or manufactured homes
- 5 year limited parts residential warranty
- 1 year limited parts commercial warranty
- **Optional extended warranties**

**Table AH-13-A — Convertible (208-230/1/60)**

Unit Model No.	Cooling Capacity (Btuh)	FCCV	Fan Speed	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening <sup>①②</sup>	Return Opening <sup>①</sup>	Filter Sizes	Line Size	
									Gas	Liquid
TWG018A140B	18,000	.049	3	43x16x21	108	14x12.12 or 13x11.12	14x18.22	14x20x1	5/8	1/4
TWG025A140B	24,000	.057	3	45.70x18x21	124	16x12.12 or 15 x11.12	16x18.22	16x20x1	3/4	5/16
TWG030A140B	30,000	.067	3	45.70x18x21	125	16x12.12 or 15 x11.12	16x18.22	16x20x1	3/4	5/16
TWG036A140B	36,000	.067	3	52x18x21	135	16x12.12 or 15 x11.12	16x18.22	16x20x1	7/8	3/8
TWG037A140B	37,000	.067	3	43x21.5x21	145	19.5x12.12 or 18.5 x11.12	19.5x18.22	20x20x1	7/8	3/8
TWG042A140B	42,000	.075	3	43x23.5x21	160	21.5x12.12 or 20.5x11.12	21.5x18.22	20x20x1	7/8	3/8
TWG048A140B	48,000	.083	3	48.25x23.5x21	185	21.5x12.12 or 20.5x11.12	21.5x18.22	20x20x1	7/8	3/8
TWG060A150B	58,000	TXV-B	3	57.25x23.5x21	205	21.5x12.12 or 20.5x11.12	21.5x18.22	22x20x1	7/8	3/8

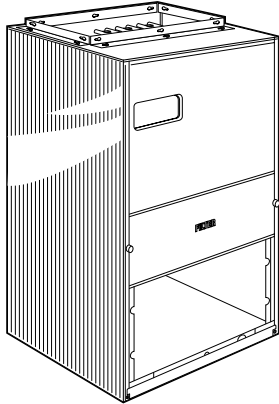
① Actual opening does not include flange.

② Adjustable duct flange allows for a flush fit with ¾, 1 or 1½ inch insulation.

See Heater Tables on Pages AH-9



# Split System Air Handlers Single Phase — 1½ through 3 Tons



1½ through 3 Tons

- Shipped in vertical upflow front return with front access & convertible to vertical upflow bottom return
- Tight cabinet - low leakage by design
- Attractive enamel finish
- R 4.2 – 1" insulation
- Exclusive easy clean coil and drain pan
- Easy to remove filters and blowers for easy cleaning and replacement
- Filter rack with throw away filter
- Easy access electrical controls and hook – up 200/230 volt primary and 24 volt secondary transformer
- Built-in indoor fan delay function for increased efficiency. No kit required
- Multi-speed blower (2TFB)
- Direct drive motor (2TFB)
- Factory installed electric heaters
- **AccuTron™** refrigerant control (2TFB)
- Standard expansion valve kits are internally mounted (2TFB)
- Factory installed service disconnect
- Internally enhanced finned coil tubing
- Primary and secondary drain connections
- Approved for modular or manufactured homes
- Variable speed ECM motor (2TFE)
- Enhanced **Comfort-R™** (2TFE)
- Soft start – cycle-on speed is ramped up gradually to reduce sound (2TFE)
- Low voltage terminal board (2TFE)
- Expansion valve refrigerant control (2TFE)
- 5 year limited parts residential warranty
- 1 year limited parts commercial warranty
- **Optional extended warranties**

Table AH-14-A — (200/230/1/60)

Unit Model No.	Cooling Capacity (Btuh)	FCCV	Fan Speed	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening <sup>①②</sup>	Bottom Return Opening <sup>①</sup>	Filter Sizes	Line Size Gas	Line Size Liquid
2TFB4018A1D05A	18,000	.049	2	37x22x19.4	115	14 x 10.12	17.22 x 20	18x20x1	5/8	1/4
2TFB4018A1D08A	18,000	.049	2	37x22x19.4	115	14 x 10.12	17.22 x 20	18x20x1	5/8	1/4
2TFB4018A1D10A	18,000	.049	2	37x22x19.4	115	14 x 10.12	17.22 x 20	18x20x1	5/8	1/4
2TFB4024A1D05A	24,000	.057	2	37x22x19.4	115	14 x 10.12	17.22 x 20	18x20x1	3/4	5/16
2TFB4024A1D08A	24,000	.057	2	37x22x19.4	115	14 x 10.12	17.22 x 20	18x20x1	3/4	5/16
2TFB4024A1D10A	24,000	.057	2	37x22x19.4	115	14 x 10.12	17.22 x 20	18x20x1	3/4	5/16
2TFB4030A1D05A	30,000	.067	2	37x22x19.4	115	14 x 10.12	17.22 x 20	18x20x1	3/4	5/16
2TFB4030A1D08A	30,000	.067	2	37x22x19.4	115	14 x 10.12	17.22 x 20	18x20x1	3/4	5/16
2TFB4030A1D10A	30,000	.067	2	37x22x19.4	115	14 x 10.12	17.22 x 20	18x20x1	3/4	5/16
2TFB4036A1D05A	30,000	.067	2	39x22x19.4	120	14 x 10.12	17.22 x 20	18x20x1	7/8	3/8
2TFB4036A1D08A	30,000	.067	2	39x22x19.4	120	14 x 10.12	17.22 x 20	18x20x1	7/8	3/8
2TFB4036A1D10A	30,000	.067	2	39x22x19.4	120	14 x 10.12	17.22 x 20	18x20x1	7/8	3/8

Table AH-14-B — (200/230/1/60)

Unit Model No.	Cooling Capacity (Btuh)	FCCV	Fan Speed	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening <sup>①②</sup>	Bottom Return Opening <sup>①</sup>	Filter Sizes	Line Size Gas	Line Size Liquid
2TFE3025A1D05A	25,000	TXV-NB	Var.	37x22x19.4	115	14 x 10.12	17.22 x 20	18x20x1	3/4	5/16
2TFE3025A1D08A	25,000	TXV-NB	Var.	37x22x19.4	115	14 x 10.12	17.22 x 20	18x20x1	3/4	5/16
2TFE3025A1D10A	25,000	TXV-NB	Var.	37x22x19.4	115	14 x 10.12	17.22 x 20	18x20x1	3/4	5/16

① Actual opening does not include flange.

② Adjustable duct flange allows for a flush fit with 1½ inch insulation or ¾ inch or 1 inch insulation.

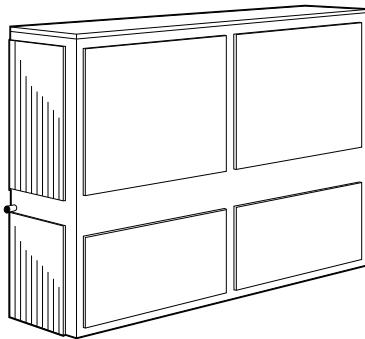




# Split System Air Handlers

## Single Phase – 5 through 10 Tons

## Three Phase – 5 through 20 Tons



### 5, 7½, 10, 15, 20 Ton TWE Convertible Air Handlers (Upflow or Horizontal Only)

- New 11th Digit "E" model ReliaTel™ and electromechanical compatible.
- Upflow convertible to horizontal 5
- Expansion valve factory installed
- Check valves for heat pump applications
- Belt drive blower
- Factory installed motor, belt, sheaves, contactor, low voltage terminal board
- One inch filters on 5 to 10 ton units (rack convertible for field supplied two inch)
- Captive screws remain on the panels for service ease
- Low voltage terminal board
- Drain Pan
- Factory Installed (EDC) Evaporator Defrost Control
- IAQ (Indoor Air Quality) sloped/free draining pan, no standing water
- Two inch filters factory installed on 15, 20 ton units
- Supplemental heaters (electric, water, steam) fits directly on unit discharge for low installation cost
- Single point power entry for reduced electrical power installation cost
- Unit fully assembled to reduce field installation costs
- Compact design with low service clearance to reduce building requirements
- Brazed refrigerant piping connections
- Fan relay UL listed and CSA Certified
- **Optional extended warranties**

Table AH-15-A — Single Circuit Coil

Tons	Unit Model No.	Power Supply Volts/Phase/Hz	Capacity (Btuh)	FCCV	Drive Type	Dimensions (in.) <sup>④</sup> H x W x D	Shipping Weight (lbs.)	MCA*	Max Fuse Size or Max Circuit Breaker <sup>③</sup> *
<b>Single Phase</b>									
5	TWE060A100E	208-230/1/60	60,000	TXV	Belt	48 x 39 x 23	298	7	15
7½	TWE090A100E <sup>①</sup>	208-230/1/60	90,000	TXV	Belt	54 x 48 x 26	388	8	15
10	TWE120A100E <sup>①</sup>	208-230/1/60	120,000	TXV	Belt	54 x 64 x 26	439	11	15
<b>Three Phase</b>									
5	TWE060A300E	208-230/3/60	60,000	TXV	Belt	48 x 39 x 23	298	4	15
5	TWE060A400E	460/3/60	60,000	TXV	Belt	48 x 39 x 23	298	2	15
5	TWE060AW00E	575/3/60	60,000	TXV	Belt	48 x 39 x 23	298	2	15
7½	TWE090A300E <sup>①②</sup>	208-230/3/60	90,000	TXV	Belt	54 x 48 x 26	388	7	15
7½	TWE090AW00E <sup>①</sup>	575/3/60	90,000	TXV	Belt	54 x 48 x 23	298	4	15
10	TWE120A300E <sup>①②</sup>	208-230/3/60	120,000	TXV	Belt	54 x 64 x 26	439	8	15
10	TWE120AW00E <sup>①</sup>	575/3/60	120,000	TXV	Belt	54 x 64 x 26	439	4	15

Table AH-15-B— Dual Circuit Coil

Tons	Unit Model No.	Power Supply Volts/Phase/Hz	Capacity (Btuh)	FCCV	Drive Type	Dimensions (in.) <sup>④</sup> H x W x D	Shipping Weight (lbs.)	MCA*	Max Fuse Size or Max Circuit Breaker <sup>③</sup> *
<b>Single Phase</b>									
5	TWE060B100E	208-230/1/60	60,000	TXV	Belt	48 x 39 x 23	298	7	15
7½	TWE090B100E	208-230/1/60	90,000	TXV	Belt	54 x 48 x 26	388	8	15
10	TWE120B100E	208-230/1/60	120,000	TXV	Belt	54 x 64 x 26	439	11	15
<b>Three Phase</b>									
5	TWE060B300E	208-230/3/60	60,000	TXV	Belt	48 x 39 x 23	298	4	15
5	TWE060B400E	460/3/60	60,000	TXV	Belt	48 x 39 x 23	298	2	15
7½	TWE090B300E <sup>①②</sup>	208-230/3/60	90,000	TXV	Belt	54 x 48 x 26	388	7	15
10	TWE120B300E <sup>①②</sup>	208-230/3/60	120,000	TXV	Belt	54 x 64 x 26	439	8	15
10	TWE120BW00E <sup>①</sup>	575/3/60	120,000	TXV	Belt	54 x 64 x 26	439	4	15
15	TWE180B300E	208-230/3/60	180,000	TXV	Belt	69 x 80 x 28	754	12	20
15	TWE180B400E	460/3/60	180,000	TXV	Belt	69 x 80 x 28	754	6	15
15	TWE180BW00E	575/3/60	180,000	TXV	Belt	69 x 80 x 28	754	5	15
20	TWE240B300E	208-230/3/60	240,000	TXV	Belt	72 x 93 x 30	886	19	30
20	TWE240B400E	460/3/60	240,000	TXV	Belt	72 x 93 x 30	886	9	15
20	TWE240BW00E	575/3/60	240,000	TXV	Belt	72 x 93 x 30	886	7	15

① Control transformer not included. Order control transformer accessory when matching these air handlers with 4-6 ton condensing units.

② Ships wired for 208-230/3/60. Field convertible to 460/3/60.

③ HACR type circuit breaker per NEC.

④ Dimensions based on Upflow position.

⑤ All air handlers are shipped with the drain pan installed in the horizontal position. If an alternate position is required, the drain pan should be repositioned before setting the air handler.

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.



# Split System Air Handlers

## Single Phase – 5 through 10 Tons

## Three Phase – 5 through 20 Tons

Table AH-16-A — Supplementary Heaters<sup>①</sup>

Model No.	Power Supply	kW Rating	Used With
BAYHTRL106A	208/240/1/60	4.33/5.76	TWE060-120A1, TWE060-120B1
BAYHTRL112A	208/240/1/60	8.65/11.52	TWE060-120A1, TWE060-120B1
BAYHTRL117A	208/240/1/60	12.98/17.28	TWE060-120A1, TWE060-120B1
BAYHTRL123A	208/240/1/60	17.30/23.04	TWE060-120A1, TWE060-120B1
BAYHTRL129A	208/240/1/60	21.65/28.80	TWE090-120A1, TWE090-120B1
BAYHTRL305A	208/240/3/60	3.75/5.00	TWE060-120A3, TWE060-120B3
BAYHTRL310A	208/240/3/60	7.45/9.96	TWE060-120A3, TWE060-120B3
BAYHTRL315A	208/240/3/60	11.25/14.96	TWE060-120A3, TWE060-120B3
BAYHTRL325A	208/240/3/60	18.71/24.92	TWE060-120A3, TWE060-120B3
BAYHTRL335A	208/240/3/60	26.20/34.88	TWE090-120A3, TWE090-120B3
BAYHTRL405A	460/3/60	5.00	TWE060A4, B4, TWE090-120A3 <sup>②</sup> , TWE090-120B3 <sup>②</sup>
BAYHTRL410A	460/3/60	9.96	TWE060A4, B4, TWE090-120A3 <sup>②</sup> , TWE090-120B3 <sup>②</sup>
BAYHTRL415A	460/3/60	14.96	TWE060A4, B4, TWE090-120A3 <sup>②</sup> , TWE090-120B3 <sup>②</sup>
BAYHTRL425A	460/3/60	24.92	TWE060A4, B4, TWE090-120A3 <sup>②</sup> , TWE090-120B3 <sup>②</sup>
BAYHTRL435A	460/3/60	34.88	TWE090, 120A3 <sup>②</sup> , TWE090-120B3 <sup>②</sup>
BAYHTRLW05A	575/3/60	5.00	TWE060AW, TWE090-120AW, TWE090-120BW
BAYHTRLW10A	575/3/60	9.96	TWE060AW, TWE090-120AW, TWE090-120BW
BAYHTRLW15A	575/3/60	14.96	TWE060AW, TWE090-120AW, TWE090-120BW
BAYHTRLW25A	575/3/60	24.92	TWE060-120AW
BAYHTRLW35A	575/3/60	34.88	TWE090, 120AW
BAYHTRM310A	208/230/3/60	7.50/10.00	TWE180-240B3
BAYHTRM320A	208/230/3/60	14.96/19.92	TWE180-240B3
BAYHTRM330A	208/230/3/60	22.50/29.92	TWE180-240B3
BAYHTRM350A	208/230/3/60	37.42/49.84	TWE180-240B3
BAYHTRM410A	460/3/60	10.00	TWE180-240B4
BAYHTRM420A	460/3/60	19.92	TWE180-240B4
BAYHTRM430A	460/3/60	29.92	TWE180-240B4
BAYHTRM450A	460/3/60	49.84	TWE180-240B4
BAYHTRMW10A	575/3/60	10.00	TWE180-240BW
BAYHTRMW20A	575/3/60	19.92	TWE180-240BW
BAYHTRMW30A	575/3/60	29.92	TWE180-240BW
BAYHTRMW50A	575/3/60	49.84	TWE180-240BW

① Air Handler with heater of same voltage is single circuit single point.

② Field converted to 460/3/60.



# Split System Air Handlers Accessories – 5 through 20 Tons

Table AH-17-A – Accessories

Model Number	Description	Used With
BAYBASE001A <sup>①</sup>	Subbase (38 W x 22 L)	TWE060A, TWE060B
BAYBASE002A <sup>①</sup>	Subbase (47 <sup>1</sup> / <sub>2</sub> W x 25 L)	TWE090A, TWE090B
BAYBASE003A <sup>①</sup>	Subbase (63 <sup>1</sup> / <sub>2</sub> W x 25 L)	TWE120A, TWE120B
BAYBASE004A <sup>①</sup>	Subbase (79 <sup>1</sup> / <sub>2</sub> W x 27 <sup>3</sup> / <sub>8</sub> L)	TWE180B
BAYBASE005A <sup>①</sup>	Subbase (92 <sup>1</sup> / <sub>2</sub> W x 30 <sup>7</sup> / <sub>16</sub> L)	TWE240B
BAYDRKT001A	Condensate Drain Kit	TWE060
BAYDRKT002A	Condensate Drain Kit	TWE090
BAYDRKT003A	Condensate Drain Kit	TWE120
BAYDRKT004A	Condensate Drain Kit	TWE180
BAYDRKT005A	Condensate Drain Kit	TWE240
BAYGRLE001A	Return Air Grille	TWE060A, TWE060B
BAYGRLE002A	Return Air Grille	TWE090A, TWE090B
BAYGRLE003A	Return Air Grille	TWE120A, TWE120B
BAYGRLE004A	Return Air Grille	TWE180B
BAYGRLE005A	Return Air Grille	TWE240B
BAYHSMT022B	Oversized Motor 230/1/60 – 1 HP	TWE060A, TWE060B
BAYHSMT023B	Oversized Motor 230/1/60 – 2 HP	TWE090A, TWE090B
BAYHSMT025B	Oversized Motor 230-460/3/60 – 1 HP	TWE060A3, A4, B3, B4
BAYHSMT026A	Oversized Motor 230-460/3/60 – 2 HP	TWE090A3, TWE090B3
BAYHSMT027B	Oversized Motor 230-460/3/60 – 3 HP	TWE120A3
BAYHSMT028A	Oversized Motor 230/3/60 – 5 HP	TWE180B3
BAYHSMT029A	Oversized Motor 230-460/3/60 – 7.5 HP	TWE240B3, B4
BAYHSMT030A	Oversized Motor 460/3/60 – 5 HP	TWE180B4
BAYHSMT035AA	Oversized Motor 575/3/60 – 5 HP	TWE180BW
BAYHSMT036AA	Oversized Motor 575/3/60 – 7.5 HP	TWE240BW
BAYISLT003A <sup>②③④</sup>	Rubber-In-Shear Isolator - Floor	TWE060-090A, TWE060-090B
BAYISLT004A <sup>②③④</sup>	Rubber-In-Shear Isolator - Floor	TWE120A, TWE120B
BAYISLT009A <sup>①③</sup>	Rubber-In-Shear Isolator - Floor	TWE180B
BAYISLT012B <sup>①</sup>	Rubber-In-Shear Isolator - Suspended	TWE180B
BAYISLT013B <sup>③④</sup>	Rubber-In-Shear Isolator - Suspended	TWE060A, TWE060B
BAYISLT014A <sup>③④</sup>	Rubber-In-Shear Isolator - Suspended	TWE090A, TWE090B
BAYISLT015B <sup>③④</sup>	Rubber-In-Shear Isolator - Suspended	TWE120A, TWE120B
BAYISLT016B <sup>①</sup>	Rubber-In-Shear Isolator - Suspended	TWE240B
BAYISLT018A <sup>②③</sup>	Spring Isolator - Floor	TWE060A, TWE060B
BAYISLT019A <sup>②③</sup>	Steel Spring Isolator - Floor	TWE090-120A, TWE090-120B
BAYISLT021A <sup>①②</sup>	Rubber-In-Shear Isolator - Floor	TWE180-240B
BAYISLT028A <sup>③</sup>	Steel Spring Isolator - Suspended	TWE060A, TWE060B
BAYISLT029A <sup>③</sup>	Spring Isolator - Suspended	TWE090-120A, TWE090-120B
BAYISLT030A <sup>①</sup>	Rubber-In-Shear Isolator - Suspended	TWE180B
BAYISLT031B <sup>①</sup>	Rubber-In-Shear Isolator - Suspended	TWE240B
BAYLSDR001A	Low Static Drive Kit	TWE240B
BAYLSDR003A	Low Static Drive Kit	TWE090A, TWE090B
BAYPLNM015A <sup>⑤⑥</sup>	Discharge Plenum and Grille	TWE060A, TWE060B
BAYPLNM016A <sup>⑤⑥</sup>	Discharge Plenum and Grille	TWE090A, TWE090B
BAYPLNM017A <sup>⑤⑥</sup>	Discharge Plenum and Grille	TWE120A, TWE120B
BAYPLNM018A <sup>⑤⑥</sup>	Hydronic Coil Discharge Plenum and Grille	BAYWATRO15A, 020B
BAYPLNM019A <sup>⑤⑥</sup>	Hydronic Coil Discharge Plenum and Grille	BAYWATRO16A, 021B
BAYPLNM020A <sup>⑤</sup>	Hydronic Coil Discharge Plenum and Grille	BAYWATRO12A, 017B
BAYPLNM021A <sup>⑤</sup>	Hydronic Coil Discharge Plenum and Grille	BAYWATRO13A, 018B
BAYPLNM022A <sup>⑤</sup>	Hydronic Coil Discharge Plenum and Grille	BAYWATRO14A, 019B
BAYPLNM025A <sup>⑦</sup>	Electric Heat Discharge Plenum and Grille For use with TWE060A, TWE060B	BAYHTRL117A, 315A, 415A
BAYPLNM026A <sup>⑦</sup>	Electric Heat Discharge Plenum and Grille For use with TWE090A, TWE090B	BAYHTRL117A, 123A, BAYHTRL315A, 325A, BAYHTRL415A, 425A
BAYPLNM027A <sup>⑦</sup>	Electric Heat Discharge Plenum and Grille For use with TWE120A, TWE120B	BAYHTRL117A, 123A, BAYHTRL315A, 325A, BAYHTRL415A, 425A
BAYPLNM028A <sup>⑦</sup>	Electric Heat Discharge Plenum and Grille - 15 Ton	BAYHTRM330A, 430A, W30A
BAYPLNM029A <sup>⑦</sup>	Electric Heat Discharge Plenum and Grille - 20 Ton	BAYHTRM330A, 430A, W30A
BAYTFMR003A <sup>⑧⑨</sup>	77va Transformer 230v/24v	TWE090-120A3, TWE090-120B3
BAYTFMR004A <sup>⑧⑨⑩</sup>	77va Transformer 460v/24v	TWE090-120A3, TWE090-120B3
BAYTFMR005A <sup>⑧⑨</sup>	77va Transformer 575v/24v	TWE090AW, TWE120AW, BW
BAYTFMR007A <sup>⑧⑨⑪</sup>	75va Transformer Relay and Terminal Connections 230v/24v	TWE090B3-TWE120B3
BAYTFMR008A <sup>⑧⑨⑪</sup>	87va Transformer Relay and Terminal Connections 460v/24v	TWE090B3-TWE120B3
BAYWATRO12A	Steam Coil Encl. & Assm. (38 W x 22 <sup>1</sup> / <sub>8</sub> L x 14 H)	TWE60A, TWE060B
BAYWATRO13A	Steam Coil Encl. & Assm. (47 <sup>5</sup> / <sub>8</sub> W x 25 <sup>3</sup> / <sub>16</sub> L x 14 H)	TWE090A, TWE090B
BAYWATRO14A	Steam Coil Encl. & Assm. (63 <sup>5</sup> / <sub>8</sub> W x 25 <sup>3</sup> / <sub>16</sub> L x 16 H)	TWE120A, TWE120B
BAYWATRO15A	Steam Coil Encl. & Assm. (79 <sup>5</sup> / <sub>8</sub> W x 27 <sup>13</sup> / <sub>16</sub> L x 16 H)	TWE180B
BAYWATRO16A	Steam Coil Encl. & Assm. (92 <sup>5</sup> / <sub>8</sub> W x 30 <sup>5</sup> / <sub>8</sub> L x 18 H)	TWE240B
BAYWATRO17C	Hot Water Coil Encl. & Assm. (38 W x 22 <sup>1</sup> / <sub>8</sub> L x 14 H)	TWE060A, TWE060B
BAYWATRO18C	Hot Water Coil Encl. & Assm. (47 <sup>5</sup> / <sub>8</sub> W x 25 <sup>3</sup> / <sub>16</sub> L x 14 H)	TWE090A, TWE090B
BAYWATRO19C	Hot Water Coil Encl. & Assm. (63 <sup>5</sup> / <sub>8</sub> W x 25 <sup>3</sup> / <sub>16</sub> L x 16 H)	TWE120A, TWE120B
BAYWATRO20C	Hot Water Coil Encl. & Assm. (79 <sup>5</sup> / <sub>8</sub> W x 27 <sup>13</sup> / <sub>16</sub> L x 16 H)	TWE180B
BAYWATRO21C	Hot Water Coil Encl. & Assm. (92 <sup>5</sup> / <sub>8</sub> W x 30 <sup>5</sup> / <sub>8</sub> L x 18 H)	TWE240B
BAYWRKT001A	Wire Kit to Achieve 180° Reversible Discharge	TWE060-090-120A, TWE060-090-120B

① When Air Handler is in vertical position and close proximity trapping of condensate is required, use of subbase is recommended.

② Requires use of subbase accessory.

③ Do not use with units having steam or hot water coil.

④ Do not use if blower will operate less than 600 rpm.

⑤ For vertical use only.

⑥ Discharge Plenum and Grille cannot be used with Electric or Hydronic Heat options.

⑦ See data catalog for minimum and maximum airflow requirements.

⑧ Required when 7<sup>1</sup>/<sub>2</sub> – 10 ton Air Handlers are matched with 4 – 6 ton outdoor units.

⑨ Required when used with Qty 2 Split System condensing units.

⑩ When field connected for 460V.

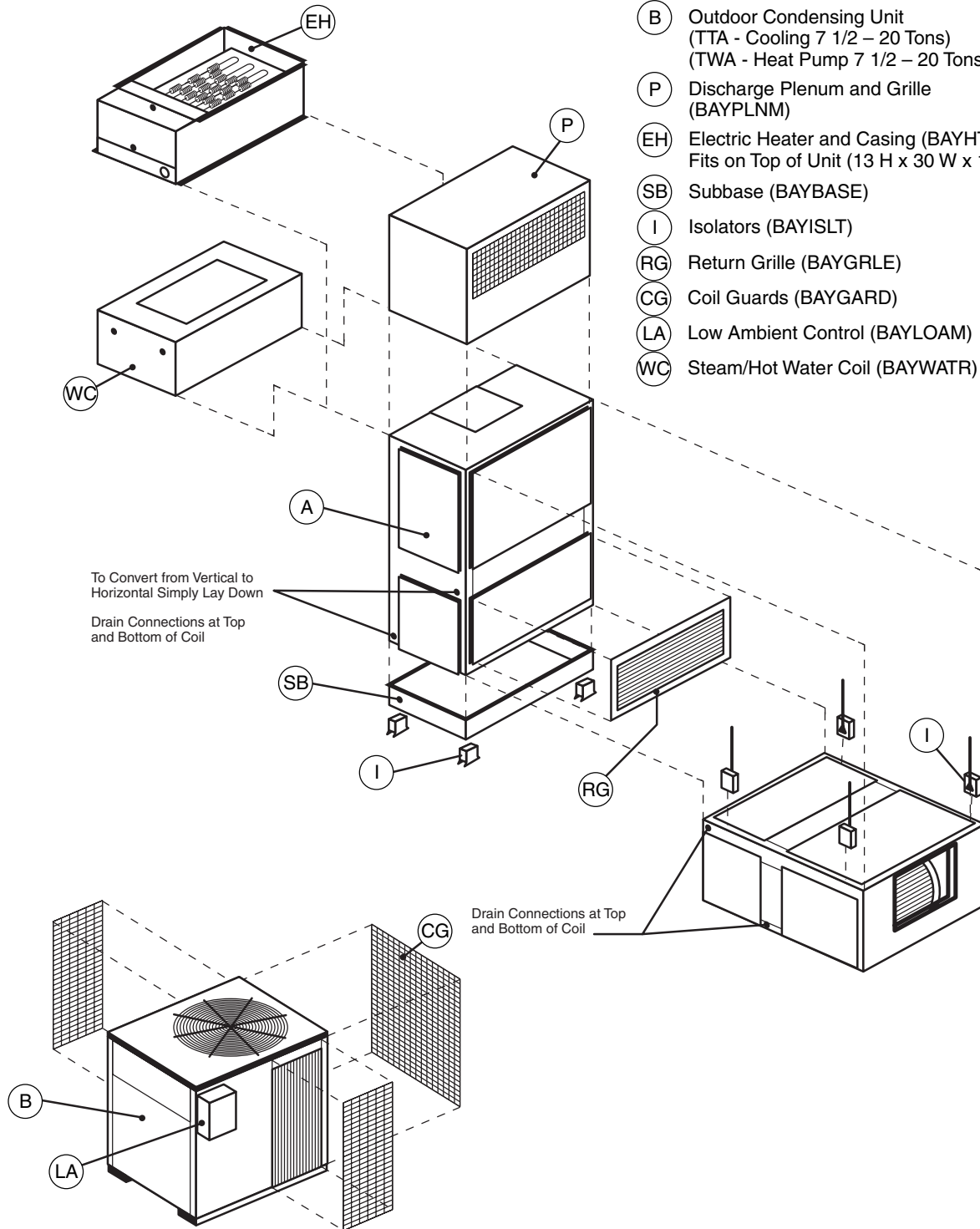
⑪ Required when used with Qty 2 Split System Heat Pump.



# Split System Air Handlers 5 through 20 Tons

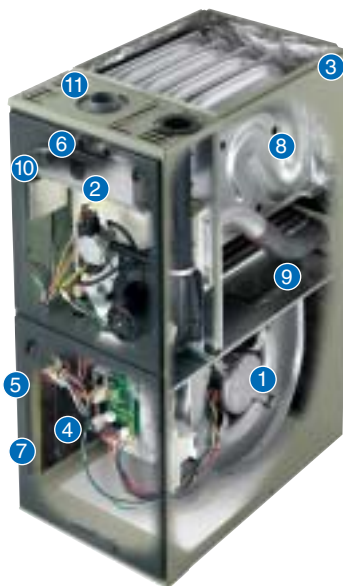
## Factory Supplied Accessories

- (A) Air Handler (TWE 5 – 20 Tons)
- (B) Outdoor Condensing Unit (TTA - Cooling 7 1/2 – 20 Tons)  
(TWA - Heat Pump 7 1/2 – 20 Tons)
- (P) Discharge Plenum and Grille (BAYPLNM)
- (EH) Electric Heater and Casing (BAYHTRL)  
Fits on Top of Unit (13 H x 30 W x 17 D)
- (SB) Subbase (BAYBASE)
- (I) Isolators (BAYISLT)
- (RG) Return Grille (BAYGRLE)
- (CG) Coil Guards (BAYGARD)
- (LA) Low Ambient Control (BAYLOAM)
- (WC) Steam/Hot Water Coil (BAYWATR)



Provide enhanced comfort, and get a bit more comfortable, too.

The American Standard Freedom 90 high efficiency single-stage furnace has **higher efficiency** and is more reliable. It uses less electricity in heating and cooling operations, so it appeals to efficiency-minded customers in **residential new construction** and in **retail replacement**. And it **accommodates upgrades** to higher SEER outdoor units. Install it for an enhanced comfort experience that will make you more comfortable, too.



## Comfort features you can take to the bank.

- 1 High efficiency blower motor**  
Controlled by a built-in microcomputer and on-board relays. Fixed 45-second time delay controls the indoor blower in heating cycles. Blower off-timing is adjustable by presets, allowing you to customize comfort in the home.
- 2 Adaptive silicon nitride hot surface igniter**  
Prevents overheating, which results in a highly reliable ignition system and longest possible service life.
- 3 Heavy steel insulated cabinet**  
Holds more heat in the furnace and assures greater durability and quieter operation.

# Freedom<sup>®</sup> High efficiency single-stage furnace

Premium



Lifetime limited warranty  
on heat exchangers  
5-year limited warranty  
on all other parts

- 4 Self-diagnostic controls**  
Complete diagnostics for easy servicing. Also includes a system fault analysis for quick gas flow shutoff, coupled with automatic ignition retry after sensing fault correction.
- 5 Easy access doors**  
Quarter-turn dual door latches provide quick and easy access for servicing (upflow models only).
- 6 Multi-port in-shot burners**  
Perfectly shape the flame cone for the maximum heat possible while using less fuel. No service adjustment necessary.
- 7 Automotive-grade gaskets and insulated blower compartment**  
Help reduce operating sound and air infiltration.
- 8 Aluminized steel heat exchanger**  
Crimped, not welded, to prevent cracks from heat stress. Stamped serpentine channel offers the greatest efficiency in less space. Backed by our lifetime limited warranty.
- 9 AL29-4C™ stainless steel secondary heat exchanger**  
Captures more of the heat your customers pay for. Backed by a lifetime limited warranty.
- 10 Sealed combustion**  
For maximum safety, the burner combustion unit is sealed tight, also assuring that it meets all local codes.
- 11 100% fresh air option**  
Uses 100% outdoor air for combustion for increased equipment life and cleaner air.

High efficiency single-stage furnace

Freedom<sup>®</sup>

American Standard

HEATING & AIR CONDITIONING

# Freedom<sup>®</sup> High efficiency single-stage furnace

## Your Profit-ability with American Standard

### Sell-ability

- Industry leader and brand reputation
- Higher efficiency single-stage furnace
- Greater reliability
- Quieter operation

### Install-ability

- Air cleaner and humidifier terminals
- Upflow/horizontal left
- Downflow/horizontal right
- Left/right gas and electrical hookups
- Direct vent option

### Service-ability

- Quarter-turn blower door latches on upflow models
- Self-diagnostic controls
- Common parts across family
- Compatible with higher SEER outdoor units

### Performance-ability

- 4-speed high efficiency motor
- 90% efficiency on gas
- Insulated blower door and cabinet save energy and reduce sound
- Automotive-grade gaskets reduce air noise and infiltration

### Rely-ability

- Each factory-tested before shipping
- Silicon nitride igniter
- 100% fresh air option
- Integrated furnace control
- Aluminized heat exchanger
- Multi-port in-shot burners

### *A warranty for you and your customers.*

Not only does an American Standard warranty protect your customers, it allows you to maintain a relationship with them and generate future business. Warranties are also a great way to promote your reputation in the community and collect referrals while ensuring customer satisfaction.

## American Standard benefits for your customers

### Reliable performance

Design innovations and rigorous SEET testing ensure that our name goes on only the most reliable products.

### Durable construction

Materials for all components are torture-tested for consistent, reliable, long-lasting performance and durability.

### Enhanced comfort

Add American Standard accessories such as Comfort Controls and Humidifiers to enhance overall performance and maximize comfort.

### Cleaner air

Add an AccuClean™ air cleaner to remove up to 99.98% of airborne allergens from filtered air for a cleaner, more comfortable home.

### Efficient operation

Increased efficiency may substantially lower customers' home heating costs.

### A reputation built on reliability and durability.

American Standard salutes all the dealers who work to improve the lives of families. It's our promise to you that we will continue to dedicate ourselves to creating and manufacturing new and innovative products. Products that will also make you and your customers a lot more comfortable.

*American Standard*  
HEATING & AIR CONDITIONING  
[americanstandardair.com](http://americanstandardair.com)

Model Number	AFUE	High Capacity Output BTUH (Nominal)	Height (in.)	Width (in.)	Depth (in.)	Cooling CFM (Nom. tons)
<b>FREEDOM 90 High Efficiency Single-Stage Upflow Horizontal Left</b>						
AUX1B040A9H21A	92.1	38,000	40.00	17.50	28.00	2.0
AUX1B060A9H31A	92.1	56,000	40.00	17.50	28.00	3.0
AUX1B080A9H31A	92.1	74,000	40.00	17.50	28.00	3.0
AUX1C100A9H41A	92.1	94,000	40.00	21.00	28.00	4.0
AUX1D120A9H51A	92.1	113,000	40.00	24.50	28.00	5.0
<b>FREEDOM 90 High Efficiency Single-Stage Downflow Horizontal Right</b>						
ADX1B040A9H31A	91.0	38,000	40.00	17.50	28.00	3.0
ADX1B060A9H31A	91.0	56,000	40.00	17.50	28.00	3.0
ADX1B080A9H31A	91.0	74,000	40.00	17.50	28.00	3.0
ADX1C100A9H41A	91.0	94,000	40.00	21.00	28.00	4.0
ADX1D120A9H51A	91.0	112,000	40.00	24.50	28.00	5.0

## For efficiency-minded customers, and added benefits for you.

The American Standard Freedom 80 high efficiency single-stage furnace is a more reliable, **higher efficiency** furnace. Using less electricity in heating and cooling operations, it's very attractive for **residential new construction** and **retail replacement**. It's easy to install and service. And it can **accommodate upgrades** to higher SEER outdoor units. All in all, more performance for your customers and more profits for you.



## Comfort features you can take to the bank.

- 1 High efficiency blower motor**  
Controlled by a built-in microcomputer and on-board relays. Fixed 45-second time delay controls the indoor blower in heating cycles. Blower off-timing is adjustable by presets, allowing you to customize comfort in the home.
- 2 Adaptive silicon nitride hot surface igniter**  
Prevents overheating which results in a highly reliable ignition system and longest possible service life.

# Freedom<sup>®</sup> High efficiency single-stage furnace

Premium

80



20-year non-prorated limited warranty on heat exchanger  
5-year limited warranty on all other parts

- 3 Heavy steel insulated cabinet**  
Holds more heat in the furnace and assures greater durability and quieter operation.
- 4 Self-diagnostic controls**  
Complete diagnostics for easy servicing. Also includes a system fault analysis for quick gas flow shutoff, coupled with automatic ignition retry after sensing fault correction.
- 5 Easy access doors**  
Quarter-turn dual door latches provide quick and easy access for servicing (upflow models only).
- 6 Multi-port in-shot burners**  
Perfectly shape the flame cone for maximum heat possible while using less fuel. No service adjustment necessary.
- 7 Automotive-grade gaskets and insulated blower compartment**  
Helps reduce operating sound and air infiltration.
- 8 Aluminized steel heat exchanger**  
Crimped, not welded, to prevent cracks from heat stress. Stamped serpentine channel offers the greatest efficiency in less space. Backed by our 20-year non-prorated, limited warranty.
- 9 Induced draft venting**  
Quietly draws hot gases through the heat exchanger, maximizing the heat transfer efficiencies of the exchanger design.

High efficiency single-stage furnace

Freedom<sup>®</sup>

80

# Freedom<sup>®</sup> High efficiency single-stage furnace

## Your Profit-ability with American Standard

### Sell-ability

- Industry leader and brand reputation
- Higher efficiency single-stage furnace
- Greater reliability
- Quieter operation

### Install-ability

- Air cleaner and humidifier terminals
- Upflow/horizontal right or left
- Downflow/horizontal right or left
- Left/right gas and electrical hookups

### Service-ability

- Quarter-turn blower door latches on upflow models
- Self-diagnostic controls
- Common parts across family
- Compatible with higher SEER outdoor units

### Performance-ability

- 4-speed high efficiency motor
- 80% efficiency on gas
- Insulated blower door and cabinet save energy and reduce sound
- Automotive-grade gaskets reduce air noise and infiltration

### Rely-ability

- Each factory-tested before shipping
- Silicon nitride igniter
- Integrated furnace control
- Aluminized steel heat exchanger
- Multi-port in-shot burners

## *A warranty for you and your customers.*

Not only does an American Standard warranty protect your customers, it allows you to maintain a relationship with them and generate future business. Warranties are also a great way to promote your reputation in the community and collect referrals while ensuring customer satisfaction.

## American Standard benefits for your customers

### Reliable performance

Design innovations and rigorous SEET testing ensure that our name goes on only the most reliable products.

### Durable construction

Materials for all components are torture-tested for consistent, reliable, long-lasting performance and durability.

### Enhanced comfort

Add American Standard accessories such as Comfort Controls and Humidifiers to enhance overall performance and maximize comfort.

### Cleaner air

Add an AccuClean™ air cleaner to remove up to 99.98% of airborne allergens from filtered air for a cleaner, more comfortable home.

### Efficient operation

Increased efficiency may substantially lower customers' home heating costs.

## A reputation built on reliability and durability.

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*American Standard*  
HEATING & AIR CONDITIONING  
[americanstandardair.com](http://americanstandardair.com)

Model Number	AFUE	High Capacity Output BTUH (Nominal)	Height (in.)	Width (in.)	Depth (in.)	Cooling CFM (Nom. tons)
<b>FREEDOM 80 High Efficiency Single-Stage Upflow Horizontal</b>						
AUD1A040A9H21A	80.0	32,000	40.00	14.50	28.00	2.0
AUD1B060A9H31A	80.0	47,000	40.00	17.50	28.00	3.0
AUD1B080A9H31A	80.0	63,000	40.00	17.50	28.00	3.0
AUD1C080A9H41A	80.0	64,000	40.00	21.00	28.00	4.0
AUD1B100A9H31A	80.0	79,000	40.00	17.50	28.00	3.0
AUD1C100A9H51A	80.0	79,000	40.00	21.00	28.00	5.0
AUD1D120A9H51A	80.0	96,000	40.00	24.50	28.00	5.0
AUD1D140A9H51A	80.0	111,000	40.00	24.50	28.00	5.0
<b>FREEDOM 80 High Efficiency Single-Stage Downflow Horizontal</b>						
ADD1B060A9H31A	80.0	48,000	40.00	17.50	28.00	3.0
ADD1B080A9H31A	80.0	64,000	40.00	17.50	28.00	3.0
ADD1C100A9H51A	80.0	81,000	40.00	21.00	28.00	5.0
ADD1D120A9H51A	80.0	96,000	40.00	24.50	28.00	5.0



# Greater durability and profits, backed by the only 10-year coil warranty in the industry.

For the **ultimate durability, performance and quality** in indoor coils, choose the intelligently designed American Standard Aluminum High Efficiency Comfort™ coil. The **first and only all-aluminum coil** in the industry, it's backed by an extraordinary 10-year limited warranty. Groundbreaking in its design, this all-aluminum coil delivers **increased protection** from corrosion and rust and a **highly diminished leak rate**—even in harsh environments. Include it in your customers' systems. And profit from the added durability.



## Comfort features you can take to the bank.

- 1 Aluminum tubes and tube sheets**  
The first indoor coil released with an all-aluminum design. Combats attack from corrosives in the air and organic acids that accumulate over time. Prevents pinhole or “champagne” leaks.
- 2 Aluminum fins**  
Made of a different grade of aluminum alloy than tubes. If coil is installed in a corrosive environment, the aluminum fin will become the sacrificial element, eliminating the acid attack on the tube and preventing leaks from formicary corrosion.

# Aluminum high efficiency Comfort™ coils

Ultimate



10-year limited warranty

- 3 Copper line connections**  
These haven't changed, so you won't have to change the way you work. Refrigerant line connections will still be copper to copper.
  - 4 Three-piece door design**  
Simplifies door removal so interior of coil is fully accessible.
  - 5 External service port**  
For quicker, easier serviceability. Allows for indoor evacuation and charging. Decreases downtime.
  - 6 Painted finish**  
Matches American Standard furnace cabinets for a streamlined look. It also adds increased protection from rust and corrosion.
  - 7 Two-way, sloped, noncorrosive drain pan**  
Reduces standing water that can lead to the growth of mold, mildew and bacteria. UL rated to 400° F. Noncorrosive material prevents rust.
  - 8 Foil insulation**  
100% foil-backed insulation makes cleaning a snap. Clean coils are more efficient, increase system life and improve indoor air quality.
  - 9 Inner coil panel**  
Can be removed so cleaning and servicing is easier inside the coil.
  - 10 New TXV design**  
Mechanical fittings allow easy replacement without brazing.
- Coil attachment method**  
Makes it easy to secure coil to furnace. Insert 4 stand-offs and use self-drilling screws to firmly attach. (Not shown)

Aluminum high efficiency  
Comfort™ coils

# Aluminum high efficiency Comfort™ coils

## Your Profit-ability with American Standard

### Sell-ability

- Industry leader and brand reputation
- Precision engineering
- Exclusive 10-year limited warranty

### Install-ability

- Flush fit, easy attachment
- Available for different furnace widths
- Upflow/downflow horizontal left

### Service-ability

- Easy-access cabinet
- Suction pressure service port
- Removable inner and outer panels
- TXV with mechanical fittings

### Performance-ability

- Two-way, sloped, noncorrosive drain pan
- Foil-insulated cabinet

### Rely-ability

- Noncorrosive parts
- Protection from refrigerant flooding

## A warranty for you and your customers.

Not only does an American Standard warranty protect your customers, it allows you to maintain a relationship with them and generate future business. Warranties are also a great way to promote your reputation in the community and collect referrals while ensuring customer satisfaction.

## American Standard benefits for your customers

### Reliable performance

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### Durable construction

Materials for all components are torture-tested for consistent, reliable, long-lasting performance and durability.

### Enhanced comfort

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### Cleaner air

Add an AccuClean™ air cleaner to remove up to 99.98% of airborne allergens from filtered air for a cleaner, more comfortable home.

### Efficient operation

Increased efficiency may substantially lower customers' home heating and cooling costs.

## A reputation built on reliability and durability.

American Standard salutes all the dealers who work to improve the lives of families. It's our promise to you that we will continue to dedicate ourselves to creating and manufacturing new and innovative products. Products that will also make you and your customers a lot more comfortable.

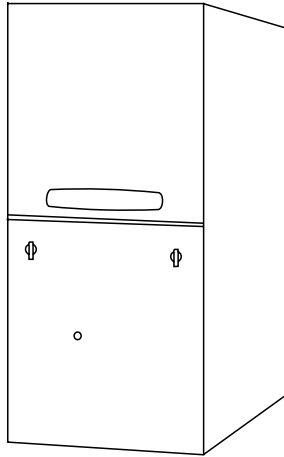
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Model Number	Cooling capacity BTUH (Nominal)	Refrigerant Control	Height (in.)	Width (in.)	Length (in.)
Aluminum High Efficiency Comfort Coils					
2/4TXCB025AS3HCA	24,000	Heat PumpTXV-NB	17.60	17.50	21.50
2/4TXCB031AS3HCA	30,000	Heat PumpTXV-NB	22.60	17.50	21.50
2/4TXCB036AS3HCA	36,000	Heat PumpTXV-NB	26.90	17.50	21.50
2/4TXCC037AS3HCA	36,000	Heat PumpTXV-NB	26.90	21.00	21.50
2/4TXCC054AS3HCA	54,000	Heat PumpTXV-NB	30.10	21.00	21.50
2/4TXCD065AS3HCA	65,000	Heat PumpTXV-NB	30.10	24.50	21.50

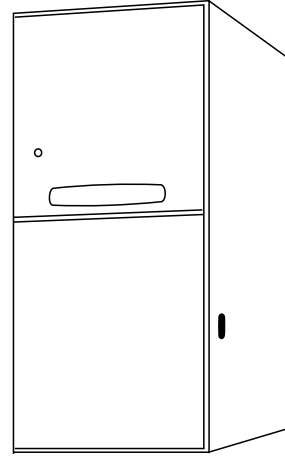
Note: 2=R22  
4=R410A

Aluminum high efficiency  
Comfort™ coils

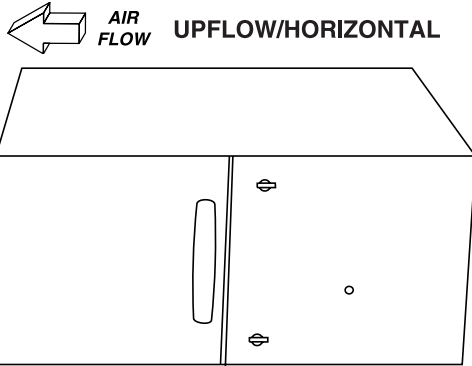
# Freedom 90 Convertible Gas Furnaces Airflow Directions



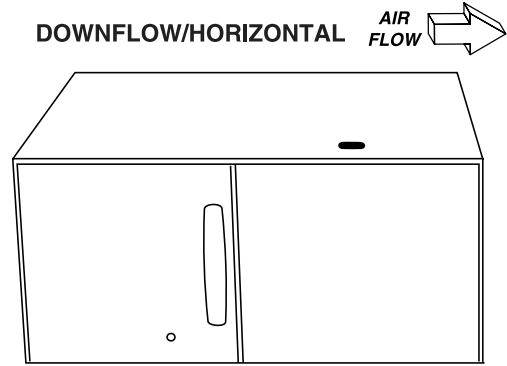
AIR FLOW  
UPFLOW



DOWNFLOW  
AIR FLOW



AIR FLOW UPFLOW/HORIZONTAL



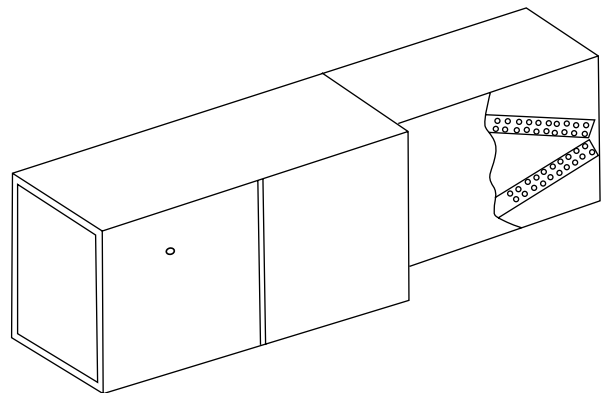
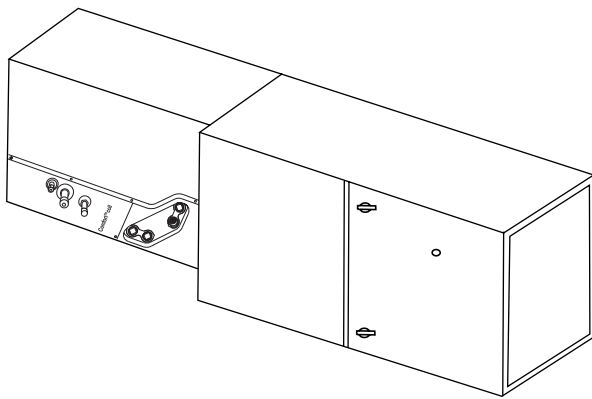
DOWNFLOW/HORIZONTAL AIR FLOW



AIR FLOW UPFLOW/HORIZONTAL



DOWNFLOW/HORIZONTAL AIR FLOW



**Note:** Coil access is opposite of furnace.



## Freedom 90 Convertible Gas Furnaces

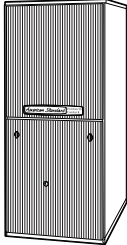
### Airflow Directions:

Downflow models when placed in horizontal position provide left to right airflow.  
Upflow models when placed in horizontal position provide right to left airflow.

**Table FUR-2-A — Freedom 90 Direct/Non-Direct Vent, Two-Stage, One or Two Pipe, Variable Speed, Upflow/Horizontal Condensing Gas Furnace (115/1/60)**

Unit Model No.	Airflow		ICS <sup>Ⓞ</sup> AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping		Filter Sizes
	In Tons	Output (Btuh) Stage 2 Stage 1					Weight (lbs.)	Max Fuse*	
AUY060R9V3W	3	56,000 37,000	93.0	2,2 <sup>1</sup> / <sub>2</sub> ,3	Silicon Nitride	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	156	15	17 x 25 x 1
AUY080R9V3W	3	73,000 48,000	92.5	2,2 <sup>1</sup> / <sub>2</sub> ,3	Silicon Nitride	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	168	15	17 x 25 x 1
AUY100R9V4W	4	93,000 60,000	93.0	2 <sup>1</sup> / <sub>2</sub> , 3	Silicon Nitride	40 x 21 x 28	197	15	20 x 25 x 1
AUY120R9V5W	5	112,000 72,000	92.5	3 Only	Silicon Nitride	40 x 24 <sup>1</sup> / <sub>2</sub> x 28	206	15	24 x 25 x 1

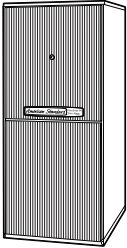
NOTE: Variable Speed Freedom 90 furnaces should not be twinned and are not approved for twinning applications.



**Table FUR-2-B — Freedom 90 Direct/Non-Direct Vent, Two-Stage, One or Two Pipe, Variable Speed, Downflow/Horizontal Condensing Gas Furnace (115/1/60)**

Unit Model No.	Airflow		ICS <sup>Ⓞ</sup> AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping		Filter Sizes
	In Tons	Output (Btuh) Stage 2 Stage 1					Weight (lbs.)	Max Fuse*	
ADY060R9V3W	3	56,000 36,000	92.0	2,2 <sup>1</sup> / <sub>2</sub> ,3	Silicon Nitride	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	160	15	(2) 14 x 20 x 1
ADY080R9V3W	3	74,000 48,000	92.5	2,2 <sup>1</sup> / <sub>2</sub> ,3	Silicon Nitride	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	168	15	(2) 14 x 20 x 1
ADY100R9V4W	4	94,000 60,000	93.0	2 <sup>1</sup> / <sub>2</sub> , 3	Silicon Nitride	40 x 21 x 28	185	15	(2) 16 x 20 x 1
ADY120R9V5W	5	112,000 72,000	92.5	3 Only	Silicon Nitride	40 x 24 <sup>1</sup> / <sub>2</sub> x 28	206	15	(2) 16 x 20 x 1

NOTE: Variable Speed Freedom 90 furnaces should not be twinned and are not approved for twinning applications.



**Table FUR-2-C — Freedom 90 Direct/Non-Direct Vent, Two Stage, One or Two Pipe, Upflow/Horizontal Condensing Gas Furnace (115/1/60)**

Unit Model No.	Airflow		ICS <sup>Ⓞ</sup> AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping		Filter Sizes
	In Tons	Output (Btuh) Stage 2 Stage 1					Weight (lbs.)	Max Fuse*	
AUX060R936W	3	56,000 36,000	93.0	2,2 <sup>1</sup> / <sub>2</sub> ,3	Silicon Nitride	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	156	15	17 x 25 x 1
AUX080R942W	3 <sup>1</sup> / <sub>2</sub>	73,000 48,000	92.5	2,2 <sup>1</sup> / <sub>2</sub> ,3	Silicon Nitride	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	168	15	17 x 25 x 1
AUX100R948W	4	93,000 60,000	93.0	2 <sup>1</sup> / <sub>2</sub> , 3	Silicon Nitride	40 x 21 x 28	197	15	20 x 25 x 1
AUX120R960W	5	112,000 72,000	92.5	3 Only	Silicon Nitride	40 x 24 <sup>1</sup> / <sub>2</sub> x 28	206	15	24 x 25 x 1

**Table FUR-2-D — Freedom 90 Direct/Non-Direct Vent, Two Stage, One or Two Pipe, Downflow/Horizontal Condensing Gas Furnace (115/1/60)**

Unit Model No.	Airflow		ICS <sup>Ⓞ</sup> AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping		Filter Sizes
	In Tons	Output (Btuh) Stage 2 Stage 1					Weight (lbs.)	Max Fuse*	
ADX060R936W	3	55,000 36,000	92.0	2,2 <sup>1</sup> / <sub>2</sub> ,3	Silicon Nitride	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	160	15	(2) 14 x 20 x 1
ADX080R942W	3 <sup>1</sup> / <sub>2</sub>	74,000 48,000	92.5	2,2 <sup>1</sup> / <sub>2</sub> ,3	Silicon Nitride	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	168	20	(2) 14 x 20 x 1
ADX100R948W	4	93,000 60,000	93.0	2 <sup>1</sup> / <sub>2</sub> , 3	Silicon Nitride	40 x 21 x 28	185	15	(2) 20 x 20 x 1
ADX120R960W	5	111,000 72,000	92.5	3 Only	Silicon Nitride	40 x 24 <sup>1</sup> / <sub>2</sub> x 28	206	15	(2) 16 x 20 x 1

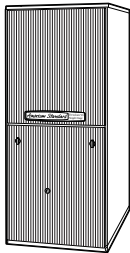
Ⓞ Isolated Combustion System.

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production

## Freedom 90 Convertible Gas Furnaces

**Table FUR-3-A — Freedom 90 Direct/Non-Direct Vent, Single-Stage, One or Two Pipe, Upflow/Horizontal Condensing Gas Furnace (115/1/60)**

Unit Model No.	Airflow In Tons	Nominal Output (Btuh)	ICS <sup>Ⓞ</sup> AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter** Sizes
AUX1B040A9H21A	2	38,000	92.1	2, 2½, 3	Silicon Nitride	40 x 17½ x 28	139	15	17 x 25 x 1
AUX1B060A9H31A	3	56,000	92.1	2, 2½, 3	Silicon Nitride	40 x 17½ x 28	150	15	17 x 25 x 1
AUX1B080A9H31A	3	74,000	92.1	2, 2½, 3	Silicon Nitride	40 x 17½ x 28	158	15	17 x 25 x 1
AUX1C100A9H41A	4	94,000	92.1	2½, 3	Silicon Nitride	40 x 21 x 28	171	20	20 x 25 x 1
AUX1D120A9H51A	5	113,000	92.1	2½, 3	Silicon Nitride	40 x 24½ x 28	205	20	24 x 25 x 1

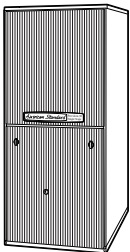


**Table FUR-3-B — Freedom 90 Direct/Non-Direct Vent, Single-Stage, One or Two Pipe, Downflow/Horizontal Condensing Gas Furnace (115/1/60)**

Unit Model No.	Airflow In Tons	Nominal Output (Btuh)	ICS <sup>Ⓞ</sup> AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter** Sizes
ADX1B040A9H21A	3	38,000	91.0	2, 2½, 3	Silicon Nitride	40 x 17½ x 28	145	15	(2) 14 x 20 x 1
ADX1B060A9H31A	3	56,000	91.0	2, 2½, 3	Silicon Nitride	40 x 17½ x 28	155	15	(2) 14 x 20 x 1
ADX1B080A9H31A	3	74,000	91.0	2, 2½, 3	Silicon Nitride	40 x 17½ x 28	168	15	(2) 14 x 20 x 1
ADX1C100A9H41A	4	94,000	91.0	2½, 3	Silicon Nitride	40 x 21 x 28	185	20	(2) 16 x 20 x 1
ADX1D120A9H51A	5	112,000	91.0	2½, 3	Silicon Nitride	40 x 24½ x 28	206	20	(2) 16 x 20 x 1

**Table FUR-3-C — Freedom 90 Direct/Non-Direct Vent, Single Stage, One or Two Pipe, Upflow/Horizontal Condensing Gas Furnace (115/1/60)**

Unit Model No.	Airflow In Tons	Nominal Output (Btuh)	ICS <sup>Ⓞ</sup> AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter** Sizes
AUX1B040A9241A	2	38,000	92.1	2, 2½, 3	Silicon Nitride	40 x 17½ x 28	139	15	17 x 25 x 1
AUX1B060A9361A	3	56,000	92.1	2, 2½, 3	Silicon Nitride	40 x 17½ x 28	150	15	17 x 25 x 1
AUX1B080A9421A	3½	74,000	92.1	2, 2½, 3	Silicon Nitride	40 x 17½ x 28	158	15	17 x 25 x 1
AUX1C080A9601A	5	76,000	92.1	2, 2½, 3	Silicon Nitride	40 x 21 x 28	171	15	20 x 25 x 1
AUX1C100A9481A	4	94,000	92.1	2½-3	Silicon Nitride	40 x 21 x 28	171	20	20 x 25 x 1
AUX1D100A9601A	5	93,000	92.1	2½-3	Silicon Nitride	40 x 24½ x 28	197	15	24 x 25 x 1
AUX1D120A9601A	5	113,000	92.1	2½-3	Silicon Nitride	40 x 24½ x 28	205	15	24 x 25 x 1



**Table FUR-3-D — Freedom 90 Direct/Non-Direct Vent, Single Stage, One or Two Pipe, Downflow/Horizontal Condensing Gas Furnace (115/1/60)**

Unit Model No.	Airflow In Tons	Nominal Output (Btuh)	ICS <sup>Ⓞ</sup> AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter** Sizes
ADX1B040A9241A	2	38,000	91.0	2, 2½, 3	Silicon Nitride	40 x 17½ x 28	145	15	(2) 14 x 20 x 1
ADX1B060A9361A	3	56,000	91.0	2, 2½, 3	Silicon Nitride	40 x 17½ x 28	155	15	(2) 14 x 20 x 1
ADX1B080A9421A	3½	74,000	91.0	2, 2½, 3	Silicon Nitride	40 x 17½ x 28	168	20	(2) 14 x 20 x 1
ADX1C100A9481A	4	94,000	91.0	2½-3	Silicon Nitride	40 x 21 x 28	185	20	(2) 16 x 20 x 1
ADX1D120A9601A	5	112,000	91.0	2½-3	Silicon Nitride	40 x 24½ x 28	206	15	(2) 16 x 20 x 1

Ⓞ Isolated Combustion System.

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

\*\* Filters are not shipped with furnace.

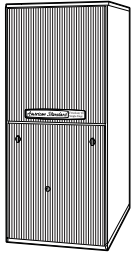
## Freedom 90 Convertible Gas Furnaces

### Airflow Directions:

Downflow models when placed in horizontal position provide left to right airflow.  
Upflow models when placed in horizontal position provide right to left airflow.

**Table FUR-4-A — Freedom 90 Direct/Non-Direct Vent, Single Stage, One or Two Pipe, Upflow/Horizontal Condensing Gas Furnace (115/1/60)**

Unit Model No.	Airflow In Tons	Nominal Output (Btuh)	ICS <sup>Ⓞ</sup> AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes
AUX040C924D	2	38,000	92.1	2,2 <sup>1</sup> / <sub>2</sub> ,3	Silicon Nitride	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	139	15	17 x 25 x 1
AUX060C936D	3	56,000	92.1	2,2 <sup>1</sup> / <sub>2</sub> ,3	Silicon Nitride	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	150	15	17 x 25 x 1
AUX080C942D	3 <sup>1</sup> / <sub>2</sub>	74,000	92.1	2,2 <sup>1</sup> / <sub>2</sub> ,3	Silicon Nitride	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	158	15	17 x 25 x 1
AUX080C960D	5	76,000	92.1	2,2 <sup>1</sup> / <sub>2</sub> ,3	Silicon Nitride	40 x 21 x 28	171	15	20 x 25 x 1
AUX100C948D	4	94,000	92.1	2 <sup>1</sup> / <sub>2</sub> , 3	Silicon Nitride	40 x 21 x 28	171	20	20 x 25 x 1
AUX100C960D	5	93,000	92.1	2 <sup>1</sup> / <sub>2</sub> , 3	Silicon Nitride	40 x 24 <sup>1</sup> / <sub>2</sub> x 28	197	15	24 x 25 x 1
AUX120C960D	5	113,000	92.1	2 <sup>1</sup> / <sub>2</sub> , 3	Silicon Nitride	40 x 24 <sup>1</sup> / <sub>2</sub> x 28	205	15	24 x 25 x 1

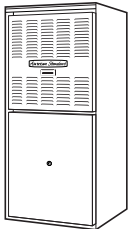


**Table FUR-4-B — Freedom 90 Direct/Non-Direct Vent, Single Stage, One or Two Pipe, Downflow/Horizontal Condensing Gas Furnace (115/1/60)**

Unit Model No.	Airflow In Tons	Nominal Output (Btuh)	ICS <sup>Ⓞ</sup> AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes
ADX040C924D	2	38,000	91.0	2,2 <sup>1</sup> / <sub>2</sub> ,3	Silicon Nitride	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	145	15	(2) 14 x 20 x 1
ADX060C936D	3	56,000	91.0	2,2 <sup>1</sup> / <sub>2</sub> ,3	Silicon Nitride	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	155	15	(2) 14 x 20 x 1
ADX080C942D	3 <sup>1</sup> / <sub>2</sub>	74,000	91.0	2,2 <sup>1</sup> / <sub>2</sub> ,3	Silicon Nitride	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	168	20	(2) 14 x 20 x 1
ADX100C948D	4	94,000	91.0	2 <sup>1</sup> / <sub>2</sub> , 3	Silicon Nitride	40 x 21 x 28	185	20	(2) 16 x 20 x 1
ADX120C960D	5	112,000	91.0	2 <sup>1</sup> / <sub>2</sub> , 3	Silicon Nitride	40 x 24 <sup>1</sup> / <sub>2</sub> x 28	206	15	(2) 16 x 20 x 1

**Table FUR-4-C — Freedom 90 Single Stage, Single Pipe, Upflow/Horizontal Condensing Gas Furnace (115/1/60)**

Unit Model No.	Airflow In Tons	Nominal Output (Btuh)	AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes
AUC040C924B	2	37,000	92.1	2,2 <sup>1</sup> / <sub>2</sub> ,3	Silicon Carbide	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	139	15	17 x 25 x 1
AUC060C936B	3	56,000	92.1	2,2 <sup>1</sup> / <sub>2</sub> ,3	Silicon Carbide	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	150	15	17 x 25 x 1
AUC080C942B	3 <sup>1</sup> / <sub>2</sub>	74,000	92.1	2,2 <sup>1</sup> / <sub>2</sub> ,3	Silicon Carbide	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	158	15	17 x 25 x 1
AUC100C948B	4	94,000	92.1	2,2 <sup>1</sup> / <sub>2</sub> ,3	Silicon Carbide	40 x 21 x 28	171	20	20 x 25 x 1
AUC100C960B	5	93,000	92.1	2,2 <sup>1</sup> / <sub>2</sub> ,3	Silicon Carbide	40 x 24 <sup>1</sup> / <sub>2</sub> x 28	197	15	24 x 25 x 1
AUC120C960B	5	113,000	92.1	3 Only	Silicon Carbide	40 x 24 <sup>1</sup> / <sub>2</sub> x 28	205	15	24 x 25 x 1



**Table FUR-4-D — Freedom 90 Single Stage, Single Pipe, Downflow/Horizontal Condensing Gas Furnace (115/1/60)**

Unit Model No.	Airflow In Tons	Nominal Output (Btuh)	AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes
ADC040C924B	2	38,000	91.0	2,2 <sup>1</sup> / <sub>2</sub> ,3	Silicon Carbide	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	145	15	(2) 14 x 20 x 1
ADC060C936B	3	56,000	91.0	2,2 <sup>1</sup> / <sub>2</sub> ,3	Silicon Carbide	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	155	15	(2) 14 x 20 x 1
ADC080C942B	3 <sup>1</sup> / <sub>2</sub>	74,000	91.0	2,2 <sup>1</sup> / <sub>2</sub> ,3	Silicon Carbide	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	168	20	(2) 14 x 20 x 1
ADC100C948B	4	93,000	91.0	2,2 <sup>1</sup> / <sub>2</sub> ,3	Silicon Carbide	40 x 21 x 28	185	20	(2) 16 x 20 x 1
ADC120C960B	5	112,000	91.0	3 Only	Silicon Carbide	40 x 24 <sup>1</sup> / <sub>2</sub> x 28	206	15	(2) 16 x 20 x 1

<sup>Ⓞ</sup> Isolated Combustion System.

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.



# Freedom 90 Convertible Gas Furnaces

## Airflow Directions:

Downflow models when placed in horizontal position provide left to right airflow. Upflow models when placed in horizontal position provide right to left airflow.

**Table FUR-5-A — Features**

	AUY/ADY 2 Stage/1-2 Pipe Variable Speed Direct/Non Direct Vent	AUX-R/ADX-R 2 Stage 1 or 2 Pipe Direct/Non Direct Vent	AUX1/ADX1 1 Stage 1 or 2 Pipe High Efficiency Direct/Non Direct Vent	AUX1/ADX1 1 Stage 1 or 2 Pipe Direct/Non Direct Vent	AUX/ADX-C 1 Stage 1 or 2 Pipe Direct/Non Direct Vent	AUC/ADC 1 Stage 1 Pipe Non DirectVent
• Comfort™ enhanced mode (cooling) .....	✓	—	—	—	—	—
• Adjustable heating fan off timing .....	✓	✓	✓	✓	✓	✓
• Alternate bottom/left/right return air (upflow only) .....	✓	✓	✓	✓	✓	✓
• Blower door safety switch .....	✓	✓	✓	✓	✓	✓
• Bottom panel .....	✓	✓	✓	✓	✓	✓
• Cleanable/Reusable high velocity filters .....	✓	✓	—	—	✓	—
• Complete front service access .....	✓	✓	✓	✓	✓	✓
• Direct drive, 4-speed motor .....	—	✓	—	✓	✓	✓
• Direct drive high efficiency, 4 speed motor .....	—	—	✓	—	—	—
• Direct drive, GE ICM variable speed blower motor .....	✓	—	—	—	—	—
• Downflow horizontal right (downflow models only) .....	ADY	ADX	ADX	ADX	ADX	ADC
• Dual PVC pipe venting (1 or 2 pipe option) .....	✓	✓	✓	✓	✓	—
• Single PVC pipe venting (1 pipe only) .....	—	—	—	—	—	✓
• Dual solenoid combination gas valve and regulator .....	✓	✓	✓	✓	✓	✓
• Gasketed blower door .....	✓	✓	✓	✓	✓	—
• Heavy gauge reinforced wrap-around steel cabinet .....	✓	✓	✓	✓	✓	✓
• Hinged blower door .....	✓	✓	✓	✓	✓	—
• Humidifier/EAC hook-up capability (factory wired) .....	✓	✓	✓	✓	✓	✓
• Inner blower door panel, downflow models only .....	ADY	ADX	ADX	ADX	ADX	ADC
• Insulated blower compartment 4 sides .....	✓	✓	✓	✓	✓	—
• Cleanable Filters .....	✓	✓	—	—	✓	—
• Internal filter rack .....	✓	✓	—	—	✓	—
• Left/right condensate drain capability in vertical application .....	✓	✓	—	✓	✓	✓
• Lite Port/Stored diagnostics .....	✓	✓	—	—	✓	—
• Mobile home approved w/BAYMFGH100A .....	✓	✓	✓	✓	✓	—
• Multi-port in shot burners .....	✓	✓	✓	✓	✓	✓
• Painted cabinet single color .....	—	—	—	—	—	✓
• Painted cabinet two tone color .....	✓	✓	✓	✓	✓	—
• Service diagnostic capabilities .....	✓	✓	✓	✓	✓	✓
• Side out blower assembly .....	✓	✓	✓	✓	✓	✓
• Side return duct starter tabs .....	✓	✓	✓	✓	✓	✓
• Silicon Carbide hot surface igniter with adaptive heat up .....	—	—	—	—	—	✓
• Silicon Nitride hot surface igniter with adaptive heat up .....	✓	✓	✓	✓	✓	—
• Single wire twinning .....	—	✓	✓	✓	✓	—
• Solid burner door (quiet operation) .....	✓	✓	✓	✓	✓	—
• 20 gauge aluminized steel heat exchanger .....	✓	✓	✓	✓	✓	✓
• 24 volt secondary fuse .....	✓	✓	✓	✓	✓	✓
• Two heating blower speeds .....	✓	✓	—	—	—	—
• Two-stage gas valve .....	✓	✓	—	—	—	—
• Type 29-4C™ stainless steel secondary heat exchanger .....	✓	✓	✓	✓	✓	✓
• Upflow horizontal left (upflow models only) .....	AUY	AUX	AUX	AUX	AUX	AUC
• Variable Speed venter motor .....	✓	✓	—	—	—	—
• Limited lifetime heat exchanger warranty to original owner and 20-years to succeeding homeowner from date of installation	✓	✓	✓	✓	✓	✓
• 5-year limited warranty on parts*	✓	✓	✓	✓	✓	✓

PHASED OUT

NOTE: Variable speed Freedom 90 furnaces should not be twinned and are not approved for twinning applications.

### Airflow Directions:

Downflow models when placed in horizontal position provide left to right airflow. Upflow models when placed in horizontal position provide right to left airflow.

**Table FUR-6-A — Optional Accessories**

	AUY/ADY 2 Stage/1-2 Pipe Variable Speed Direct/Non Direct Vent	AUX-R/ADX-R 2 Stage 1 or 2 Pipe Direct/Non Direct Vent	AUX1/ADX1 1 Stage 1 or 2 Pipe Direct/Non Direct Vent	AUX1/ADX1 1 Stage 1 or 2 Pipe Direct/Non Direct Vent	AUX/ADX-C 1 Stage 1 or 2 Pipe Direct/Non Direct Vent	AUC/ADC 1 Stage 1 Pipe Non Direct Vent
BAY69X146 ..... Horizontal vent cap (Noryl) .....	—	—	—	—	—	✓
BAY69X147 ..... Wall mount flange – 3" .....	—	—	✓	✓	✓	✓
BAY69X148 ..... Wall mount flange – 2" .....	—	—	✓	✓	✓	✓
BAYBASE205 ..... Downflow subbase .....	✓	✓	✓	✓	✓	✓
BAYFLTR200 ..... External side filter rack .....	✓	✓	✓	✓	✓	✓
BAYFLTR203 ..... Filter kit horiz conversion .....	✓	✓	—	—	✓	✓
..... for 17.5" cabinet						
BAYFLTR204 ..... Filter kit horiz conversion .....	✓	✓	—	—	✓	✓
..... for 21" cabinet						
BAYFLTR205 ..... Filter kit horiz conversion .....	✓	✓	—	—	✓	✓
..... for 24.5" cabinet						
BAYFLTR206 ..... Filter kit .....	—	—	✓	✓	✓	✓
BAYFLTR317① ..... Cleanable filter for 17.5" .....	✓	✓	✓	✓	✓	✓
..... cabinet upflow only						
BAYFLTR321① ..... Cleanable filter for 21" .....	✓	✓	✓	✓	✓	✓
..... cabinet upflow only						
BAYFLTR324① ..... Cleanable filter for 24.5" .....	✓	✓	✓	✓	✓	✓
..... cabinet upflow only						
BAYLPKT210B ..... Propane conversion kit .....	✓	✓	✓	✓	✓	✓
BAYLPSS210B ..... LP Kit with Stainless .....	✓	✓	✓	✓	✓	✓
..... Steel Burners						
BAYMFGH100A ..... Manufactured/mobile .....	✓	✓	✓	✓	—	—
..... home kit						
BAYRACK960A ..... Filter rack kit for upflow .....	AUY	AUX	✓	AUX	AUX	AUC
..... models only (internal)②③						
BAYVENT100A ..... Concentric vent kit for 2, .....	✓	✓	✓	✓	—	—
..... 2½ and 3" vent system						
BAYVENT200B ..... Sidewall vent Terminator .....	✓	✓	✓	✓	—	—
..... Kit for Direct vent furnaces						

① Contains one (1) high velocity filter.

② Internal filter rack for side or bottom return air.

③ Includes 17" Cleanable Filter.

NOTE: Variable Speed Freedom 90 Furnaces should not be twinned and are not approved for twinning applications.

## Special Use Furnace Accessories

**Table FUR-6-B — High Altitude Pressure Switch 90%**

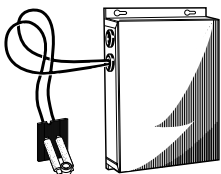
Model Number	Description	Used With	Shipping Weight
BAYHALT225	1 Switch	AUC080,100C948,120C, ADC080,120C	2
BAYHALT226	1 Switch	AUC,ADC060C	2
BAYHALT227	1 Switch	AUC100C948	2
BAYHALT228	1 Switch	AUC/ADC040C	2
BAYHALT230	1 Switch	AUX/ADX040C, AUX1B040,D100/ADX1B040	2
BAYHALT231	1 Switch	AUX060C, AUX1060C	2
BAYHALT232	1 Switch	AUX080C, AUX1B080C	2
BAYHALT233	1 Switch	AUX100,120C/ADX080,120C, AUX1C100,D120/ADX1B080,D120	2
BAYHALT234	1 Switch	ADX100C, ADX1C100	2
BAYHALT241	1 Switch	ADX060C, ADX1B060	2
BAYHALT245	2 Switches	ADX/AUX/ADY/AUY060-R	2
BAYHALT246	2 Switches	ADX/AUX/ADY/AUY080,100-R	2
BAYHALT247	2 Switches	ADX/AUX/ADY/AUY120-R	2
BAYSWT01AMALTA	1 Switch	AUX/ADX120C,100C948,AUX/ADX1D120-9601,1C100-9481	2

**Table FUR-6-C — Dual Fuel Heat Pump Control Kit②③**

Model Number	Case Height	Used With
TAYPLUS103A	Heat Pump Control Kit	Gas, LP., Oil and Electric Furnaces
TAYSTAT250B	Outdoor Thermostat	TAYPLUS103A for Restricted Mode
THT1248	Bonnet Switch	Oil Furnaces Only (Order Separately)

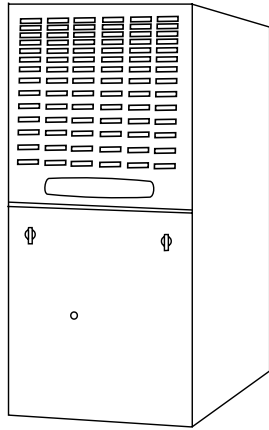
① Factory wired for non-restricted mode, can be wired for restricted mode.

② Applicable for all furnaces with 35 VA or larger low voltage transformer (separate high voltage power not required).

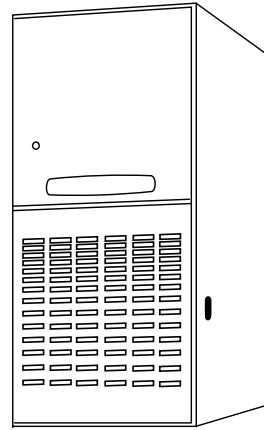


Bonnet Switch TAYPLUS103A

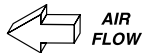
# Freedom 80 Gas Furnaces Airflow Directions



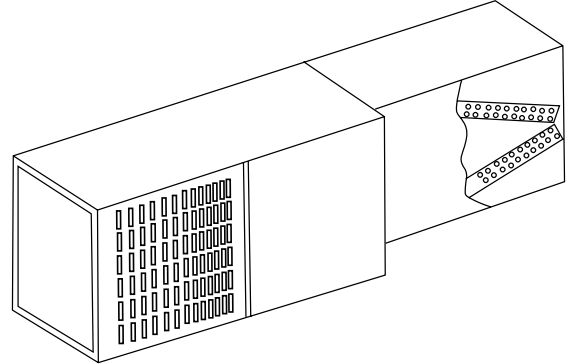
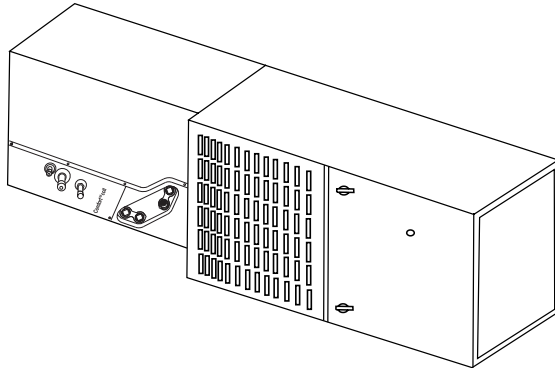
AIR FLOW  
UPFLOW



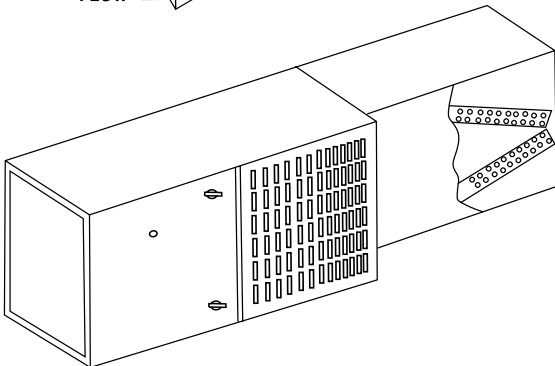
DOWNFLOW  
AIR FLOW



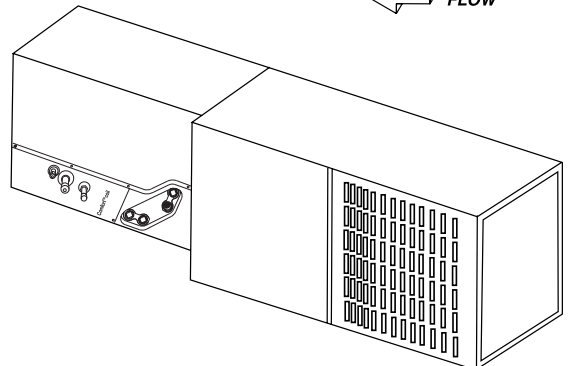
UPFLOW, DOWNFLOW, HORIZONTAL, LEFT OR RIGHT



AIR FLOW → UPFLOW



DOWNFLOW ← AIR FLOW





## Freedom 80 Convertible Gas Furnaces

**Table FUR-8-A — Freedom 80 Variable Speed, Two-Stage, Upflow/Horizontal Left or Right Induced Draft Gas Furnace (115/1/60)**

Unit Model No.	Airflow In Tons	Output (Btuh)		AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes
		Stage 2	Stage 1							
AUD060R9V3K	3	48,000	31,200	80.0	4	Silicon Nitride	40 x 17½ x 28	136	15	17 x 25 x 1
AUD080R9V3K	3	64,000	41,600	80.0	4	Silicon Nitride	40 x 17½ x 28	142	15	17 x 25 x 1
AUD080R9V4K	4	64,000	41,600	80.0	4	Silicon Nitride	40 x 21 x 28	166	15	17 x 25 x 1
AUD100R9V3K	3	80,000	52,000	80.0	4	Silicon Nitride	40 x 17½ x 28	142	15	17 x 25 x 1
AUD100R9V5K	5	79,000	52,000	80.0	4	Silicon Nitride	40 x 21 x 28	166	15	20 x 25 x 1
AUD120R9V5K	5	97,000	62,400	80.0	4	Silicon Nitride	40 x 24½ x 28	186	15	24 x 25 x 1
AUD140R9V5K	5	112,000	72,800	80.0	4	Silicon Nitride	40 x 24½ x 28	197	15	24 x 25 x 1

NOTE: Variable Speed Freedom 80 furnaces should not be twinned and are not approved for twinning applications.

**Table FUR-8-B — Freedom 80 Variable Speed, Two-Stage, Downflow/Horizontal Left or Right Induced Draft Gas Furnace (115/1/60)**

Unit Model No.	Airflow In Tons	Output (Btuh)		AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes
		Stage 2	Stage 1							
ADD060R9V3F	3	48,000	31,200	80.0	4	Silicon Nitride	40 x 17½ x 28	140	15	17 x 25 x 1
ADD080R9V3F	3	63,000	41,600	80.0	4	Silicon Nitride	40 x 17½ x 28	146	15	(2) 14 x 20 x 1
ADD100R9V5F	5	81,000	52,000	80.0	4	Silicon Nitride	40 x 21 x 28	166	15	(2) 16 x 20 x 1
ADD120R9V5F	5	95,000	62,400	80.0	4	Silicon Nitride	40 x 24½ x 28	197	15	(2) 16 x 20 x 1

NOTE: Variable Speed Freedom 80 furnaces should not be twinned and are not approved for twinning applications.

**Table FUR-8-C — Freedom 80 Two-Stage, Upflow/Horizontal, Left or Right Induced Draft Gas Furnace (115/1/60)**

Unit Model No.	Airflow In Tons	Output (Btuh)		AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes
		Stage 2	Stage 1							
AUD040R924K	2	32,000	20,800	80.0	4	Silicon Nitride	40 x 14½ x 28	119	15	17 x 25 x 1**
AUD060R936K	3	47,000	31,200	80.0	4	Silicon Nitride	40 x 14½ x 28	127	15	17 x 25 x 1**
AUD060R937K	3	47,000	31,200	80.0	4	Silicon Nitride	40 x 17½ x 28	137	15	17 x 25 x 1
AUD080R936K	3	63,000	41,600	80.0	4	Silicon Nitride	40 x 17½ x 28	142	15	17 x 25 x 1
AUD080R948K	4	63,000	41,600	80.0	4	Silicon Nitride	40 x 17½ x 28	142	15	17 x 25 x 1
AUD100R936K	3	79,000	52,000	80.0	4	Silicon Nitride	40 x 17½ x 28	151	15	17 x 25 x 1
AUD100R948K	4	79,000	52,000	80.0	4	Silicon Nitride	40 x 21 x 28	162	15	20 x 25 x 1
AUD100R960K	5	80,000	52,000	80.0	4	Silicon Nitride	40 x 21 x 28	162	15	20 x 25 x 1
AUD100R961K	5	80,000	52,000	80.0	4	Silicon Nitride	40 x 24½ x 28	175	20	24 x 25 x 1
AUD120R954K	5	95,000	62,400	80.0	4	Silicon Nitride	40 x 21 x 28	176	20	20 x 25 x 1
AUD120R960K	5	95,000	62,400	80.0	4	Silicon Nitride	40 x 24½ x 28	186	20	24 x 25 x 1
AUD140R960K	5	112,000	72,800	80.0	4	Silicon Nitride	40 x 24½ x 28	192	20	24 x 25 x 1

**Table FUR-8-D — Freedom 80 Two-Stage, Downflow/Horizontal Left or Right Induced Draft (115/1/60)**

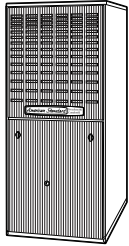
Unit Model No.	Airflow In Tons	Output (Btuh)		AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes
		Stage 2	Stage 1							
ADD040R924F	2	32,000	20,800	80.0	4	Silicon Nitride	40 x 14½ x 28	125	15	(2) 14 x 20 x 1
ADD060R936F	3	47,000	31,200	80.0	4	Silicon Nitride	40 x 14½ x 28	135	15	(2) 14 x 20 x 1
ADD060R937F	3	47,000	31,200	80.0	4	Silicon Nitride	40 x 17½ x 28	140	15	(2) 16 x 20 x 1
ADD080R936F	3	64,000	41,600	80.0	4	Silicon Nitride	40 x 17½ x 28	152	15	(2) 16 x 20 x 1
ADD100R945F	4	79,000	52,000	80.0	4	Silicon Nitride	40 x 17½ x 28	157	15	(2) 16 x 20 x 1
ADD100R948F	4	79,000	52,000	80.0	4	Silicon Nitride	40 x 21 x 28	166	15	(2) 16 x 20 x 1
ADD100R960F	5	81,000	52,000	80.0	4	Silicon Nitride	40 x 21 x 28	168	15	(2) 16 x 20 x 1
ADD120R960F	5	96,000	62,400	80.0	4	Silicon Nitride	40 x 24½ x 28	189	15	(2) 16 x 20 x 1
ADD140R960F	5	113,000	72,800	80.0	4	Silicon Nitride	40 x 24½ x 28	196	15	(2) 16 x 20 x 1

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

\*\* Ships with filter sizes. May be trimmed for bottom return.

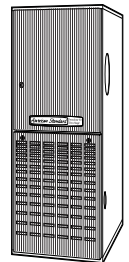
# American Standard

## Freedom 80 Convertible Gas Furnaces



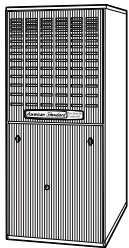
**Table FUR-9-A — Freedom 80 Single Stage, Upflow Horizontal, Left or Right Induced Draft Gas Furnace (115/1/60)**

Unit Model No.	Airflow In Tons	Nominal Output (Btuh)	AFUE	Flue Size (in.)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter** Sizes
AUD1A040A9H21A	2	32,000	80	4	Silicon Nitride	40 x 14 <sup>1</sup> / <sub>2</sub> x 28	119	15	17 x 25 x 1
AUD1B060A9H31A	3	47,000	80	4	Silicon Nitride	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	127	15	17 x 25 x 1
AUD1B080A9H31A	3	63,000	80	4	Silicon Nitride	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	142	15	17 x 25 x 1
AUD1C080A9H41A	4	64,000	80	4	Silicon Nitride	40 x 21 x 28	142	20	20 x 25 x 1
AUD1B100A9H31A	3	79,000	80	4	Silicon Nitride	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	151	20	17 x 25 x 1
AUD1C100A9H51A	5	79,000	80	4	Silicon Nitride	40 x 21 x 28	162	20	20 x 25 x 1
AUD1D120A9H51A	5	96,000	80	4	Silicon Nitride	40 x 24 <sup>1</sup> / <sub>2</sub> x 28	186	20	24 x 25 x 1
AUD1D140A9H51A	5	111,000	80	4	Silicon Nitride	40 x 24 <sup>1</sup> / <sub>2</sub> x 28	193	20	24 x 25 x 1



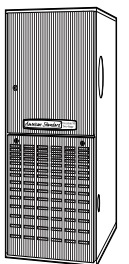
**Table FUR-9-B — Freedom 80 Single Stage, Downflow Horizontal, Left or Right Induced Draft Gas Furnace (115/1/60)**

Unit Model No.	Airflow In Tons	Nominal Output (Btuh)	AFUE	Flue Size (in.)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter** Sizes
ADD1B060A9H31A	3	48,000	80	4	Silicon Nitride	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	139	15	(2) 14 x 20 x 1
ADD1B080A9H31A	3	64,000	80	4	Silicon Nitride	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	146	15	(2) 14 x 20 x 1
ADD1C100A9H51A	5	81,000	80	4	Silicon Nitride	40 x 21 x 28	167	20	(2) 16 x 20 x 1
ADD1D120A9H51A	5	96,000	80	4	Silicon Nitride	40 x 24 <sup>1</sup> / <sub>2</sub> x 28	189	20	(2) 16 x 20 x 1



**Table FUR-9-C — Freedom 80 Single Stage, Upflow/Horizontal Left or Right Induced Draft Gas Furnace (115/1/60)**

Unit Model No.	Airflow In Tons	Nominal Output (Btuh)	AFUE	Flue Size (in.)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter** Sizes
AUD1A040A9241A	2	32,000	80.0	4	Silicon Nitride	40 x 14 <sup>1</sup> / <sub>2</sub> x 28	119	15	17 x 25 x 1
AUD1A040A9301A	2 <sup>1</sup> / <sub>2</sub>	32,000	80.0	4	Silicon Nitride	40 x 14 <sup>1</sup> / <sub>2</sub> x 28	122	15	17 x 25 x 1
AUD1A060A9241A	2	47,000	80.0	4	Silicon Nitride	40 x 14 <sup>1</sup> / <sub>2</sub> x 28	124	15	17 x 25 x 1
AUD1A060A9361A	3	47,000	80.0	4	Silicon Nitride	40 x 14 <sup>1</sup> / <sub>2</sub> x 28	127	15	17 x 25 x 1
AUD1B060A9361A	3	47,000	80.0	4	Silicon Nitride	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	137	15	17 x 25 x 1
AUD1B080A9241A	2	64,000	80.0	4	Silicon Nitride	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	139	15	17 x 25 x 1
AUD1B080A9361A	3	63,000	80.0	4	Silicon Nitride	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	142	15	17 x 25 x 1
AUD1B080A9481A	4	64,000	80.0	4	Silicon Nitride	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	142	15	17 x 25 x 1
AUD1C080A9601A	5	64,000	80.0	4	Silicon Nitride	40 x 21 x 28	154	15	20 x 25 x 1
AUD1C100A9361A	3	79,000	80.0	4	Silicon Nitride	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	151	15	17 x 25 x 1
AUD1C100A9451A	4	80,000	80.0	4	Silicon Nitride	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	153	15	17 x 25 x 1
AUD1C100A9481A	4	79,000	80.0	4	Silicon Nitride	40 x 21 x 28	162	15	20 x 25 x 1
AUD1C100A9601A	5	79,000	80.0	4	Silicon Nitride	40 x 21 x 28	162	20	20 x 25 x 1
AUD1D100A9721A	6	80,000	80.0	4	Silicon Nitride	40 x 24 <sup>1</sup> / <sub>2</sub> x 28	175	20	24 x 25 x 1
AUD1C120A9541A	5	96,000	80.0	4	Silicon Nitride	40 x 21 x 28	176	20	20 x 25 x 1
AUD1D120A9601A	5	96,000	80.0	4	Silicon Nitride	40 x 24 <sup>1</sup> / <sub>2</sub> x 28	186	20	24 x 25 x 1
AUD1D140A9601A	5	111,000	80.0	4	Silicon Nitride	40 x 24 <sup>1</sup> / <sub>2</sub> x 28	193	20	24 x 25 x 1



**Table FUR-9-D — Freedom 80 Single Stage, Downflow/Horizontal Left or Right Induced Draft Gas Furnace (115/1/60)**

Unit Model No.	Airflow In Tons	Nominal Output (Btuh)	AFUE	Flue Size (in.)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter** Sizes
ADD1A040A9241A	2	31,000	78.0	4	Silicon Nitride	40 x 14 <sup>1</sup> / <sub>2</sub> x 28	119	15	(2) 14 x 20 x 1
ADD1A060A9241A	2	48,000	80.0	4	Silicon Nitride	40 x 14 <sup>1</sup> / <sub>2</sub> x 28	129	15	(2) 14 x 20 x 1
ADD1A060A9361A	3	48,000	80.0	4	Silicon Nitride	40 x 14 <sup>1</sup> / <sub>2</sub> x 28	129	15	(2) 14 x 20 x 1
ADD1B060A9361A	3	48,000	80.0	4	Silicon Nitride	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	141	15	(2) 14 x 20 x 1
ADD1B080A9361A	3	64,000	80.0	4	Silicon Nitride	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	146	15	(2) 14 x 20 x 1
ADD1B080A9451A	4	64,000	80.0	4	Silicon Nitride	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	146	15	(2) 14 x 20 x 1
ADD1B100A9451A	4	80,000	80.0	4	Silicon Nitride	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	156	15	(2) 14 x 20 x 1
ADD1C100A9481A	4	80,000	80.0	4	Silicon Nitride	40 x 21 x 28	166	15	(2) 16 x 20 x 1
ADD1C100A9541A	5	81,000	80.0	4	Silicon Nitride	40 x 21 x 28	167	15	(2) 16 x 20 x 1
ADD1C120A9541A	5	96,000	80.0	4	Silicon Nitride	40 x 21 x 28	177	15	(2) 16 x 20 x 1
ADD1D120A9601A	5	96,000	80.0	4	Silicon Nitride	40 x 24 <sup>1</sup> / <sub>2</sub> x 28	189	15	(2) 16 x 20 x 1
ADD1D140A9601A	5	113,000	80.0	4	Silicon Nitride	40 x 24 <sup>1</sup> / <sub>2</sub> x 28	196	15	(2) 16 x 20 x 1

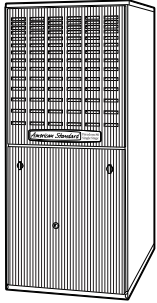
\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

\*\* Filters are not shipped with furnace.



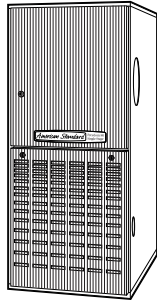
*American  
Standard*

# Freedom 80 Convertible Gas Furnaces



**Table FUR-10-A — Freedom 80 Single Stage, Upflow/Horizontal Left or Right Induced Draft Gas Furnace (115/1/60)**

Unit Model No.	Airflow In Tons	Nominal Output (Btuh)	AFUE	Flue Size (in.)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes
AUD040C924K	2	32,000	80.0	4	Silicon Nitride	40 x 14 <sup>1</sup> / <sub>2</sub> x 28	119	15	17 x 25 x 1**
AUD040C930K	2 <sup>1</sup> / <sub>2</sub>	32,000	80.0	4	Silicon Nitride	40 x 14 <sup>1</sup> / <sub>2</sub> x 28	122	15	17 x 25 x 1**
AUD060C924K	2	47,000	80.0	4	Silicon Nitride	40 x 14 <sup>1</sup> / <sub>2</sub> x 28	124	15	17 x 25 x 1**
AUD060C936K	3	47,000	80.0	4	Silicon Nitride	40 x 14 <sup>1</sup> / <sub>2</sub> x 28	127	15	17 x 25 x 1**
AUD060C937K	3	47,000	80.0	4	Silicon Nitride	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	137	15	17 x 25 x 1
AUD080C924K	2	64,000	80.0	4	Silicon Nitride	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	139	15	17 x 25 x 1
AUD080C936K	3	63,000	80.0	4	Silicon Nitride	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	142	15	17 x 25 x 1
AUD080C948K	4	64,000	80.0	4	Silicon Nitride	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	142	15	17 x 25 x 1
AUD080C960K	5	64,000	80.0	4	Silicon Nitride	40 x 21 x 28	156	15	20 x 25 x 1
AUD100C936K	3	79,000	80.0	4	Silicon Nitride	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	151	15	17 x 25 x 1
AUD100C945K	4	80,000	80.0	4	Silicon Nitride	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	153	15	17 x 25 x 1
AUD100C948K	4	79,000	80.0	4	Silicon Nitride	40 x 21 x 28	162	15	20 x 25 x 1
AUD100C960K	5	79,000	80.0	4	Silicon Nitride	40 x 21 x 28	162	20	20 x 25 x 1
AUD100C972K	6	80,000	80.0	4	Silicon Nitride	40 x 24 <sup>1</sup> / <sub>2</sub> x 28	175	20	24 x 25 x 1
AUD120C954K	5	96,000	80.0	4	Silicon Nitride	40 x 21 x 28	176	20	20 x 25 x 1
AUD120C960K	5	96,000	80.0	4	Silicon Nitride	40 x 24 <sup>1</sup> / <sub>2</sub> x 28	186	20	24 x 25 x 1
AUD140C960K	5	111,000	80.0	4	Silicon Nitride	40 x 24 <sup>1</sup> / <sub>2</sub> x 28	193	20	24 x 25 x 1



**Table FUR-10-B — Freedom 80 Single Stage, Downflow/Horizontal Left or Right Induced Draft Gas Furnace (115/1/60)**

Unit Model No.	Airflow In Tons	Nominal Output (Btuh)	AFUE	Flue Size (in.)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes
ADD040C924F	2	31,000	78.0	4	Silicon Nitride	40 x 14 <sup>1</sup> / <sub>2</sub> x 28	119	15	(2) 14 x 20 x 1
ADD060C924F	2	48,000	80.0	4	Silicon Nitride	40 x 14 <sup>1</sup> / <sub>2</sub> x 28	129	15	(2) 14 x 20 x 1
ADD060C936F	3	48,000	80.0	4	Silicon Nitride	40 x 14 <sup>1</sup> / <sub>2</sub> x 28	129	15	(2) 14 x 20 x 1
ADD060C937F	3	48,000	80.0	4	Silicon Nitride	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	141	15	(2) 14 x 20 x 1
ADD080C936F	3	64,000	80.0	4	Silicon Nitride	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	146	15	(2) 14 x 20 x 1
ADD080C945F	4	64,000	80.0	4	Silicon Nitride	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	146	15	(2) 16 x 20 x 1
ADD100C945F	4	80,000	80.0	4	Silicon Nitride	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	156	15	(2) 16 x 20 x 1
ADD100C948F	4	80,000	80.0	4	Silicon Nitride	40 x 21 x 28	166	15	(2) 16 x 20 x 1
ADD100C954F	5	81,000	80.0	4	Silicon Nitride	40 x 21 x 28	167	15	(2) 16 x 20 x 1
ADD120C954F	5	96,000	80.0	4	Silicon Nitride	40 x 21 x 28	177	15	(2) 16 x 20 x 1
ADD120C960F	5	96,000	80.0	4	Silicon Nitride	40 x 24 <sup>1</sup> / <sub>2</sub> x 28	189	15	(2) 16 x 20 x 1
ADD140C960F	5	113,000	80.0	4	Silicon Nitride	40 x 24 <sup>1</sup> / <sub>2</sub> x 28	196	15	(2) 16 x 20 x 1

\*\* Ship with filter sizes. May be trimmed for bottom return.



# Freedom 80 Convertible Gas Furnaces

### Airflow Directions:

Downflow models when placed in horizontal position provide left to right airflow. Upflow models when placed in horizontal position provide right to left airflow.

### Table FUR-11-A — Features

	AUD-R-V-K ADD-R-V-F 2-Stg. Variable Speed	AUD-R-K ADD-R-F 2 Stage	AUD1/ADD1 1 Stage 1 or 2 Pipe High Efficiency	AUD1/ADD1 1 Stage	AUD-C-K ADD-C-K 1 Stage
• Comfort-R™ enhanced mode (cooling) .....	✓	—	—	—	—
• Adjustable heating fan off timing .....	✓	✓	✓	✓	✓
• Adjustable internal filter rack① .....	✓	✓	—	—	✓
• Alternate bottom/left/right return air① .....	✓	✓	✓	✓	✓
• Attractive color accents .....	✓	✓	✓	✓	✓
• Blower door safety switch .....	✓	✓	✓	✓	✓
• Bottom Panel① .....	✓	✓	✓	✓	✓
• Cleanable/reusable high velocity filters .....	✓	✓	—	—	✓
• Common vent capability .....	✓	✓	✓	✓	✓
• Complete front service access .....	✓	✓	✓	✓	✓
• Direct drive, 4-speed motor .....	—	✓	✓	✓	✓
• Direct drive, GE ICM variable speed blower motor .....	✓	—	—	—	—
• Filter .....	✓	✓	—	—	✓
• Gasketed blower door .....	✓	✓	✓	✓	✓
• Heavy gauge reinforced wrap-around steel cabinet .....	✓	✓	✓	✓	✓
• Hinged blower door① .....	✓	✓	✓	✓	✓
• Horizontal left/right without conversion required .....	✓	✓	✓	✓	✓
• Humidifier/EAC hook-up capability (factory-wired) .....	✓	✓	✓	✓	✓
• Inner blower door panel on downflow models only .....	✓	✓	✓	✓	✓
• Insulated blower compartment 4 sides① .....	✓	✓	✓	✓	✓
• Integrated solid state control w/self diagnostics .....	✓	✓	✓	✓	✓
• Internal filter rack .....	✓	✓	—	—	✓
• Left/right gas connection .....	✓	✓	✓	✓	✓
• Manual reset flame roll out switches .....	✓	✓	✓	✓	✓
• Manually resettable burner switches .....	✓	✓	✓	✓	✓
• Masonry Chimney Venting w/BAYVENT800B .....	✓	✓	✓	✓	✓
• Multi-port in shot burners .....	✓	✓	✓	✓	✓
• Painted cabinet single color .....	—	—	—	—	—
• Perfect fit door latches① .....	✓	✓	✓	✓	✓
• Right or left hand side knock out for venting (downflow models only) .....	✓	✓	✓	✓	✓
• Selectable cooling fan off delay eliminates need for time delay relay BAY24X045 .....	✓	✓	✓	✓	✓
• Service diagnostic sight glass .....	✓	✓	✓	✓	✓
• Side return starter tabs .....	AUD	AUD	AUD	AUD	AUD
• Silicon Carbide hot surface igniter with adaptive heat up .....	—	—	—	—	—
• Silicon Nitride hot surface igniter with adaptive heat up .....	✓	✓	✓	✓	✓
• Single door filter access .....	✓	✓	✓	✓	✓
• Single wire twinning .....	—	✓	✓	✓	✓
• Slide out blower assembly .....	✓	✓	✓	✓	✓
• Standard filter sizes① .....	✓	✓	✓	✓	✓
• 3-way vent option on downflow models (top, right or left) (downflow only) .....	✓	✓	✓	✓	✓
• 20 gauge aluminized steel heat exchanger .....	✓	✓	✓	✓	✓
• 24 volt secondary fuse .....	✓	✓	✓	✓	✓
• Two heating blower speeds .....	✓	✓	—	—	—
• Two speed venter motor .....	✓	✓	—	—	—
• Two tone color .....	✓	✓	✓	✓	✓
• Two-stage gas valve .....	✓	✓	—	—	—
• Non-prorated 20-year heat exchanger limited warranty (Residential only)* .....	✓	✓	✓	✓	✓
• 5-year limited warranty on parts* .....	✓	✓	✓	✓	✓

PHASED OUT

① Upflow only.

NOTE: Variable speed Freedom 80 furnaces should not be twinned and are not approved for twinning applications.

### Airflow Directions:

Downflow models when placed in horizontal position provide left to right airflow. Upflow models when placed in horizontal position provide right to left airflow.

**Table FUR-12-A — Optional Accessories**

	AUD-R-V-K ADD-R-V-F 2-Stg. Variable Speed	AUD-R-K ADD-R-F 2 Stage	AUD1/ADD1 1 Stage High Efficiency	AUD1/ADD1 1 Stage	AUD-C-K ADD-C-F 1 Stage
BAYBASE205 ..... Downflow subbase for downflow models only .....	✓	✓	✓	✓	✓
BAYFLTR200 ..... Side Filter Rack (External) .....	✓	✓	—	AUD1	—
BAYFLTR203 ..... Filter kit horiz conversion for 17.5" cabinet .....	✓	✓	—	—	—
BAYFLTR204 ..... Filter kit horiz conversion for 21" cabinet .....	✓	✓	—	—	—
BAYFLTR205 ..... Filter kit horiz conversion for 24.5" cabinet .....	✓	✓	—	—	—
BAYFLTR206 ..... Filter Access Door Kit .....	✓	✓	ADD1	ADD1	—
BAYFLTR317Ⓞ ..... Cleanable filter for 14.5" .....	—	—	✓	✓	—
and 17.5" cabinet upflow only					
BAYFLTR321Ⓞ ..... Cleanable filter for 21" cabinet upflow only .....	✓	✓	✓	✓	—
BAYFLTR324Ⓞ ..... Cleanable filter for 24.5" cabinet upflow only .....	✓	✓	✓	✓	—
BAYLPKT210B ..... Propane conversion kit .....	✓	✓	✓	✓	—
BAYLPSS210B ..... LP Kit with Stainless Steel Burners .....	✓	✓	✓	✓	—
BAYRACK960AⓄⓄⓄ ..... Filter Rack Kit for upflow models only (internal) .....	AUD	AUD	✓	✓	—
BAYVENT800BⓄ ..... Masonry chimney vent kit .....	✓	✓	✓	✓	—

PHASED OUT

- Ⓞ Contains one (1) high velocity filter.
  - Ⓞ Available for models with 1800 CFM or greater which require an additional side return.
  - Ⓞ Upflow only.
  - Ⓞ AUD-C-J/AUD-R-J and later
  - Ⓞ Includes 17" Cleanable Filter.
- NOTE: Variable Speed Freedom 80 Furnaces should not be twinned and are not approved for twinning applications.

## Special Use Furnace Accessories

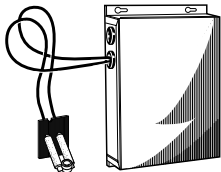
**Table FUR-12-B — High Altitude Pressure Switch 80%**

Model Number	Description	Used With	Shipping Weight
BAYHALT248	1 Switch	AUD-C-K/ADD-C-F, AUD1, ADD1	2
BAYHALT249	1 Switch	AUD-R-K,ADD-R-F	2

**Table FUR-12-C — Dual Fuel Heat Pump Control KitⓄⓄ**

Model Number	Case Height	Used With
TAYPLUS103A .....	Heat Pump Control Kit .....	Gas, LP., Oil and Electric Furnaces
TAYSTAT250B .....	Outdoor Thermostat .....	TAYPLUS103A for Restricted Mode
THT1248 .....	Bonnet Switch .....	Oil Furnaces Only (Order Separately)

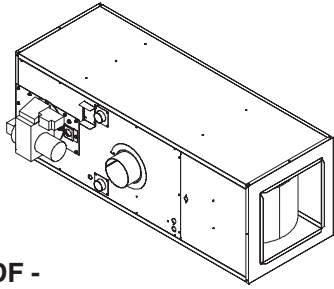
- Ⓞ Factory wired for non-restricted mode, can be wired for restricted mode.
- Ⓞ Applicable for all furnaces with 35 VA or larger low voltage transformer (separate high voltage power not required).



Bonnet Switch  
TAYPLUS103A

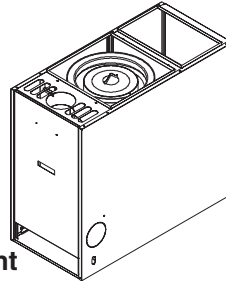
# American Standard

## Variable Speed High Efficiency Oil Furnaces



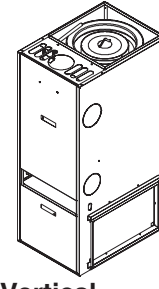
### ADF - Downflow/Horizontal

- Up to 82.7% Annual Fuel Utilization Efficiency (AFUE)
- 13 gauge hot rolled steel wrap around heat exchanger for durability
- Beckett Flame Retention Burner operates cleanly and quietly
- Burner features include primary control with interrupted ignition for reliability, pre-purge and clean cutoff solenoid valve for smooth ignition
- Burner and controls factory wired
- Dual clean out ports for quick access and easy cleaning
- Insulated blower compartment
- Variable speed blower motor



### ALF - Lowboy Front Flue (TLR not shown)

- Slide out blower assembly for quick cleaning and service accessibility
- Filter rack with cleanable filter (Highboy & Lowboy Models) except Downflow/Horizontal
- **5 year limited parts warranty**
- **Limited lifetime heat exchanger warranty**
- Preformed ceramic fiber combustion chamber for higher efficiencies and more complete combustion
- 40 VA control transformer for add on cooling
- Heavy gauge, powder paint (two tone), steel cabinet



### AHV - Highboy Vertical

- Recessed door handles for easy removal of Highboy & lowboy Furnace doors
- Lowboy models available with front or rear flue option
- Highboy models with top or right side venting
- Downflow/Horizontal model field convertible from Downflow to right or left horizontal
- 6" Left and Right side fresh air knockouts – Highboy and Lowboy Models
- Barometric draft regulator included

**Table FUR-13-A — Specifications:**

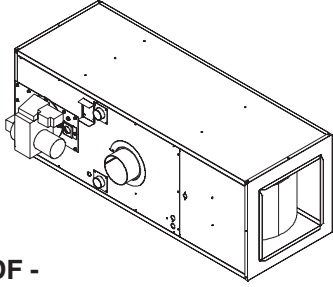
Model Number	Airflow In Tons (Nom.)	Nominal Cap-BTUH *Htg Output	ICS AFUE	FLue Size	Uncrated Dimensions(In.)			Mfg. Plant	Shipping Weight
					H	W	D		
AHV1M087A9V3SAA	3	87,000	82.4	6"	58	22.25	31	TR	260
AHV1M087A9V5SAA	5	87,000	82.6	6"	58	22.25	31	TR	260
ALF1M087A9V3SAA	3	87,000	82.0	6"	41.5	22.25	47	TR	300
ALF1M087A9V5SAA	5	87,000	82.7	6"	41.5	22.25	47	TR	300
ALR1M087A9V3SAA	3	87,000	82.0	6"	41.5	22.25	47	TR	300
ALR1M087A9V5SAA	5	87,000	82.4	6"	41.5	22.25	47	TR	300
ADF1M087A9V5SAA	3	87,000	81.7	6"	22.25	61.25	22.25	TR	280
ADF1M087A9V3SAA	5	87,000	82.6	6"	22.25	61.25	22.25	TR	280

\* Other input/output capacities are available by changing the burner nozzle. See installer's guide for details.

**Table FUR-13-B — Accessories:**

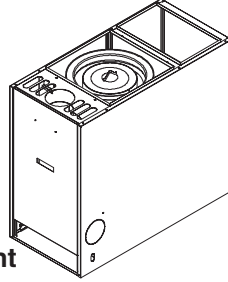
Model	Description	Used With	Mfg. Plant	Shipping Weight
BAYSUB10ABASEAA	Downflow Subbase	ADF1M087A9V3, 9V5SAA	TR	22
BAYTRM10AVENTAA	Top Panel & Trim Ring	AHV1M087A9V3, 9V5SAA	TR	1

## High Efficiency Oil Furnaces



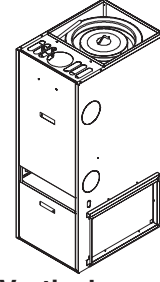
### ADF - Downflow/Horizontal

- Up to 82.4% Annual Fuel Utilization Efficiency (AFUE)
- 13 gauge hot rolled steel wrap around heat exchanger for durability
- Beckett Flame Retention Burner operates cleanly and quietly
- Burner features include primary control with interrupted ignition for reliability, pre-purge and clean cutoff solenoid valve for smooth ignition
- Burner and controls factory wired
- Dual clean out ports for quick access and easy cleaning
- Direct drive, permanently lubricated, 4 speed blower motor



### ALF - Lowboy Front Flue (TLR not shown)

- Insulated blower compartment
- Slide out blower assembly for quick cleaning and service accessibility
- Filter rack with washable filter (Highboy & Lowboy Models) except Downflow/Horizontal
- 5 year parts limited warranty and lifetime heat exchanger warranty
- Preformed ceramic fiber combustion chamber for higher efficiencies and more complete combustion
- 40 VA control transformer for add on cooling
- Heavy gauge, powder paint (two tone), steel cabinet



### AHV - Highboy Vertical

- Recessed door handles for easy removal of Highboy & lowboy Furnace doors
- Lowboy models available with front or rear flue option
- Highboy models with top or right side venting
- Downflow/Horizontal model field convertible from Downflow to right or left horizontal
- 6" Left and Right side fresh air knockouts – Highboy and Lowboy Models
- Barometric draft regulator included

Table FUR-14-A — Specifications:

Model Number	Airflow In Tons (Nom.)	Nominal Cap-BTUH *Htg Output	ICS AFUE	FLue Size	Uncrated Dimensions(In.)			Mfg. Plant	Shipping Weight
					H	W	D		
AHV1M087A936SAA	3	87,000	82.4	6"	58	22.25	31	TR	260
AHV1M087A948SAA	4	87,000	82.4	6"	58	22.25	31	TR	260
ALF1M087A936SAA	3	87,000	82.0	6"	41.5	22.25	47	TR	300
ALF1M087A948SAA	4	87,000	82.0	6"	41.5	22.25	47	TR	300
ALR1M087A936SAA	3	87,000	82.0	6"	41.5	22.25	47	TR	300
ALR1M087A948SAA	4	87,000	82.0	6"	41.5	22.25	47	TR	300
ADF1M087A936SAA	3	87,000	81.7	6"	22.25	61.25	22.25	TR	280
ADF1M087A948SAA	4	87,000	81.7	6"	22.25	61.25	22.25	TR	280

\* Other input/output capacities are available by changing the burner nozzle. See installer's guide for details.

Table FUR-14-B — Accessories:

Model	Description	Used With	Mfg. Plant	Shipping Weight
BAYSUB10ABASEAA	Downflow Subbase	ADF1M087A936, 948SAA	TR	22
BAYTRM10AVENTAA	Top Panel & Trim Ring	AHV1M087A936, 948SAA	TR	1



# Upflow/Horizontal 90% Gas Furnace Quick Reference

## Specifications:

Furnace Model Number <sup>®</sup>	Nom. BTUH Output	ICSO AFUE	Max.② Airflow	Blower Speed Taps	Motor H.P.	Flue Size (in.)	Propane Conversion Kit	Outlet Air		Return Air			
								W	D	Bottom		Side	
										W	D	H	D
<b>UPFLOW/HORIZONTAL — FREEDOM 90 VARIABLE SPEED WITH RECUPERATIVE CELL DIRECT/NON DIRECT VENT TWO-STAGE</b>													
AUY060R9V3W	56,000	93.0	1275	Var.	Var.	2-3	BAYLPKT210B	16.25	19.6	16	23.5	14.88	23.75
AUY080R9V3W	73,000	92.5	1400	Var.	Var.	2-3	BAYLPKT210B	16.25	19.6	16	23.5	14.88	23.75
AUY100R9V4W	93,000	93.0	1770	Var.	Var.	2 1/2-3	BAYLPKT210B	19.75	19.6	19	23.5	14.88	23.75
AUY120R9V5W	112,000	92.5	1920	Var.	Var.	3 Only	BAYLPKT210B	23.25	19.6	23	23.5	14.88	23.75
<b>UPFLOW/HORIZONTAL — FREEDOM 90 DIRECT/NON-DIRECT VENT, TWO STAGE, 1 OR 2 PIPE, UPFLOW/HORIZONTAL CONDENSING GAS FURNACE</b>													
AUX060R936W	56,000	93.0	1196	4	1/3	2-3	BAYLPKT210B	16.25	19.6	16	23.5	14.88	23.75
AUX080R942W	73,000	92.5	1470	4	1/3	2-3	BAYLPKT210B	16.25	19.6	16	23.5	14.88	23.75
AUX100R948W	93,000	93.0	1746	4	1/2	2 1/2-3	BAYLPKT210B	19.75	19.6	19	23.5	14.88	23.75
AUX120R960W	112,000	92.5	2261	4	3/4	3	BAYLPKT210B	23.25	19.6	23	23.5	14.88	23.75
<b>UPFLOW/ HORIZONTAL- FREEDOM 90 DIRECT/NON-DIRECT VENT, SINGLE-STAGE, ONE OR TWO PIPE, CONDENSING GAS FURNACE (115/1/60)</b>													
AUX1B040A9H21A	38,000	92.1	1052	4	1/2	2, 2 1/2, 3	BAYLPKT210B	16.25	19.6	16	23.5	14.88	23.75
AUX1B060A9H31A	56,000	92.1	1248	4	1/2	2, 2 1/2, 3	BAYLPKT210B	16.25	19.6	16	23.5	14.88	23.75
AUX1B080A9H31A	74,000	92.1	1320	4	1/2	2, 2 1/2, 3	BAYLPKT210B	16.25	19.6	16	23.5	14.88	23.75
AUX1C100A9H41A	94,000	92.1	1737	4	3/4	2 1/2, 3	BAYLPKT210B	19.75	19.6	19	23.5	14.88	23.75
AUX1D120A9H51A	113,000	92.1	2023	4	1.0	2 1/2, 3	BAYLPKT210B	23.25	19.6	23	23.5	14.88	23.75
<b>UPFLOW/ HORIZONTAL- FREEDOM 90 DIRECT/NON-DIRECT VENT, SINGLE-STAGE, ONE OR TWO PIPE, CONDENSING GAS FURNACE (115/1/60)</b>													
AUX1B040A9241A	38,000	92.1	812	4	1/5	2-3	BAYLPKT210B	16.25	19.6	16	23.5	14.88	23.75
AUX1B060A9361A	56,000	92.1	1196	4	1/3	2-3	BAYLPKT210B	16.25	19.6	16	23.5	14.88	23.75
AUX1B080A9421A	74,000	92.1	1470	4	1/3	2-3	BAYLPKT210B	16.25	19.6	16	23.5	14.88	23.75
AUX1B080A9601A	76,000	92.1	2121	4	1/2	2-3	BAYLPKT210B	16.25	19.6	16	23.5	14.88	23.75
AUX1C100A9481A	94,000	92.1	1746	4	1/2	2 1/2-3	BAYLPKT210B	19.75	19.6	19	23.5	14.88	23.75
AUX1C100A9601A	93,000	92.1	2165	4	1/2	2 1/2-3	BAYLPKT210B	23.25	19.6	23	23.5	14.88	23.75
AUX1D120A9601A	113,000	92.1	2261	4	1/2	3 Only	BAYLPKT210B	23.25	19.6	23	23.5	14.88	23.75
<b>UPFLOW/HORIZONTAL — FREEDOM 90 WITH RECUPERATIVE COIL SINGLE STAGE</b>													
AUC040C924B	37,000	92.1	812	4	1/5	2 1/2-3	BAYLPKT210B	16.25	19.6	16	23.5	14.88	23.75
AUC060C936B	56,000	92.1	1196	4	1/3	2 1/2-3	BAYLPKT210B	16.25	19.6	16	23.5	14.88	23.75
AUC080C942B	74,000	92.1	1470	4	1/3	2 1/2-3	BAYLPKT210B	16.25	19.6	16	23.5	14.88	23.75
AUC100C948B	94,000	92.1	1746	4	1/2	2 1/2-3	BAYLPKT210B	19.75	19.6	19	23.5	14.88	23.75
AUC100C960B	93,000	92.1	2165	4	1/2	2 1/2-3	BAYLPKT210B	23.25	19.6	23	23.5	14.88	23.75
AUC120C960B	113,000	92.1	2261	4	1/2	3 Only	BAYLPKT210B	23.25	19.6	23	23.5	14.88	23.75
<b>UPFLOW/HORIZONTAL — FREEDOM 90 WITH RECUPERATIVE COIL DIRECT/NON DIRECT VENT SINGLE STAGE</b>													
AUX040C924D	38,000	92.1	812	4	1/5	2-3	BAYLPKT210B	16.25	19.6	16	23.5	14.88	23.75
AUX060C936D	56,000	92.1	1196	4	1/3	2-3	BAYLPKT210B	16.25	19.6	16	23.5	14.88	23.75
AUX080C942D	74,000	92.1	1470	4	1/3	2-3	BAYLPKT210B	16.25	19.6	16	23.5	14.88	23.75
AUX080C960D	76,000	92.1	2121	4	1/2	2-3	BAYLPKT210B	16.25	19.6	16	23.5	14.88	23.75
AUX100C948D	94,000	92.1	1746	4	1/2	2 1/2-3	BAYLPKT210B	19.75	19.6	19	23.5	14.88	23.75
AUX100C960D	93,000	92.1	2165	4	1/2	2 1/2-3	BAYLPKT210B	23.25	19.6	23	23.5	14.88	23.75
AUX120C960D	113,000	92.1	2261	4	1/2	3 Only	BAYLPKT210B	23.25	19.6	23	23.5	14.88	23.75

① Isolated Combustion System.

② CFM @ .5 inches ESP with filter in place.



# Downflow/Horizontal 90% Gas Furnace Quick Reference

## Specifications:

Furnace Model Number	Nom. BTUH Output	ICS <sup>⓪</sup> AFUE	Max.2 Airflow	Blower Speed Taps	Motor H.P.	Flue Size (in.)	Propane Conversion Kit	Downflow Subbase	Outlet Air		Return Air	
									W	D	H	D
<b>DOWNFLOW/HORIZONTAL — FREEDOM 90 VARIABLE SPEED WITH RECUPERATIVE CELL DIRECT VENT TWO-STAGE</b>												
ADY060R9V3W	56,000	92.0	1350	Var.	Var.	2-3	BAYLPKT210B	BAYBASE205	16	19.6	16.25	19.6
ADY080R9V3W	74,000	92.5	1210	Var.	Var.	2-3	BAYLPKT210B	BAYBASE205	16	19.6	16.25	19.6
ADY100R9V4W	94,000	93.0	1800	Var.	Var.	2 1/2-3	BAYLPKT210B	BAYBASE205	19.5	19.6	19.75	19.6
ADY120R9V5W	112,000	92.5	1900	Var.	Var.	3 Only	BAYLPKT210B	BAYBASE205	23	19.6	23.25	19.6
<b>DOWNFLOW/HORIZONTAL— FREEDOM 90 NON-DIRECT VENT, TWO STAGE, ONE OR TWO PIPE, CONDENSING GAS FURNACE</b>												
ADX060R936W	55,000	92.0	1209	4	1/3	2-3	BAYLPKT210B	BAYBASE205	16	19.6	16.25	19.6
ADX080R942W	74,000	92.5	1323	4	1/2	2-3	BAYLPKT210B	BAYBASE205	16	19.6	16.25	19.6
ADX100R948W	93,000	93.0	1614	4	1/2	2 1/2-3	BAYLPKT210B	BAYBASE205	19.5	19.6	19.75	19.6
ADX120R960W	111,000	92.5	1939	4	3/4	3	BAYLPKT210B	BAYBASE205	23	19.6	23.25	19.6
<b>DOWNFLOW/ HORIZONTAL- FREEDOM 90 DIRECT/NON-DIRECT VENT, SINGLE-STAGE, ONE OR TWO PIPE, CONDENSING GAS FURNACE</b>												
ADX1B040A9H31A	38,000	91.0	1043	4	1/2	2, 2 1/2, 3	BAYLPKT210B	BAYBASE205	16	19.6	16.25	19.6
ADX1B060A9H31A	56,000	91.0	1223	4	1/2	2, 2 1/2, 3	BAYLPKT210B	BAYBASE205	16	19.6	16.25	19.6
ADX1B080A9H31A	74,000	91.0	1423	4	3/4	2, 2 1/2, 3	BAYLPKT210B	BAYBASE205	16	19.6	16.25	19.6
ADX1C100A9H41A	94,000	91.0	1700	4	3/4	2 1/2, 3	BAYLPKT210B	BAYBASE205	19.5	19.6	19.75	19.6
ADX1D120A9H51A	112,000	91.0	2006	4	1.0	2 1/2, 3	BAYLPKT210B	BAYBASE205	23	19.6	23.25	19.6
<b>DOWNFLOW/ HORIZONTAL- FREEDOM 90 DIRECT/NON-DIRECT VENT, SINGLE-STAGE, ONE OR TWO PIPE, CONDENSING GAS FURNACE</b>												
ADX1B040A9241A	38,000	91.0	807	4	1/5	2-3	BAYLPKT210B	BAYBASE205	16	19.6	16.25	19.6
ADX1B060A9361A	56,000	91.0	1209	4	1/3	2-3	BAYLPKT210B	BAYBASE205	16	19.6	16.25	19.6
ADX1B080A9421A	74,000	91.0	1323	3	1/2	2-3	BAYLPKT210B	BAYBASE205	16	19.6	16.25	19.6
ADX1C100A9481A	94,000	91.0	1614	3	1/2	2 1/2-3	BAYLPKT210B	BAYBASE205	19.5	19.6	19.75	19.6
ADX1D120A9601A	112,000	91.0	1939	3	1/2	3 Only	BAYLPKT210B	BAYBASE205	23	19.6	23.25	19.6
<b>DOWNFLOW/HORIZONTAL — FREEDOM 90 WITH RECUPERATIVE COIL SINGLE STAGE</b>												
ADC040C924B	38,000	91.0	807	4	1/5	2 1/2-3	BAYLPKT210B	BAYBASE205	16	19.6	16.25	19.6
ADC060C936B	56,000	91.0	1082	4	1/3	2-3	BAYLPKT210B	BAYBASE205	16	19.6	16.25	19.6
ADC080C942B	74,000	91.0	1323	3	1/2	2-3	BAYLPKT210B	BAYBASE205	16	19.6	16.25	19.6
ADC100C948B	93,000	91.0	1614	3	1/2	2-3	BAYLPKT210B	BAYBASE205	19.5	19.6	19.75	19.6
ADC120C960B	112,000	91.0	1939	3	1/2	3 Only	BAYLPKT210B	BAYBASE205	23.0	19.6	23.25	19.6
<b>DOWNFLOW/HORIZONTAL — FREEDOM 90 WITH RECUPERATIVE COIL DIRECT VENT SINGLE STAGE</b>												
ADX040C924D	38,000	91.0	807	4	1/5	2-3	BAYLPKT210B	BAYBASE205	16	19.6	16.25	19.6
ADX060C936D	56,000	91.0	1209	4	1/3	2-3	BAYLPKT210B	BAYBASE205	16	19.6	16.25	19.6
ADX080C942D	74,000	91.0	1323	3	1/2	2-3	BAYLPKT210B	BAYBASE205	16	19.6	16.25	19.6
ADX100C948D	94,000	91.0	1614	3	1/2	2 1/2-3	BAYLPKT210B	BAYBASE205	19.5	19.6	19.75	19.6
ADX120C960D	112,000	91.0	1939	3	1/2	3 Only	BAYLPKT210B	BAYBASE205	23	19.6	23.25	19.6

① Isolated Combustion System.

② CFM @ .5 inches ESP with filter in place.





# Upflow/Horizontal 80% Gas Furnace Quick Reference

## Specifications:

Furnace Model Number <sup>①</sup>	Nom. BTUH Output	ICSO AFUE	Max.② Airflow	Blower Speed Taps	Motor H.P.	Flue Size (in.)	Propane Conversion Kit	Outlet Air		Return Air			
								W	D	Bottom		Side	
										W	D	H	D
<b>UPFLOW/HORIZONTAL — FREEDOM 80 VARIABLE SPEED TWO-STAGE</b>													
AUD060R9V3K	48,000	80.0	1402	Var.	Var.	4	BAYLPKT210B	16.25	19.6	16	23.5	14.88	23.75
AUD080R9V3K	64,000	80.0	1410	Var.	Var.	4	BAYLPKT210B	16.25	19.6	16	23.5	14.88	23.75
AUD080R9V4K	64,000	80.0	1591	Var.	Var.	4	BAYLPKT210B	19.75	19.6	19.5	23.5	14.88	23.75
AUD100R9V3K	80,000	80.0	1251	Var.	Var.	4	BAYLPKT210B	16.25	19.6	16	23.5	14.88	23.75
AUD100R9V5K	79,000	80.0	2100	Var.	Var.	4	BAYLPKT210B	19.75	19.6	19	23.5	14.88	23.75
AUD120R9V5K	97,000	80.0	2019	Var.	Var.	4	BAYLPKT210B	23.25	19.6	23	23.5	14.88	23.75
AUD140R9V5K	112,000	80.0	2075	Var.	Var.	4	BAYLPKT210B	23.25	19.6	23	23.5	14.88	23.75
<b>UPFLOW/HORIZONTAL — FREEDOM 80 INDUCED DRAFT TWO-STAGE</b>													
AUD040R924K	32,000	80.0	910	4	1/5	4	BAYLPKT210B	13.25	19.6	13	23.5	14.88	23.75
AUD060R936K	47,000	80.0	1236	4	1/3	4	BAYLPKT210B	13.25	19.6	13	23.5	14.88	23.75
AUD060R937K	47,000	80.0	1296	4	1/3	4	BAYLPKT210B	16.25	19.6	16	23.5	14.88	23.75
AUD080R936K	63,000	80.0	1296	4	1/3	4	BAYLPKT210B	16.25	19.6	16	23.5	14.88	23.75
AUD080R948K	63,000	80.0	1710	4	1/3	4	BAYLPKT210B	16.25	19.6	16	23.5	14.88	23.75
AUD100R936K	79,000	80.0	1363	4	1/3	4	BAYLPKT210B	16.25	19.6	16	23.5	14.88	23.75
AUD100R948K	79,000	80.0	1669	4	1/2	4	BAYLPKT210B	19.75	19.6	19.5	23.5	14.88	23.75
AUD100R960K	80,000	80.0	1978	4	1/2	4	BAYLPKT210B	19.75	19.6	23	23.5	14.88	23.75
AUD100R961K	80,000	80.0	2175	4	1/2	4	BAYLPKT210B	23.25	19.6	23	23.5	14.88	23.75
AUD120R954K	95,000	80.0	2037	4	1/2	4	BAYLPKT210B	19.75	19.6	19.5	23.5	14.88	23.75
AUD120R960K	95,000	80.0	2005	4	1/2	4	BAYLPKT210B	23.25	19.6	23	23.5	14.88	23.75
AUD140R960K	112,000	80.0	2216	4	3/4	4	BAYLPKT210B	23.25	19.6	23	23.5	14.88	23.75
<b>UPFLOW/HORIZONTAL- FREEDOM 80 DIRECT/NON-DIRECT VENT, SINGLE-STAGE, ONE OR TWO PIPE, CONDENSING GAS FURNACE</b>													
AUD1A040A9H21A	32,000	80.0	1011	4	1/2	4	BAYLPKT210B	13.25	19.6	13	23.5	14.88	23.75
AUD1B060A9H31A	47,000	80.0	1238	4	1/2	4	BAYLPKT210B	16.25	19.6	16	23.5	14.88	23.75
AUD1B080A9H31A	63,000	80.0	1318	4	1/2	4	BAYLPKT210B	16.25	19.6	16	23.5	14.88	23.75
AUD1C080A9H41A	64,000	80.0	1600	4	3/4	4	BAYLPKT210B	19.75	19.6	19.5	23.5	14.88	23.75
AUD1B100A9H31A	79,000	80.0	1280	4	3/4	4	BAYLPKT210B	16.25	19.6	16	23.5	14.88	23.75
AUD1C100A9H51A	79,000	80.0	2038	4	1.0	4	BAYLPKT210B	19.25	19.6	19.5	23.5	14.88	23.75
AUD1D120A9H51A	96,000	80.0	1996	4	1.0	4	BAYLPKT210B	23.25	19.6	23	23.5	14.88	23.75
AUD1D140A9H51A	111,000	80.0	1984	4	1.0	4	BAYLPKT210B	23.25	19.6	23	23.5	14.88	23.75
<b>UPFLOW/HORIZONTAL- FREEDOM 80 DIRECT/NON-DIRECT VENT, SINGLE-STAGE, ONE OR TWO PIPE, CONDENSING GAS FURNACE</b>													
AUD1A040A9241A	32,000	80.0	910	4	1/5	4	BAYLPKT210B	13.25	19.6	13	23.5	14.88	23.75
AUD1A040A9301A	32,000	80.0	1092	4	1/3	4	BAYLPKT210B	13.25	19.6	13	23.5	14.88	23.75
AUD1A060A9241A	47,000	80.0	901	4	1/5	4	BAYLPKT210B	13.25	19.6	13	23.5	14.88	23.75
AUD1A060A9361A	47,000	80.0	1236	4	1/3	4	BAYLPKT210B	13.25	19.6	13	23.5	14.88	23.75
AUD1B060A9361A	47,000	80.0	1296	4	1/3	4	BAYLPKT210B	16.25	19.6	16	23.5	14.88	23.75
AUD1B080A9241A	64,000	80.0	956	4	1/5	4	BAYLPKT210B	16.25	19.6	16	23.5	14.88	23.75
AUD1B080A9361A	63,000	80.0	1296	4	1/3	4	BAYLPKT210B	16.25	19.6	16	23.5	14.88	23.75
AUD1B080A9481A	64,000	80.0	1710	4	1/3	4	BAYLPKT210B	16.25	19.6	16	23.5	14.88	23.75
AUD1C080A9601A	64,000	80.0	2163	4	3/4	4	BAYLPKT210B	16.25	19.6	19.5	23.5	14.88	23.75
AUD1B100A9361A	79,000	80.0	1363	4	1/3	4	BAYLPKT210B	16.25	19.6	16	23.5	14.88	23.75
AUD1B100A9451A	80,000	80.0	1556	4	1/3	4	BAYLPKT210B	16.25	19.6	16	23.5	14.88	23.55
AUD1C100A9481A	79,000	80.0	1669	4	1/2	4	BAYLPKT210B	19.75	19.6	19.5	23.5	14.88	23.75
AUD1C100A9601A	79,000	80.0	2001	4	1/2	4	BAYLPKT210B	19.75	19.6	23	23.5	14.88	23.75
AUD1D100A9721A	80,000	80.0	2249	4	3/4	4	BAYLPKT210B	23.25	19.6	23	23.5	14.88	23.75
AUD1C120A9541A	96,000	80.0	2037	4	1/2	4	BAYLPKT210B	19.75	19.6	19.5	23.5	14.88	23.75
AUD1D120A9601A	96,000	80.0	2005	4	1/2	4	BAYLPKT210B	23.25	19.6	23	23.5	14.88	23.75
AUD1D140A9601A	111,000	80.0	2216	4	3/4	4	BAYLPKT210B	23.25	19.6	23	23.5	14.88	23.75
<b>UPFLOW/HORIZONTAL — FREEDOM 80 INDUCED DRAFT SINGLE STAGE</b>													
AUD040C924K	32,000	80.0	910	4	1/5	4	BAYLPKT210B	13.25	19.6	13	23.5	14.88	23.75
AUD040C930K	32,000	80.0	1092	4	1/3	4	BAYLPKT210B	13.25	19.6	13	23.5	14.88	23.75
AUD060C924K	47,000	80.0	901	4	1/5	4	BAYLPKT210B	13.25	19.6	13	23.5	14.88	23.75
AUD060C936K	47,000	80.0	1236	4	1/3	4	BAYLPKT210B	13.25	19.6	13	23.5	14.88	23.75
AUD060C937K	47,000	80.0	1296	4	1/3	4	BAYLPKT210B	16.25	19.6	16	23.5	14.88	23.75
AUD080C924K	64,000	80.0	956	4	1/5	4	BAYLPKT210B	16.25	19.6	16	23.5	14.88	23.75
AUD080C936K	63,000	80.0	1296	4	1/3	4	BAYLPKT210B	16.25	19.6	16	23.5	14.88	23.75
AUD080C948K	64,000	80.0	1710	4	1/3	4	BAYLPKT210B	16.25	19.6	16	23.5	14.88	23.75
AUD080C960K	64,000	80.0	2163	4	3/4	4	BAYLPKT210B	16.25	19.6	19.5	23.5	14.88	23.75
AUD100C936K	79,000	80.0	1363	4	1/3	4	BAYLPKT210B	16.25	19.6	16	23.5	14.88	23.75
AUD100C945K	80,000	80.0	1556	4	1/3	4	BAYLPKT210B	16.25	19.6	16	23.5	14.88	23.55
AUD100C948K	79,000	80.0	1669	4	1/2	4	BAYLPKT210B	19.75	19.6	19.5	23.5	14.88	23.75
AUD100C960K	79,000	80.0	2001	4	1/2	4	BAYLPKT210B	19.75	19.6	23	23.5	14.88	23.75
AUD100C972K	80,000	80.0	2249	4	3/4	4	BAYLPKT210B	23.25	19.6	23	23.5	14.88	23.75
AUD120C954K	96,000	80.0	2037	4	1/2	4	BAYLPKT210B	19.75	19.6	19.5	23.5	14.88	23.75
AUD120C960K	96,000	80.0	2005	4	1/2	4	BAYLPKT210B	23.25	19.6	23	23.5	14.88	23.75
AUD140C960K	111,000	80.0	2216	4	3/4	4	BAYLPKT210B	23.25	19.6	23	23.5	14.88	23.75

① Isolated Combustion System.

② CFM @ .5 inches ESP with filter in place.





# Downflow/Horizontal 80% Gas Furnace Quick Reference

## Specifications:

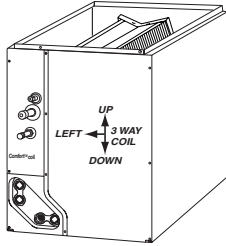
Furnace Model Number	Nom. BTUH Output	ICS <sup>①</sup> AFUE	Max.2 Airflow	Blower Speed Taps	Motor H.P.	Flue Size (in.)	Propane Conversion Kit	Downflow Subbase	Outlet Air		Return Air	
									W	D	H	D
<b>DOWNFLOW/HORIZONTAL — FREEDOM 80 VARIABLE SPEED TWO STAGE</b>												
ADD060R9V3F	48,000	80.0	1360	Var.	Var.	4	BAYLPKT210B	BAYBASE205	16	19.6	16.25	19.6
ADD080R9V3F	63,000	80.0	1315	Var.	Var.	4	BAYLPKT210B	BAYBASE205	16	19.6	16.25	19.6
ADD100R9V5F	81,000	80.0	2015	Var.	Var.	4	BAYLPKT210B	BAYBASE205	19.5	19.6	19.75	19.6
ADD120R9V5F	95,000	80.0	2215	Var.	Var.	4	BAYLPKT210B	BAYBASE205	23	19.6	23.25	19.6
<b>DOWNFLOW/HORIZONTAL — FREEDOM 80 TWO-STAGE INDUCED DRAFT</b>												
ADD040R924F	32,000	80.0	960	4	1/5	4	BAYLPKT210B	BAYBASE205	13	19.6	13.25	19.6
ADD060R936F	47,000	80.0	1282	4	1/3	4	BAYLPKT210B	BAYBASE205	13	19.6	13.25	19.6
ADD060R937F	47,000	80.0	1369	4	1/3	4	BAYLPKT210B	BAYBASE205	16	19.6	16.25	19.6
ADD080R936F	64,000	80.0	1369	4	1/3	4	BAYLPKT210B	BAYBASE205	16	19.6	16.25	19.6
ADD100R945F	79,000	80.0	1546	4	1/3	4	BAYLPKT210B	BAYBASE205	16	19.6	16.25	19.6
ADD100R948F	79,000	80.0	1740	4	1/2	4	BAYLPKT210B	BAYBASE205	19.5	19.6	19.75	19.6
ADD100R960F	81,000	80.0	1929	4	1/2	4	BAYLPKT210B	BAYBASE205	19.5	19.6	19.75	19.6
ADD120R960F	94,000	80.0	2049	4	1/2	4	BAYLPKT210B	BAYBASE205	23	19.6	23.25	19.6
ADD140R960F	113,000	80.0	2133	4	3/4	4	BAYLPKT210B	BAYBASE205	23	19.6	23.25	19.6
<b>DOWNFLOW/ HORIZONTAL- FREEDOM 80 DIRECT/NON-DIRECT VENT, SINGLE-STAGE, ONE OR TWO PIPE, CONDENSING GAS FURNACE</b>												
ADD1B060A9H31A	48,000	80.0	1309	4	1/2	4	BAYLPKT210B	BAYBASE205	16	19.6	16.25	19.6
ADD1B080A9H31A	64,000	80.0	1314	4	1/2	4	BAYLPKT210B	BAYBASE205	16	19.6	16.25	19.6
ADD1C100A9H51A	81,000	80.0	2007	4	1.0	4	BAYLPKT210B	BAYBASE205	19.5	19.6	19.75	19.6
ADD1D120A9H51A	96,000	80.0	2010	4	1.0	4	BAYLPKT210B	BAYBASE205	23	19.6	23.25	19.6
<b>DOWNFLOW/ HORIZONTAL- FREEDOM 80 DIRECT/NON-DIRECT VENT, SINGLE-STAGE, ONE OR TWO PIPE, CONDENSING GAS FURNACE</b>												
ADD1A040A9241A	31,000	78.0	920	4	1/5	4	BAYLPKT210B	BAYBASE205	13	19.6	13.25	19.6
ADD1A060A9241A	48,000	80.0	1001	4	1/5	4	BAYLPKT210B	BAYBASE205	13	19.6	13.25	19.6
ADD1A060A9361A	48,000	80.0	1282	4	1/3	4	BAYLPKT210B	BAYBASE205	13	19.6	13.25	19.6
ADD1B060A9361A	48,000	80.0	1369	4	1/3	4	BAYLPKT210B	BAYBASE205	16	19.6	16.25	19.6
ADD1B080A9361A	64,000	80.0	1369	4	1/3	4	BAYLPKT210B	BAYBASE205	16	19.6	16.25	19.6
ADD1B080A9451A	64,000	80.0	1575	4	1/3	4	BAYLPKT210B	BAYBASE205	16	19.6	16.25	19.6
ADD1B100A9451A	80,000	80.0	1546	4	1/3	4	BAYLPKT210B	BAYBASE205	16	19.6	16.25	19.6
ADD1C100A9481A	80,000	80.0	1740	4	1/2	4	BAYLPKT210B	BAYBASE205	19.5	19.6	19.75	19.6
ADD1C100A9541A	81,000	80.0	1929	4	1/2	4	BAYLPKT210B	BAYBASE205	19.5	19.6	19.75	19.6
ADD1C120A9541A	96,000	80.0	1918	4	1/2	4	BAYLPKT210B	BAYBASE205	19.5	19.6	19.75	19.6
ADD1D120A9601A	96,000	80.0	2049	4	1/2	4	BAYLPKT210B	BAYBASE205	23	19.6	23.25	19.6
ADD1D140A9601A	113,000	80.0	2133	4	3/4	4	BAYLPKT210B	BAYBASE205	23	19.6	23.25	19.6
<b>DOWNFLOW/HORIZONTAL — FREEDOM 80 INDUCED DRAFT SINGLE STAGE</b>												
ADD040C924F	31,000	78.0	920	4	1/5	4	BAYLPKT210B	BAYBASE205	13	19.6	13.25	19.6
ADD060C924F	48,000	80.0	1001	4	1/5	4	BAYLPKT210B	BAYBASE205	13	19.6	13.25	19.6
ADD060C936F	48,000	80.0	1282	4	1/3	4	BAYLPKT210B	BAYBASE205	13	19.6	13.25	19.6
ADD060C937F	48,000	80.0	1369	4	1/3	4	BAYLPKT210B	BAYBASE205	16	19.6	16.25	19.6
ADD080C936F	64,000	80.0	1369	4	1/3	4	BAYLPKT210B	BAYBASE205	16	19.6	16.25	19.6
ADD080C945F	64,000	80.0	1575	4	1/3	4	BAYLPKT210B	BAYBASE205	16	19.6	16.25	19.6
ADD100C945F	80,000	80.0	1546	4	1/3	4	BAYLPKT210B	BAYBASE205	16	19.6	16.25	19.6
ADD100C948F	80,000	80.0	1740	4	1/2	4	BAYLPKT210B	BAYBASE205	19.5	19.6	19.75	19.6
ADD100C954F	81,000	80.0	1929	4	1/2	4	BAYLPKT210B	BAYBASE205	19.5	19.6	19.75	19.6
ADD120C954F	96,000	80.0	1918	4	1/2	4	BAYLPKT210B	BAYBASE205	19.5	19.6	19.75	19.6
ADD120C960F	96,000	80.0	2049	4	1/2	4	BAYLPKT210B	BAYBASE205	23	19.6	23.25	19.6
ADD140C960F	113,000	80.0	2133	4	3/4	4	BAYLPKT210B	BAYBASE205	23	19.6	23.25	19.6

① Isolated Combustion System.

② CFM @ .5 inches ESP with filter in place.

# American Standard

## High Efficiency Split System – Cased Heat Pump and Cooling Coils

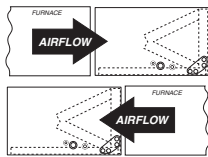


### 2/4TXC Comfort™ Coil Features:

- All Aluminium coil to reduce formicary corrosion
- All Non-Bleed TXV valves with internal check valve for heat pump operation
- Split inner and outer doors for easy coil cleaning
- Double sloped non corrosive drain pans- UL Rated 400°F
- Suction pressure service port
- 100% foil faced insulation
- Easy case attachment to furnace
- 3 way application
- Painted cabinet matches furnace
- 10 Year limited parts warranty on all Aluminium coils

### TXF Features:

- Bi-directional airflow
- Sloped non corrosive drain pan
- HP TXV with mechanical fittings
- Galvanized steel cabinet
- 100% foil lined insulation



### Reversible Features:

- Bi-Directional Airflow
- Same side service access for Horizontal Right or Left applications
- Eliminates need for field installed Horizontal Drip Tray!!!
- Fully Convertible - Upflow, Downflow, Left or Right
- Heat Pump and Cooling Compatible
- Suction service port
- 100% foil lined insulation
- Split inner and outer doors for easy coil cleaning
- Double sloped non-corrosive drain pan - UL rated 400°F
- 5 year limited parts warranty on all coils
- Non-Bleed TXV with mechanical fittings

**Table FUR-19-A — Aluminum High Efficiency Coils (Upflow/Downflow/Horizontal Left) R-22 Refrigerant**

Model Number	Nom. Cap. Cooling (Btuh)	Coil Type	Refrigerant Control	Outlet Dim. (in.) W/H x D	Overall Dim. (in.) H x W x D	Shipping Weight (lbs.)	Line Size	
							OD Gas	OD Liq.
2TXCB025AS3HCA	30,000	A	TXV-NBⓄ	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	17.5 x 17.5 x 21.5	42	5/8	3/8
2TXCB031AS3HCA	30,000	A	TXV-NBⓄ	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	22.5 x 17.5 x 21.5	54	7/8	3/8
2TXCB036AS3HCA	36,000	A	TXV-NBⓄ	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	26.88 x 17.5 x 21.5	67	7/8	3/8
2TXCC037AS3HCA	36,000	A	TXV-NBⓄ	19 <sup>1</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	26.88 x 21 x 21.5	70	7/8	3/8
2TXCC054AS3HCA	54,000	A	TXV-NBⓄ	19 <sup>1</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	30 x 21 x 21.5	73	1 <sup>1</sup> / <sub>8</sub>	3/8
2TXCD065AS3HCA	60,000	A	TXV-NBⓄ	22 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	33* x 24.5 x 21.5	90	1 <sup>1</sup> / <sub>8</sub>	3/8

**Table FUR-19-B — Aluminum High Efficiency Coils (Upflow/Downflow/Horizontal Left) R-410A Refrigerant**

Model Number	Nom. Cap. Cooling (Btuh)	Coil Type	Refrigerant Control	Outlet Dim. (in.) W/H x D	Overall Dim. (in.) H x W x D	Shipping Weight (lbs.)	Line Size	
							OD Gas	OD Liq.
4TXCB025AS3HCA	30,000	A	TXV-NBⓄ	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	17.5 x 17.5 x 21.5	42	5/8	3/8
4TXCB031AS3HCA	30,000	A	TXV-NBⓄ	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	22.5 x 17.5 x 21.5	54	7/8	3/8
4TXCB036AS3HCA	36,000	A	TXV-NBⓄ	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	26.88 x 17.5 x 21.5	67	7/8Ⓞ	3/8
4TXCC037AS3HCA	36,000	A	TXV-NBⓄ	19 <sup>1</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	26.88 x 21 x 21.5	70	7/8	3/8
4TXCC054AS3HCA	54,000	A	TXV-NBⓄ	19 <sup>1</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	30 x 21 x 21.5	73	1 <sup>1</sup> / <sub>8</sub> Ⓞ	3/8
4TXCD065AS3HCA	60,000	A	TXV-NBⓄ	22 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	33* x 24.5 x 21.5	90	1 <sup>1</sup> / <sub>8</sub> Ⓞ	3/8

**Table FUR-19-C — Cased Horizontal Flat Coil R-22 Refrigerant**

Model Number	Nom. Cap. Cooling (Btuh)	Coil Type	Refrigerant Control	Outlet Dim. (in.) W/H x D	Overall Dim. (in.) H x W x D	Shipping Weight (lbs.)	Line Size	
							OD Gas	OD Liq.
2TXFH018AS3HHA	18,000	Flat	TXVNBⓄ	24 x 21	22 x 10 x 28	40	5/8	1/4
2TXFH033AS3HHA	34,000	Flat	TXVNBⓄ	24 x 21	22 x 10 x 28	46	3/4	5/16
2TXFH041AS3HHA	44,000	Flat	TXVNBⓄ	33 <sup>1</sup> / <sub>4</sub> x 21	22 x 10 x 37	56	7/8	3/8
2TXFH054AS3HHA	58,000	Flat	TXVNBⓄ	33 <sup>1</sup> / <sub>4</sub> x 21	22 x 10 x 37	64	1 <sup>1</sup> / <sub>8</sub>	3/8
2TXFH063AS3HHA	61,000	Flat	TXVNBⓄ	33 <sup>1</sup> / <sub>4</sub> x 27	28 x 10 x 37	79	1 <sup>1</sup> / <sub>8</sub>	3/8

**Table FUR-19-D — Cased Horizontal Flat Coil R-410A Refrigerant**

Model Number	Nom. Cap. Cooling (Btuh)	Coil Type	Refrigerant Control	Outlet Dim. (in.) W/H x D	Overall Dim. (in.) H x W x D	Shipping Weight (lbs.)	Line Size	
							OD Gas	OD Liq.
4TXFH018AS3HHA	18,000	Flat	TXVNBⓄ	24 x 21	22 x 10 x 28	40	1/2	1/4
4TXFH033AS3HHA	34,000	Flat	TXVNBⓄ	24 x 21	22 x 10 x 28	46	3/4	5/16
4TXFH041AS3HHA	44,000	Flat	TXVNBⓄ	33 <sup>1</sup> / <sub>4</sub> x 21	22 x 10 x 37	56	3/4	3/8
4TXFH054AS3HHA	58,000	Flat	TXVNBⓄ	33 <sup>1</sup> / <sub>4</sub> x 21	22 x 10 x 37	64	7/8	3/8
4TXFH063AS3HHA	61,000	Flat	TXVNBⓄ	33 <sup>1</sup> / <sub>4</sub> x 27	28 x 10 x 37	79	7/8	3/8

**Table FUR-19-E — Reversible, Cased Heat Pump/Cooling Coils — (Upflow/Downflow Horizontal Left or Right) R-22 Refrigerant**

Model Number	Nom. Cap. Cooling (Btuh)	Maximum Cooling (CFM**)	Coil Type	Refrigerant Control	Outlet Dim. (in.) W/H x D	Overall Dim. (in.) H x W x D	Shipping Weight (lbs.)	Line Size	
								OD Gas	OD Liq.
2TXCA024AC3HMA	24,000	1000	A	TXVNBⓄ	12 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	30 x 14.5 x 21.5	1000	3/4	5/16
2TXCB036AC3HMA	36,000	1200	A	TXVNBⓄ	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	30 x 17.5 x 21.5	1200	7/8	3/8

① Start Kits may be required on outdoor unit.

② 7/8 x 3/4 reducing coupling shipped with R-410A model coil.

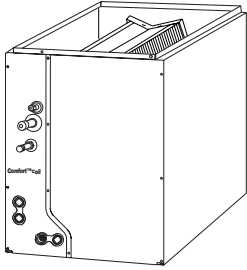
③ 1<sup>1</sup>/<sub>8</sub> x 7/8 reducing coupling shipped with R-410A model coil.

\*Overall height. Actual height of case is 30".

\*\*Water Blowoff may occur if Maximum Cooling airflow is exceeded.

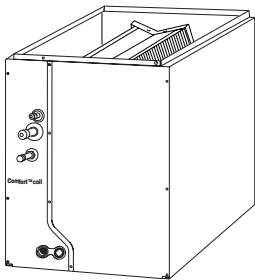
# American Standard

## Split System – Cased Heat Pump and Cooling Coils



### TXC Comfort™ Coil Features:

- HP TXV Mechanical Fittings (2/4 TXC)
- Split inner and outer doors for easy coil cleaning
- Double sloped non corrosive drain pans-UL Rated 400°F
- Suction pressure service port
- 100% foil lined insulation
- Easy case attachment to furnace
- 3 way application
- Painted cabinet matches furnace
- 5 year limited parts warranty
- Copper tube Aluminum fin



### 2/4CXC Coil Features:

- Cased and uncased upflow /downflow cooling only coils
- Brazed fittings (left side)
- Drain fitting (left side)
- Non-Bleed TXV with mechanical fittings.
- Copper tube with Aluminum fins
- Painted coil case
- Suction pressure service port
- 100% foil lined insulation
- Split inner and outer doors for easy coil cleaning
- 5 Year limited parts warranty

**Table FUR-20-A — Cased Coil Convertible (Upflow/ Downflow/ Horizontal Left) R-22 Refrigerant**

Model Number	Nom. Cap. Cooling (Btuh)	Coil Type	Refrigerant Control	Outlet Dim. (in.) W/H x D	Overall Dim. (in.) H x W x D	Shipping Weight (lbs.)	Line Size OD Gas	OD Liq.
2TXCA018AC3HCA	18,000	A	TXVNB①	12 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	17.6 x 14.5 x 21.5	34	5/8	1/4
2TXCA024AC3HCA	24,000	A	TXVNB①	12 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	22.6 x 14.5 x 21.5	37	3/4	5/16
2TXCB025AC3HCA	24,000	A	TXVNB①	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	17.6 x 17.5 x 21.5	42	3/4	5/16
2TXCB031AC3HCA	30,000	A	TXVNB①	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	17.6 x 17.5 x 21.5	46	3/4	5/16
2TXCB036AC3HCA	36,000	A	TXVNB①	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	22.6 x 17.5 x 21.5	54	7/8	3/8
2TXCC037AC3HCA	37,000	A	TXVNB①	19 <sup>1</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	22.6 x 21 x 21.5	53	7/8	3/8
2TXCB042AC3HCA	42,000	A	TXVNB①	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	22.6 x 17.5 x 21.5	59	7/8	3/8
2TXCC043AC3HCA	43,000	A	TXVNB①	19 <sup>1</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	22.6 x 21 x 21.5	56	1 <sup>1</sup> / <sub>8</sub>	3/8
2TXCB048AC3HCA	48,000	A	TXVNB①	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	26.9 x 17.5 x 21.5	71	1 <sup>1</sup> / <sub>8</sub>	3/8
2TXCC049AC3HCA	48,000	A	TXVNB①	19 <sup>1</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	26.9 x 21 x 21.5	67	1 <sup>1</sup> / <sub>8</sub>	3/8
2TXCD050AC3HCA	48,000	A	TXVNB①	22 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	26.9 x 24.5 x 21.5	77	1 <sup>1</sup> / <sub>8</sub>	3/8
2TXCC060AC3HCA	60,000	A	TXVNB①	19 <sup>1</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	30.1 x 21 x 21.5	74	1 <sup>1</sup> / <sub>8</sub>	3/8
2TXCD061AC3HCA	60,000	A	TXVNB①	22 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	30.1 x 24.5 x 21.5	77	1 <sup>1</sup> / <sub>8</sub>	3/8

**Table FUR-20-B — Cased Coil Convertible (Upflow/ Downflow/ Horizontal Left) R-410A Refrigerant**

Model Number	Nom. Cap. Cooling (Btuh)	Coil Type	Refrigerant Control	Outlet Dim. (in.) W/H x D	Overall Dim. (in.) H x W x D	Shipping Weight (lbs.)	Line Size OD Gas	OD Liq.
4TXCA018AC3HCA	18,000	A	TXVNB①	12 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	17.6 x 14.5 x 21.5	34	5/8	1/4
4TXCA024AC3HCA	24,000	A	TXVNB①	12 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	22.6 x 14.5 x 21.5	37	3/4	5/16
4TXCB025AC3HCA	24,000	A	TXVNB①	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	17.6 x 17.5 x 21.5	42	3/4	5/16
4TXCB031AC3HCA	30,000	A	TXVNB①	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	17.6 x 17.5 x 21.5	46	3/4	5/16
4TXCB036AC3HCA	36,000	A	TXVNB①	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	22.6 x 17.5 x 21.5	54	7/8	3/8
4TXCC037AC3HCA	37,000	A	TXVNB①	19 <sup>1</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	22.6 x 21 x 21.5	53	7/8	3/8
4TXCB042AC3HCA	42,000	A	TXVNB①	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	22.6 x 17.5 x 21.5	59	7/8	3/8
4TXCC043AC3HCA	43,000	A	TXVNB①	19 <sup>1</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	22.6 x 21 x 21.5	56	1 <sup>1</sup> / <sub>8</sub>	3/8
4TXCB048AC3HCA	48,000	A	TXVNB①	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	26.9 x 17.5 x 21.5	71	1 <sup>1</sup> / <sub>8</sub>	3/8
4TXCC049AC3HCA	48,000	A	TXVNB①	19 <sup>1</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	26.9 x 21 x 21.5	67	1 <sup>1</sup> / <sub>8</sub>	3/8
4TXCD050AC3HCA	48,000	A	TXVNB①	22 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	26.9 x 24.5 x 21.5	77	1 <sup>1</sup> / <sub>8</sub>	3/8
4TXCC060AC3HCA	60,000	A	TXVNB①	19 <sup>1</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	30.1 x 21 x 21.5	74	1 <sup>1</sup> / <sub>8</sub>	3/8
4TXCD061AC3HCA	60,000	A	TXVNB①	22 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	30.1 x 24.5 x 21.5	77	1 <sup>1</sup> / <sub>8</sub>	3/8

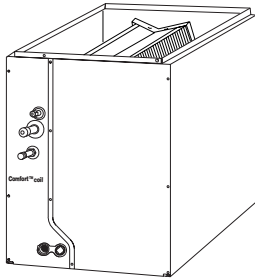
## Split System – Cased Cooling Only Coils

**Table FUR-20-C — Cooling Only Cased (Upflow/ Downflow) R-22 Refrigerant**

Model Number	Nom. Cap. Cooling (Btuh)	Coil Type	Refrigerant Control	Outlet Dim. (in.) W/H x D	Overall Dim. (in.) H x W x D	Shipping Weight (lbs.)	Line Size OD Gas	OD Liq.
2CXCA018AC3CUA	18,000	A	TXVNB①	12 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	17.6 x 14.5 x 21.5	32	5/8	1/4
2CXCA024AC3CUA	24,000	A	TXVNB①	12 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	22.6 x 14.5 x 21.5	34	3/4	5/16
2CXCB025AC3CUA	24,000	A	TXVNB①	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	17.6 x 17.5 x 21.5	42	3/4	5/16
2CXCB031AC3CUA	30,000	A	TXVNB①	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	17.6 x 17.5 x 21.5	44	3/4	5/16
2CXCB036AC3CUA	36,000	A	TXVNB①	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	22.6 x 17.5 x 21.5	44	7/8	3/8
2CXCC037AC3CUA	37,000	A	TXVNB①	19 <sup>1</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	22.6 x 21 x 21.5	53	7/8	3/8
2CXCB042AC3CUA	42,000	A	TXVNB①	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	22.6 x 17.5 x 21.5	52	7/8	3/8
2CXCC043AC3CUA	43,000	A	TXVNB①	19 <sup>1</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	22.6 x 21 x 21.5	56	1 <sup>1</sup> / <sub>8</sub>	3/8
2CXCB048AC3CUA	48,000	A	TXVNB①	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	26.9 x 17.5 x 21.5	58	1 <sup>1</sup> / <sub>8</sub>	3/8
2CXCC049AC3CUA	48,000	A	TXVNB①	19 <sup>1</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	26.9 x 21 x 21.5	67	1 <sup>1</sup> / <sub>8</sub>	3/8
2CXCD050AC3CUA	48,000	A	TXVNB①	22 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	26.9 x 24.5 x 21.5	77	1 <sup>1</sup> / <sub>8</sub>	3/8
2CXCC060AC3CUA	60,000	A	TXVNB①	19 <sup>1</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	30.1 x 21 x 21.5	70	1 <sup>1</sup> / <sub>8</sub>	3/8
2CXCD061AC3CUA	60,000	A	TXVNB①	22 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	30.1 x 24.5 x 21.5	72	1 <sup>1</sup> / <sub>8</sub>	3/8

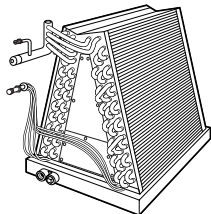
① Start Kits may be required on outdoor unit.

## Split System - Cased/Uncased Cooling Only Coils



### 2/4CXC Coil Features:

- Cased and uncased upflow /downflow cooling only coils
- Brazed fittings (left side)
- Drain fitting (left side)
- Non-Bleed TXV with mechanical fittings.
- Copper tube with Aluminum fins
- Painted coil case
- Suction pressure service port
- 100% foil lined insulation
- Split inner and outer doors for easy coil cleaning
- 5 Year limited parts warranty



### 2/4CXA Coil Features:

- Uncased upflow /downflow cooling only coils
- Brazed fittings (left side)
- Drain fitting (left side)
- Non-Bleed TXV with mechanical fittings.
- Copper tube with Aluminum fins
- Suction pressure service port
- Split inner for easy coil cleaning
- 5 Year limited parts warranty

**Table FUR-21-A — Cooling Only Cased (Upflow/ Downflow) R-410A Refrigerant**

Model Number	Nom. Cap. Cooling (Btuh)	Coil Type	Refrigerant Control	Outlet Dim. (in.) W/H x D	Overall Dim. (in.) H x W x D	Shipping Weight (lbs.)	Line Size OD Gas	OD Liq.
4CXCA018AC3CUA	18,000	A	TXVNB <sup>①</sup>	12 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	17.6 x 14.5 x 21.5	32	5/8	1/4
4CXCA024AC3CUA	24,000	A	TXVNB <sup>①</sup>	12 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	22.6 x 14.5 x 21.5	34	3/4	5/16
4XCXB025AC3CUA	24,000	A	TXVNB <sup>①</sup>	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	17.6 x 17.5 x 21.5	42	3/4	5/16
4XCXB031AC3CUA	30,000	A	TXVNB <sup>①</sup>	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	17.6 x 17.5 x 21.5	44	3/4	5/16
4XCXB036AC3CUA	36,000	A	TXVNB <sup>①</sup>	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	22.6 x 17.5 x 21.5	44	7/8	3/8
4XCXC037AC3CUA	37,000	A	TXVNB <sup>①</sup>	19 <sup>1</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	22.6 x 21 x 21.5	53	7/8	3/8
4XCXB042AC3CUA	42,000	A	TXVNB <sup>①</sup>	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	22.6 x 17.5 x 21.5	52	7/8	3/8
4XCXC043AC3CUA	43,000	A	TXVNB <sup>①</sup>	19 <sup>1</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	22.6 x 21 x 21.5	56	1 <sup>1</sup> / <sub>8</sub>	3/8
4XCXB048AC3CUA	48,000	A	TXVNB <sup>①</sup>	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	26.9 x 17.5 x 21.5	58	1 <sup>1</sup> / <sub>8</sub>	3/8
4CXCC049AC3CUA	48,000	A	TXVNB <sup>①</sup>	19 <sup>1</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	26.9 x 21 x 21.5	67	1 <sup>1</sup> / <sub>8</sub>	3/8
4CXCD050AC3CUA	48,000	A	TXVNB <sup>①</sup>	22 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	26.9 x 24.5 x 21.5	77	1 <sup>1</sup> / <sub>8</sub>	3/8
4CXCC060AC3CUA	60,000	A	TXVNB <sup>①</sup>	19 <sup>1</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	30.1 x 21 x 21.5	70	1 <sup>1</sup> / <sub>8</sub>	3/8
4CXCD061AC3CUA	60,000	A	TXVNB <sup>①</sup>	22 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	30.1 x 24.5 x 21.5	72	1 <sup>1</sup> / <sub>8</sub>	3/8

**Table FUR-21-B — Cooling Only Uncased Coils (Upflow/ Downflow) R-22 Refrigerant**

Model Number	Nom. Cap. Cooling (Btuh)	Coil Type	Refrigerant Control	Overall Dim. (in.) H x W x D	Shipping Weight (lbs.)	Line Size OD Gas	OD Liq.
2CXAA018AC3CUA	18,000	A	TXVNB <sup>①</sup>	15.9 x 13.3 x 21.1	17	5/8	1/4
2CXAA024AC3CUA	24,000	A	TXVNB <sup>①</sup>	17.6 x 13.3 x 21.1	20	3/4	5/16
2CXAB025AC3CUA	24,000	A	TXVNB <sup>①</sup>	15.9 x 16.3 x 21.1	21	3/4	5/16
2CXAB031AC3CUA	30,000	A	TXVNB <sup>①</sup>	15.9 x 16.3 x 21.1	26	3/4	5/16
2CXAB036AC3CUA	36,000	A	TXVNB <sup>①</sup>	21.2 x 16.3 x 21.1	26	7/8	3/8
2CXAB042AC3CUA	42,000	A	TXVNB <sup>①</sup>	21.2 x 16.3 x 21.1	31	7/8	3/8
2CXAB048AC3CUA	48,000	A	TXVNB <sup>①</sup>	25.3 x 16.3 x 21.1	36	7/8	3/8
2CXAC037AC3CUA	36,000	A	TXVNB <sup>①</sup>	20.8 x 19.8 x 21.1	27	1 <sup>1</sup> / <sub>8</sub>	3/8
2CXAC043AC3CUA	42,000	A	TXVNB <sup>①</sup>	20.8 x 19.8 x 21.1	32	1 <sup>1</sup> / <sub>8</sub>	3/8
2CXAC049AC3CUA	48,000	A	TXVNB <sup>①</sup>	24.9 x 19.8 x 21.1	34	1 <sup>1</sup> / <sub>8</sub>	3/8
2CXAC060AC3CUA	60,000	A	TXVNB <sup>①</sup>	29.1 x 19.8 x 21.1	40	1 <sup>1</sup> / <sub>8</sub>	3/8
2CXAD050AC3CUA	48,000	A	TXVNB <sup>①</sup>	25.1 x 23.3 x 21.1	37	1 <sup>1</sup> / <sub>8</sub>	3/8
2CXAD061AC3CUA	60,000	A	TXVNB <sup>①</sup>	28.6 x 23.3 x 21.1	42	1 <sup>1</sup> / <sub>8</sub>	3/8

**Table FUR-21-C — Cooling Only Uncased Coils (Upflow/ Downflow) R-410A Refrigerant**

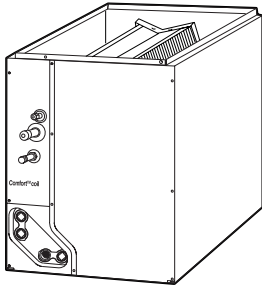
Model Number	Nom. Cap. Cooling (Btuh)	Coil Type	Refrigerant Control	Overall Dim. (in.) H x W x D	Shipping Weight (lbs.)	Line Size OD Gas	OD Liq.
4CXAA018AC3CUA	18,000	A	TXVNB <sup>①</sup>	15.9 x 13.3 x 21.1	17	5/8	1/4
4CXAA024AC3CUA	24,000	A	TXVNB <sup>①</sup>	17.6 x 13.3 x 21.1	20	3/4	5/16
4CXAB025AC3CUA	24,000	A	TXVNB <sup>①</sup>	15.9 x 16.3 x 21.1	21	3/4	5/16
4CXAB031AC3CUA	30,000	A	TXVNB <sup>①</sup>	15.9 x 16.3 x 21.1	26	3/4	5/16
4CXAB036AC3CUA	36,000	A	TXVNB <sup>①</sup>	21.2 x 16.3 x 21.1	26	7/8	3/8
4CXAB042AC3CUA	42,000	A	TXVNB <sup>①</sup>	21.2 x 16.3 x 21.1	31	7/8	3/8
4CXAB048AC3CUA	48,000	A	TXVNB <sup>①</sup>	25.3 x 16.3 x 21.1	36	7/8	3/8
4CXAC037AC3CUA	36,000	A	TXVNB <sup>①</sup>	20.8 x 19.8 x 21.1	27	1 <sup>1</sup> / <sub>8</sub>	3/8
4CXAC043AC3CUA	42,000	A	TXVNB <sup>①</sup>	20.8 x 19.8 x 21.1	32	1 <sup>1</sup> / <sub>8</sub>	3/8
4CXAC049AC3CUA	48,000	A	TXVNB <sup>①</sup>	24.9 x 19.8 x 21.1	34	1 <sup>1</sup> / <sub>8</sub>	3/8
4CXAC060AC3CUA	60,000	A	TXVNB <sup>①</sup>	29.1 x 19.8 x 21.1	40	1 <sup>1</sup> / <sub>8</sub>	3/8
4CXAD050AC3CUA	48,000	A	TXVNB <sup>①</sup>	25.1 x 23.3 x 21.1	37	1 <sup>1</sup> / <sub>8</sub>	3/8
4CXAD061AC3CUA	60,000	A	TXVNB <sup>①</sup>	28.6 x 23.3 x 21.1	42	1 <sup>1</sup> / <sub>8</sub>	3/8

<sup>①</sup> Start Kits may be required on outdoor unit.



# American Standard

## High Efficiency Split System – Cased/Uncased Heat Pump and Cooling Coils



**Table FUR-22-A — Brazed, Cased High Efficiency Heat Pump/Cooling Coils-(Upflow, Downflow or Horizontal Left Only) R-22 Refrigerant**

Model Number	Nom. Cap. Cooling (Btuh)	Coil Type	Refrigerant Control	Outlet Dim. (in.) W/H x D	Overall Dim. (in.) H x W x D	Shipping Weight (lbs.)	Line Size	
							OD Gas	OD Liq.
TXC031S3HPC	30,000	A	TXVNB <sup>①</sup>	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	22.5 x 17.5 x 21.5	54	3/4	5/16
TXC036S3HPD	36,000	A	TXVNB <sup>①</sup>	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	26.9 x 17.5 x 21.5	67	7/8	3/8
TXC037S3HPD	36,000	A	TXVNB <sup>①</sup>	19 <sup>1</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	26.9 x 21 x 21.5	70	7/8	3/8
TXC054S3HPC	54,000	A	TXVNB <sup>①</sup>	19 <sup>1</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	30.0 x 21 x 21.5	73	1 <sup>1</sup> / <sub>8</sub>	3/8
TXC065S3HPC	60,000	A	TXVNB <sup>①</sup>	22 <sup>5</sup> / <sub>8</sub> x 19 <sup>1</sup> / <sub>16</sub>	33.0* x 24.5 x 21.5	90	1 <sup>1</sup> / <sub>8</sub>	3/8

**Table FUR-22-B — Brazed, Cased Dual Circuit Cooling Only Coils-(Upflow, Downflow or Horizontal Left Only)**

Model Number	Nom. Cap. Cooling (Btuh)	Coil Type	Refrigerant Control	Outlet Dim. (in.) W/H x D	Overall Dim. (in.) H x W x D	Shipping Weight (lbs.)	Line Size	
							OD Gas	OD Liq.
TXC039E300C <sup>②</sup>	36,000	A	TXVNB <sup>①</sup>	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>5</sup> / <sub>16</sub>	30 <sup>1</sup> / <sub>16</sub> x 17 <sup>1</sup> / <sub>2</sub> x 21 <sup>1</sup> / <sub>2</sub>	69	3/4	5/16
TXC059E300C <sup>②</sup>	59,000	A	TXVNB <sup>①</sup>	19 <sup>1</sup> / <sub>8</sub> x 19 <sup>5</sup> / <sub>16</sub>	30 <sup>1</sup> / <sub>16</sub> x 21 x 21 <sup>1</sup> / <sub>2</sub>	73	7/8	3/8
TXC062E300C <sup>②</sup>	64,000	A	TXVNB <sup>①</sup>	22 <sup>5</sup> / <sub>8</sub> x 19 <sup>5</sup> / <sub>16</sub>	30 <sup>1</sup> / <sub>16</sub> x 24 <sup>1</sup> / <sub>2</sub> x 21 <sup>1</sup> / <sub>2</sub>	79	7/8	3/8

<sup>①</sup> Start Kits may be required on outdoor unit.

<sup>②</sup> Only used with Variable Speed Gas Furnace to achieve 2-stage heat/cool.

\*Overall height. Actual height of case is 30".

**Table FUR-22-C — Comfort™ Coils Brazed Coils\* (Upflow/Downflow/Horizontal Left Only) R-410A Refrigerant**

Model Number	Nom. Cap. Cooling (Btuh)	Coil Type	Refrigerant Control	Cased	Outlet Dim. (in.) W/H x D	Uncrated Dim. (in.) H x W x D	Shipping Weight (lbs.)	Line Size	
								OD Gas	OD Liq.
RXC025S3HPD	24,000	A	TXVNB <sup>①</sup>	Full	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>5</sup> / <sub>16</sub>	17 <sup>5</sup> / <sub>8</sub> x 17 <sup>1</sup> / <sub>2</sub> x 21 <sup>1</sup> / <sub>2</sub>	42	5/8	5/16
RXC031S3HPC	30,000	A	TXVNB <sup>①</sup>	Full	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>5</sup> / <sub>16</sub>	22 <sup>5</sup> / <sub>8</sub> x 17 <sup>1</sup> / <sub>2</sub> x 21 <sup>1</sup> / <sub>2</sub>	54	3/4	5/16
RXC036S3HPD	36,000	A	TXVNB <sup>①</sup>	Full	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>5</sup> / <sub>16</sub>	26 <sup>7</sup> / <sub>8</sub> x 17 <sup>1</sup> / <sub>2</sub> x 21 <sup>1</sup> / <sub>2</sub>	67	3/4	3/8
RXC037S3HPD	36,000	A	TXVNB <sup>①</sup>	Full	19 <sup>1</sup> / <sub>8</sub> x 19 <sup>5</sup> / <sub>16</sub>	26 <sup>7</sup> / <sub>8</sub> x 21 x 21 <sup>1</sup> / <sub>2</sub>	70	3/4	3/8
RXC054S3HPC	54,000	A	TXVNB <sup>①</sup>	Full	19 <sup>1</sup> / <sub>8</sub> x 19 <sup>5</sup> / <sub>16</sub>	30 <sup>1</sup> / <sub>16</sub> x 21 x 21 <sup>1</sup> / <sub>2</sub>	73	7/8	3/8
RXC061S3HPC	60,000	A	TXVNB <sup>①</sup>	Full	22 <sup>1</sup> / <sub>16</sub> x 19 <sup>5</sup> / <sub>16</sub>	30 <sup>1</sup> / <sub>16</sub> x 24 <sup>1</sup> / <sub>2</sub> x 21 <sup>1</sup> / <sub>2</sub>	77	7/8	3/8
RXC065S3HPC	60,000	A	TXVNB <sup>①</sup>	Partial	22 <sup>5</sup> / <sub>8</sub> x 19 <sup>5</sup> / <sub>16</sub>	③33 <sup>3</sup> / <sub>8</sub> x 24 <sup>1</sup> / <sub>2</sub> x 21 <sup>1</sup> / <sub>2</sub>	94	7/8	3/8

**Table FUR-22-D — Brazed Uncased Coils\* (Upflow/Downflow) R-410A Refrigerant**

Model Number	Nom. Cap. Cooling (Btuh)	Coil Type	Refrigerant Control	Cased	Outlet Dim. (in.) H x W x D	Uncrated Dim. (in.) H x W x D	Shipping Weight (lbs.)	Line Size	
								OD Gas	OD Liq.
RXA060S3HPC	60,000	A	TXVNB <sup>①</sup>	None	28 x 19 <sup>9</sup> / <sub>16</sub> x 19 <sup>9</sup> / <sub>16</sub>		46	3/4	3/8
RXA061S3HPC	60,000	A	TXVNB <sup>①</sup>	None	27 <sup>7</sup> / <sub>16</sub> x 23 <sup>1</sup> / <sub>16</sub> x 19 <sup>9</sup> / <sub>16</sub>		47	3/4	3/8

<sup>①</sup> Start Kits may be required on outdoor unit.

<sup>②</sup> Overall height. Actual height of case is 30". Downflow application of RXC065 requires field fabrication of case extension shown in the Installer's Guide.

Note: RXC, RXA and RXH series coils include a reducing coupling to accept the smaller interconnecting suction line tubing recommended with R-410A systems

**Table FUR-22-E — Brazed, Cased Dual Circuit Cooling Only Coil<sup>②③</sup>**

Model Number	Nom. Cap. Cooling (Btuh)	Coil Type	Refrigerant Control	Outlet Dim. (in.) W/H x D	Overall Dim. (in.) H x W x D	Shipping Weight (lbs.)	Line Size	
							OD Gas	OD Liq.
TXE120B500D	120,000	Flat	TXV-B	18 <sup>3</sup> / <sub>4</sub> x 57 <sup>3</sup> / <sub>4</sub>	26 x 64 x 25	235	1 <sup>1</sup> / <sub>8</sub>	3/8

<sup>①</sup> Start Kits may be required on outdoor unit.

<sup>②</sup> Coils are 3/8" cu/al plate fin.

<sup>③</sup> Two circuit cooling coil.

### TXC Comfort™ Coil Features:

- Split inner and outer doors for easy coil cleaning
- Double sloped non corrosive drain pans-UL Rated 400°F
- Suction pressure service port
- 100% foil lined insulation
- Easy case attachment to furnace
- 3 way application
- Painted cabinet matches furnace
- 5 Year limited parts warranty on all coils
- Copper tube and Aluminum fin

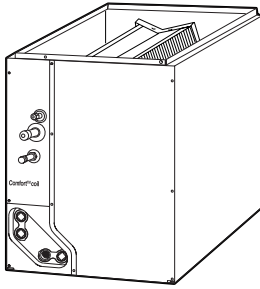
### RXC Comfort™ Coil Features

- Refrigerant R-410A only
- Split inner and outer doors for easy coil cleaning
- Double sloped non-corrosive drain pans (UL Rated 400°F)
- Suction pressure service port
- 100% foil lined insulation
- Easy case attachment to furnace
- Painted cabinet matches furnace
- 3 way application
- 5-year limited parts warranty

### RXA Comfort™ Coil Features

- Double sloped non-corrosive drain pan (UL Rated 400°F)
- Suction pressure service port
- Easy access service panels
- 5-year limited parts warranty

## Split System – Cased Heat Pump and Cooling Coils

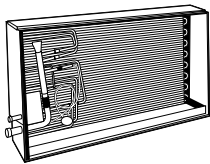


### 1 – 5 Ton Cased Coils

- Split inner and outer doors for easy coil cleaning
- Double sloped non corrosive drain pans- UL Rated 400° F
- Suction pressure service port
- 100% foil lined insulation
- External FCCV location
- Easy case attachment to furnace
- 3 way application
- Painted cabinet matches furnace
- 5 year limited parts warranty on all coils
- FCCV equipped coils compatible with R-22 or R-410A refrigerant
- Upflow, downflow or horizontal left only (TXC-E/TXC-S)

### RXH Comfort™ Coil Features

- Sloped non-corrosive drain pan (UL Rated 400°F)
- Bi-directional airflow
- Galvanized case - unpainted
- Suction pressure port
- 5-year limited parts warranty



**Table FUR-23-A — Brazed, Cased Heat Pump/Cooling Coils-(Upflow, Downflow or Horizontal Left Only\*)**

Model Number	Nom. Cap. Cooling (Btuh)	Coil Type	Refrigerant Control	Outlet Dim. (in.) W/H x D	Overall Dim. (in.) H x W x D	Shipping Weight (lbs.)	Line Size	
							OD Gas	OD Liq.
TXC018C4HPC	18,000	A	.049	12 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	17 <sup>5</sup> / <sub>8</sub> x 14 <sup>1</sup> / <sub>2</sub> x 21 <sup>1</sup> / <sub>2</sub>	32	5/8	1/4
TXC024C4HPC	24,000	A	.049	12 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	17 <sup>5</sup> / <sub>8</sub> x 14 <sup>1</sup> / <sub>2</sub> x 21 <sup>1</sup> / <sub>2</sub>	34	3/4	5/16
TXC025C4HPC	24,000	A	.057	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	17 <sup>5</sup> / <sub>8</sub> x 17 <sup>1</sup> / <sub>2</sub> x 21 <sup>1</sup> / <sub>2</sub>	39	3/4	5/16
TXC030C4HPC	30,000	A	.067	12 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	22 <sup>5</sup> / <sub>8</sub> x 14 <sup>1</sup> / <sub>2</sub> x 21 <sup>1</sup> / <sub>2</sub>	37	3/4	5/16
TXC031C4HPC	31,000	A	.067	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	17 <sup>5</sup> / <sub>8</sub> x 17 <sup>1</sup> / <sub>2</sub> x 21 <sup>1</sup> / <sub>2</sub>	43	3/4	5/16
TXC035C4HPC	35,000	A	.071	12 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	22 <sup>5</sup> / <sub>8</sub> x 14 <sup>1</sup> / <sub>2</sub> x 21 <sup>1</sup> / <sub>2</sub>	37	7/8	3/8
TXC036C4HPC	36,000	A	.071	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	22 <sup>5</sup> / <sub>8</sub> x 17 <sup>1</sup> / <sub>2</sub> x 21 <sup>1</sup> / <sub>2</sub>	51	7/8	3/8
TXC037C4HPC	37,000	A	.071	19 <sup>1</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	22 <sup>5</sup> / <sub>8</sub> x 21 x 21 <sup>1</sup> / <sub>2</sub>	54	7/8	3/8
TXC042C4HPC	42,000	A	.080	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	22 <sup>5</sup> / <sub>8</sub> x 17 <sup>1</sup> / <sub>2</sub> x 21 <sup>1</sup> / <sub>2</sub>	56	7/8	3/8
TXC043C4HPC	43,000	A	.080	19 <sup>1</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	22 <sup>5</sup> / <sub>8</sub> x 21 x 21 <sup>1</sup> / <sub>2</sub>	57	1 <sup>1</sup> / <sub>8</sub>	3/8
TXC048C4HPD	48,000	A	.083	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	26 <sup>7</sup> / <sub>8</sub> x 17 <sup>1</sup> / <sub>2</sub> x 21 <sup>1</sup> / <sub>2</sub>	68	1 <sup>1</sup> / <sub>8</sub>	3/8
TXC049C4HPD	48,000	A	.083	19 <sup>1</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	26 <sup>7</sup> / <sub>8</sub> x 21 x 21 <sup>1</sup> / <sub>2</sub>	69	1 <sup>1</sup> / <sub>8</sub>	3/8
TXC050C4HPD	48,000	A	.083	22 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	26 <sup>7</sup> / <sub>8</sub> x 24 <sup>1</sup> / <sub>2</sub> x 21 <sup>1</sup> / <sub>2</sub>	69	1 <sup>1</sup> / <sub>8</sub>	3/8
TXC060C5HPC	60,000	A	TXV-B	19 <sup>1</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	30 <sup>1</sup> / <sub>16</sub> x 21 x 21 <sup>1</sup> / <sub>2</sub>	69	1 <sup>1</sup> / <sub>8</sub>	3/8
TXC061C5HPC	61,000	A	TXV-B	22 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	30 <sup>1</sup> / <sub>16</sub> x 24 <sup>1</sup> / <sub>2</sub> x 21 <sup>1</sup> / <sub>2</sub>	71	1 <sup>1</sup> / <sub>8</sub>	3/8

**Table FUR-23-B — Brazed, Cased High Efficiency Heat Pump/Cooling Coils-(Upflow, Downflow or Horizontal Left Only\*)**

Model Number	Nom. Cap. Cooling (Btuh)	Coil Type	Refrigerant Control	Outlet Dim. (in.) W/H x D	Overall Dim. (in.) H x W x D	Shipping Weight (lbs.)	Line Size	
							OD Gas	OD Liq.
TXC031E5HPC	30,000	A	TXV-B	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	22 <sup>5</sup> / <sub>8</sub> x 17 <sup>1</sup> / <sub>2</sub> x 21 <sup>1</sup> / <sub>2</sub>	54	3/4	5/16
TXC036E5HPD	36,000	A	TXV-B	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	26 <sup>7</sup> / <sub>8</sub> x 17 <sup>1</sup> / <sub>2</sub> x 21 <sup>1</sup> / <sub>2</sub>	67	7/8	3/8
TXC037E5HPD	37,000	A	TXV-B	19 <sup>1</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	26 <sup>7</sup> / <sub>8</sub> x 21 x 21 <sup>1</sup> / <sub>2</sub>	70	7/8	3/8
TXC054E5HPC	54,000	A	TXV-B	19 <sup>1</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	30 <sup>1</sup> / <sub>16</sub> x 21 x 21 <sup>1</sup> / <sub>2</sub>	73	1 <sup>1</sup> / <sub>8</sub>	3/8

**Table FUR-23-C — Brazed, Cased Heat Pump/Cooling Coils-(Upflow, Downflow or Horizontal Left or Right)**

Model Number	Nom. Cap. Cooling (Btuh)	Coil Type	Refrigerant Control	Outlet Dim. (in.) W/H x D	Overall Dim. (in.) H x W x D	Shipping Weight (lbs.)	Line Size	
							OD Gas	OD Liq.
TXC024D4HPC	24,000	A	.057	12 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	30 <sup>1</sup> / <sub>16</sub> x 14 <sup>1</sup> / <sub>2</sub> x 21 <sup>1</sup> / <sub>2</sub>	42	3/4	5/16
TXC025D4HPC	24,000	A	.057	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	30 <sup>1</sup> / <sub>16</sub> x 17 <sup>1</sup> / <sub>2</sub> x 21 <sup>1</sup> / <sub>2</sub>	48	3/4	5/16
TXC030D4HPC	30,000	A	.067	12 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	30 <sup>1</sup> / <sub>16</sub> x 14 <sup>1</sup> / <sub>2</sub> x 21 <sup>1</sup> / <sub>2</sub>	46	3/4	5/16
TXC031D4HPC	30,000	A	.067	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	30 <sup>1</sup> / <sub>16</sub> x 17 <sup>1</sup> / <sub>2</sub> x 21 <sup>1</sup> / <sub>2</sub>	52	3/4	5/16
TXC035D4HPC	35,000	A	.071	12 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	30 <sup>1</sup> / <sub>16</sub> x 14 <sup>1</sup> / <sub>2</sub> x 21 <sup>1</sup> / <sub>2</sub>	46	7/8	3/8
TXC036D4HPC	36,000	A	.071	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	30 <sup>1</sup> / <sub>16</sub> x 17 <sup>1</sup> / <sub>2</sub> x 21 <sup>1</sup> / <sub>2</sub>	60	7/8	3/8

\* TXC series coils include a reducing coupling to accept the smaller interconnecting suction line tubing recommended with R-410A systems.

**Table FUR-23-D — Horizontal Only Cased Coil\* R-410A Refrigerant**

Model Number	Nom. Cap. Cooling (Btuh)	Coil Type	Refrigerant Control	Cased	Uncrated Dim. (in.) H x W x D	Shipping Weight (lbs.)	Line Size	
							OD Gas	OD Liq.
RXH063S3HPB	63,500	Flat	TXVNB	Ⓢ	28 <sup>3</sup> / <sub>4</sub> x 10 <sup>1</sup> / <sub>4</sub> x 37 <sup>1</sup> / <sub>2</sub>	79	3/4	3/8

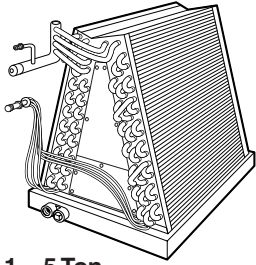
**Table FUR-23-E — Cased Horizontal Only**

Model Number	Nom. Cap. Cooling (Btuh)	Coil Type	Refrigerant Control	Duct Con. Dim. (in.) H x W	Uncrated Dim. (in.) H x W x D	Shipping Weight (lbs.)	Line Size	
							OD Gas	OD Liq.
TXH025A4HPA	27,000	Flat	.057	21 x 24	22 x 10 x 28	40	3/4	5/16
TXH033A4HPA	34,000	Flat	.057	21 x 24	22 x 10 x 28	46	3/4	3/8
TXH041A4HPA	44,000	Flat	.067	21 x 33 <sup>1</sup> / <sub>4</sub>	22 x 10 x 37	56	7/8	3/8
TXH054A4HPA	58,000	Flat	.083	21 x 33 <sup>1</sup> / <sub>4</sub>	22 x 10 x 37	64	7/8	3/8
TXH063P3HPB	61,000	Flat	TXVNB	Ⓢ	27 x 33 <sup>1</sup> / <sub>4</sub>	79	7/8	3/8

Ⓢ Start Kits may be required on outdoor unit.

\* RXH series coils include a reducing coupling to accept the smaller interconnecting suction line tubing recommended with R-410A systems.

## Split System – Cased/Uncased Heat Pump and Cooling Coils



### 1 – 5 Ton

#### Uncased Coils

- 5-year limited parts warranty
- FCCV equipped coils compatible with R-22 or R-410A refrigerant

### 1½ – 5 Ton

#### Cased & Uncased

- Cased and uncased upflow cooling only coils
- Brazed fittings (left side)
- Drain fitting (left side)
- Fixed orifice flow control (except CCBD60A5ACD, CUBD60A5ACD-TXV-B)
- Shipped vertical upflow only
- Painted coil case
- Suction pressure service port
- 100% foil lined insulation
- Split inner and outer doors for easy coil cleaning
- 5 year limited parts warranty

**Table FUR-24-A — Brazed, Uncased Heat Pump/Cooling Coils (Upflow/Downflow)**

Model Number	Nom. Cap. Cooling (Btuh)	Coil Type	Refrigerant Control	Cased	Uncrated Dim. (in.) H x W x D	Shipping Weight (lbs.)	Line Size	
							OD Gas	OD Liq.
TXA018C4HPC	18,000	A	.049	No	15 <sup>5</sup> / <sub>16</sub> x 13 <sup>1</sup> / <sub>16</sub> x 19 <sup>9</sup> / <sub>16</sub>	15	5/8	1/4
TXA024C4HPC	24,000	A	.049	No	16 <sup>5</sup> / <sub>8</sub> x 13 <sup>1</sup> / <sub>16</sub> x 19 <sup>9</sup> / <sub>16</sub>	18	3/4	5/16
TXA025C4HPC	24,000	A	.057	No	15 <sup>1</sup> / <sub>8</sub> x 16 <sup>1</sup> / <sub>16</sub> x 19 <sup>9</sup> / <sub>16</sub>	20	3/4	5/16
TXA030C4HPC	30,000	A	.067	No	19 <sup>3</sup> / <sub>4</sub> x 13 <sup>1</sup> / <sub>16</sub> x 19 <sup>9</sup> / <sub>16</sub>	23	3/4	5/16
TXA031C4HPC	30,000	A	.067	No	16 x 16 <sup>1</sup> / <sub>16</sub> x 19 <sup>9</sup> / <sub>16</sub>	24	3/4	5/16
TXA035C4HPC	35,000	A	.071	No	19 <sup>3</sup> / <sub>4</sub> x 13 <sup>1</sup> / <sub>16</sub> x 19 <sup>9</sup> / <sub>16</sub>	23	7/8	5/16
TXA036C4HPC	36,000	A	.071	No	19 <sup>1</sup> / <sub>8</sub> x 16 <sup>1</sup> / <sub>16</sub> x 19 <sup>9</sup> / <sub>16</sub>	29	7/8	3/8
TXA037C4HPC	36,000	A	.071	No	18 <sup>9</sup> / <sub>16</sub> x 19 <sup>9</sup> / <sub>16</sub> x 19 <sup>9</sup> / <sub>16</sub>	29	7/8	3/8
TXA042C4HPC	42,000	A	.080	No	21 <sup>1</sup> / <sub>4</sub> x 16 <sup>1</sup> / <sub>16</sub> x 19 <sup>9</sup> / <sub>16</sub>	34	7/8	3/8
TXA043C4HPC	42,000	A	.080	No	20 <sup>11</sup> / <sub>16</sub> x 19 <sup>9</sup> / <sub>16</sub> x 19 <sup>9</sup> / <sub>16</sub>	32	7/8	3/8
TXA048C4HPC	48,000	A	.083	No	25 <sup>5</sup> / <sub>16</sub> x 16 <sup>1</sup> / <sub>16</sub> x 19 <sup>9</sup> / <sub>16</sub>	39	1 <sup>1</sup> / <sub>8</sub>	3/8
TXA049C4HPC	48,000	A	.083	No	24 <sup>7</sup> / <sub>8</sub> x 19 <sup>9</sup> / <sub>16</sub> x 19 <sup>9</sup> / <sub>16</sub>	37	1 <sup>1</sup> / <sub>8</sub>	3/8
TXA050C4HPC	48,000	A	.083	No	24 <sup>3</sup> / <sub>8</sub> x 23 <sup>1</sup> / <sub>16</sub> x 19 <sup>9</sup> / <sub>16</sub>	38	1 <sup>1</sup> / <sub>8</sub>	3/8
TXA060C5HPC	60,000	A	TXV - B	No	28 x 19 <sup>9</sup> / <sub>16</sub> x 19 <sup>9</sup> / <sub>16</sub>	43	1 <sup>1</sup> / <sub>8</sub>	3/8
TXA061C5HPC	60,000	A	TXV - B	No	27 <sup>7</sup> / <sub>16</sub> x 23 <sup>1</sup> / <sub>16</sub> x 19 <sup>9</sup> / <sub>16</sub>	44	1 <sup>1</sup> / <sub>8</sub>	3/8

**Table FUR-24-B — Brazed Cased (Upflow Only)**

Model Number	Nom. Cap. Cooling (Btuh)	Coil Type	Refrigerant Control	Outlet Dim. (in.) H x W	Uncrated Dim. (in.) H x W x D	Shipping Weight (lbs.)	Line Size	
							OD Gas	OD Liq.
CCBA18A4ACD	18,000	A	FIXED	12 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	17 <sup>5</sup> / <sub>8</sub> x 14 <sup>1</sup> / <sub>2</sub> x 21 <sup>1</sup> / <sub>2</sub>	30	5/8	5/16
CCBA24A4ACD	24,000	A	FIXED	12 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	17 <sup>5</sup> / <sub>8</sub> x 14 <sup>1</sup> / <sub>2</sub> x 21 <sup>1</sup> / <sub>2</sub>	32	3/4	5/16
CCBA30A4ACD	30,000	A	FIXED	12 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	17 <sup>5</sup> / <sub>8</sub> x 14 <sup>1</sup> / <sub>2</sub> x 21 <sup>1</sup> / <sub>2</sub>	32	3/4	5/16
CCBA36A4ACD	36,000	A	FIXED	12 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	22 <sup>5</sup> / <sub>8</sub> x 14 <sup>1</sup> / <sub>2</sub> x 21 <sup>1</sup> / <sub>2</sub>	35	3/4	5/16
CCBB30A4ACD	30,000	A	FIXED	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	17 <sup>5</sup> / <sub>8</sub> x 17 <sup>1</sup> / <sub>2</sub> x 21 <sup>1</sup> / <sub>2</sub>	41	3/4	5/16
CCBB36A4ACD	36,000	A	FIXED	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	17 <sup>5</sup> / <sub>8</sub> x 17 <sup>1</sup> / <sub>2</sub> x 21 <sup>1</sup> / <sub>2</sub>	41	3/4	5/16
CCBB42A4ACD	42,000	A	FIXED	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	22 <sup>5</sup> / <sub>8</sub> x 17 <sup>1</sup> / <sub>2</sub> x 21 <sup>1</sup> / <sub>2</sub>	49	3/4	3/8
CCBB48A4ACD	48,000	A	FIXED	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	22 <sup>5</sup> / <sub>8</sub> x 17 <sup>1</sup> / <sub>2</sub> x 21 <sup>1</sup> / <sub>2</sub>	54	3/4	3/8
CCBC48A4ACD	48,000	A	FIXED	19 <sup>1</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	22 <sup>5</sup> / <sub>8</sub> x 21 x 21 <sup>1</sup> / <sub>2</sub>	55	3/4	3/8
CCBC60A4ACE	60,000	A	FIXED	19 <sup>1</sup> / <sub>8</sub> x 19 <sup>3</sup> / <sub>8</sub>	26 <sup>7</sup> / <sub>8</sub> x 21 x 21 <sup>1</sup> / <sub>2</sub>	67	7/8	3/8
CCBD60A5ACD	60,000	A	TXV-B	22 <sup>5</sup> / <sub>8</sub> x 19 <sup>5</sup> / <sub>16</sub>	30 <sup>1</sup> / <sub>16</sub> x 24 <sup>1</sup> / <sub>2</sub> x 21 <sup>1</sup> / <sub>2</sub>	69	7/8	3/8

**Table FUR-24-C — Brazed Uncased (Upflow Only)**

Model Number	Nom. Cap. Cooling (Btuh)	Coil Type	Refrigerant Control	Cased	Uncrated Dim. (in.) H x W x D	Shipping Weight (lbs.)	Line Size	
							Gas	Liq.
CUBA18A4ACD	18,000	A	FIXED	No	11 <sup>1</sup> / <sub>2</sub> x 13 <sup>1</sup> / <sub>16</sub> x 19 <sup>9</sup> / <sub>16</sub>	15	5/8	5/16
CUBA24A4ACD	24,000	A	FIXED	No	14 <sup>5</sup> / <sub>8</sub> x 13 <sup>1</sup> / <sub>16</sub> x 19 <sup>9</sup> / <sub>16</sub>	18	3/4	5/16
CUBA30A4ACD	30,000	A	FIXED	No	14 <sup>5</sup> / <sub>8</sub> x 13 <sup>1</sup> / <sub>16</sub> x 19 <sup>9</sup> / <sub>16</sub>	18	3/4	5/16
CUBA36A4ACD	36,000	A	FIXED	No	19 <sup>3</sup> / <sub>4</sub> x 13 <sup>1</sup> / <sub>16</sub> x 19 <sup>9</sup> / <sub>16</sub>	18	3/4	5/16
CUBB24A4ACD	24,000	A	FIXED	No	15 <sup>3</sup> / <sub>16</sub> x 16 <sup>1</sup> / <sub>16</sub> x 19 <sup>9</sup> / <sub>16</sub>	23	3/4	5/16
CUBB30A4ACD	30,000	A	FIXED	No	16 x 16 <sup>1</sup> / <sub>16</sub> x 19 <sup>9</sup> / <sub>16</sub>	24	3/4	5/16
CUBB36A4ACD	36,000	A	FIXED	No	16 x 16 <sup>1</sup> / <sub>16</sub> x 19 <sup>9</sup> / <sub>16</sub>	24	3/4	5/16
CUBB42A4ACD	42,000	A	FIXED	No	19 <sup>1</sup> / <sub>8</sub> x 16 <sup>1</sup> / <sub>16</sub> x 19 <sup>9</sup> / <sub>16</sub>	24	3/4	3/8
CUBB48A4ACD	48,000	A	FIXED	No	21 <sup>1</sup> / <sub>4</sub> x 16 <sup>1</sup> / <sub>16</sub> x 19 <sup>9</sup> / <sub>16</sub>	29	3/4	3/8
CUBC36A4ACD	36,000	A	FIXED	No	16 <sup>5</sup> / <sub>16</sub> x 19 <sup>9</sup> / <sub>16</sub> x 19 <sup>9</sup> / <sub>16</sub>	27	3/4	5/16
CUBC42A4ACD	42,000	A	FIXED	No	18 <sup>9</sup> / <sub>16</sub> x 19 <sup>9</sup> / <sub>16</sub> x 19 <sup>9</sup> / <sub>16</sub>	34	3/4	3/8
CUBC48A4ACD	48,000	A	FIXED	No	20 <sup>11</sup> / <sub>16</sub> x 19 <sup>9</sup> / <sub>16</sub> x 19 <sup>9</sup> / <sub>16</sub>	32	3/4	3/8
CUBC60A4ACD	60,000	A	FIXED	No	24 <sup>7</sup> / <sub>8</sub> x 19 <sup>9</sup> / <sub>16</sub> x 19 <sup>9</sup> / <sub>16</sub>	31	7/8	3/8
CUBD48A4ACD	48,000	A	FIXED	No	20 <sup>5</sup> / <sub>8</sub> x 23 <sup>1</sup> / <sub>16</sub> x 19 <sup>9</sup> / <sub>16</sub>	37	3/4	3/8
CUBD60A5ACD	60,000	A	TXV-B	No	27 <sup>7</sup> / <sub>16</sub> x 23 <sup>1</sup> / <sub>16</sub> x 19 <sup>9</sup> / <sub>16</sub>	44	3/4	3/8



# Split System – Uncased Coil Enclosures

**Table FUR-25-A — Coil Enclosures**

Model Number	Coils Cooling or Heat Pump	Used With Furnaces Flush on Both Sides	Outlet Dimensions (in) W/H x D	Dimensions (in.) H x W x D	Shipping Weight (lbs.)
BAYCLE1400C	TXA018C4 TXA024C4 TXA030C4	14 <sup>1</sup> / <sub>2</sub> " Wide Furnaces	12 <sup>5</sup> / <sub>8</sub> x 19 <sup>5</sup> / <sub>16</sub>	22 <sup>1</sup> / <sub>2</sub> x 14 <sup>1</sup> / <sub>2</sub> x 21 <sup>1</sup> / <sub>2</sub>	12
BAYCLE1700C	TXA025C4 TXA031C4 TXA035C4 TXA036C4 TXA042C4 TXA048C4	17 <sup>1</sup> / <sub>2</sub> " Wide Furnaces	15 <sup>5</sup> / <sub>8</sub> x 19 <sup>5</sup> / <sub>16</sub>	22 <sup>1</sup> / <sub>2</sub> x 17 <sup>1</sup> / <sub>2</sub> x 21 <sup>1</sup> / <sub>2</sub>	14
BAYCLE2100C	TXA037C4 TXA043C4 TXA049C4 TXA060C5 RXA060S3	21" Wide Furnaces	19 <sup>1</sup> / <sub>8</sub> x 19 <sup>5</sup> / <sub>16</sub>	30 x 21 x 21 <sup>1</sup> / <sub>2</sub>	18
BAYCLE2400C	TXA061C5 RXA061S3	24 <sup>1</sup> / <sub>2</sub> " Wide Furnaces	22 <sup>5</sup> / <sub>8</sub> x 19 <sup>5</sup> / <sub>16</sub>	30 x 24 <sup>1</sup> / <sub>2</sub> x 21 <sup>1</sup> / <sub>2</sub>	22

**Table FUR-25-B — 13 SEER Coil Enclosures**

Model Number	Coils Cooling or Heat Pump	Used With Furnaces Flush on Both Sides	Dimensions (in.) H x W x D	Shipping Weight (lbs.)
BAYCLE14A1422A	2/4CXAA018AC3CUA TXA018C4 2/4CXAA024AC3CUA TXA024C4 TXA030C4	14 <sup>1</sup> / <sub>2</sub> " Wide Furnace	22 <sup>1</sup> / <sub>2</sub> x 14 <sup>1</sup> / <sub>2</sub> x 21 <sup>1</sup> / <sub>2</sub>	12
BAYCLE17A1722A	2/4CXAB025AC3CUA TXA025C4 2/4CXAB031AC3CUA TXA031C4 2/4CXAB036AC3CUA TXA035C4 2/4CXAB042AC3CUA TXA036C4 2/4CXAB048AC3CUA TXA042C4 TXA048C4	17 <sup>1</sup> / <sub>2</sub> " Wide Furnace	22 <sup>5</sup> / <sub>8</sub> x 17 <sup>1</sup> / <sub>2</sub> x 21 <sup>1</sup> / <sub>2</sub>	14
BAYCLE21A2130A	2/4CXAC037AC3CUA TXA037C4 2/4CXAC043AC3CUA TXA043C4 2/4CXAC049AC3CUA TXA049C4 2/4CXAC060AC3CUA TXA060C5 RXA060S3	21" Wide Furnace	30 x 21 x 21 <sup>1</sup> / <sub>2</sub>	18
BAYCLE24A2430A	2/4CXAD050AC3CUA TXA061C5 2/4CXAD061AC3CUA RXA061S3	24 <sup>1</sup> / <sub>2</sub> " Wide Furnace	30 x 24 <sup>1</sup> / <sub>2</sub> x 21 <sup>1</sup> / <sub>2</sub>	22

**Table FUR-25-C — Comfort™ Coil Door Kits**

Model Number	Case Height	Used With
BAYCCKT1750A	17.5	TXC018,024,025,031-C-A,B
BAYCCKT2250A	22.5	TXC030,035,036,037,042,043-C-A,B TXC031-E/S-A,B
BAYCCKT3000A	30.0	TXC048,049,050,060,061-C-A,B TXC036,037,054,065-E/S-A,B





# Furnace/Coils Matrix

## Freedom 90

Furnace Model	Cabinet Width	Matching Cased Coils		Matching Uncased Coils		Furnace Model	Cabinet Width	Matching Cased Coils		Matching Uncased Coils	
AUX060R936W AUX080R942W	17.5" 17.5"	2CXC025A 2CXC031A 2CXC036A 2CXC042A 2CXC048A 2TXCB025A 2TXCB031A 2TXCB036A 2TXCB042A 2TXCB048A 4CXC025A 4CXC031A 4CXC036A 4CXC042A 4CXC048A 4TXCB025A 4TXCB031A 4TXCB036A 4TXCB042A 4TXCB048A	TXC025C TXC031C TXC036C TXC042C TXC048C TXC025D TXC031D TXC036D TXC031E TXC036E TXC031S TXC036S RXC025S RXC031S RXC036S	2CXAB025A 2CXAB031A 2CXAB036A 2CXAB042A 2CXAB048A	TXA025C TXA031C TXA036C TXA042C TXA048C	ADX060R936W ADX080R942W	17.5" 17.5"	2CXC025A 2CXC031A 2CXC036A 2CXC042A 2CXC048A 2TXCB025A 2TXCB031A 2TXCB036A 2TXCB042A 2TXCB048A 4CXC025A 4CXC031A 4CXC036A 4CXC042A 4CXC048A 4TXCB025A 4TXCB031A 4TXCB036A 4TXCB042A 4TXCB048A	TXC025C TXC031C TXC036C TXC042C TXC048C TXC025D TXC031D TXC036D TXC031E TXC036E TXC031S TXC036S RXC025S RXC031S RXC036S	2CXAB025A 2CXAB031A 2CXAB036A 2CXAB042A 2CXAB048A	TXA025C TXA031C TXA036C TXA042C TXA048C
AUX100R948W	21"	2CXC037A 2CXC043A 2CXC049A 2CXC060A 2TXCC037A 2TXCC043A 2TXCC049A 2TXCC054A 2TXCC060A 4CXC037A 4CXC043A 4CXC049A 4CXC060A 4TXCC037A 4TXCC043A 4TXCC049A 4TXCC054A 4TXCC060A	TXC037C TXC043C TXC049C TXC060C TXC037E TXC054E TXC037S TXC054S RXC037S RXC054S	2CXAC037A 2CXAC043A 2CXAC049A 2CXAC060A	TXA037C TXA043C TXA049C TXA060C	ADX100R948W	21"	2CXC037A 2CXC043A 2CXC049A 2CXC060A 2TXCC037A 2TXCC043A 2TXCC049A 2TXCC054A 2TXCC060A 4CXC037A 4CXC043A 4CXC049A 4CXC060A 4TXCC037A 4TXCC043A 4TXCC049A 4TXCC054A 4TXCC060A	TXC037C TXC043C TXC049C TXC060C TXC037E TXC054E TXC037S TXC054S RXC037S RXC054S	2CXAC037A 2CXAC043A 2CXAC049A 2CXAC060A	TXA037C TXA043C TXA049C TXA060C
AUX120R960W	24.5"	2CXCD050A 2CXCD061A 2TXCD050A 2TXCD061A 2TXCD065A 4CXCD050A 4CXCD061A 4TXCD050A 4TXCD061A 4TXCD065A	TXC050C TXC061C TXC065S <sup>①</sup> RXC061S RXC065S <sup>①</sup> CCBD60A	2CXAD050A 2CXAD061A	TXA060C TXA061C	ADX120R960W	24.5"	2CXCD050A 2CXCD061A 2TXCD050A 2TXCD061A 2TXCD065A 4CXCD050A 4CXCD061A 4TXCD050A 4TXCD061A 4TXCD065A	TXC050C TXC061C TXC065S <sup>①</sup> RXC061S RXC065S <sup>①</sup>	2CXAD050A 2CXAD061A	TXA060C TXA061C
AUY060R9V3W AUY080R9V3W	17.5" 17.5"		TXC031E TXC036E TXC031S TXC036S RXC025S RXC031S RXC036S			ADY060R9V3W ADY080R9V3W	17.5" 17.5"		TXC031E TXC036E TXC031S TXC036S RXC025S RXC031S RXC036S		
AUY100R9V4W	21"		TXC037E TXC054E TXC037S TXC054S RXC037S RXC054S			ADY100R9V4W	21"		TXC037E TXC054E TXC037S TXC054S RXC037S RXC054S		
AUY120R9V5W	24.5"		TXC065S <sup>①</sup> RXC061S RXC065S <sup>①</sup>			ADY120R9V5W	24.5"		TXC065S <sup>①</sup> RXC061S RXC065S <sup>①</sup>		

**NOTE:** For reference only on Flush Fit Applications

① Coil apex extends above case, actual height of case is 30" (Downflow application of coil is not recommended).



# Furnace/Coils Matrix

## Freedom 90

Furnace Model	Cabinet Width	Matching Cased Coils	Matching Uncased Coils	Furnace Model	Cabinet Width	Matching Cased Coils	Matching Uncased Coils
AUX1B040A9H21A	17.5"	2CXCB025A	2CXAB025A	ADX1B040A9H31A	17.5"	2CXCB025A	2CXAB025A
AUX1B060A9H31A	17.5"	2CXCB031A	2CXAB031A	ADX1B060A9H31A	17.5"	2CXCB031A	2CXAB031A
AUX1B080A9H31A	17.5"	2CXCB036A	2CXAB036A	ADX1B080A9H31A	17.5"	2CXCB036A	2CXAB036A
		2CXCB042A	2CXAB042A			2CXCB042A	2CXAB042A
		2CXCB048A	2CXAB048A			2CXCB048A	2CXAB048A
		2TXCB025A				2TXCB025A	
		2TXCB031A				2TXCB031A	
		2TXCB036A				2TXCB036A	
		2TXCB042A				2TXCB042A	
		2TXCB048A				2TXCB048A	
		4CXCB025A				4CXCB025A	
		4CXCB031A				4CXCB031A	
		4CXCB036A				4CXCB036A	
		4CXCB042A				4CXCB042A	
		4CXCB048A				4CXCB048A	
		4TXCB025A				4TXCB025A	
		4TXCB031A				4TXCB031A	
		4TXCB036A				4TXCB036A	
		4TXCB042A				4TXCB042A	
		4TXCB048A				4TXCB048A	
AUX1C100A9H41A	21"	2CXCC037A	2CXAC037A	ADX1C100A9H41A	21"	2CXCC037A	2CXAC037A
		2CXCC043A	2CXAC043A			2CXCC043A	2CXAC043A
		2CXCC049A	2CXAC049A			2CXCC049A	2CXAC049A
		2CXCC060A	2CXAC060A			2CXCC060A	2CXAC060A
		2TXCC037A				2TXCC037A	
		2TXCC043A				2TXCC043A	
		2TXCC049A				2TXCC049A	
		2TXCC054A				2TXCC054A	
		2TXCC060A				2TXCC060A	
		4CXCC037A				4CXCC037A	
		4CXCC043A				4CXCC043A	
		4CXCC049A				4CXCC049A	
		4CXCC060A				4CXCC060A	
		4TXCC037A				4TXCC037A	
		4TXCC043A				4TXCC043A	
		4TXCC049A				4TXCC049A	
		4TXCC054A				4TXCC054A	
		4TXCC060A				4TXCC060A	
AUX1D120A9H51A	24.5"	2CXCD050A	2CXAD050A	ADX1D120A9H51A	24.5"	2CXCD050A	2CXAD050A
		2CXCD061A	2CXAD061A			2CXCD061A	2CXAD061A
		2TXCD050A				2TXCD050A	
		2TXCD061A				2TXCD061A	
		2TXCD065A				2TXCD065A	
		4CXCD050A				4CXCD050A	
		4CXCD061A				4CXCD061A	
		4TXCD050A				4TXCD050A	
		4TXCD061A				4TXCD061A	
		4TXCD065A				4TXCD065A	

**NOTE:** For reference only on Flush Fit Applications



# Furnace/Coils Matrix

## Freedom 90

Furnace Model	Cabinet Width	Matching Cased Coils		Matching Uncased Coils		Furnace Model	Cabinet Width	Matching Cased Coils		Matching Uncased Coils	
AUX040C924D	17.5"	2CXC025A	TXC025C	2CXAB025A	TXA025C	ADX040C924D	17.5"	2CXC025A	TXC025C	2CXAB025A	TXA025C
AUX060C936D	17.5"	2CXC031A	TXC031C	2CXAB031A	TXA031C	ADX060C936D	17.5"	2CXC031A	TXC031C	2CXAB031A	TXA031C
AUX080C942D	17.5"	2CXC036A	TXC036C	2CXAB036A	TXA036C	ADX080C942D	17.5"	2CXC036A	TXC036C	2CXAB036A	TXA036C
AUX1B040A9241A	17.5"	2CXC042A	TXC042C	2CXAB042A	TXA042C	ADX1B040A9241A	17.5"	2CXC042A	TXC042C	2CXAB042A	TXA042C
AUX1B060A9361A	17.5"	2CXC048A	TXC048C	2CXAB048A	TXA048C	ADX1B060A9361A	17.5"	2CXC048A	TXC048C	2CXAB048A	TXA048C
AUX1B080A9421A	17.5"	2TXCB025A	TXC025D			ADX1B080A9421A	17.5"	2TXCB025A	TXC025D		
		2TXCB031A	TXC031D					2TXCB031A	TXC031D		
		2TXCB036A	TXC036D					2TXCB036A	TXC036D		
		2TXCB042A	TXC031E					2TXCB042A	TXC031E		
		2TXCB048A	TXC036E					2TXCB048A	TXC036E		
		4CXC025A	TXC031S					4CXC025A	TXC031S		
		4CXC031A	TXC036S					4CXC031A	TXC036S		
		4CXC036A	RXC025S					4CXC036A	RXC025S		
		4CXC042A	RXC031S					4CXC042A	RXC031S		
		4CXC048A	RXC036S					4CXC048A	RXC036S		
		4TXCB025A			CUBB24A			4TXCB025A			CUBB24A
		4TXCB031A	CCBB30A		CUBB30A			4TXCB031A	CCBB30A		CUBB30A
		4TXCB036A	CCBB36A		CUBB36A			4TXCB036A	CCBB36A		CUBB36A
		4TXCB042A	CCBA42A		CUBB42A			4TXCB042A	CCBA42A		CUBB42A
		4TXCB048A	CCBA48A		CUBB48A			4TXCB048A	CCBA48A		CUBB48A
AUX080C960D	21"	2CXCC037A	TXC037C	2CXAC037A	TXA037C	ADX100C948D	21"	2CXCC037A	TXC037C	2CXAC037A	TXA037C
AUX100C948D	21"	2CXCC043A	TXC043C	2CXAC043A	TXA043C	ADX1C100A9481A	21"	2CXCC043A	TXC043C	2CXAC043A	TXA043C
AUX1C080A9601A	21"	2CXCC049A	TXC049C	2CXAC049A	TXA049C			2CXCC049A	TXC049C	2CXAC049A	TXA049C
AUX1C100A9481A	21"	2CXCC060A	TXC060C	2CXAC060A	TXA060C			2CXCC060A	TXC060C	2CXAC060A	TXA060C
		2TXCC037A	TXC037E					2TXCC037A	TXC037E		
		2TXCC043A	TXC054E					2TXCC043A	TXC054E		
		2TXCC049A	TXC037S					2TXCC049A	TXC037S		
		2TXCC054A	TXC054S					2TXCC054A	TXC054S		
		2TXCC060A	RXC037S					2TXCC060A	RXC037S		
		2TXCC037A	RXC054S					2TXCC037A	RXC054S		
		4CXCC043A			CUBC36A			4CXCC043A			CUBC36A
		4CXCC049A			CUBC42 A			4CXCC049A			CUBC42 A
		4CXCC060A	CCBC48A		CUBC48A			4CXCC060A	CCBC48A		CUBC48A
		4TXCC037A	CCBC60A		CUBC60A			4TXCC037A	CCBC60A		CUBC60A
		4TXCC043A						4TXCC043A			
		4TXCC049A						4TXCC049A			
		4TXCC054A						4TXCC054A			
		4TXCC060A						4TXCC060A			
AUX100C960D	24.5"	2CXCD050A	TXC050C	2CXAD050A	TXA060C	ADX120C960D	24.5"	2CXCD050A	TXC050C	2CXAD050A	TXA060C
AUX120C960D	24.5"	2CXCD061A	TXC061C	2CXAD061A	TXA061C	ADX1D120A9601A	24.5"	2CXCD061A	TXC061C	2CXAD061A	TXA061C
AUX1D100A9601A		2TXCD050A	TXC065S①					2TXCD050A	TXC065S①		
AUX1D120A9601A		2TXCD061A	RXC061S					2TXCD061A	RXC061S		
		2TXCD065A	RXC065S①					2TXCD065A	RXC065S①		
		4CXCD050A			CUBD48A			4CXCD050A			CUBD48A
		4CXCD061A	CCBD60A		CUBD60A			4CXCD061A	CCBD60A		CUBD60A
		4TXCD050A						4TXCD050A			
		4TXCD061A						4TXCD061A			
		4TXCD065A						4TXCD065A			

**NOTE:** For reference only on Flush Fit Applications

① Coil apex extends above case, actual height of case is 30" (Downflow application of coil is not recommended).



# Furnace/Coils Matrix

## Freedom 90

Furnace Model	Cabinet Width	Matching Cased Coils		Matching Uncased Coils		Furnace Model	Cabinet Width	Matching Cased Coils		Matching Uncased Coils
AUC040C924B	17.5"	2CXCB025A	TXC025C	2CXAB025A	TXA025C	ADC040C924B	17.5"	2CXCB025A	TXC025C	TXA025C
AUC060C936B	17.5"	2CXCB031A	TXC031C	2CXAB031A	TXA031C	ADC060C936B	17.5"	2CXCB031A	TXC031C	TXA031C
AUC080C942B	17.5"	2CXCB036A	TXC036C	2CXAB036A	TXA036C	ADC080C942B	17.5"	2CXCB036A	TXC036C	TXA036C
		2CXCB042A	TXC042C	2CXAB042A	TXA042C			2CXCB042A	TXC042C	TXA042C
		2CXCB048A	TXC048C	2CXAB048A	TXA048C			2CXCB048A	TXC048C	TXA048C
		2TXCB025A	TXC025D					2TXCB025A	TXC025D	
		2TXCB031A	TXC031D					2TXCB031A	TXC031D	
		2TXCB036A	TXC036D					2TXCB036A	TXC036D	
		2TXCB042A	TXC031E					2TXCB042A	TXC031E	
		2TXCB048A	TXC036E					2TXCB048A	TXC036E	
		4CXCB025A	TXC031S					4CXCB025A	TXC031S	
		4CXCB031A	TXC036S					4CXCB031A	TXC036S	
		4CXCB036A	RXC025S					4CXCB036A	RXC025S	
		4CXCB042A	RXC031S					4CXCB042A	RXC031S	
		4CXCB048A	RXC036S					4CXCB048A	RXC036S	
		4TXCB025A			CUBB24A			4TXCB025A		
		4TXCB031A	CCBB30A		CUBB30A			4TXCB031A		
		4TXCB036A	CCBB36A		CUBB36A			4TXCB036A		
		4TXCB042A	CCBA42A		CUBB42A			4TXCB042A		
		4TXCB048A	CCBA48A		CUBB48A			4TXCB048A		
AUC100C948B	21"	2CXCC037A	TXC037C	2CXAC037A	TXA037C	ADC100C948B	21"	2CXCC037A	TXC037C	TXA037C
		2CXCC043A	TXC043C	2CXAC043A	TXA043C			2CXCC043A	TXC043C	TXA043C
		2CXCC049A	TXC049C	2CXAC049A	TXA049C			2CXCC049A	TXC049C	TXA049C
		2CXCC060A	TXC060C	2CXAC060A	TXA060C			2CXCC060A	TXC060C	TXA060C
		2TXCC037A	TXC037E					2TXCC037A	TXC037E	
		2TXCC043A	TXC054E					2TXCC043A	TXC054E	
		2TXCC049A	TXC037S					2TXCC049A	TXC037S	
		2TXCC054A	TXC054S					2TXCC054A	TXC054S	
		2TXCC060A	RXC037S					2TXCC060A	RXC037S	
		4CXCC037A	RXC054S					4CXCC037A	RXC054S	
		4CXCC043A			CUBC36A			4CXCC043A		
		4CXCC049A			CUBC42 A			4CXCC049A		
		4CXCC060A	CCBC48A		CUBC48A			4CXCC060A		
		4TXCC037A	CCBC60A		CUBC60A			4TXCC037A		
		4TXCC043A						4TXCC043A		
		4TXCC049A						4TXCC049A		
		4TXCC054A						4TXCC054A		
		4TXCC060A						4TXCC060A		
AUC100C960B	24.5"	2CXCD050A	TXC050C	2CXAD050A	TXA060C	ADC120C960B	24.5"	2CXCD050A	TXC050C	TXA060C
AUC120C960B	24.5"	2CXCD061A	TXC061C	2CXAD061A	TXA061C			2CXCD061A	TXC061C	TXA061C
		2TXCD050A	TXC065S <sup>①</sup>					2TXCD050A	TXC065S <sup>①</sup>	
		2TXCD061A	RXC061S					2TXCD061A	RXC061S	
		2TXCD065A	RXC065S <sup>①</sup>					2TXCD065A	RXC065S <sup>①</sup>	
		4CXCD050A			CUBD48A			4CXCD050A		
		4CXCD061A	CCBD60A		CUBD60A			4CXCD061A		
		4TXCD050A						4TXCD050A		
		4TXCD061A						4TXCD061A		
		4TXCD065A						4TXCD065A		

**NOTE:** For reference only on Flush Fit Applications

① Coil apex extends above case, actual height of case is 30" (Downflow application of coil is not recommended).



# Furnace/Coils Matrix

## Freedom 80

Furnace Model	Cabinet Width	Matching Cased Coils	Matching Uncased Coils	Furnace Model	Cabinet Width	Matching Cased Coils	Matching Uncased Coils
AUD060R9V3K AUD080R9V3K AUD100R9V3K	17.5" 17.5"	TXC031E TXC036E TXC031S TXC036S RXC025S RXC031S RXC036S		ADD060R9V3F ADD080R9V3F	17.5" 17.5"	TXC031E TXC036E TXC031S TXC036S RXC025S RXC031S RXC036S	
AUD080R9V4K AUD100R9V5K	21" 21"	TXC054E TXC037E TXC037S TXC054S RXC037S RXC054S		ADD100R9V5F	21"	TXC037E TXC054E TXC037S TXC054S RXC037S RXC054S	
AUD120R9V5K AUD140R9V5K	24.5" 24.5"	TXC065S <sup>①</sup> RXC061S RXC065S <sup>①</sup>		ADD120R9V5F	24.5"	TXC065S <sup>①</sup> RXC061S RXC065S <sup>①</sup>	

**NOTE:** For reference only on Flush Fit Applications

① Coil apex extends above case, actual height of case is 30" (Downflow application of coil is not recommended).



# Furnace/Coils Matrix

## Freedom 80

Furnace Model	Cabinet Width	Matching Cased Coils		Matching Uncased Coils		Furnace Model	Cabinet Width	Matching Cased Coils		Matching Uncased Coils	
AUD040R924K	14.5"	2CXCA018A	TXC018C	2CXAA018A	TXA018C	ADD040R924F	14.5"	2CXCA018A	TXC018C	2CXAA018A	TXA018C
AUD060R936K	14.5"	2CXCA024A	TXC024C	2CXAA024A	TXA024C	ADD060R936F	14.5"	2CXCA024A	TXC024C	2CXAA024A	TXA024C
		2TXCA018A	TXC030C		TXA030C			2TXCA018A	TXC030C		TXA030C
		2TXCA024A	TXC035C		TXA035C			2TXCA024A	TXC035C		TXA035C
		4CXCA018A	TXC024D					4CXCA018A	TXC024D		
		4CXCA024A	TXC030D					4CXCA024A	TXC030D		
		4TXCA018A	TXC035D					4TXCA018A	TXC035D		
		4TXCA024A	CCBA18A		CUBA18A			4TXCA024A			
			CCBA24A		CUBA24A						
			CCBA30A		CUBA30A						
			CCBA36A		CUBA36A						
AUD060R937K	17.5"	2XCB025A	TXC025C	2CXAB025A		ADD060R937F	17.5"	2XCB025A	TXC025C	2CXAB025A	TXA025C
AUD080R936K	17.5"	2XCB031A	TXC031C	2CXAB031A		ADD080R936F	17.5"	2XCB031A	TXC031C	2CXAB031A	TXA031C
AUD080R948K	17.5"	2XCB036A	TXC036C	2CXAB036A		ADD100R945F	17.5"	2XCB036A	TXC036C	2CXAB036A	TXA036C
AUD100R936K	17.5"	2XCB042A	TXC042C	2CXAB042A	TXA025C			2XCB042A	TXC042C	2CXAB042A	TXA042C
		2XCB048A	TXC048C	2CXAB048A	TXA031C			2XCB048A	TXC048C	2CXAB048A	TXA048C
		2TXCB025A	TXC025D		TXA036C			2TXCB025A	TXC025D		
		2TXCB031A	TXC031D		TXA042C			2TXCB031A	TXC031D		
		2TXCB036A	TXC036D		TXA048C			2TXCB036A	TXC036D		
		2TXCB042A	TXC031E					2TXCB042A	TXC031E		
		2TXCB048A	TXC036E					2TXCB048A	TXC036E		
		4XCB025A	TXC031S					4XCB025A	TXC031S		
		4XCB031A	TXC036S					4XCB031A	TXC036S		
		4XCB036A	RXC025S					4XCB036A	RXC025S		
		4XCB042A	RXC031S					4XCB042A	RXC031S		
		4XCB048A	RXC036S					4XCB048A	RXC036S		
		4TXCB025A			CUBB24A			4TXCB025A			
		4TXCB031A	CCBB30A		CUBB30A			4TXCB031A			
		4TXCB036A	CCBB36A		CUBB36A			4TXCB036A			
		4TXCB042A	CCBA42A		CUBB42A			4TXCB042A			
		4TXCB048A	CCBA48A		CUBB48A			4TXCB048A			
AUD100R948K	21"	2XCC037A	TXC037C	2CXAC037A	TXA037C	ADD100R948F	21"	2XCC037A	TXC037C	2CXAC037A	TXA037C
AUD100R960K	21"	2XCC043A	TXC043C	2CXAC043A	TXA043C	ADD100R960F	21"	2XCC043A	TXC043C	2CXAC043A	TXA043C
		2XCC049A	TXC049C	2CXAC049A	TXA049C			2XCC049A	TXC049C	2CXAC049A	TXA049C
		2XCC060A	TXC060C	2CXAC060A	TXA050C			2XCC060A	TXC060C	2CXAC060A	TXA050C
		2TXCC037A	TXC037E					2TXCC037A	TXC037E		
		2TXCC043A	TXC054E					2TXCC043A	TXC054E		
		2TXCC049A	TXC037S					2TXCC049A	TXC037S		
		2TXCC054A	TXC054S					2TXCC054A	TXC054S		
		2TXCC060A	RXC037S					2TXCC060A	RXC037S		
		4CXCC037A	RXC054S					4CXCC037A	RXC054S		
		4CXCC043A	CUBC36A					4CXCC043A			
		4CXCC049A			CUBC42A			4CXCC049A			
		4CXCC060A	CCBC48A		CUBC48A			4CXCC060A			
		4TXCC037A	CCBC60A		CUBC60A			4TXCC037A			
		4TXCC043A						4TXCC043A			
		4TXCC049A						4TXCC049A			
		4TXCC054A						4TXCC054A			
		4TXCC060A						4TXCC060A			
AUD120R960K	24.5"	2XCXD050A	TXC050C	2CXAD050A	TXA060C	ADD120R960F	24.5"	2XCXD050A	TXC050C	2CXAD050A	TXA060C
AUD140R960K	24.5"	2XCXD061A	TXC061C	2CXAD061A	TXA061C	ADD140R960F	24.5"	2XCXD061A	TXC061C	2CXAD061A	TXA061C
		2TXCD050A	TXC065S <sup>①</sup>					2TXCD050A	TXC065S <sup>①</sup>		
		2TXCD061A	RXC061S					2TXCD061A	RXC061S		
		2TXCD065A	RXC065S <sup>①</sup>					2TXCD065A	RXC065S <sup>①</sup>		
		4XCXD050A			CUBD48A			4XCXD050A			
		4XCXD061A	CCBD60A		CUBD60A			4XCXD061A			
		4TXCD050A						4TXCD050A			
		4TXCD061A						4TXCD061A			
		4TXCD065A						4TXCD065A			

**NOTE:** For reference only on Flush Fit Applications

① Coil apex extends above case, actual height of case is 30" (Downflow application of coil is not recommended).



# Furnace/Coils Matrix

## Freedom 80

Furnace Model	Cabinet Width	Matching Cased Coils	Height Inches	Matching Uncased Coils	Height Inches	Furnace Model	Cabinet Width	Matching Cased Coils	Height Inches	Matching Uncased Coils	Height Inches
AUD1A040A9H21A	14.5"	2CXCA018A 2CXCA024A 2TXCA018A 2TXCA024A 2TXCA024A 4CXCA018A 4CXCA024A 4TXCA018A 4TXCA024A		2CXAA018A 2CXAA024A							
AUD1B060A9H31A	17.5"	2XCB025A		2CXAB025A		ADD1B060A9H31A	17.5"	2XCB025A		2CXAB025A	
AUD1B080A9H31A	17.5"	2XCB031A		2CXAB031A		ADD1B080A9H31A	17.5"	2XCB031A		2CXAB031A	
AUD1B100A9H31A	17.5"	2XCB036A 2XCB042A 2XCB048A 2TXCB025A 2TXCB031A 2TXCB036A 2TXCB042A 2TXCB048A 4XCB025A 4XCB031A 4XCB036A 4XCB042A 4XCB048A 4TXCB025A 4TXCB031A 4TXCB036A 4TXCB042A 4TXCB048A		2CXAB036A 2CXAB042A 2CXAB048A				2XCB036A 2XCB042A 2XCB048A 2TXCB025A 2TXCB031A 2TXCB036A 2TXCB042A 2TXCB048A 4XCB025A 4XCB031A 4XCB036A 4XCB042A 4XCB048A 4TXCB025A 4TXCB031A 4TXCB036A 4TXCB042A 4TXCB048A		2CXAB036A 2CXAB042A 2CXAB048A	
AUD1C080A9H41A	21"	2XCXC037A		2CXAC037A		ADD1C100A	21"	2XCXC037A		2CXAC037A	
AUD1C100A9H51A	21"	2XCXC043A 2XCXC049A 2XCXC060A 2TXCC037A 2TXCC043A 2TXCC049A 2TXCC054A 2TXCC060A 4XCXC037A 4XCXC043A 4XCXC049A 4XCXC060A 4TXCC037A 4TXCC043A 4TXCC049A 4TXCC054A 4TXCC060A		2CXAC043A 2CXAC049A 2CXAC060A				2XCXC043A 2XCXC049A 2XCXC060A 2TXCC037A 2TXCC043A 2TXCC049A 2TXCC054A 2TXCC060A 4XCXC037A 4XCXC043A 4XCXC049A 4XCXC060A 4TXCC037A 4TXCC043A 4TXCC049A 4TXCC054A 4TXCC060A		2CXAC043A 2CXAC049A 2CXAC060A	
AUD1D120A9H51A	24.5"	2CXCD050A		2CXAD050A		ADD1D120A	24.5"	2CXCD050A		2CXAD050A	
AUD1D140A9H51A	24.5"	2CXCD061A 2TXCD050A 2TXCD061A 2TXCD065A 4CXCD050A 4CXCD061A 4TXCD050A 4TXCD061A 4TXCD065A		2CXAD061A				2CXCD061A 2TXCD050A 2TXCD061A 2TXCD065A 4CXCD050A 4CXCD061A 4TXCD050A 4TXCD061A 4TXCD065A		2CXAD061A	

**NOTE:** For reference only on Flush Fit Applications



# Furnace/Coils Matrix

## Freedom 80

Furnace Model	Cabinet Width	Matching Cased Coils		Matching Uncased Coils		Furnace Model	Cabinet Width	Matching Cased Coils		Matching Uncased Coils	
AUD040C924K	14.5"	2CXCA018A	TXC018C	2CXAA018A	TXA018C	ADD040C924F	14.5"	2CXCA018A	TXC018C	2CXAA018A	TXA018C
AUD040C930K	14.5"	2CXCA024A	TXC024C	2CXAA024A	TXA024C	ADD060C936F	14.5"	2CXCA024A	TXC024C	2CXAA024A	TXA024C
AUD060C924K	14.5"	2TXCA018A	TXC030C		TXA030C	ADD060C936F	14.5"	2TXCA018A	TXC030C		TXA030C
AUD060C936K	14.5"	2TXCA024A	TXC035C		TXA035C	ADD1A040A9241A	14.5"	2TXCA024A	TXC035C		TXA035C
AUD1A040A9241A	14.5"	4CXCA018A	TXC024D			ADD1A060A9241A	14.5"	4CXCA018A	TXC024D		
AUD1A040A9301A	14.5"	4CXCA024A	TXC030D			ADD1A060A9361A	14.5"	4CXCA024A	TXC030D		
AUD1A060A9301A	14.5"	4TXCA018A	TXC035D					4TXCA018A	TXC035D		
AUD1A060A9241A	14.5"	4TXCA024A	CCBA18A		CUBA18A			4TXCA024A			
			CCBA24A		CUBA24A						
			CCBA30A		CUBA30A						
			CCBA36A		CUBA36A						
AUD060C937K	17.5"	2CXCB025A	TXC025C	2CXAB025A		ADD060C937F	17.5"	2CXCB025A	TXC025C	2CXAB025A	TXA025C
AUD080C924K	17.5"	2CXCB031A	TXC031C	2CXAB031A		ADD080C936F	17.5"	2CXCB031A	TXC031C	2CXAB031A	TXA031C
AUD080C936K	17.5"	2CXCB036A	TXC036C	2CXAB036A		ADD080C945F	17.5"	2CXCB036A	TXC036C	2CXAB036A	TXA036C
AUD080C948K	17.5"	2CXCB042A	TXC042C	2CXAB042A	TXA025C	ADD100C945F	17.5"	2CXCB042A	TXC042C	2CXAB042A	TXA042C
AUD100C936K	17.5"	2CXCB048A	TXC048C	2CXAB048A	TXA031C	ADD1B060A9361A	17.5"	2CXCB048A	TXC048C	2CXAB048A	TXA048C
AUD100C945K	17.5"	2TXCB025A	TXC025D		TXA036C	ADD1B080A9361A	17.5"	2TXCB025A	TXC025D		
AUD1B060A9361A	17.5"	2TXCB031A	TXC031D		TXA042C	ADD1B080A9451A	17.5"	2TXCB031A	TXC031D		
AUD1B080A9241A	17.5"	2TXCB036A	TXC036D		TXA048C	ADD1B100A9451A	17.5"	2TXCB036A	TXC036D		
AUD1B080A9361A	17.5"	2TXCB042A	TXC031E					2TXCB042A	TXC031E		
AUD1B080A9481A	17.5"	2TXCB048A	TXC036E					2TXCB048A	TXC036E		
AUD1B100A9361A	17.5"	4CXCB025A	TXC031S					4CXCB025A	TXC031S		
AUD1B100A9451A	17.5"	4CXCB031A	TXC036S					4CXCB031A	TXC036S		
		4CXCB036A	RXC025S					4CXCB036A	RXC025S		
		4CXCB042A	RXC031S					4CXCB042A	RXC031S		
		4CXCB048A	RXC036S					4CXCB048A	RXC036S		
		4TXCB025A			CUBB24A			4TXCB025A			
		4TXCB031A	CCBB30A		CUBB30A			4TXCB031A			
		4TXCB036A	CCBB36A		CUBB36A			4TXCB036A			
		4TXCB042A	CCBA42A		CUBB42A			4TXCB042A			
		4TXCB048A	CCBA48A		CUBB48A			4TXCB048A			
AUD080C960K	21"	2CXCC037A	TXC037C	2CXAC037A	TXA037C	ADD100C948F	21"	2CXCC037A	TXC037C	2CXAC037A	TXA037C
AUD100C948K	21"	2CXCC043A	TXC043C	2CXAC043A	TXA043C	ADD100C954F	21"	2CXCC043A	TXC043C	2CXAC043A	TXA043C
AUD100C960K	21"	2CXCC049A	TXC049C	2CXAC049A	TXA049C	ADD120C954F	21"	2CXCC049A	TXC049C	2CXAC049A	TXA049C
AUD120C954K	21"	2CXCC060A	TXC060C	2CXAC060A	TXA050C	ADD1C100A9481A	21"	2CXCC060A	TXC060C	2CXAC060A	TXA050C
AUD1C080A9601A		2TXCC037A	TXC037E			ADD1C100A9541A	21"	2TXCC037A	TXC037E		
AUD1C100A9481A		2TXCC043A	TXC054E			ADD1C120A9541A	21"	2TXCC043A	TXC054E		
AUD1C100A9601A		2TXCC049A	TXC037S					2TXCC049A	TXC037S		
AUD1C120A9541A		2TXCC054A	TXC054S					2TXCC054A	TXC054S		
		2TXCC060A	RXC037S					2TXCC060A	RXC037S		
		4CXCC037A	RXC054S					4CXCC037A	RXC054S		
		4CXCC043A			CUBC36A			4CXCC043A			
		4CXCC049A			CUBC42A			4CXCC049A			
		4CXCC060A	CCBC48A		CUBC48A			4CXCC060A			
		4TXCC037A	CCBC60A		CUBC60A			4TXCC037A			
		4TXCC043A						4TXCC043A			
		4TXCC049A						4TXCC049A			
		4TXCC054A						4TXCC054A			
		4TXCC060A						4TXCC060A			
AUD120C960K	24.5"	2CXCD050A	TXC050C	2CXAD050A	TXA060C	ADD120C960F	24.5"	2CXCD050A	TXC050C	2CXAD050A	TXA060C
AUD140C960K	24.5"	2CXCD061A	TXC061C	2CXAD061A	TXA061C	ADD140C960F	24.5"	2CXCD061A	TXC061C	2CXAD061A	TXA061C
AUD1D100A9721A		2TXCD050A	TXC065S <sup>①</sup>			ADD1D120A9601A	24.5"	2TXCD050A	TXC065S <sup>①</sup>		
AUD1D120A9601A		2TXCD061A	RXC061S			ADD1D140A9601A	24.5"	2TXCD061A	RXC061S		
AUD1D140A9601A		2TXCD065A	RXC065S <sup>①</sup>					2TXCD065A	RXC065S <sup>①</sup>		
		4CXCD050A			CUBD48A			4CXCD050A			
		4CXCD061A	CCBD60A		CUBD60A			4CXCD061A			
		4TXCD050A						4TXCD050A			
		4TXCD061A						4TXCD061A			
		4TXCD065A						4TXCD065A			

**NOTE:** For reference only on Flush Fit Applications

<sup>①</sup> Coil apex extends above case, actual height of case is 30" (Downflow application of coil is not recommended).



## Your Profit-ability with American Standard

### Sell-ability

- Removes up to 99.98% of allergens from filtered air
- 8 times more effective than the best HEPA appliance
- 100 times more effective than a standard 1" throwaway filter or ionic-type room appliance

### Install-ability

- Perfect Fit™ cabinets enable easy installation without costly transitions
- No additional space required
- 24V power supply—fully regulated power pack

### Service-ability

- Easy to service—only 2 latches to open
- Opportunity for service contract
- Long run time between cleaning—3 months on pre-filter, 6–9 months on collection cells
- Safety interlocks shut off power when door is opened
- Reversible door
- Easy-to-remove components
- Easily accessible electronics in door
- Exterior filter-cleaning reminder light
- Light-weight collection cells removable for cleaning with a simple wash or vacuum

### Performance-ability

- Highest clean air delivery rate of any air filtration system on the market
- Minimal impact on airflow system or performance—much less than HEPA
- Catches particles down to .3 microns in size
- Low pressure drop
- Maintains remarkable efficiency over time
- Minimal ozone generated
- UL-listed filter and electronics

### Rely-ability

- Extraordinary 10/5-year limited warranty
- Heavy 18-gauge sheet metal cabinet
- Keeps the condensing unit's blower motor and coil clean, improving energy efficiency and prolonging the life of the motor

# American Standard AccuClean™



10-year limited warranty on electronics  
5-year limited warranty on all other parts

## Breakthrough clean air technology, a fresh way to filter additional sales your way.

New, revolutionary, and loaded with breakthrough technology, the groundbreaking American Standard AccuClean air filtration system is ideal for customers who are installing a new heating or cooling system or for those who are simply seeking cleaner air.

Approximately 45% of households have someone with asthma and/or allergies. In addition, indoor air can be 4 to 5 times more polluted than outdoor air. That is exactly why so many homeowners are searching for a clean air solution and have even purchased expensive and ineffective ionic-type room appliances.

AccuClean clearly outperforms all of its competition. Our exclusive technology filters up to 99.98% of all airborne allergens from filtered air for a cleaner, more comfortable home. And because it doesn't clog, air return remains excellent; unlike some other air filtration systems, AccuClean delivers on its promise of cleaner air. And delivers more of it.

AccuClean will greatly improve your customers' air quality, while at the same time greatly increasing your profits.

*American Standard*  
HEATING & AIR CONDITIONING

American Standard  
AccuClean™

# AccuClean™ is profitable for a number of reasons.

## The numbers don't lie.

### Allergies & Asthma

- AccuClean removes up to 99.98% of airborne allergens from filtered air, including dust, pollen, pet hair and dander, dust mites, mildew, lint, cooking grease and most types of tobacco smoke.
- 40 pounds of dust are created annually in the average home.
- Each ounce of dust contains about 40,000 dust mites, one of the most common household allergens.
- Up to 72 trillion allergens find their way into homes every day.
- 28 million Americans suffer from hay fever and other allergies.
- 15 million Americans have asthma, including 1 in 13 school-age children.
- In the last 30 years, the number of asthma cases has gone up 60%.
- 54% of single-family homes with children have someone with a respiratory ailment.

### Indoor Air Quality

- Up to 8 HEPA room appliances or 100 ionic-type room appliances would be required to deliver the same amount of clean filtered air as AccuClean.
- The EPA's list of environmental risks to public health cites indoor air pollution as #5.
- 87% of American homeowners are not aware that pollution may be worse inside their homes than outdoors.
- Children inhale 50% more air per pound of body weight than adults, so they are especially sensitive to air quality problems.
- 30% of newly constructed and remodeled facilities have indoor air quality problems.
- Tobacco smoke contains more than 4,000 compounds, many of which are strong irritants.

## A warranty for you and your customers.

Not only does an American Standard warranty protect your customers, it allows you to maintain a relationship with them and generate future business. Warranties are also a great way to promote your reputation in the community and collect referrals, while ensuring customer satisfaction.

## American Standard benefits for your customers.

### Cleaner air

AccuClean is the best air filtration system on the market. Removes up to 99.98% of airborne allergens from filtered air for a cleaner, more comfortable home.

### Reliable performance

Doesn't clog, so it maintains remarkable efficiency over time.

### Durable construction

Materials for all components are torture-tested for consistent, reliable, long-lasting performance and durability.

### Enhanced comfort

Add a variable speed indoor fan motor to decrease sound and increase humidity control, which kills dust mites.

### Efficient operation

Delivers breakthrough clean air delivery rate.

## The ozone question.

Some customers may have concerns about the ozone emissions from ionizing air cleaners. Independent research has shown that plug-in air cleaners emit the highest level of ozone, while whole house systems like AccuClean emit almost none.

At American Standard, we consider safety and quality to be our top priorities. So your customers can rest assured that AccuClean's ozone emission is well below the FDA voluntary limit for medical devices.

And that all adds up to clean air, which is good for the homeowner and good for the environment.

## A reputation built on reliability and durability.

American Standard salutes all the dealers who work to improve the lives of families. It's our promise to you that we will continue to dedicate ourselves to creating and manufacturing new and innovative products. Products that will also make you and your customers a lot more comfortable.

*American Standard*  
HEATING & AIR CONDITIONING  
[americanstandardair.com](http://americanstandardair.com)

# Clearly different: Like nothing they've ever seen before.

**Painted Sheet Metal Cabinet:** Constructed of heavy 18-gauge metal to protect the filter and internal electronics.

**Field Charger:** Facilitates up to 99.98% cleaning effectiveness by charging airborne contaminants so they are attracted to an oppositely charged collection cell.

**Reusable Collection Cells:** Precision-engineered to trap particles down to .3 microns in size. After six to nine months of use, a simple wash or vacuum makes the collection cells like new again.

**Power Door:** Provides easy access to internal components. Features a filter-status display and safety interlocks that shut off the power when the door is opened for maintenance or cleaning.



**Pre-filter:** Traps large airborne particles so the reusable collection cells can operate for a longer period of time before cleaning is required.



## Selling the value of AccuClean.

When discussing AccuClean's value with potential customers, it's important to compare whole house air cleaners to plug-in air cleaners that operate in a single room. To attempt to match the effect of a whole house system, customers would have to buy multiple plug-in cleaners costing \$300 to \$500 each. Even then, plug-ins are only effective within a certain radius, potentially leaving much of the air in the room unfiltered.

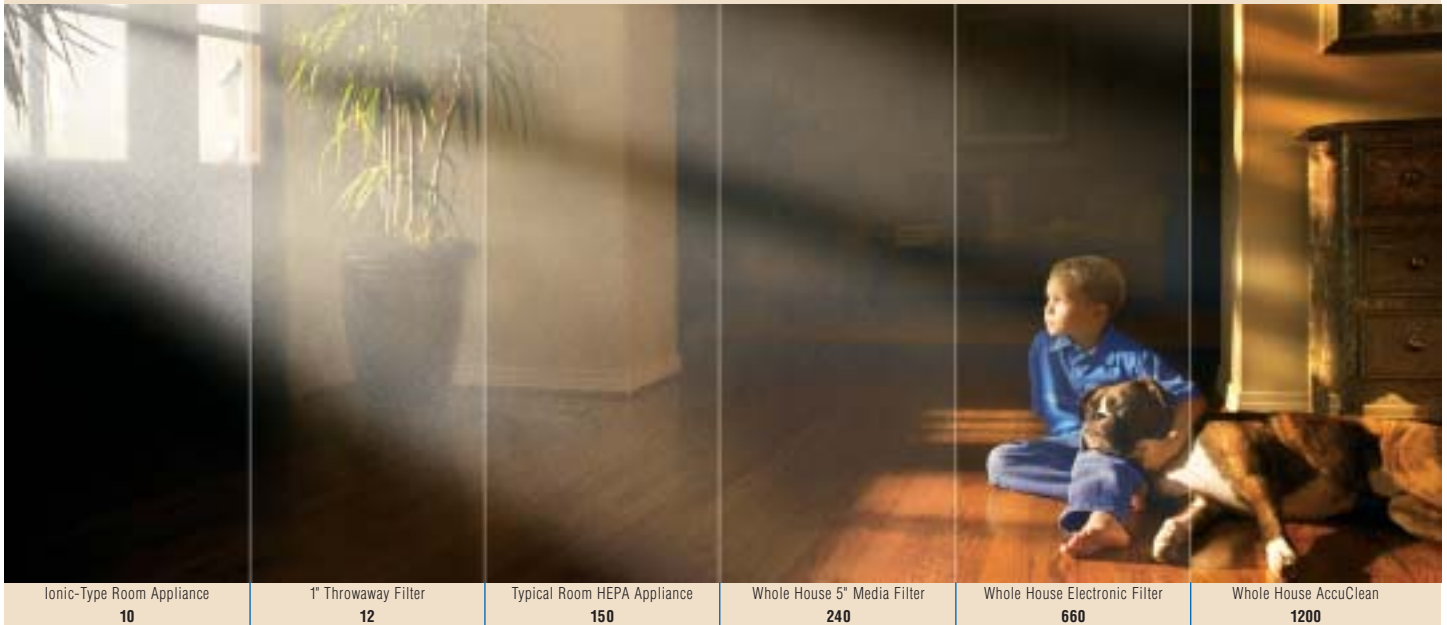
The AccuClean whole house air filtration system is the best way to assure your customers they will be breathing air that's exceptionally clean—no matter what room they're in.

## AccuClean—better in so many ways.

While some customers may still choose an electronic air cleaner, this chart illustrates the additional benefits provided by AccuClean's revolutionary technology.

	Electronic air cleaner	AccuClean
Clean air delivery rate @ 3 tons	660	1200
Maintenance indicators	no	yes
Homeowner cleaning	difficult	easier
Collection surface area	46 sq. ft.	334 sq. ft.
Cleaning cycle	3 months	6–9+ months
High voltage arching	yes	no
Ozone	10–20 PPB	5 PPB
Warranty	5 years	10/5 years
Technology	40 years old	new
Style	dated	ultra-modern
Profitability	average	exceptional

# AccuClean™ has the highest clean air delivery rate of any air filtration system on the market.



Ratings of cubic feet per minute of clean air delivered for a typical 3-ton heating and cooling system: the higher the value, the more effective the air cleaner. Clean air delivery rate (efficiency times airflow rate) is recognized by the Association of Home Appliances, the Federal Trade Commission (FTC), Environmental Protection Agency (EPA) and American National Standards Institute (ANSI) as a fair and objective measure of various air cleaner technologies.

## Why is American Standard AccuClean air filtration better than the rest?

It's all in the technology. Other filters, such as HEPA filters, trap airborne particles by forcing air through very dense mesh screens. Although these screens are effective at catching dirt, over time they become clogged, causing a pressure drop. Not so with AccuClean.

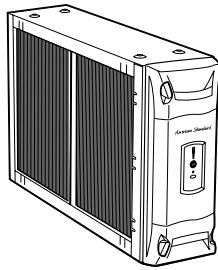
Our unique and patented filters remove up to 99.98% of unwanted particles from the filtered air without ever seriously hampering airflow. This provides long-lasting and consistent performance with the lowest pressure drop and highest efficiency of any air filtration system on the market. In fact, AccuClean is 8 times more effective than the best HEPA room appliance and 100 times more effective than a standard throwaway 1" filter or ionic-type room appliance.

## Performance-verified by leading experts.

AccuClean is the new industry benchmark, verified by experts who make it their business to know about clean air. Key among them is Dr. John Spengler, Ph.D., faculty member of the Harvard School of Public Health and co-founder of Environmental Health & Engineering, Inc., a consulting and engineering services company dedicated to ensuring safe and productive environments. Environmental Health & Engineering has verified that AccuClean is highly capable of reducing airborne pollutants and of creating a clean, comfortable environment in your customers' homes.

AccuClean was also tested by LMS Technologies, Inc., a company that specializes in air filtration testing and verification. The result? The amount and quality of clean air delivered by American Standard AccuClean was judged to be second to none.

*American  
Standard*



**AccuClean™ Whole House Air Cleaner:**

- AccuClean™ removes up to 99.98% of allergens from the filtered air
- Removes particles down to .3 microns in size
- Outperforms HEPA, and up to 100 times more effective than a standard 1" filter
- Constructed of heavy 18 gage metal to protect the filter and internal electronics
- Power door provides easy access to internal components and features a filter status display as well as safety interlocks that automatically shut down the power when the door is opened for maintenance or cleaning
- Designed for flush fit on both sides and rear of equipment cabinet
- No transitions required on AccuClean™ applications
- Gaskets included with the air cleaner
- 24 Volt input power
- **10 year electronics warranty**
- **5 year parts warranty**

**AccuClean™ Whole House Upgrade Kits:**

- Fits any "Perfect Fit™" Air Cleaner cabinet.
- Easily convert Perfect Fit™, TFP, TFM or TFE product to AccuClean™ Air Cleaner
- 24 Volt input power
- **10 year electronics warranty.**
- **5 year parts warranty.**

**AccuClean™ Whole House Air Cleaner and Upgrade Kits**

**Table IDAQ-1-A – Air Handler – 24 Volt AccuClean™ Whole House Air Cleaner**

Model Number	Airflow Range	AccuClean™ Air Handler Width	Uncrated Dimensions(in.) H x W x D	Shipping Weight
AFD215ALAH000A	300-1200	21½ inch	7½ x 21½ x 21	42
AFD235ALAH000A	350-1600	23½ inch	7½ x 23½ x 21	44
AFD260ALAH000A	400-2000	26 inch	7½ x 26 x 21	46

**Table IDAQ-1-B – Upflow / Side Return Furnace – 24 Volt AccuClean™**

Model Number	Airflow Range	AccuClean™ Air Handler Width	Uncrated Dimensions(in.) H x W x D	Shipping Weight
AFD145ALFR000A	300-1200	14½ inch <sup>①</sup>	7½ x 14½ x 27	39
AFD175ALFR000A	300-1600	17½ inch <sup>①</sup>	7½ x 17½ x 27	43
AFD210ALFR000A	300-2000	21 inch <sup>②</sup>	7½ x 21 x 27	47
AFD245ALFR000A	400-2000	24½ inch <sup>②</sup>	7½ x 24½ x 27	49

**Table IDAQ-1-C – Downflow Furnace – 24 Volt AccuClean™**

Model Number	Airflow Range	AccuClean™ Air Handler Width	Uncrated Dimensions(in.) H x W x D	Shipping Weight
AFD14DALFR000A	300-1200	14½ inch	7½ x 14½ x 21	33
AFD17DALFR000A	300-1600	17½ inch	7½ x 17½ x 21	37
AFD21DALFR000A	300-2000	21 inch	7½ x 21 x 21	41
AFD24DALFR000A	400-2000	24½ inch	7½ x 24½ x 21	45

**Table IDAQ-1-D – Air Handler – AccuClean™ Upgrade Kit**

Model Number	Airflow Range	Perfect Fit™ Cabinet Width	Shipping Weight
AFD215ALUPGRDA	300-1200	21½ inch	38
AFD235ALUPGRDA	350-1600	23½ inch	40
AFD260ALUPGRDA	400-2000	26 inch	42

**Table IDAQ-1-E – Furnace – AccuClean™ Upgrade Kit**

Model Number	Airflow Range	Perfect Fit™ Cabinet Width	Shipping Weight
AFD145ALUPGRD	300-1200	14½ inch <sup>①</sup>	35
AFD175ALUPGRD	300-1600	17½ inch <sup>①</sup>	39
AFD210ALUPGRD	300-2000	21 inch <sup>②</sup>	43
AFD245ALUPGRD	400-2000	24½ inch <sup>②</sup>	45

**Table IDAQ-1-F – Downflow Furnace – AccuClean™ Upgrade Kit**

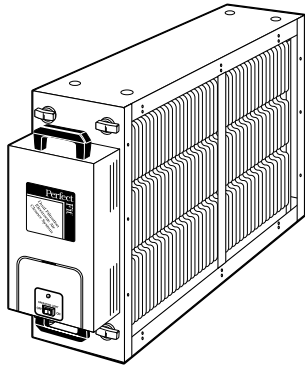
Model Number	Airflow Range	Perfect Fit™ Cabinet Width	Shipping Weight
AFD14DALUPGRD	300-1200	14½ inch	29
AFD17DALUPGRD	300-1600	17½ inch	33
AFD21DALUPGRD	300-2000	21 inch	37
AFD24DALUPGRD	400-2000	24½ inch	41

**Table IDAQ-1-G – Accessories – AccuClean™ and Upgrade Kits**

Model Number	Description	Used With	Shipping Weight
BAYTRANS12024	120 to 24 Volt Transformer	All AFD Air Cleaners	6

① Side return no Transition Required.  
 ② Side return Transition Required.

## “Perfect Fit™” Air Cleaner



- Three sizes to flush fit TWE/4TEE/4TEP 6-way convertible Air Handler return.
- Four sizes to flush fit bottom of American Standard furnaces.
- TFP175, TFM175, TFE175 (17½") bottom return model can be used for a “Perfect Fit™” side return on all furnace models.
- Air Cleaners designed for flush fit on both sides and rear of equipment cabinet.
- All service and access is from the front of the air cleaner.
- Cabinet case versatility provides three levels of air quality.
- All Electronic Air Cleaners are shipped with a 1" washable metal pre-filter.
- “Air-Tite™” Door construction eliminates air leaks, improves air quality and keeps operating costs low.
- Gaskets included with the air cleaner.
- Built-In Air Sensor Switch senses when air flows through the power assembly on and off automatically; No “Power On” relay required.
- Air Cleaner furnace models come with a 120 volt power supply.
- Air Cleaner Air Handler models come with a 240 volt power supply or 120 volt power supply.

**Table IDAQ-2-A – Air Handler “Perfect Fit™” Dual Filtration Electronic Air Cleaner System With One (1) Inch Pre-Filter (120 Volt or 240 volt)**

Model Number	Airflow Range	Voltage	Perfect Fit™ Air Handler Width	Uncrated Dimensions(in.) H x W x D	Shipping Weight	Return Air Opening <sup>③</sup>
TFE215A9AH3	300-1400	120	21½ inch	7½ x 21½ x 21	45	18⅞ x 18⅞
TFE235A9AH3	300-1800	120	23½ inch	7½ x 23½ x 21	49	20⅞ x 18⅞
TFE260A9AH3	400-2100	120	26 inch	7½ x 26 x 21	53	23⅞ x 18⅞
TFE215A1AH3	300-1400	240	21½ inch	7½ x 21½ x 21	45	18⅞ x 18⅞
TFE235A1AH3	300-1800	240	23½ inch	7½ x 23½ x 21	49	20⅞ x 18⅞
TFE260A1AH3	400-2100	240	26 inch	7½ x 26 x 21	53	23⅞ x 18⅞

**Table IDAQ-2-B – Furnace “Perfect Fit™” Dual Filtration Electronic Air Cleaner System With One (1) Inch Pre-Filter (120 Volt)**

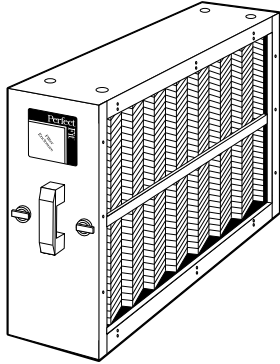
Model Number	Airflow Range	Voltage	Perfect Fit™ Air Handler Width	Uncrated Dimensions(in.) H x W x D	Shipping Weight	Return Air Opening <sup>③</sup>
TFE145A9FR3	300-1200	120	14½ inch <sup>①</sup>	7½ x 14½ x 27	44	11⅞ x 24 <sup>13</sup> / <sub>16</sub>
TFE175A9FR3	300-1500	120	17½ inch <sup>①</sup>	7½ x 17½ x 27	48	14⅞ x 24 <sup>13</sup> / <sub>16</sub>
TFE210A9FR3	300-2000	120	21 inch <sup>②</sup>	7½ x 21 x 27	54	18 <sup>3</sup> / <sub>8</sub> x 24 <sup>13</sup> / <sub>16</sub>
TFE245A9FR3	400-2200	120	24½ inch <sup>②</sup>	7½ x 24½ x 27	60	21⅞ x 24 <sup>13</sup> / <sub>16</sub>

**Table IDAQ-2-C — Accessories: 1" Permanent - Washable Filter (Ordered through Parts)**

Replacement Part Number	Previous Model Number	Description	Enclosure Used With
FLR03831	BAYFTFR14W1A	1" PERMANENT - Washable	14-1/2
FLR03832	BAYFTFR17W1A	1" PERMANENT - Washable	17-1/2
FLR03833	BAYFTFR21W1A	1" PERMANENT - Washable	21
FLR03834	BAYFTFR24W1A	1" PERMANENT - Washable	24-1/2
FLR03835	BAYFTAH21W1A	1" PERMANENT - Washable	21-1/2
FLR03836	BAYFTAH23W1A	1" PERMANENT - Washable	23-1/2
FLR03837	BAYFTAH26W1A	1" PERMANENT - Washable	26

- ① Side return no Transition Required.  
 ② Side return Transition Required.  
 ③ Actual opening does not include flange.

## “Perfect Fit™” Air Cleaner



- Three sizes to flush fit TWE/4TEE/4TEP 6-way convertible Air Handler return.
- Four sizes to flush fit bottom of American Standard furnaces.
- Air Cleaners designed for flush fit on both sides and rear of equipment cabinet.
- All service and access is from the front of the air cleaner.
- “Air-Tite™” Door construction eliminates air leaks, improves air quality and keeps operating costs low.
- Gaskets included with the air cleaner.

**Table IDAQ-3-A – Air Handler “Perfect Fit™” High Efficiency Air Cleaner With Five (5) Inch Expandable Media Filter**

Model Number	Airflow Range	Perfect Fit™ Air Handler Width	Uncrated Dimensions(in.) H x W x D	Shipping Weight	Return Air Opening <sup>③</sup>
TFM215B0AH0	300-1400	21 1/2 inch	7 1/2 x 21 1/2 x 21	22	18 7/8 x 18 7/8
TFM235B0AH0	300-1700	23 1/2 inch	7 1/2 x 23 1/2 x 21	24	20 7/8 x 18 7/8
TFM260B0AH0	400-2100	26 inch	7 1/2 x 26 x 21	25	23 7/8 x 18 7/8

**Table IDAQ-3-B – Furnace “Perfect Fit™” High Efficiency Air Cleaner With Five (5) Inch Expandable Media Filter**

Model Number	Airflow Range	Perfect Fit™ Air Handler Width	Uncrated Dimensions(in.) H x W x D	Shipping Weight	Return Air Opening <sup>③</sup>
TFM145B0FR0	300-1200	14 1/2 inch <sup>①</sup>	7 1/2 x 14 1/2 x 27	18	11 7/8 x 24 13/16
TFM175B0FR0	300-1500	17 1/2 inch <sup>①</sup>	7 1/2 x 17 1/2 x 27	21	14 7/8 x 24 13/16
TFM210B0FR0	300-2000	21 inch <sup>②</sup>	7 1/2 x 21 x 27	24	18 3/8 x 24 13/16
TFM245B0FR0	400-2000	24 1/2 inch <sup>②</sup>	7 1/2 x 24 1/2 x 27	27	21 7/8 x 24 13/16

**Table IDAQ-3-C – Downflow Furnace “Perfect Fit™” High Efficiency Air Cleaner With Five (5) Inch Expandable Media Filter**

Model Number	Airflow Range	Perfect Fit™ Air Handler Width	Uncrated Dimensions(in.) H x W x D	Shipping Weight	Return Air Opening <sup>③</sup>
TFM14DA0FR0	300-1200	14 1/2 inch	7 1/2 x 14 1/2 x 21	17	11 7/8 x 18 7/8
TFM17DA0FR0	300-1500	17 1/2 inch	7 1/2 x 17 1/2 x 21	19	14 7/8 x 18 7/8
TFM21DA0FR0	300-2000	21 inch	7 1/2 x 21 x 21	22	18 3/8 x 18 7/8
TFM24DA0FR0	400-2000	24 1/2 inch	7 1/2 x 24 1/2 x 21	24	21 7/8 x 18 7/8

**Table IDAQ-3-D – Air Handler “Perfect Fit™” Medium Efficiency Air Cleaner With One (1) Inch Pleated Filter**

Model Number	Airflow Range	Perfect Fit™ Air Handler Width	Uncrated Dimensions(in.) H x W x D	Shipping Weight	Return Air Opening <sup>③</sup>
TFP215A0AH1	300-1200	21 1/2 inch	7 1/2 x 21 1/2 x 21	20	18 7/8 x 18 7/8
TFP235A0AH1	300-1500	23 1/2 inch	7 1/2 x 23 1/2 x 21	22	20 7/8 x 18 7/8
TFP260A0AH1	400-1800	26 inch	7 1/2 x 26 x 21	24	23 7/8 x 18 7/8

**Table IDAQ-3-E – Furnace “Perfect Fit™” Medium Efficiency Air Cleaner With One (1) Inch Pleated Filter**

Model Number	Airflow Range	Perfect Fit™ Air Handler Width	Uncrated Dimensions(in.) H x W x D	Shipping Weight	Return Air Opening <sup>③</sup>
TFP145A0FR1	300-1200	14 1/2 inch <sup>①</sup>	7 1/2 x 14 1/2 x 27	17	11 7/8 x 24 13/16
TFP175A0FR1	300-1500	17 1/2 inch <sup>①</sup>	7 1/2 x 17 1/2 x 27	19	14 7/8 x 24 13/16
TFP210A0FR1	400-1800	21 inch <sup>②</sup>	7 1/2 x 21 x 27	22	18 3/8 x 24 13/16
TFP245A0FR1	400-2000	24 1/2 inch <sup>②</sup>	7 1/2 x 24 1/2 x 27	25	21 7/8 x 24 13/16

① Side return no Transition Required.

② Side return Transition Required.

③ Actual opening does not include flange.





# “Perfect Fit™” Filter Accessories

**Table IDAQ-4-A — Furnace Enclosure Filters**

Model Number	Description	Qty	Enclosure Used with	Shipping Weight
BAYFTFR14P4	1" Pleated Filter	4 / Box	14 1/2	3
BAYFTFR17P4	1" Pleated Filter	4 / Box	17 1/2	3
BAYFTFR21P4	1" Pleated Filter	4 / Box	21	3
BAYFTFR24P4	1" Pleated Filter	4 / Box	24 1/2	3
BAYFTFR14M2	5" Media Filter	2 / Box	14 1/2	5
BAYFTFR17M2	5" Media Filter	2 / Box	17 1/2	5
BAYFTFR21M2	5" Media Filter	2 / Box	21	5
BAYFTFR24M2	5" Media Filter	2 / Box	24 1/2	6
BAYFTFREXM2	Expandable 5" Cartridge Media Filter	2 / Box	14 1/2-24 1/2	5

**Table IDAQ-4-B — Air Handler Enclosure Filters**

Model Number	Description	Qty	Enclosure Used with	Shipping Weight
BAYFTA21P4	1" Pleated Filter	4 / Box	21 1/2	3
BAYFTA23P4	1" Pleated Filter	4 / Box	23 1/2	3
BAYFTA26P4	1" Pleated Filter	4 / Box	26	3
BAYFTA21M2	5" Media Filter	2 / Box	21 1/2	5
BAYFTA23M2	5" Media Filter	2 / Box	23 1/2	5
BAYFTA26M2	5" Media Filter	2 / Box	26	6
BAYFTAHEXM2	Expandable 5" Cartridge Media Filter	2 / Box	21 1/2-26	5

**Table IDAQ-4-C — Downflow Cartridge Media**

Model Number	Description	Qty	Enclosure Used with	Shipping Weight
BAYFTDN14M2	5" Downflow Media Filter	2/ Box	14 D	5
BAYFTDN17M2	5" Downflow Media Filter	2/ Box	17 D	5
BAYFTDN21M2	5" Downflow Media Filter	2/ Box	21 D	5
BAYFTDN24M2	5" Downflow Media Filter	2/ Box	24 D	5

**Table IDAQ-4-D — Furnace Frames**

Model Number	Description	Qty	Enclosure Used with	Shipping Weight
BAYFRAME145①	Expandable Media Filter	1/ Box	14 1/2	5
BAYFRAME175①	Expandable Media Filter	1/ Box	17 1/2	5
BAYFRAME210①	Expandable Media Filter	1/ Box	21	5
BAYFRAME245①	Expandable Media Filter	1/ Box	24 1/2	5

**Table IDAQ-4-E — Air Handler Frames**

Model Number	Description	Qty	Enclosure Used with	Shipping Weight
BAYFRAME215①	Expandable Media Frame	1/ Box	21	5
BAYFRAME235①	Expandable Media Frame	1/ Box	23 1/2	5
BAYFRAME260①	Expandable Media Frame	1/ Box	26	5

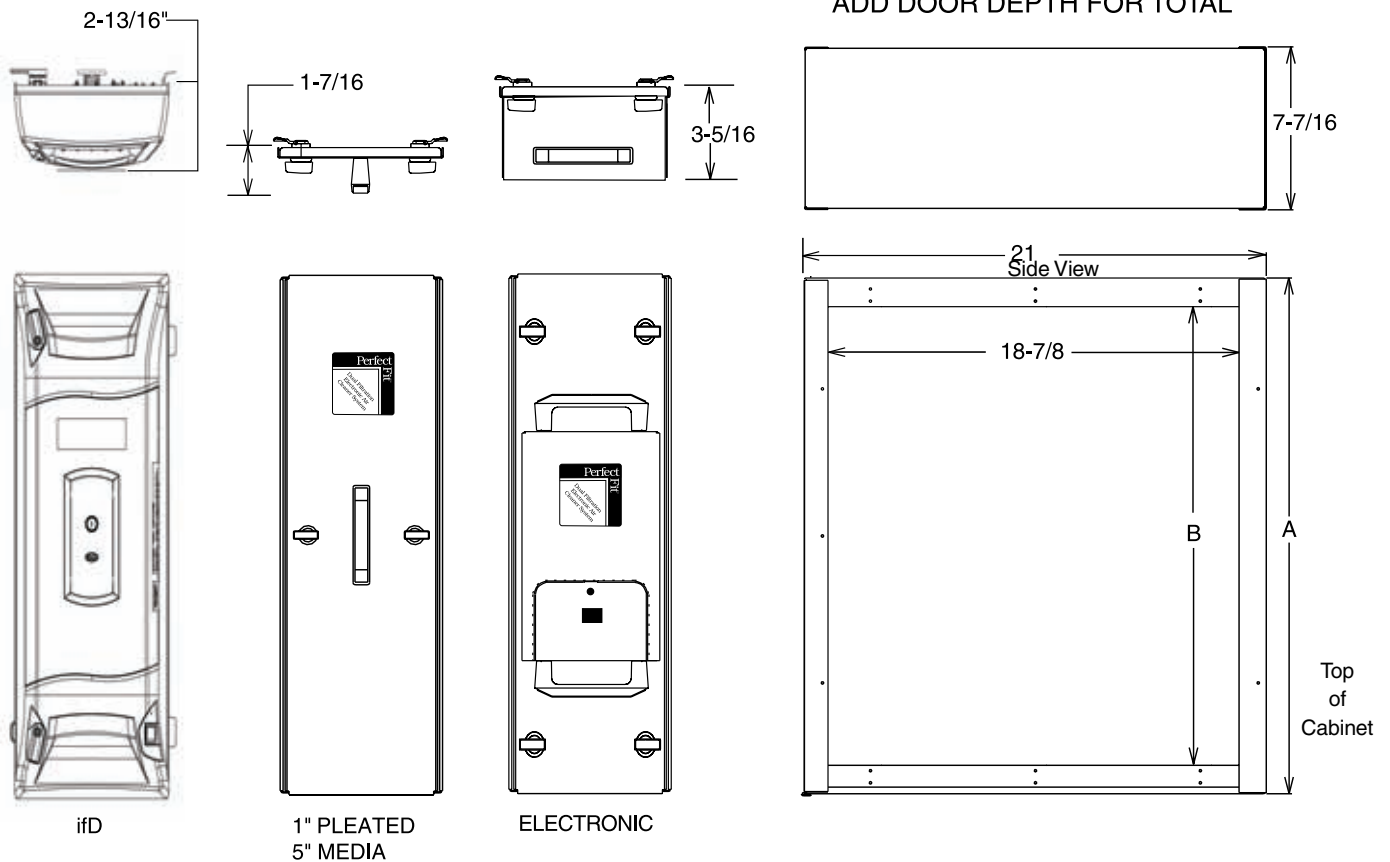
① Includes one filter.

Table IDAQ-5-A — Air Handler Filters

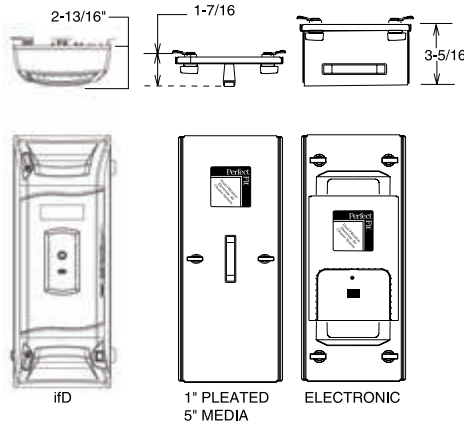
AIR HANDLER MODEL NUMBER					
1" Pleated Filter	5" Media Filter	Electronic Filter	AccuClean™	A	B
TFP215A0AH0	TFM215A0AH0	TFE215A1AH0, A9AH0	AFD215ALAH000A	21-1/2	18-7/8
TFP235A0AH0	TFM235A0AH0	TFE235A1AH0, A9AH0	AFD235ALAH000A	23-1/2	20-7/8
TFP260A0AH0	TFM260A0AH0	TFE260A1AH0, A9AH0	AFD260ALAH000A	26	23-7/8

### OUTLINE DRAWING AIR HANDLER MODELS

21" CABINET DEPTH ONLY  
ADD DOOR DEPTH FOR TOTAL



## “Perfect Fit™”



**Table IDAQ-6-A — Upflow Furnace Filters**

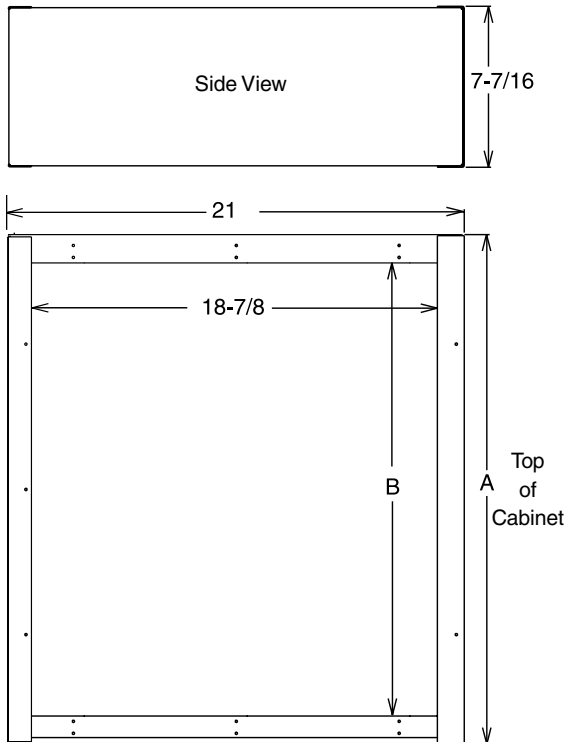
FURNACE MODEL NUMBER					
1" Pleated Filter	5" Media Filter	Electronic Filter	AccuClean™	A	B
TFP145A0FR0	TFM145A0FR0	TFE145A9FR0	AFD145ALFR000A	14-1/2	11-7/8
TFP175A0FR0	TFM175A0FR0	TFE175A9FR0	AFD175ALFR000A	17-1/2	14-7/8
TFP210A0FR0	TFM210A0FR0	TFE210A9FR0	AFD210ALFR000A	21	18-3/8
TFP245A0FR0	TFM245A0FR0	TFE245A9FR0	AFD245ALFR000A	24-1/2	21-7/8

**Table IDAQ-6-B — Downflow Furnace Filters**

FURNACE MODEL NUMBER			
5" Media Filter	AccuClean™	A	B
TFM14DA0FR0	AFD14DALFR000A	14-1/2	11-7/8
TFM17DA0FR0	AFD17DALFR000A	17-1/2	14-7/8
TFM21DA0FR0	AFD21DALFR000A	21	18-3/8
TFM24DA0FR0	AFD24DALFR000A	24-1/2	21-7/8

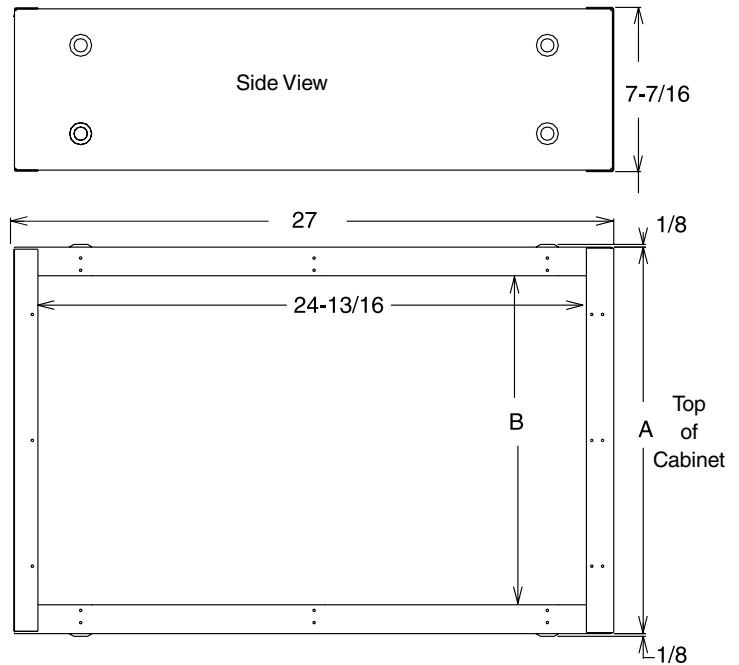
### OUTLINE DRAWING DOWNFLOW FURNACE MODELS

21" CABINET DEPTH ONLY  
ADD DOOR DEPTH FOR TOTAL



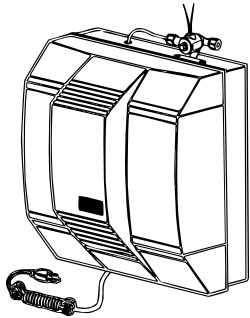
### OUTLINE DRAWING UPFLOW FURNACE MODELS

27" CABINET DEPTH ONLY  
ADD DOOR DEPTH FOR TOTAL

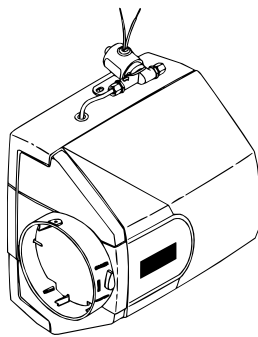




# Humidifiers Fan Powered and Bypass



**AHUMD500A**



**AHUMD200A, 300A**

## AHUMD500A

- Flow Through Fan Powered Humidifier
- High Performance Humidifier Delivers up to 18 Gallons per Day
- Automatic Humidifier Control with O.D. Sensor for up to 50% more Humidity
- Front Cover Access for easy replacement of humidifier pad.
- Aluminum Humidifier Pad Treated with Ceramic Clay for Enhanced Pad Performance
- Reliable Brass Solenoid Valve w/ Stainless Steel Valve Seat
- UV Resistant Cabinet and Scale Control Insert
- Saddle Valve
- Polyslate Gray Housing matches Furnace Cabinet Color
- Decorative nameplate
- 120V Power Line Cord

## AHUMD200,300A

- AHUMD300A Bypass delivers up to 17 Gallons per day
- AHUMD200A delivers up to 12 Gallons per day.
- AHUMD300A Automatic Humidifier Control and O.D. Sensor for up to 50% more Humidity
- AHUMD200A Manual Humidifier Control
- UV Resistant Cabinet and Scale Control Insert
- Front Cover Access for easy replacement of humidifier pad.
- Aluminum Humidifier Pad Treated with Ceramic Clay for Enhanced Pad Performance
- Reliable Brass Solenoid Valve w/ Stainless Steel Valve Seat
- Field Convertible Duct Connection, Left or Right Side
- Built in Summer / Winter Damper
- UV Resistant Cabinet and Scale Control Insert
- Saddle Valve
- Polyslate Gray Housing matches Furnace Cabinet Color
- Decorative nameplate
- 120V Primary
- 24V Secondary, 10VA

**Table IDAQ-7-A — Specifications: Humidifier with Humidistat**

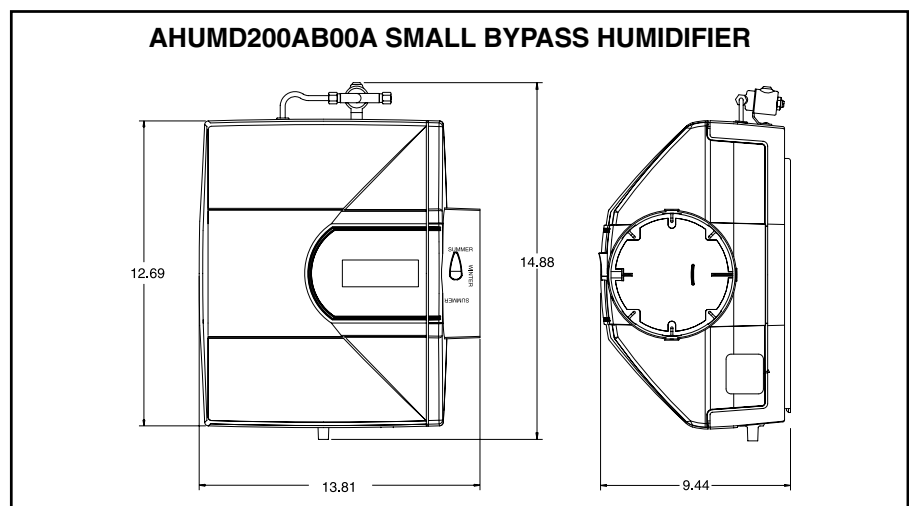
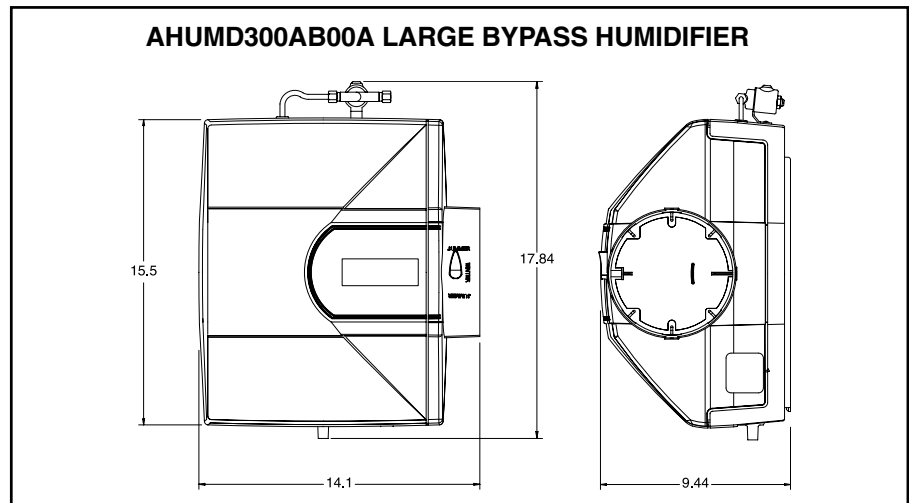
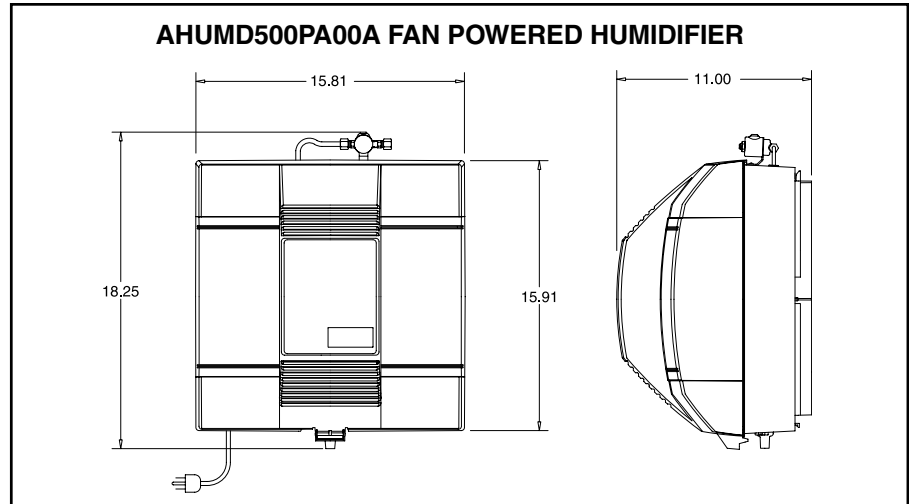
Model Number	Description	Used With	Mfg. Plant	Shipping Weight
AHUMD500APA00A <sup>①④</sup>	Fan Powered Humidifier	All Furnace Models	TY	1
AHUMD300ABA00A <sup>②</sup>	Large Bypass Humidifier	All Furnace Models	TY	1
AHUMD200ABM00A <sup>③</sup>	Small Bypass Humidifier	All Furnace Models	TY	1

- ① Includes Automatic Humidifier Control (Duct Mount Only)
- ② Includes Automatic Humidifier Control (Duct Mount Only) and 120/24V transformer
- ③ Includes Manual Humidifier Control and 120/24V transformer
- ④ Not applicable for horizontal installations.

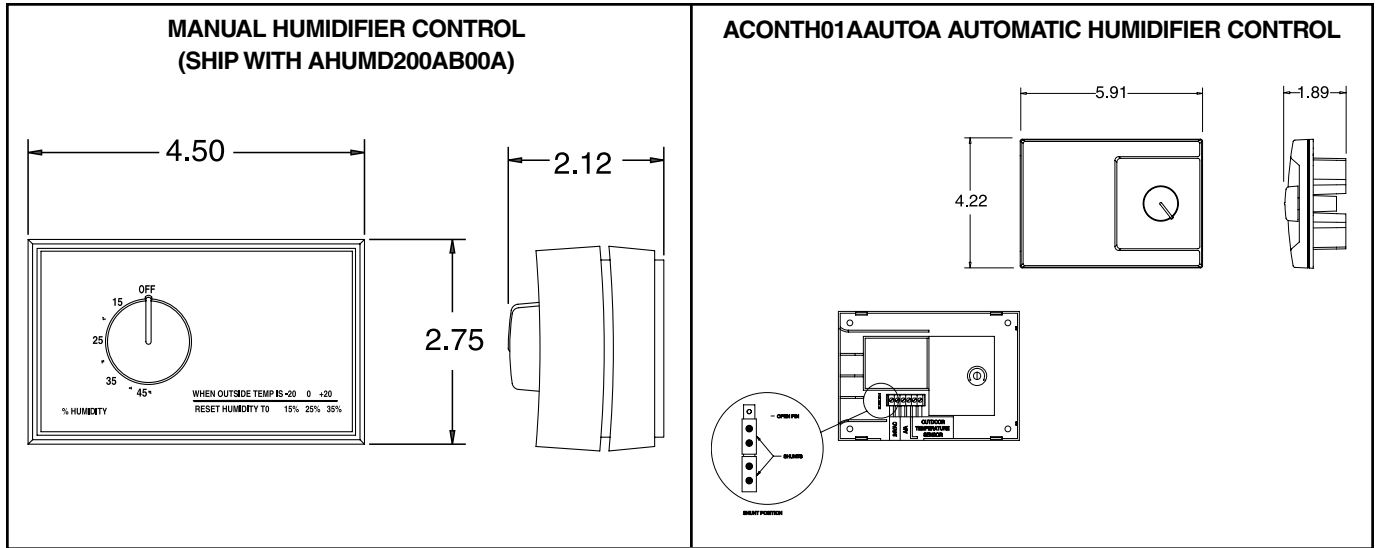
**Table IDAQ-7-B — Accessories**

Model Number	Description	Used With	Mfg. Plant	Shipping Weight
BAYPAD02A1310A	Large Humidifier Pad 13"x10"	AHUMD500,300A	TY	1
BAYPAD01A1010A	Small Humidifier Pad 9-7/8"x9-5/8"	AHUMD200A	TY	1
ACONTH01AAUTOA	Automatic Humidifier Control	AHUMD200A	TY	1
BAYRLY10ASENSA	Current Sensing Relay	All	TY	1
BAYPLT01AMHCOA	Adapter Plate (Duct Mount)	Manual Humidifier Control	TY	1

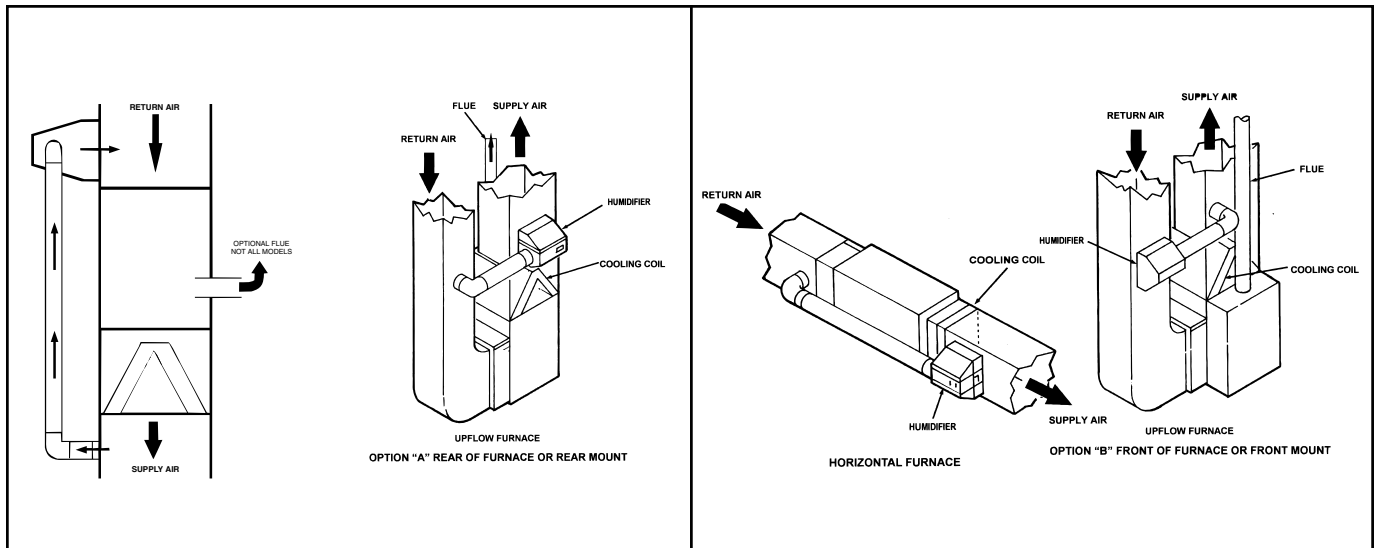
# Humidifiers Fan Powered and Bypass



## Humidifiers Fan Powered and Bypass

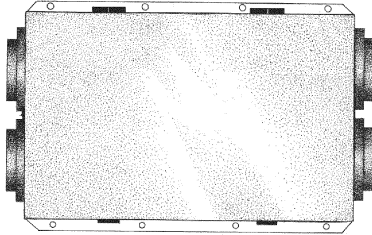


### SUGGESTED BYPASS HUMIDIFIER LOCATIONS





# Energy Recovery Ventilator (ERV)



- American Standard ERV technology for all seasons and climates
- Static plate energy transfer core for efficient transfer of heat and moisture
- Passive defrost - condensate drain not required
- Balancing dampers not required
- Multi position mounting
- Percent Timer (PT) control included with ERV for simple, automatic operation
- Optional push button control for use with PT control
- Cam action door latches for quick service access
- Heavy gauge, powder painted steel cabinet
- Permanently lubricated motor bearings
- 6" and 8" double collar duct connections for AERVR100 and 200
- 8" round compatible duct connection for AERVR300
- Closed cell foam gasketing for insulation integrity
- 1" duct board insulation with cleanable foil face
- May be installed in conditioned and unconditioned spaces
- Cabinet / Door color: American Standard Polyslate Gray / Dusty Basalt Gray
- **5 year limited warranty on parts**
- **10 year limited warranty on energy transfer core**
- **Optional extended warranty**

**Table IDAQ-10-A — Specifications: ERV**

Model Number	Nominal Airflow (CFM)	Power Supply	Uncrated Dimensions (In.)			Shipping Weight
			H	W	D	
AERVR100A9P00A <sup>①</sup>	130	120/1/60	20-1/8	28-3/4	13	58
AERVR200A9P00A <sup>①</sup>	200	120/1/60	20-1/8	28-3/4	23-7/8	80
AERVR300A9P00A <sup>①②</sup>	300	120/1/60	20-1/8	28-3/4	23-7/8	88

<sup>①</sup> Percent Timer Control included with the ERV

<sup>②</sup> Available in April 2006

**Table IDAQ-10-B — Specifications: ERV**

Model Number	Apparent Sensible Effectiveness(32°F)	Sensible Recovery Effectiveness(32°F)	Latent Recovery (32°F)	Total Recovery (32°F)
AERVR100A9P00A	80% @ 120 cfm	84% @ 120 cfm	73% @ 251 cfm	51% @ 63 cfm
AERVR200A9P00A	72% @ 120 cfm	77% @ 120 cfm	64% @ 251 cfm	59% @ 63 cfm
AERVR300A9P00A <sup>②</sup>	44% @ 120 cfm	63% @ 120 cfm	40% @ 251 cfm	31% @ 252 cfm

<sup>②</sup> Available in April 2006

**Table IDAQ-10-C — Optional Accessories**

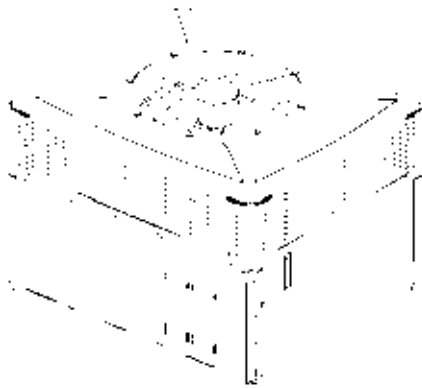
Model Number	Description	Used With	Shipping Weight
ACONTV10APBC0A	Point of Use Push Button Control	ERV models 100, 200, 300	1
BAYFLT10A1010A	Filters - 2 per pack	ERV models 100	1
BAYFLT20A1020A	Filters - 2 per pack	ERV models 200, 300	1
BAYWHT10AVENTA <sup>③</sup>	6 inch White Vinyl Ventilation Hood	ERV models 100, 200	1
BAYBRN10AVENTA <sup>③</sup>	6 inch Brown Vinyl Ventilation Hood	ERV models 100, 200	1
BAYGLV10AVENTA <sup>③</sup>	8 inch Galvanized Ventilation Hood	ERV models 300	2

<sup>③</sup> Qty 1



*American  
Standard*

## Package Cooling Convertible 1½ through 5 Tons



- Architecturally integrated louvers and corner guards deliver durable protection, extra safety, and great looks.
- Weather Beater Top contoured for great appearance and reinforced for strength.

- Ultra quiet operation provides best-in-class performance with barely noticeable sound levels.
- Appliance grade finish of durable powder paint baked on both sides of the panels.
- Exclusive **Duration™** high efficiency compressor with internal overload protection.
- Aerospace ducted outdoor fan with a high efficiency motor for quiet and reliable operation.
- Composite **Vortica®** blower provides better airflow and less sound while using less energy.
- **Spine Fin™** outdoor coil for long lasting performance and durability.
- Right side electrical service for high and low voltage lines.
- Rugged steel basepan features deep drawn duct connections and emergency drains.
- Steeply sloped composite drainpan will empty fast and never rust.
- Ships in horizontal configuration and converts quickly for downflow.
- Complete set of customized electric heaters designed for all models. Features a polarized plug for easy installation.
- Optional filter rack kits fit inside the unit. Available for 1" or 2" media.
- Non-bleed expansion valves on indoor and outdoor coils.
- Direct drive 2 and 3 speed indoor blower motors.
- Pressure taps easily accessed and protected inside compressor compartment.
- Easy access liquid line tap inside compressor compartment.
- Standard operation to 55°F as manufactured.
- Low ambient cooling to 0°F with kit.
- UL approved and listed.
- **20 year heat exchanger, 10 year compressor, 10 year outdoor coil, and 5 years other parts limited warranty. (Residential Use Only)**
- **Optional extended warranty.**

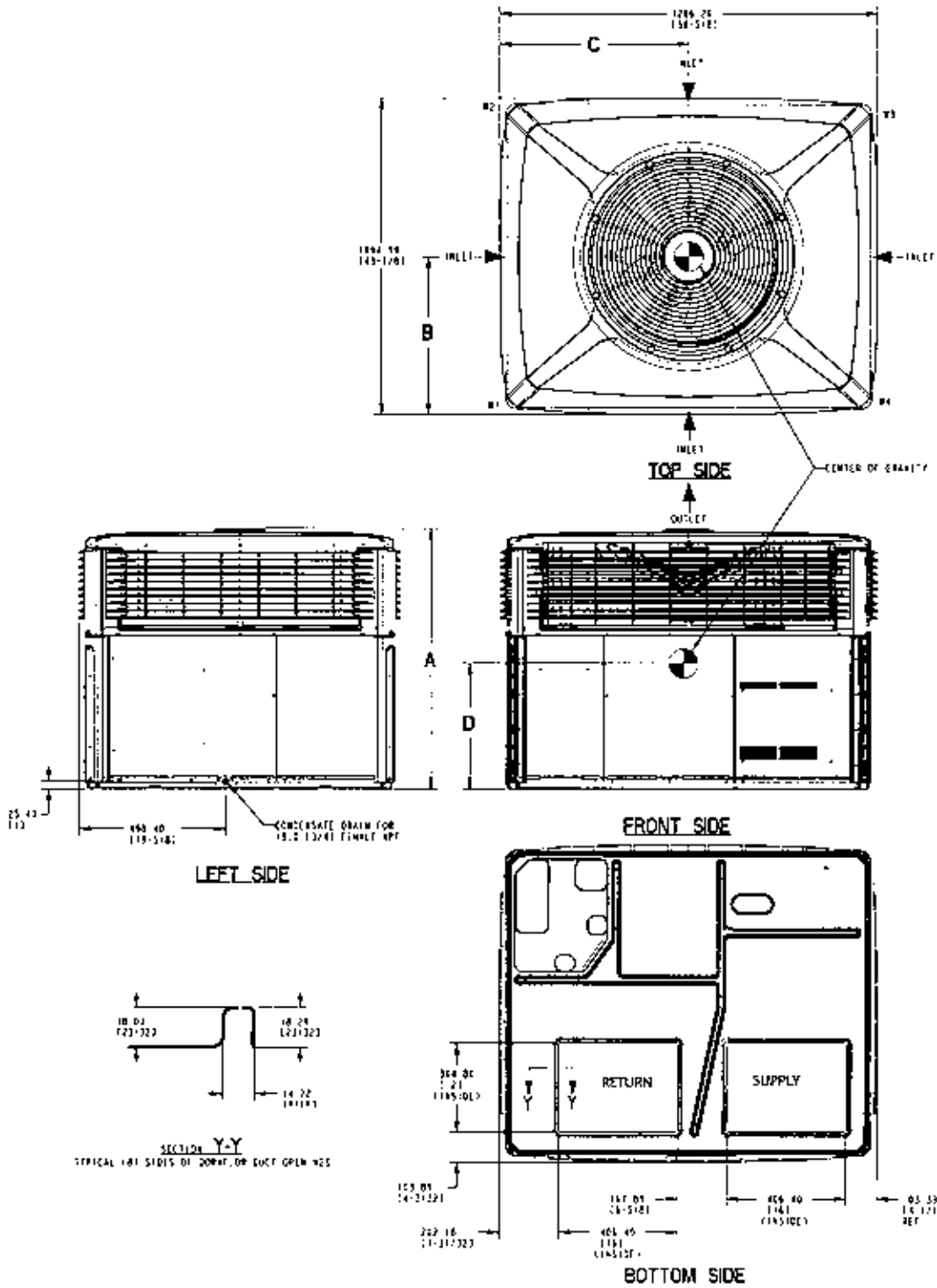
**Table PC-1-A — 4TCX - Allegiance® 13- Convertible Package Cooling - R-410A**

Model Number	Capacity	SEER/EER	Shipping Weight	MCA	Max Fuse	Sound Rating	Cabinet Dimensions (in.)	
							H	W x L
<b>4TCX – 208/230/1/60</b>								
4TCX3018A1000A	18,800	13.65/11.20	444	10.1	15	69	36	51 x 43
4TCX3024A1000A	24,800	13.30/11.00	444	13.6	20	72	36	51 x 43
4TCX3030A1000A	29,800	13.15/11.65	445	21.7	35	72	36	51 x 43
4TCX3036A1000A	36,200	13.30/11.00	450	23.2	35	72	36	51 x 43
4TCX3042A1000A	43,500	13.05/11.00	523	27.9	45	72	38	46 x 61
4TCX3048A1000A	46,500	13.15/11.00	607	31.1	50	72	38	46 x 61
4TCX3060A1000A	60,500	13.40/11.05	610	43.3	60	72	40	46 x 61
<b>4TCX – 208/230/3/60</b>								
4TCX3036A3000A	36,200	13.30/11.00	450	18.2	30	72	36	51 x 43
4TCX3048A3000A	46,500	13.14/11.00	607	23.6	35	72	38	46 x 61
4TCX3060A3000A	60,500	13.40/11.05	610	31.5	50	72	40	46 x 61
<b>4TCX – 460/3/60</b>								
4TCX3036A4000A	36,200	13.30/11.00	450	8.7	15	72	36	51 x 43
4TCX3048A4000A	46,500	13.15/11.00	607	11.7	15	72	38	46 x 61
4TCX3060A4000A	60,500	13.40/11.00	610	19.3	25	79	40	46 x 61

**For information on Roof Curbs and Roof Curb Adaptors,  
please refer to the Accessories/Information Tab.**

# Package Cooling Convertible 1½ through 5 Tons

4TCX3018A through 4TCX3036A



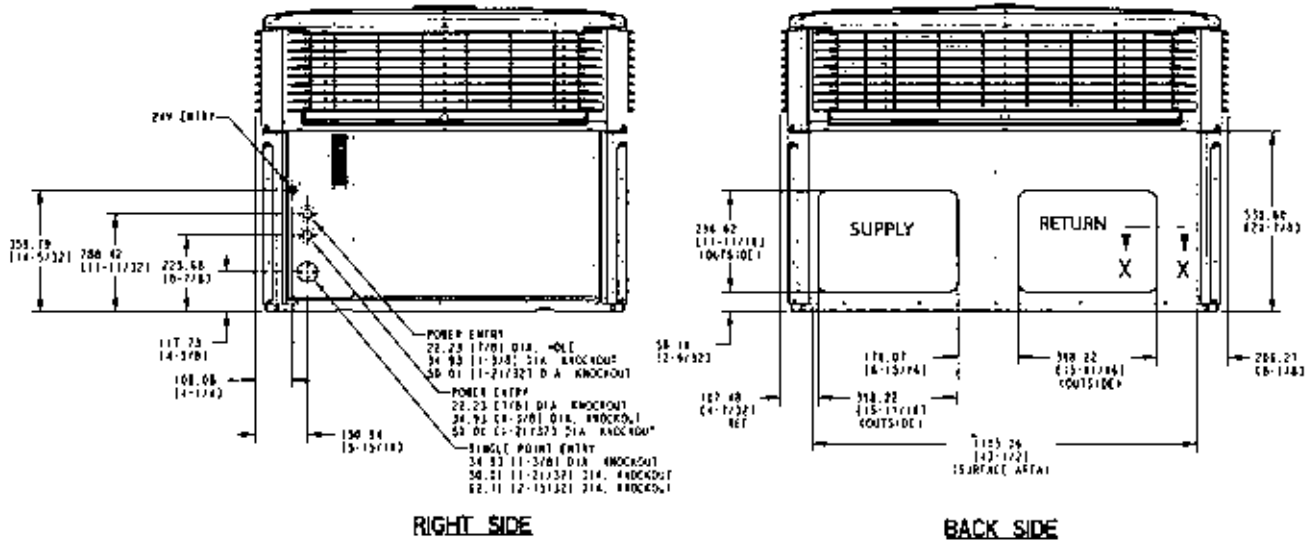
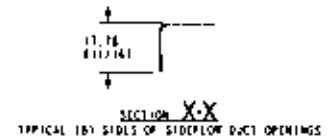
**For information on Roof Curbs and Roof Curb Adaptors, please refer to the Accessories/Information Tab.**

## Package Cooling Convertible 1½ through 5 Tons

4TCX3018A through 4TCX3036A

RECOMMENDED SERVICE CLEARANCE			
		WITH 0 A DAMPER/EGOC	WITH 2 POS DAMPER
BACK SIDE	304.8 [122]	-	859.4 [324]
LEFT SIDE	762.0 [303]	1066.8 [423]	-
RIGHT SIDE	609.6 [243]	-	-
FRONT SIDE	762.0 [303]	-	-

CLEARANCE TO COMBUSTIBLE MATERIAL	
BOTTOM	0
BACK SIDE	25.4 [11]
LEFT SIDE	152.4 [61]
RIGHT SIDE	152.4 [61]
FRONT SIDE	304.8 [121]
TOP	814.4 [321]

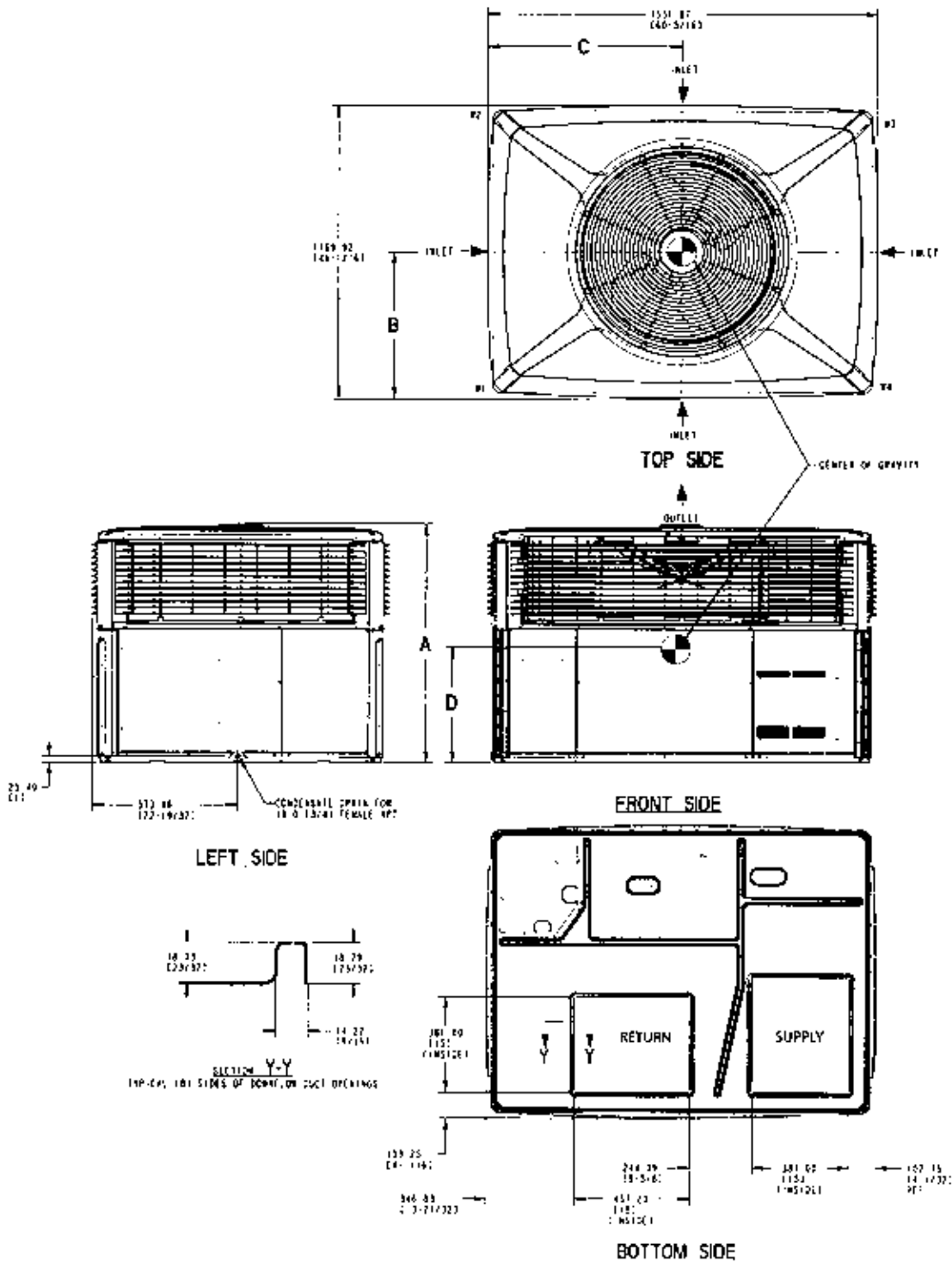


MODEL	HEIGHT A	APPROX. CORNER WEIGHT - KG/LBS				TOTAL WEIGHT KG/LBS	CENTER OF GRAVITY	
		B1	B2	B3	B4		B	C
4TC3018	903.29 [35-9/16]	38 [79]	57 [125]	40 [88]	25 [56]	158 [348]	635 [25.0]	508 [20.0]
4TC3024		36 [79]	57 [125]	40 [88]	25 [56]	158 [348]	635 [25.0]	508 [20.0]
4TC3030		36 [79]	57 [125]	40 [88]	25 [56]	158 [349]	635 [25.0]	508 [20.0]
4TC3036		36 [78]	56 [124]	41 [89]	26 [56]	161 [354]	635 [25.0]	508 [20.0]
4TC3015		36 [78]	56 [124]	41 [89]	26 [56]	158 [348]	635 [25.0]	515.6 [20.3]
2WC3224		36 [80]	58 [127]	42 [92]	26 [58]	162 [357]	635 [25.0]	515.6 [20.3]
2WC3032		37 [81]	58 [128]	41 [91]	26 [57]	162 [358]	635 [25.0]	508 [20.0]
2WC3036		38 [84]	61 [134]	43 [94]	27 [60]	169 [372]	635 [25.0]	508 [20.0]

For information on Roof Curbs and Roof Curb Adaptors, please refer to the Accessories/Information Tab.

# Package Cooling Convertible 1½ through 5 Tons

4TCX3042A through 4TCX3060A



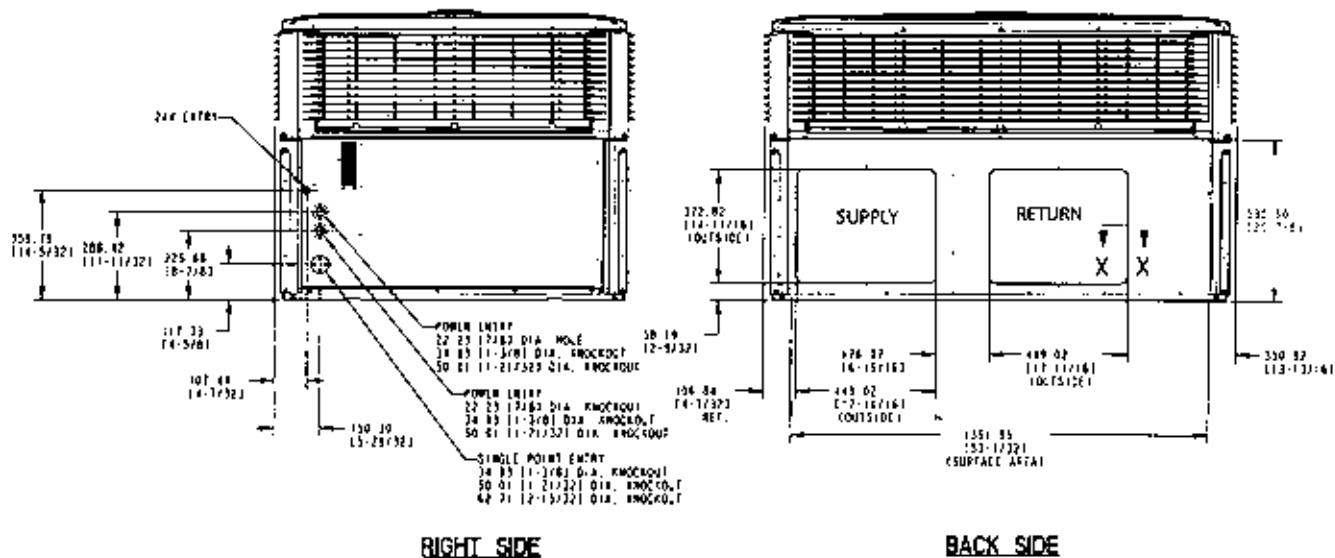
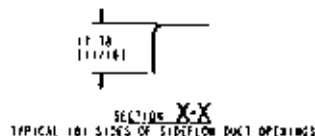
**For information on Roof Curbs and Roof Curb Adaptors, please refer to the Accessories/Information Tab.**

## Package Cooling Convertible 1½ through 5 Tons

### 4TCX3042A through 4TCX3060A

RECOMMENDED SERVICE CLEARANCE			
		WITH O. R. DAMPER/COIL	WITH 2 PDS. DAMPLR
BACK SIDE	304.0 [124]	-	403.6 [124]
LEFT SIDE	162.0 [130]	158.8 [47]	-
RIGHT SIDE	403.6 [124]	-	-
FRONT SIDE	162.0 [130]	-	-

CLEARANCE TO COMBUSTIBLE MATERIAL	
SECTION	D
BACK SIDE	25.4 [11]
LEFT SIDE	152.4 [16]
RIGHT SIDE	152.4 [16]
FRONT SIDE	304.8 [112]
TOP	914.4 [134]

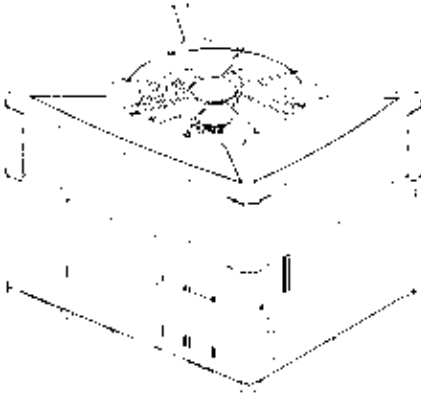


MODEL	HEIGHT	APPROX. CORNER WEIGHTS - KG/LBS				TOTAL WEIGHT KG/LBS	CENTER OF GRAVITY	
		#1	#2	#3	#4		B	C
4TCX3042	954.10 [37-9/16]	41 [90]	62 [137]	46 [102]	30 [67]	179 [395]	673.1 [26.5]	629.92 [24.8]
4TCX3048		47 [105]	76 [168]	58 [127]	36 [79]	217 [479]	685.8 [27.0]	635 [25.0]
4TCX3060	1004.90 [39-9/16]	46 [102]	78 [172]	59 [130]	35 [77]	219 [482]	698.5 [27.5]	635 [25.0]
2WC1042	954.10 [37-9/16]	42 [92]	63 [138]	46 [102]	31 [69]	182 [401]	668.02 [26.3]	629.92 [24.8]
2WC1048		44 [96]	66 [146]	49 [109]	33 [73]	193 [425]	668.02 [26.3]	629.92 [24.8]
4WC1048		41 [90]	69 [152]	52 [115]	31 [68]	193 [425]	698.5 [27.5]	635 [25.0]
2WC1060	1055.70 [41-9/16]	48 [105]	80 [177]	61 [134]	36 [79]	225 [495]	698.5 [27.5]	635 [25.0]
4WC1060	1004.90 [39-9/16]	47 [104]	79 [175]	60 [132]	36 [76]	222 [490]	698.5 [27.5]	635 [25.0]

For information on Roof Curbs and Roof Curb Adaptors, please refer to the Accessories/Information Tab.

*American  
Standard*

## Package Cooling Convertible 1½ through 5 Tons



- All steel louvers and cabinet for rugged, long lasting protection.
- Weather Beater Top contoured for great appearance and reinforced for strength.

- Quiet operation delivers great in-home comfort with minimal sound.
- Appliance grade finish of durable powder paint baked on both sides of the panels.
- Exclusive **Duration™** high efficiency compressor with internal overload protection.
- High efficiency outdoor fan motor for quiet and reliable operation.
- Composite **Vortica®** blower provides better airflow and less sound while using less energy.
- **Spine Fin™** outdoor coil for long lasting performance and durability.
- Right side electrical service for high and low voltage lines.
- Rugged steel basepan features deep drawn duct connections and emergency drains.
- Steeply sloped composite drainpan will empty fast and never rust.
- Ships in horizontal configuration and converts quickly for downflow.
- Complete set of customized electric heaters designed for all models. Features a polarized plug for easy installation.
- Optional filter rack kits fit inside the unit. Available for 1" or 2" media.
- Non-bleed expansion valves on indoor and outdoor coils.
- Direct drive 2 and 3 speed indoor blower motors.
- Pressure taps easily accessed and protected inside compressor compartment.
- Easy access liquid line tap inside compressor compartment.
- Standard operation to 55°F as manufactured.
- Low ambient cooling to 0°F with kit.
- UL approved and listed.
- **5 year compressor and 5 years other parts limited warranty. (Residential Use Only)**
- **Optional extended warranty.**

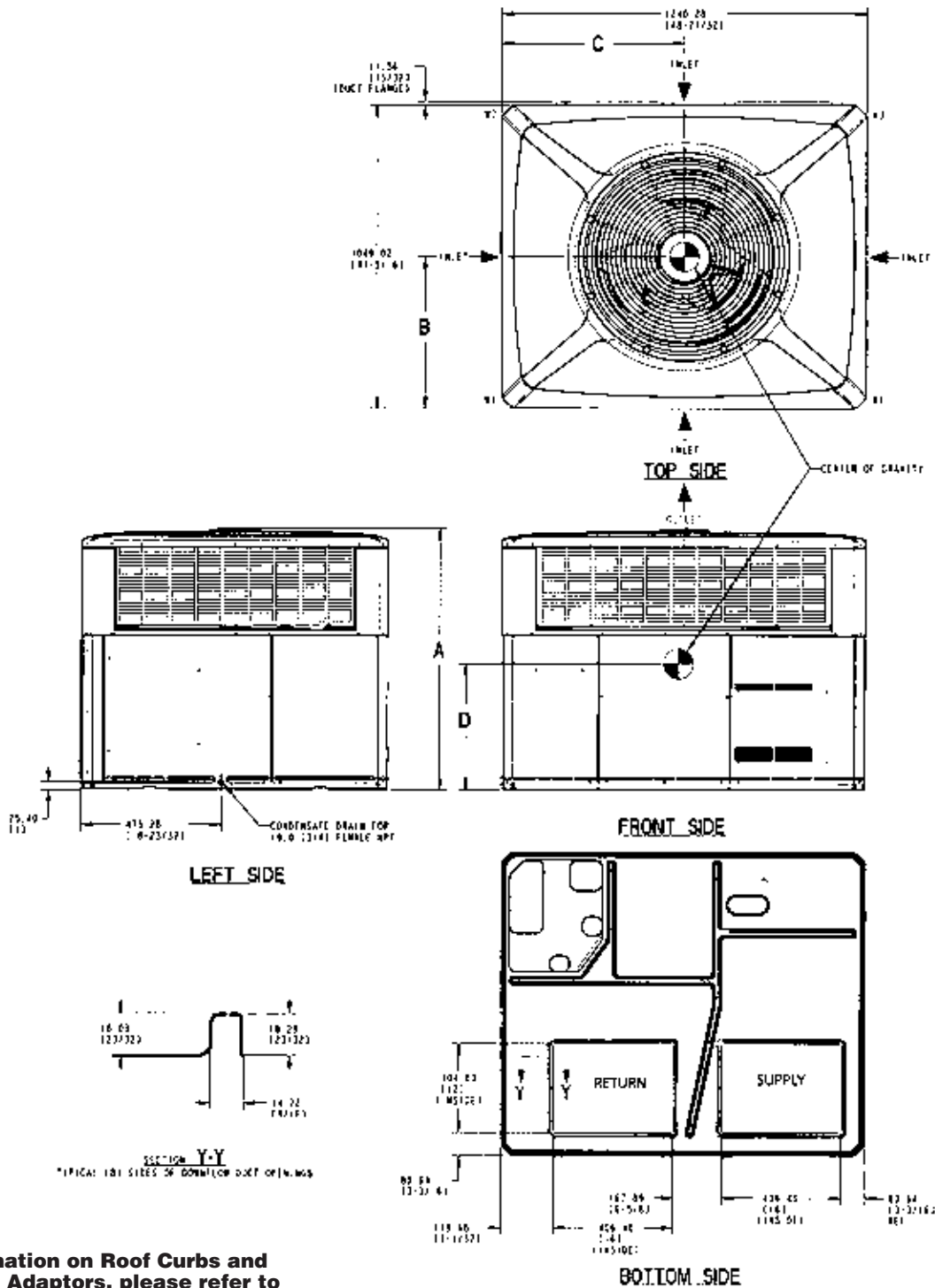
**Table PC-6-A — 4TCC - Allegiance® 13 - Convertible Package Cooling - R-410A**

Model Number	Capacity	SEER/EER	Shipping Weight	MCA	Max Fuse	Sound Rating	Cabinet Dimensions (in.) H x W x L
<b>4TCC – 208/230/1/60</b>							
4TCC3018A1000A	18,000	13.0/11.00	444	10.1	15	74	36 x 49 x 42
4TCC3024A1000A	23,000	13.0/11.00	444	13.6	20	76	36 x 49 x 42
4TCC3030A1000A	28,000	13.0/11.00	445	21.7	35	75	36 x 49 x 42
4TCC3036A1000A	35,000	13.0/11.00	450	23.2	35	76	36 x 49 x 42
4TCC3042A1000A	40,000	13.0/11.00	523	27.9	45	78	38 x 59 x 44
4TCC3048A1000A	46,500	13.0/11.00	607	31.1	50	80	38 x 59 x 44
4TCC3060A1000A	58,000	13.0/11.00	610	43.3	60	79	40 x 59 x 44
<b>4TCC – 208/230/3/60</b>							
4TCC3036A3000A	35,000	13.0/11.00	450	18.2	30	76	36 x 49 x 42
4TCC3048A3000A	46,500	13.0/11.00	607	23.6	35	80	38 x 59 x 44
4TCC3060A3000A	58,000	13.0/11.00	610	31.5	50	79	40 x 59 x 44
<b>4TCC – 460/3/60</b>							
4TCC3036A4000A	35,000	13.0/11.00	450	8.7	15	76	36 x 49 x 42
4TCC3048A4000A	46,500	13.0/11.00	607	11.7	15	80	38 x 59 x 44
4TCC3060A4000A	58,000	13.0/11.00	610	19.3	25	79	40 x 59 x 44

**For information on Roof Curbs and Roof Curb Adaptors,  
please refer to the Accessories/Information Tab.**

# Package Cooling Convertible 1½ through 5 Tons

4TCC3018A through 4TCC3036A



**For information on Roof Curbs and Roof Curb Adaptors, please refer to the Accessories/Information Tab.**

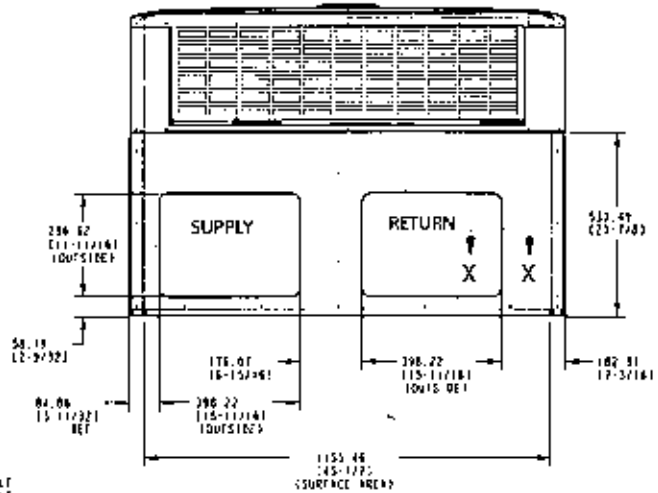
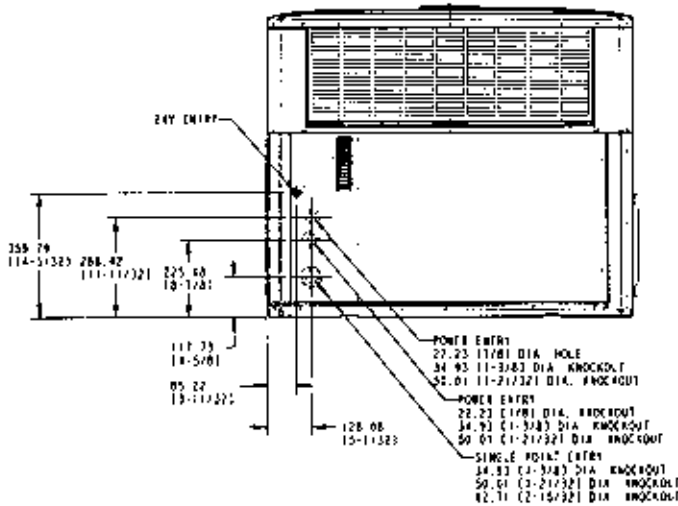
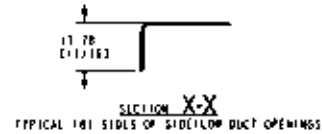


## Package Cooling Convertible 1½ through 5 Tons

4TCC3018A through 4TCC3036A

RECOMMENDED SERVICE CLEARANCE			
		WITH O.A. DAMPLIFECOM	WITH 2 POS DAMPER
BACK SIDE	354.0 (122)	-	609.6 (241)
LEFT SIDE	767.0 (1301)	1066.0 (1423)	-
RIGHT SIDE	609.6 (1241)	-	-
FRONT SIDE	762.0 (1301)	-	-

CLEARANCE TO COMBUSTIBLE MATERIAL	
BOTTOM	0
BACK SIDE	25.4 (11)
LEFT SIDE	152.4 (16)
RIGHT SIDE	152.4 (16)
FRONT SIDE	304.8 (122)
TOP	614.4 (242)

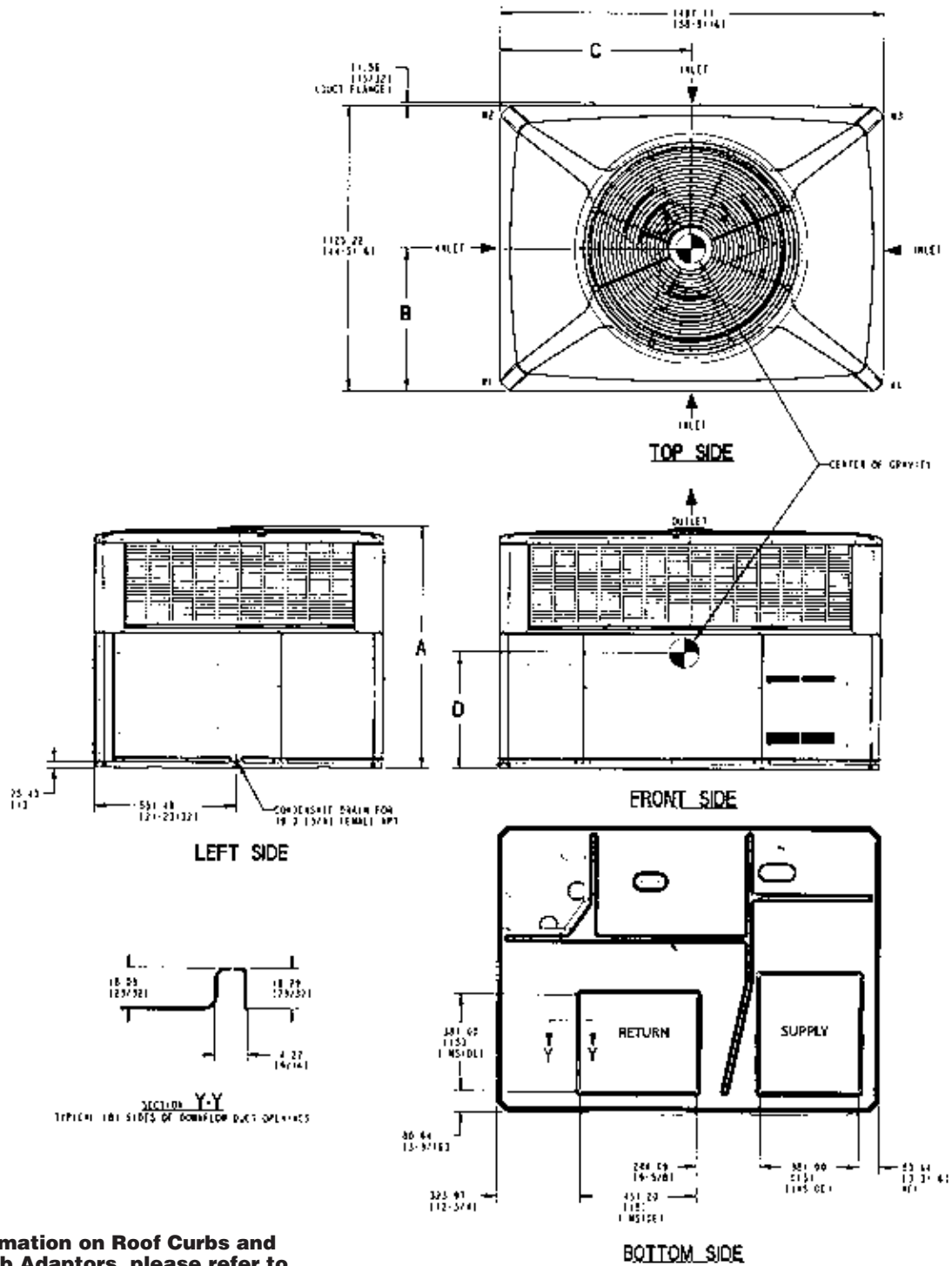


MODEL	HEIGHT	APPROX CORNER WEIGHT - KG/LBS				TOTAL WEIGHT - KG/LBS	CENTER OF GRAVITY	
		W1	W2	W3	W4		S	C
4TCC018	903.29 (35-9/16)	36 [79]	57 [125]	40 [88]	25 [56]	158 [348]	635 [25.0]	508 [20.0]
4TCC024		36 [79]	57 [125]	40 [88]	25 [56]	158 [348]	635 [25.0]	508 [20.0]
4TCC030		36 [79]	57 [125]	40 [88]	25 [56]	158 [349]	635 [25.0]	508 [20.0]
4TCC036		36 [78]	56 [124]	41 [89]	26 [56]	161 [354]	635 [25.0]	508 [20.0]
4TCC042		36 [78]	56 [124]	41 [89]	26 [56]	158 [348]	635 [25.0]	515.6 [20.3]
4TCC048		36 [80]	58 [127]	42 [92]	26 [58]	162 [357]	635 [25.0]	515.6 [20.3]
4TCC054		37 [81]	58 [128]	41 [91]	26 [57]	162 [358]	635 [25.0]	508 [20.0]
4TCC060		38 [84]	61 [134]	43 [94]	27 [60]	169 [372]	635 [25.0]	508 [20.0]

For information on Roof Curbs and Roof Curb Adaptors, please refer to the Accessories/Information Tab.

# Package Cooling Convertible 1½ through 5 Tons

4TCC3042A through 4TCC3060A



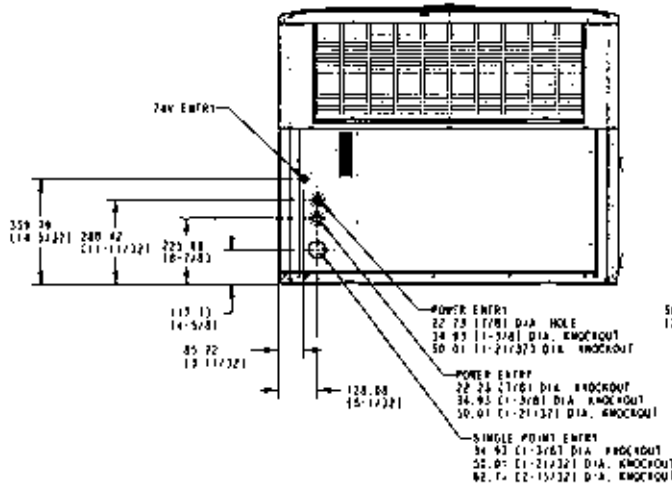
**For information on Roof Curbs and Roof Curb Adaptors, please refer to the Accessories/Information Tab.**

## Package Cooling Convertible 1½ through 5 Tons

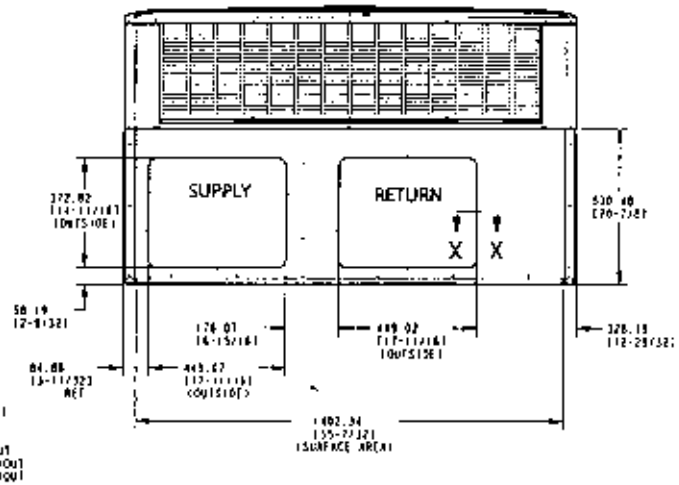
4TCC3042A through 4TCC3060A

RECOMMENDED SERVICE CLEARANCE			
		WITH 0 K. DAMPER/COIL	WITH 2 POS. DAMPER
BACK SIDE	384.8 C-21	-	609.6 C-21
LEFT SIDE	762.0 C-01	1066.8 C-21	-
RIGHT SIDE	688.8 C-21	-	-
FRONT SIDE	762.0 C-01	-	-

CLEARANCE TO COMBUSTIBLE MATERIAL	
BOTTOM	0
BACK SIDE	25.4 C-2
LEFT SIDE	152.4 C-61
RIGHT SIDE	152.4 C-61
FRONT SIDE	384.8 C-21
TOP	914.4 C-61



RIGHT SIDE



BACK SIDE

MODEL	HEIGHT	APPROX. CORNER HEIGHT - EG/LBS					TOTAL WEIGHT EG/LBS	CENTER OF GRAVITY	
	A	B1	B2	B3	B4	B		C	
4TCC042	954.10 [37-9/16]	41 [30]	62 [137]	46 [102]	30 [67]	179 [395]	673.1 [26.5]	629.92 [24.8]	
4TCC048		47 [105]	76 [168]	58 [127]	36 [79]	217 [479]	685.0 [27.0]	635 [25.0]	
4TCC060	1004.90 [39-9/16]	46 [102]	78 [172]	59 [130]	35 [77]	219 [482]	698.5 [27.5]	635 [25.0]	
2WCC047	954.10 [37-9/16]	42 [92]	63 [138]	48 [102]	31 [69]	182 [401]	688.02 [26.3]	629.92 [24.8]	
2WCC048		44 [98]	66 [146]	49 [109]	33 [73]	193 [425]	688.02 [26.3]	629.92 [24.8]	
4WCC048		41 [30]	69 [152]	52 [115]	31 [68]	193 [425]	698.5 [27.5]	635 [25.0]	
2WCC067	1055.70 [41-9/16]	48 [105]	80 [177]	61 [134]	36 [79]	225 [495]	698.5 [27.5]	635 [25.0]	
4WCC062	1004.90 [39-9/16]	47 [104]	79 [175]	60 [132]	36 [76]	222 [490]	698.5 [27.5]	635 [25.0]	

For information on Roof Curbs and Roof Curb Adaptors, please refer to the Accessories/Information Tab.



# Package Cooling Convertible 1½ through 5 Tons

**Table PC-11-A — Accessories**

	<b>4TCX3 1½-5</b>	<b>4TCC3 1½-5</b>
BAYADAP050A ..... Adapter Curb (Cabinet A/B) .....	1½-3	1½-3
BAYADAP051A ..... Adapter Curb (Cabinet C) .....	1½-3	1½-3
BAYADAP052A ..... Adapter Curb (Cabinet A/B) .....	3½-5	3½-5
BAYADAP053A ..... Adapter Curb (Cabinet C) .....	3½-5	3½-5
BAYADAP054A ..... Adapter Curb (Cabinet D) .....	3½-5	3½-5
BAYCCHT101A ..... Crankcase Heater (230V) .....	1½-2	1½-2
BAYCCHT102A ..... Crankcase Heater (230V) .....	2½-5	2½-5
BAYCCHT104A ..... Crankcase Heater (460V) .....	3,4,5	3,4,5
BAYCOVR112A ..... 12" Duct Shourd (Covers Horizontal Ducts)® .....	1½-3	1½-3
BAYCOVR118A ..... 18" Duct Shourd (Covers Horizontal Ducts)® .....	1½-3	1½-3
BAYCURB050A ..... Flat Roof Curb (Insulated)Ⓢ .....	1½- 3	1½- 3
BAYCURB051A ..... Flat Roof Curb (Insulated)Ⓢ .....	3½-5	3½-5
BAYDMPR101A ..... 2-Position Motorized Damper .....	1½- 3	1½- 3
BAYDMPR102A ..... 2-Position Motorized Damper .....	3½-5	3½-5
BAYECON101A ..... Economizer with Barometric Relief①③④⑦ .....	1½- 3	1½- 3
BAYECON102A ..... Economizer with Barometric Relief①③④⑦ .....	3½-5	3½-5
BAYECON200A ..... Economizer (Horizontal)①③⑦ .....	1½- 3	1½- 3
BAYECON201A ..... Economizer (Horizontal)①③⑦ .....	3½-5	3½-5
BAYENTH100A ..... Enthalpy Control KitⓈ .....	✓	✓
BAYEXMK001A ..... Extreme Conditions Mounting Kit (Used on BAYCURB & BAYADAP) .....	✓	✓
BAYEXMK002A ..... Extreme Conditions Mounting Kit (Used on BAYUTIL) .....	✓	✓
BAYEXMK003A ..... Extreme Conditions Mounting Kit (Used on Slab Mounts) .....	✓	✓
BAYFLTR101A ..... 1-2" Filter FrameⓈ .....	1½- 3	1½- 3
BAYFLTR201A ..... 1-2" Filter FrameⓈ .....	3½-4	3½-4
BAYLIFT002BA ..... Lifting Lug Kit .....	✓	✓
BAYLOAM011A ..... Evaporator Defrost Control Kit .....	✓	✓
BAYLOAM105A ..... Low Ambient Control Kit .....	✓	✓
BAYOSAH001A ..... Manual Fresh Air Damper①④ .....	1½-3	1½-3
BAYOSAH002A ..... Manual Fresh Air Damper①④ .....	3½-5	3½-5
BAYQSTK300A ..... Quick Start Kit .....	1 Phase Only	1 Phase Only
BAYSQRD001A ..... 16" Round Duct AdapterⓈ .....	1½-3	1½-3
BAYSQRD002A ..... 18" Round Duct AdapterⓈ .....	1½-5	1½-5
BAYUTIL101A ..... Roof Curb Utility Extension Kit .....	1½-3	1½-3
BAYUTIL102A ..... Roof Curb Utility Extension Kit .....	3½-5	3½-5

- ① Must use filter frame when economizer/fresh air kit is used.
- ② Ships knocked down.
- ③ Dry bulb control standard with economizer.
- ④ Downflow Only.
- ⑤ Full perimeter curb for 4TC\*3018-036A.
- ⑥ Full perimeter curb for 4TC\*3042-060A.
- ⑦ 2-Stage thermostat provides additional energy savings if simultaneous economizer and compressor operation is expected.
- ⑧ Do not use with programmable thermostats.
- ⑨ It is the responsibility of the installing dealer to properly size the ductwork for each specific application.
- ⑩ BAYCOVR112,118A will not cover BAYSQRD002A applications

**For information on Roof Curbs and Roof Curb Adaptors,  
please refer to the Accessories/Information Tab.**



# Package Cooling Convertible 1½ through 5 Tons

**Table PH-12-A — Supplementary Heaters – Separate power source /power entry required**

Model Number	Description	Used With	Shipping Weight
BAYHTRV105A	3.76/5.0 kW Heater (208/240V 1PH)	4TC*3018-060A1	9
BAYHTRV110A	7.50/10.0 kW Heater (208/240V 1PH)	4TC*3024-060A1	10
BAYHTRV115A	11.27/15.00 kW Heater (208/240V 1PH)	4TC*3030-060A1	14
BAYHTRV120A	15.00/20.0 kW Heater (208/240V 1PH)	4TC*3048-060A1	14
BAYHTRV305A	3.76/5.0 kW Heater (208/240V 3PH)	4TC*3018-060A3	9
BAYHTRV310A	7.50/10.0 kW Heater (208/240V 3PH)	4TC*3024-060A3	10
BAYHTRV315A	11.27/15.00 kW Heater (208/240V 3PH)	4TC*3030-060A3	14
BAYHTRV320A	15.0/20.0 kW Heater (208/240V 3PH)	4TC*3048-060A3	14
BAYHTRV405A	3.76/5.0 kW Heater (460V 3PH)	4TC*3018-060A4	9
BAYHTRV410A	7.50/10.0 kW Heater (460V 3PH)	4TC*3024-060A4	10
BAYHTRV415A	11.27/15.00 kW Heater (460V 3PH)	4TC*3030-060A4	14
BAYHTRV420A	15.0/20.0 kW Heater (460V 3PH)	4TC*3048-060A4	14

**Table PH-12-B — Single Power Entry Kit/Heater Matrix:**

Single Power Entry Kit <sup>Ⓞ</sup>	Heater Model	Unit Model	Shipping Weight
BAYSPEK060A	BAYHTRV105A	4TC*3018-048A1	3
	BAYHTRV110A	4TC*3024-048A1	
BAYSPEK061A	BAYHTRV305A	4TC*3036-060A3	7
	BAYHTRV310A	4TC*3036-048A3	
	BAYHTRV315A	4TC*3036-060A3	
	BAYHTRV405A	4TC*3036-060A4	
	BAYHTRV410A	4TC*3036-060A4	
	BAYHTRV415A	4TC*3036-060A4	
	BAYHTRV420A	4TC*3048-060A4	
	BAYSPEK062A	BAYHTRV105A	
BAYHTRV110A	4TC*3060A1		
BAYSPEK063A	BAYHTRV115A	4TC*3030-060A1	7
	BAYHTRV120A	4TC*3048-060A1	
BAYSPEK064A	BAYHTRV320A	4TC*3048-060A3	6

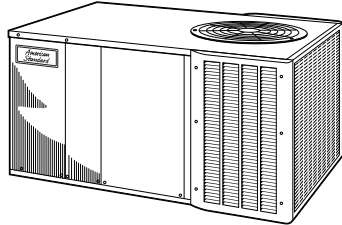
Ⓞ All necessary fuses are included in kit

**For information on Roof Curbs and Roof Curb Adaptors,  
please refer to the Accessories/Information Tab.**



# Package Cooling Convertible 2 through 5 Tons

TCY — 14 SEER



TCX — 12 SEER

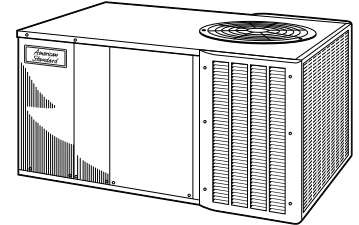


Table PC-13-A — TCY — Convertible Package Cooling

Unit Model No.	SEER/EER*	Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x W x L	Supply/Return Downflow W x L	Supply/Return Horizontal H x W	Shipping Weight (lbs.)	MCA*	Max Fuse*	Sound Rating	Compressor
<b>TCY — 208-230/1/60</b>										
TCY024G100B	14.00/12.00	24,000	29 x 36 x 56 (B)	17 <sup>1</sup> / <sub>2</sub> x 10	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	371	15.9	25	80	R1
TCY030G100A	13.00/11.00	30,600	29 x 36 x 56 (B)	17 <sup>1</sup> / <sub>2</sub> x 10	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	382	21.4	30	80	R2
TCY036G100A	14.10/12.00	36,000	29 x 36 x 64 (C)	17 <sup>1</sup> / <sub>2</sub> x 10	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	448	24.8	35	80	R2
TCY042G100A	14.00/11.70	41,500	29 x 36 x 64 (C)	17 <sup>1</sup> / <sub>2</sub> x 10	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	448	26.7	40	80	R2
TCY048G100A	14.40/12.20	49,000	33 x 45 x 65 (D)	20 x 14	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	561	32.7	50	84	R2
TCY060G100A	13.00/11.00	61,000	33 x 45 x 65 (D)	20 x 14	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	566	46.8	60	84	S

Table PC-13-B — TCX — Convertible Package Cooling

Unit Model No.	SEER/EER*	Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x W x L	Supply/Return Downflow W x L	Supply/Return Horizontal H x W	Shipping Weight (lbs.)	MCA*	Max Fuse*	Sound Rating	Compressor
<b>TCX — 208-230/1/60</b>										
TCX024G100B	12.00/10.50	24,500	25 x 36 x 56 (A)	17 <sup>1</sup> / <sub>2</sub> x 10	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	351	14.6	20	80	R1
TCX030G100A	12.05/10.90	30,600	29 x 36 x 56 (B)	17 <sup>1</sup> / <sub>2</sub> x 10	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	363	21.2	30	80	S
TCX036G100A	12.05/10.50	37,000	29 x 36 x 56 (B)	17 <sup>1</sup> / <sub>2</sub> x 10	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	374	24.4	40	80	S
TCX042G100A	12.05/10.55	43,000	29 x 36 x 56 (B)	17 <sup>1</sup> / <sub>2</sub> x 10	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	384	26.8	40	80	S
TCX048G100A	12.50/11.45	48,000	33 x 45 x 65 (D)	20 x 14	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	480	31.9	50	84	S
TCX060G100A	12.05/10.55	61,500	33 x 45 x 65 (D)	20 x 14	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	507	45.0	70	84	S
<b>TCX — 208-230/3/60</b>										
TCX036G300A	12.05	37,000	29 x 36 x 56 (B)	17 <sup>1</sup> / <sub>2</sub> x 10	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	374	17.4	25	80	S
TCX042G300A	12.05	43,000	29 x 36 x 56 (B)	17 <sup>1</sup> / <sub>2</sub> x 10	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	384	19.9	30	80	S
TCX048G300A	12.50	48,000	33 x 45 x 65 (D)	20 x 14	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	480	24.5	35	84	S
TCX060G300A	12.05	61,500	33 x 45 x 65 (D)	20 x 14	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	507	30.6	45	84	S
<b>TCX — 460/3/60</b>										
TCX036G400A	12.05	37,000	29 x 36 x 56 (B)	17 <sup>1</sup> / <sub>2</sub> x 10	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	374	10.0	15	80	S
TCX048G400A	12.50	48,000	33 x 45 x 65 (D)	20 x 14	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	480	15.4	20	84	S
TCX060G400A	12.05	61,500	33 x 45 x 65 (D)	20 x 14	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	507	15.1	20	84	S

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.  
Compressor Types are: R1 = Reciprocating One Cylinder, R2 = Reciprocating Two Cylinder, S = Scroll

**For information on Roof Curbs and Roof Curb Adaptors,  
please refer to the Accessories/Information Tab.**

## Package Cooling Convertible 1½ through 5 Tons

TCP — 12 SEER  
TCC — 10 SEER

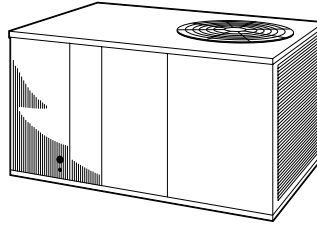


Table PC-14-A — TCP – Convertible Package Cooling

Unit Model No.	SEER/EER*	Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x W x L	Supply/Return Downflow W x L	Supply/Return Horizontal H x W	Shipping Weight (lbs.)	MCA*	Max Fuse*	Sound Rating	Compressor
<b>TCP – 208-230/1/60</b>										
TCP024F100B	12.10/10.50	24,500	25 x 36 x 56 (A)	17½ x 10	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	351	14.6	20	80	R1
TCP030F100A	12.00/10.90	30,000	29 x 36 x 56 (B)	17½ x 10	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	363	21.2	30	80	S
TCP036F100A	12.00/10.50	36,000	29 x 36 x 56 (B)	17½ x 10	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	374	24.4	40	80	S
TCP042F100A	12.00/11.45	42,000	29 x 36 x 56 (B)	17½ x 10	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	384	26.8	40	80	S
TCP048F100A	12.20/11.45	47,000	33 x 45 x 65 (D)	20 x 14	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	480	31.9	50	84	S
TCP060F100A	12.00/10.55	60,000	33 x 45 x 65 (D)	20 x 14	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	507	45	70	84	S
<b>TCP – 208-230/3/60</b>										
TCP036F300A	12.00	36,000	29 x 36 x 56 (B)	17½ x 10	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	374	17.4	25	80	S
TCP042F300A	12.00	42,000	29 x 36 x 56 (B)	17½ x 10	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	384	19.9	30	80	S
TCP048F300A	12.20	47,000	33 x 45 x 65 (D)	20 x 14	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	480	24.5	35	84	S
TCP060F300A	12.00	60,000	33 x 45 x 65 (D)	20 x 14	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	507	30.6	45	84	S
<b>TCP – 460/3/60</b>										
TCP036F400A	12.00	36,000	29 x 36 x 56 (B)	17½ x 10	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	374	10	15	80	S
TCP048F400A	12.20	47,000	33 x 45 x 65 (D)	20 x 14	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	480	15.4	20	84	S
TCP060F400A	12.00	60,000	33 x 45 x 65 (D)	20 x 14	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	507	15.1	20	84	S

Table PC-14-B — TCC – Convertible Package Cooling

Unit Model No.	SEER/EER*	Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x W x L	Supply/Return Downflow W x L	Supply/Return Horizontal H x W	Shipping Weight (lbs.)	MCA*	Max Fuse*	Sound Rating	Compressor
<b>TCC – 208-230/1/60</b>										
TCC018F100B	10.00/9.35	18,000	25 x 36 x 55 (A)	17½ x 10	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	319	15.0	20	80	R1
TCC024F100B	10.00/9.10	23,400	25 x 36 x 55 (A)	17½ x 10	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	327	17.7	25	80	R1
TCC030F100B	10.00/9.10	29,800	29 x 36 x 55 (B)	17½ x 10	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	354	22.7	35	80	R1
TCC042F100B	10.00/8.60	40,500	29 x 36 x 55 (B)	17½ x 10	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	389	31.2	50	80	R2
TCC048F100B	10.00/9.25	48,000	33 x 45 x 64 (D)	20 x 14	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	513	37.0	55	84	R2
TCC060F100B	10.00/9.20	60,000	33 x 45 x 64 (D)	20 x 14	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	547	43.9	70	84	R2
<b>TCC – 208-230/3/60 - LIMITED AVAILABILITY 3 PHASE ONLY, 2006.</b>										
TCC036F300B	10.00	35,400	29 x 36 x 55 (B)	17½ x 10	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	369	19.9	30	80	R1/2
TCC042F300B	10.00	40,500	29 x 36 x 55 (B)	17½ x 10	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	389	22.9	35	80	R2
TCC048F300B	10.00	48,000	33 x 45 x 64 (D)	20 x 14	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	513	27.0	40	84	R2
TCC060F300B	10.00	60,000	33 x 45 x 64 (D)	20 x 14	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	547	31.0	45	84	R2
<b>TCC – 460/3/60 - LIMITED AVAILABILITY 3 PHASE ONLY, 2006.</b>										
TCC036F400B	10.00	35,400	29 x 36 x 55 (B)	17½ x 10	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	369	10.5	15	80	R1/2
TCC048F400B	10.00	48,000	33 x 45 x 64 (D)	20 x 14	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	513	12.7	20	84	R2
TCC060F400B	10.00	60,000	33 x 45 x 64 (D)	20 x 14	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	547	16.3	25	84	R2

\* Information subject to change. Please confirm with current

Product Data/Service Facts for current factory production.

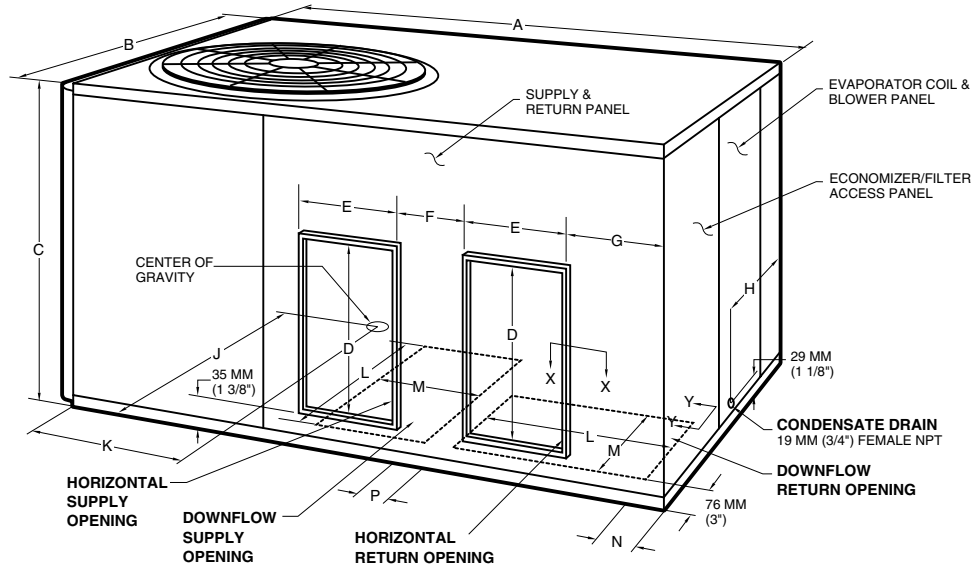
Note: TCC-F models currently manufactured with sloped drain pans.

Compressor Types are: R1 = Reciprocating One Cylinder, R2 = Reciprocating Two Cylinder, S = Scroll

**For information on Roof Curbs and Roof Curb Adaptors,  
please refer to the Accessories/Information Tab.**



## Package Cooling Convertible 1½ through 5 Tons



**Table PC-15-A — TCY — Dimensional Data**

Model	A	B	C	D	E	F	G	H	J	K	L	M	N	P	BAYCURBO
TCY024G	56½	36	29 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	6 <sup>13</sup> / <sub>16</sub>	17	21	25 <sup>3</sup> / <sub>8</sub>	17½	10	3	4 <sup>7</sup> / <sub>16</sub>	30A, 38A
TCY030G	56½	36	29 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	6 <sup>13</sup> / <sub>16</sub>	17	21	24 <sup>3</sup> / <sub>8</sub>	17½	10	3	4 <sup>7</sup> / <sub>16</sub>	30A, 38A
TCY036G	64	36	29 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>8</sub>	17	19¼	27½	17½	10	3	8 <sup>3</sup> / <sub>4</sub>	30A, 38A, 33A
TCY042G	64	36	29 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>8</sub>	17	19¼	27½	17½	10	3	8 <sup>3</sup> / <sub>4</sub>	30A, 38A, 33A
TCY048G	65¼	45	33 <sup>3</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>16</sub>	15 <sup>1</sup> / <sub>16</sub>	4 <sup>15</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	21 <sup>15</sup> / <sub>16</sub>	25¼	28½	20	14	3½	8 <sup>5</sup> / <sub>16</sub>	30A, 38A, 34A
TCY060G	65¼	45	33 <sup>3</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>16</sub>	15 <sup>1</sup> / <sub>16</sub>	4 <sup>15</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	21 <sup>15</sup> / <sub>16</sub>	25¼	28½	20	14	3½	8 <sup>5</sup> / <sub>16</sub>	30A, 38A, 34A

**Table PC-15-B — TCX — Dimensional Data**

Model	A	B	C	D	E	F	G	H	J	K	L	M	N	P	BAYCURBO
TCX024G	56½	36	25 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	6 <sup>13</sup> / <sub>16</sub>	17	21	24¼	17½	10	3	4 <sup>7</sup> / <sub>16</sub>	30A, 38A
TCX030G	56½	36	29 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	6 <sup>13</sup> / <sub>16</sub>	17	21	24 <sup>7</sup> / <sub>8</sub>	17½	10	3	4 <sup>7</sup> / <sub>16</sub>	30A, 38A
TCX036G	56½	36	29 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	6 <sup>13</sup> / <sub>16</sub>	17	20½	25¼	17½	10	3	4 <sup>7</sup> / <sub>16</sub>	30A, 38A
TCX042G	56½	36	29 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	6 <sup>13</sup> / <sub>16</sub>	17	20½	25 <sup>7</sup> / <sub>8</sub>	17½	10	3	4 <sup>7</sup> / <sub>16</sub>	30A, 38A
TCX048G	65¼	45	33 <sup>3</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>16</sub>	15 <sup>1</sup> / <sub>16</sub>	4 <sup>15</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	21 <sup>15</sup> / <sub>16</sub>	25 <sup>3</sup> / <sub>8</sub>	30¼	20	14	3½	8 <sup>5</sup> / <sub>16</sub>	30A, 38A, 34A
TCX060G	65¼	45	33 <sup>3</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>16</sub>	15 <sup>1</sup> / <sub>16</sub>	4 <sup>15</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	21 <sup>15</sup> / <sub>16</sub>	25 <sup>3</sup> / <sub>8</sub>	28 <sup>7</sup> / <sub>8</sub>	20	14	3½	8 <sup>5</sup> / <sub>16</sub>	30A, 38A, 34A

**Table PC-15-C — TCP — Dimensional Data**

Model	A	B	C	D	E	F	G	H	J	K	L	M	N	P	BAYCURBO
TCP024F	56½	36	25 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	6 <sup>13</sup> / <sub>16</sub>	17	21	24¼	17½	10	3	4 <sup>7</sup> / <sub>16</sub>	30A, 38A
TCP030F	56½	36	29 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	6 <sup>13</sup> / <sub>16</sub>	17	21	24 <sup>7</sup> / <sub>8</sub>	17½	10	3	4 <sup>7</sup> / <sub>16</sub>	30A, 38A
TCP036F	56½	36	29 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	6 <sup>13</sup> / <sub>16</sub>	17	20½	25¼	17½	10	3	4 <sup>7</sup> / <sub>16</sub>	30A, 38A
TCP042F	56½	36	29 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	6 <sup>13</sup> / <sub>16</sub>	17	20½	25 <sup>7</sup> / <sub>8</sub>	17½	10	3	4 <sup>7</sup> / <sub>16</sub>	30A, 38A
TCP048F	65¼	45	33 <sup>3</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>16</sub>	15 <sup>1</sup> / <sub>16</sub>	4 <sup>15</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	21 <sup>15</sup> / <sub>16</sub>	25 <sup>3</sup> / <sub>8</sub>	30¼	20	14	3½	8 <sup>5</sup> / <sub>16</sub>	30A, 38A, 34A
TCP060F	65¼	45	33 <sup>3</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>16</sub>	15 <sup>1</sup> / <sub>16</sub>	4 <sup>15</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	21 <sup>15</sup> / <sub>16</sub>	25 <sup>3</sup> / <sub>8</sub>	28 <sup>7</sup> / <sub>8</sub>	20	14	3½	8 <sup>5</sup> / <sub>16</sub>	30A, 38A, 34A

**Table PC-15-D — TCC — Dimensional Data - Limited Availability 3 Phase Only, 2006**

Model	A	B	C	D	E	F	G	H	J	K	L	M	N	P	BAYCURBO
TCC018F	55¼	36	25 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	6 <sup>13</sup> / <sub>16</sub>	17	21 <sup>5</sup> / <sub>16</sub>	25½	17½	10	3	4 <sup>7</sup> / <sub>16</sub>	30A, 38A
TCC024F	55¼	36	25 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	6 <sup>13</sup> / <sub>16</sub>	17	21 <sup>5</sup> / <sub>16</sub>	25½	17½	10	3	4 <sup>7</sup> / <sub>16</sub>	30A, 38A
TCC030F	55¼	36	29 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	6 <sup>13</sup> / <sub>16</sub>	17	20 <sup>3</sup> / <sub>16</sub>	25 <sup>5</sup> / <sub>16</sub>	17½	10	3	4 <sup>7</sup> / <sub>16</sub>	30A, 38A
TCC036F	55¼	36	29 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	6 <sup>13</sup> / <sub>16</sub>	17	18 <sup>5</sup> / <sub>8</sub>	24 <sup>3</sup> / <sub>16</sub>	17½	10	3	4 <sup>7</sup> / <sub>16</sub>	30A, 38A
TCC042F	55¼	36	29 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	6 <sup>13</sup> / <sub>16</sub>	17	19	24	17½	10	3	4 <sup>7</sup> / <sub>16</sub>	30A, 38A
TCC048F	64 <sup>5</sup> / <sub>16</sub>	45	33 <sup>3</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>16</sub>	15 <sup>1</sup> / <sub>16</sub>	4 <sup>15</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	21 <sup>15</sup> / <sub>16</sub>	24 <sup>5</sup> / <sub>8</sub>	28½	20	14	3½	8 <sup>5</sup> / <sub>16</sub>	30A, 38A, 34A
TCC060F	64 <sup>5</sup> / <sub>16</sub>	45	33 <sup>3</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>16</sub>	15 <sup>1</sup> / <sub>16</sub>	4 <sup>15</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	21 <sup>15</sup> / <sub>16</sub>	24 <sup>5</sup> / <sub>8</sub>	28½	20	14	3½	8 <sup>5</sup> / <sub>16</sub>	30A, 38A, 34A

Note: TCC-F models currently manufactured with sloped drain pans.

**For information on Roof Curbs and Roof Curb Adaptors,  
please refer to the Accessories/Information Tab.**



# Packaged Cooling Convertible 1½ through 5 Tons

**Table PC-16-A — Features**

	TCY-G 2-5 Ton	TCX-G 2-5 Ton	TCP-F 2-5 Ton	TCC-F 1½-5 Ton
• Coil Sav'R™ coil guard and hail guard .....	✓	✓	—	—
• Comfort-R™ mode option .....	✓	—	—	—
• Impack Plus™ feature set .....	✓	✓	✓	✓
• Duration™ Compressor (1) .....	✓	✓	✓	✓
• Direct drive two-speed fan motor .....	✓	—	—	—
• GE ICM variable speed fan motor .....	✓	—	—	—
• Heavy vinyl - coated coil guard .....	—	—	✓	—
• Horizontal convertible to downflow .....	✓	✓	✓	✓
• Plate Fin coil .....	✓	✓	✓	✓
• Polarized plugs .....	✓	✓	✓	✓
• Powder paint .....	✓	✓	✓	✓
• 5-year limited compressor only warranty (Commercial use) .....	✓	✓	✓	✓
• 5-year limited compressor, coil and parts warranty (Residential use) .....	—	—	✓	✓
• 5-year limited parts warranty (Residential use) .....	—	—	—	—
• 1-year limited coil and parts warranty (Commercial use) .....	✓	✓	✓	✓
• 10-year limited compressor and outdoor coil warranty (Residential use) .....	✓	✓	—	—

**Table PC-16-B — Comfort Controls**

ACONT200A ..... 1 Heat/1 Cool (Gas, Oil or Electric) .....	✓	✓	✓	✓
ACONT401A ..... 2 Heat/1 Cool (Heat Pump/A/C) .....	✓	✓	✓	✓
ACONT402A ..... 3 Heat/2 Cool (Heat Pump/A/C) .....	✓	✓	✓	✓
ACONT600A ..... 1 Heat/1 Cool (Heat Pump/A/C) .....	✓	✓	✓	✓
ACONT602A ..... 2 Heat/2 Cool (Heat Pump/A/C) .....	✓	✓	✓	✓
ACONT800A ..... 1 Heat/1 Cool (Gas, Oil or Electric) .....	✓	✓	✓	✓
ASYSTAT300C ..... Prog., 7 Day, A/M 1Htg/1Clg .....	✓	✓	✓	✓
ASYSTAT302C ..... Prog., 7 Day, A/M 2Htg/2Clg .....	✓	✓	✓	✓
ASYSTAT340 ..... Prog., 5/2 Day, Manual Thermostat .....	✓	✓	✓	✓
ASYSTAT603 ..... Cooling only with Fan Switch. ....	✓	✓	✓	✓
ASYSTAT604Ⓞ ..... 1-Stage Heat/Cool Vert. ....	✓	✓	✓	✓
ASYSTAT605Ⓞ ..... Heat/Cool (Horizontal) .....	✓	✓	✓	✓
ASYSTAT610Ⓞ ..... 1-Stage Heat/Cool .....	✓	✓	✓	✓
ASYSTAT611Ⓞ ..... 2-Stage Heat/Cool .....	✓	✓	✓	✓
ASYSTAT616Ⓞ ..... Subbase (Auto. Changeover) .....	✓	✓	✓	✓
ASYSTAT617Ⓞ ..... Subbase (Man. Changeover) .....	✓	✓	✓	✓
ASYSTAT625A ..... Humidity Control .....	✓	—	—	—
BAY24X042 ..... DPDT Fan & Electric Heat Relay .....	✓	✓	✓	✓
BAY28X190 ..... Locking Thermostat Cover .....	✓	✓	✓	✓
BAYSTAT033A ..... Outdoor Thermostat .....	✓	✓	✓	✓
TAYSENS200A ..... Outdoor Temp. Sensor (without case)Ⓞ .....	✓	✓	✓	✓

Ⓞ Requires Subbase.  
 Ⓞ Requires BAY24X042 relay kit when used with electric heat.  
 Ⓞ Specifically designed for electric heat applications (instant on fan).  
 Ⓞ Used with ASYSTAT300C, ASYSTAT302C.

**For information on Roof Curbs and Roof Curb Adaptors,  
please refer to the Accessories/Information Tab.**



# Package Cooling Convertible 1½ through 5 Tons

**Table PC-17-A — Supplementary Heaters – Single Point Entry Kit/Heater Matrix**

Model No.	Description	Used With Single Power Entry Kit <sup>①</sup>	Used With Packaged Cooling Unit
BAYHTRN105A	..... 3.74/4.98 kW Heater (208/240V 1PH) .....	BAYSPEK047A	..... TCC018-042F1, TCP024-042F1, TCY/TCX024-42G1
BAYHTRN108A	..... 5.76/7.68 kW Heater (208/240V 1PH) .....	BAYSPEK047A	..... TCC018-042F1, TCP024-042F1, TCY/TCX024-42G1
BAYHTRN110A	..... 7.47/9.96 kW Heater (208/240V 1PH) .....	BAYSPEK047A	..... TCC/TCP024-048F1, TCY/TCX024-60G1
		BAYSPEK053A	..... TCC/TCP060F1, TCY/TCX060G1
BAYHTRN112A	..... 8.65/11.52 kW Heater (208/240V 1PH) .....	BAYSPEK049A	..... TCC/TCP024-048F1, TCY/TCX024-48G1
		BAYSPEK053A	..... TCC/TCP060F1, TCY/TCX060G1
BAYHTRN115A	..... 11.21/14.94 kW Heater (208/240V 1PH) .....	BAYSPEK048A	..... TCC/TCP030-048F1, TCY/TCX030-048G1
		BAYSPEK052A	..... TCC/TCP060F1, TCY/TCX060G1
BAYHTRN117A	..... 12.98/17.28 kW Heater (208/240V 1PH) .....	BAYSPEK048A	..... TCC/TCP030-048F1, TCY/TCX030-060G1
		BAYSPEK052A	..... TCC/TCP060F1, TCY/TCX060G1
BAYHTRN123A	..... 17.2/23.04 kW Heater (208/240V 1PH) .....	BAYSPEK048A	..... TCC/TCP030-48F1, TCY/TCX048G1
		BAYSPEK052A	..... TCC/TCP060F1, TCY/TCX060G1
BAYHTRN306A	..... 4.89/6.25 kW Heater (208/240V 3PH) .....	BAYSPEK047A	..... TCC//TCP036-060F3, TCX036-060G3
BAYHTRN310A	..... 7.45/9.96 kW Heater (208/240V 3PH) .....	BAYSPEK047A	..... TCC/TCP036-060F3, TCX036-060G3
BAYHTRN315A	..... 11.25/14.90 kW Heater (208/240V 3PH) .....	BAYSPEK047A	..... TCC/TCP036-060F3, TCX036-060G3
BAYHTRN320A	..... 14.96/19.92 kW Heater (208/240V 3PH) .....	BAYSPEK051A	..... TCC/TCP042-060F3/TCX042-060G3
BAYHTRN330A	..... 22.41/29.80 kW Heater (208/240V 3PH) .....	BAYSPEK050A	..... TCC/TCP060F3, TCX060G3
BAYHTRN406A	..... 6kW Heater (480V 3PH) .....	BAYSPEK047A	..... TCC/TCP036-060F4, TCX036-060G4
BAYHTRN410A	..... 9.96 kW Heater (480V 3PH) .....	BAYSPEK047A	..... TCC/TCP036-060F4, TCX036-060G4
BAYHTRN410F	..... 9.96 kW Heater (480V 3PH) .....	BAYSPEK047A	..... TCC/TCP036-060F4, TCX036-060G4
BAYHTRN415A	..... 14.90 kW Heater (480V 3PH) .....	BAYSPEK047A	..... TCC/TCP036-060F4, TCX036-060G4
BAYHTRN420A	..... 19.92 kW Heater (480V 3PH) .....	BAYSPEK047A	..... TCC/TCP048-060F4, TCX036-060G4
BAYHTRN430A	..... 29.80 kW Heater (480V 3PH) .....	BAYSPEK047A	..... TCC/TCP060F4, TCX060G4

<sup>①</sup> All necessary fuses are included in kit

**For information on Roof Curbs and Roof Curb Adaptors,  
please refer to the Accessories/Information Tab.**

**Table PC-18-A — Accessories**

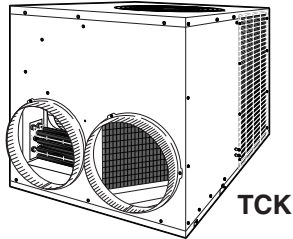
	TCY-G 2-5	TCX-G 2-5	TCP-F 2-5	TCC-F 1½-5
BAY24X045 ..... DPDT Relay .....	—	—	—	1½-5
BAYASCT001 ..... Anti-Short Cycle Timer <sup>⑥⑨</sup> .....	2-5	2-5	2-5	1½-5
BAYCCHT003A ... Crankcase Heater, 230V <sup>⑦</sup> .....	2-4	2-5	2-5	1½-5
BAYCCHT202A ... Crankcase Heater (230v) .....	5	2½-5	2½-5	—
BAYCCHT400A ... Crankcase Heater (460v) .....	3-5	3-5	3-5	—
BAYCURB030A ... Roof Curb (Flat Roof) <sup>②</sup> (14 H x 34 W x 53⅞ L) .....	2-5	2-5	2-5	1½-5
BAYCURB033A ... Roof Curb (Flat Roof) <sup>②</sup> Acousti-Curb (14 H x 34 W x 60⅝ L) .....	2-3½	—	—	—
BAYCURB034A ... Roof Curb (Flat Roof) <sup>②</sup> Acousti-Curb (14 H x 43 W x 62⅞ L) .....	4-5	4-5	4-5	4-5
BAYCURB038A ... Roof Curb (Flat Roof) <sup>②</sup> Acousti-Curb (14 H x 34 W x 53⅞ L) .....	2-5	2-5	2-5	1½-5
BAYDMPR040A ... 0-25% Manual Fresh Air Damper <sup>①④</sup> .....	2-3½	2-3½	2-3½	1½-3½
BAYDMPR041A ... 0-25% Manual Fresh Air Damper <sup>①④</sup> .....	4-5	4-5	4-5	4-5
BAYDMPR050A ... Motorized Fresh Air Damper <sup>①</sup> .....	4-5	4-5	4-5	4-5
BAYDUCT004A ... 12" Round Duct Adapters (2 per Box) .....	2-3½	2-3½	2-3½	1½-3½
BAYDUCT005A ... 14" Round Duct Adapters (1 per Box) .....	2-3½	2-3½	2-3½	1½-3½
BAYECMT002A ... Extreme Conditions Mounting Kit (Curb Mount) .....	2-5	2-5	2-5	1½-5
BAYECMT003A ... Extreme Conditions Mounting Kit (Slab or Rack Mount) .....	2-5	2-5	2-5	1½-5
BAYECON054B ... 0-100% Mod. Economizer with Bar Relief <sup>①③④⑤</sup> .....	2-3½	2-3½	2-3½	1½-3½
BAYECON055B ... 0-100% Mod. Economizer with Bar Relief <sup>①③④⑤</sup> .....	4-5	4-5	4-5	4-5
BAYECON073A ... 0-100% Mod. Economizer – Horizontal <sup>①③⑤</sup> .....	2-5	2-5	2-5	1½-5
BAYENTH001A ... Enthalpy Control (Solid State) <sup>③</sup> .....	2-5	2-5	2-5	1½-5
BAYFLTR012A ... Filter Frame <sup>①</sup> (20 x 25 x 1" filter not included) .....	2-2½	2-3½	2½-3½	2½-3½
BAYFLTR013A ... Filter Frame <sup>①</sup> (20 x 25 x 1" filter not included) .....	3-3½	—	—	—
BAYFLTR014A ... Filter Frame <sup>①</sup> (3-10 x 25 x 1" filter not included) .....	4-5	4-5	4-5	4-5
BAYFLTR015A ... Filter Frame <sup>①</sup> (20 x 20 x 1" filter not included) .....	—	2-5	2	1½-2
BAYFLTR017A ... Filter Frame <sup>①</sup> (1-20 x 25 x 2" filter not included) .....	2-2½	2-3½	2½-3½	2½-3½
BAYFLTR018A ... Filter Frame <sup>①</sup> (1-20 x 25 x 2" filter not included) .....	3-3½	—	—	—
BAYFLTR019A ... Filter Frame <sup>①</sup> (2-16 x 25 x 2" filter not included) .....	4-5	4-5	4-5	4-5
BAYGARD016A ... Condenser Coil Guard .....	—	—	—	1½-2
BAYGARD017A ... Condenser Coil Guard .....	—	—	—	3½
BAYGARD018A ... Condenser Coil Guard .....	—	—	—	2½-3
BAYGARD021A ... Condenser Coil Guard .....	—	—	—	4-5
BAYHSMT043A ... High Static Motor (230/460V) 3/4HP .....	—	2½-3½	2½-3½	2½-3½
BAYHSMT044A ... High Static Motor (230/460V) 1HP .....	—	4	4-5	4-5
BAYHSMT045A ... High Static Motor (208V) 1HP .....	—	4	4-5	4-5
BAYHSMT056A ... High Static Motor (208V) 3/4HP .....	—	2½-3½	2½-3½	2½-3½
BAYINDK001A* ... Insulated Deck Pan for A & B Cabinet .....	2-5 T	2-5	2-5	1½-5
BAYINDK002A** ... Insulated Deck Pan for C Cabinet .....	2-3½	—	—	—
BAYINDK003A*** ... Insulated Deck Pan for D Cabinet .....	4-5	4-5	4-5	4-5
BAYKSKT010A ... Quick Start Kit (Single Phase Models Only) .....	—	—	—	1½-5
BAYKSKT254 ... Start Kit-Scroll Models Only (Single Phase Models Only) .....	—	2½-4 <sub>2</sub>	2½-4	—
BAYLIFT002B ... Lifting Lug Kit .....	2-5	2-5	2-5	1½-5
BAYLOAM011A ... Evaporator Defrost Control Kit .....	2-5	2-5	2-5	1½-5
BAYLOAM323A ... Dual Voltage Elec. Head Pressure Control (208-230V or 460V) <sup>⑦⑧</sup> .....	2-5	2-5	2-5	1½-5
BAYMOTR307A ... 200-230V 1/2HP Ball Bearing OD Motor (use with BAYLOAM323A) .....	2-3½	2-5	2-5	1½-5
BAYMOTR406A ... 460V 1/2HP Ball Bearing OD Motor (use with BAYLOAM323A) .....	—	3-5	3-5	1½-5
BAYRLAY002 ... Time Delay Relay .....	2-5	2-5	2-5	—
BAYSTAT023 ... Remote Potentiometer for BAYECON054B, 055B, 073A .....	2-5	2-5	2-5	1½-5
BAYUTIL030A ... Roof Curb Utility Extension Kit for BAYCURB030A, 038A .....	—	—	—	1½-5
BAYUTIL033A ... Roof Curb Utility Extension Kit for BAYCURB033A .....	—	—	—	—
BAYUTIL034A ... Roof Curb Utility Extension Kit for BAYCURB034A .....	—	—	—	4-5

① Must use filter frame when economizer/fresh air kit is used.  
 ② Ships knocked down.  
 ③ Dry bulb control standard with economizer.  
 ④ Downflow Only.  
 ⑤ 2-Stage thermostat provides additional energy savings if simultaneous economizer and compressor operation is expected.  
 ⑥ Do not use with programmable thermostats.  
 ⑦ Low ambient cooling requires crankcase heater.  
 ⑧ May require motor change. (See Installers Guide.)  
 ⑨ Activated on Power On.  
 \* Currently Shipped with BAYCURB038A.  
 \*\* Currently Shipped with BAYCURB033A.  
 \*\*\* Currently Shipped with BAYCURB034A.

**For information on Roof Curbs and Roof Curb Adaptors,  
please refer to the Accessories/Information Tab.**

# American Standard

## Package Cooling/Electric Heat 2 through 4 Tons



- Duration™ compressor
- Compressor motor overload protection
- Internal pressure relief valve
- Copper tube, aluminum plate fin coils
- Shaft-Down OD fan system for quiet operation (good neighbor)
- Sloped composite drain pan
- Waterproof closed-cell foam evaporator base insulation
- Heavy gauge steel cabinet
- Weather resistant Powder Paint
- Double powder painted G90 base pan with dimpled feet
- Wrap-around vinyl-coated wire coil guards
- U.L. listed
- 5-year limited warranty on compressor and 5-year on all other parts (Residential use)
- Optional extended warranties

**Table PC-19-A — Cooling - Single Phase (208/230/1/60)**

Tons	Unit Model No.	SEER/EER*	Cooling Capacity (Btuh)	Dimensions (in.) H x W x L	Round Supply Opening	Round Return Opening	Shipping Weight (lbs.)	Sound Rating	Compressor
2	TCK024A100B	12.00/10.49	24,000	31 x 32 x 44 (**)	14"	14"	334	73	R1
2½	TCK030A100B	12.00/10.62	30,000	31 x 32 x 44 (**)	14"	14"	341	73	S
3	TCK036A100B	12.00/10.63	36,000	31 x 32 x 44 (**)	14"	14"	343	73	S
3½	TCK042A100B	12.00/10.45	41,000	31 x 32 x 44 (**)	14"	14"	351	73	S
3½	TCK042A1H0B	12.00/10.45	41,000	31 x 32 x 44 (**)	14"	14"	351	73	S
4	TCK048A100B	11.80/10.33	45,000	31 x 32 x 44 (**)	14"	14"	372	73	S

**Table PC-19-B — Electric Heater Data**

Unit Model No.	Electric Heater Model	Rated Voltage	Heater kW 208/240	Using Single Supply Circuit TCK Cooling/HTG			Heater Only Supply Circuit		
				Max Fuse or HACR CKT MCA②	Canada Only Max. CKT BKR Size③	Max Fuse or HACR CKT MCA⑥	Canada Only Max. CKT BKR Size⑦		
TCK024A1	BAYHTRK105A	208/240	3.74/4.98	25/29②	25/30	30/30	23/26	25/30	30/30
	BAYHTRK110A	208/240	7.48/9.96	47/55②	50/60	50/60	45/52	45/60	50/60
TCK030A1	BAYHTRK105A	208/240	3.74/4.98	25/29②	25/30	30/30	23/26	25/30	30/30
	BAYHTRK110A	208/240	7.48/9.96	48/55②	50/60	50/60	45/52	45/60	50/60
TCK036A1	BAYHTRK105A	208/240	3.74/4.98	25/29②	25/30	30/30	23/26	25/30	30/30
	BAYHTRK110A	208/240	7.48/9.96	48/55②	50/60	50/60	45/52	45/60	50/60
TCK042A1	BAYHTRK105A	208/240	3.74/4.98	27/30②	30/30	30/30	23/26	25/30	30/30
	BAYHTRK110A	208/240	7.48/9.96	49/56②	50/60	50/60	45/52	45/60	50/60
	BAYHTRK115A	208/240	11.22/14.94	71/81②	80/90	100/100	68/78	70/80	70/100
TCK048A1①	BAYHTRK106A	208/240	3.74/4.98	26/30②	30/30	30/30	23/26	25/30	30/30
	BAYHTRK110A	208/240	7.48/9.96	50/60②	50/60	50/60	45/52	45/60	50/60
	BAYHTRK115A	208/240	11.22/14.94	71/81②	80/90	100/100	68/78	70/80	70/100

**NOTES:**

- ① Any power supply and circuits must be wired and protected in accordance with local electrical codes.
- ② The MCA values listed are for electric heater and cooling unit.
- ③ Field wire must be rated at least 75°C.
- ④ The HACR circuit breaker is for U.S.A. installations only.
- ⑤ For Canada installation reference only
- ⑥ BAYHTRK106A only approved for TCK048A1
- ⑦ The MCA values listed are for electric heater only.
- ⑧ The MCA values listed are for electric heater and heat pump.

**For information on Roof Curbs and Roof Curb Adaptors, please refer to the Accessories/Information Tab.**

**TCK-A models will be upgraded in the 1st Quarter of 2006.**



# Package Cooling/Electric Heat 2 through 4 Tons

Table PC-20-A — Comfort Controls

Model No.	Description	Used With
ACONT200A	1 Heat/1 Cool (Gas, Oil or Electric)	All Cooling Models
ACONT401A	2 Heat/1 Cool (Heat Pump/A/C)	All TCK Models
ACONT402A	3 Heat/2 Cool (Heat Pump/A/C)	All TCK Models
ACONT600A	1 Heat/1 Cool (Heat Pump/A/C)	All TCK Models
ACONT602A	2 Heat/2 Cool (Heat Pump/A/C)	All TCK Models
ACONT800A	1 Heat/1 Cool (Gas, Oil or Electric)	All TCK Models
ASYSTAT300C	Prog., 7 Day, A/M, 1 Htg./Clg.	All Cooling Models
ASYSTAT340	Prog., 5/2 Day, Manual, 1 Htg./Clg.	All Cooling Models
ASYSTAT603	Cooling only with Fan Switch	All Cooling Models
ASYSTAT604 <sup>ⓐ</sup>	1-Stage Heat/Cool Vert.	All Cooling Models
ASYSTAT605 <sup>ⓑ</sup>	Heat/Cool (Horizontal)	All Cooling Models
ASYSTAT610 <sup>ⓒ</sup>	1-Stage Heat/Cool	All Cooling Models
ASYSTAT611 <sup>ⓒ</sup>	2-Stage Heat/Cool	All Cooling Models
ASYSTAT616 <sup>ⓓ</sup>	Subbase (Auto. Changeover)	ASYSTAT610, 611
ASYSTAT617 <sup>ⓓ</sup>	Subbase (Man. Changeover)	ASYSTAT610, 611
BAY28X190	Locking Thermostat Cover	All Room Thermostats
BAYECMT002A	Extreme Conditions Mounting Kit (Curb Mount)	All TCK Models
BAYECMT003A	Extreme Conditions Mounting Kit (Slab and Rack Mount)	All TCK Models
TAYSENS200A	Outdoor Temperature Sensor (without case)	ASYSTAT300

- <sup>ⓐ</sup> Not for use with programmable thermostats.
- <sup>ⓑ</sup> Requires BAY24X042 relay when used with electric heaters.
- <sup>ⓒ</sup> Requires Subbase.
- <sup>ⓓ</sup> Specially designed for electric heater application (instant on fan).

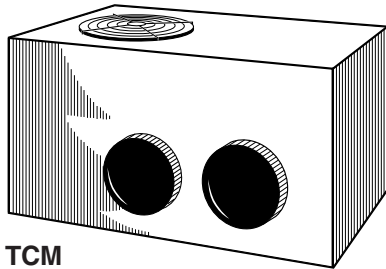
**For information on Roof Curbs and Roof Curb Adaptors,  
please refer to the Accessories/Information Tab.**

**TCK-A models will be upgraded in the 1st Quarter of 2006.**





# Package Cooling – Manufactured Housing 2½ through 4 Tons



TCM

- Duration™ compressor
- High efficiency performance
- Round duct connections for Manufactured Housing
- Quiet operating top condenser air discharge
- Copper tube/aluminum fin coils
- Totally enclosed, permanently lubricated condenser fan motor
- Hermetically sealed compressor with internal relief valve
- Two-Speed evaporator blower motor
- Sloped Drain Pan
- Fully charged R-22 system
- Heavy gauge steel cabinet with weather resistant, baked enamel finish
- Protected pressure taps for refrigerant checks
- Fully insulated air handling compartment
- Convenient access panels
- 5-year limited compressor warranty (Residential use)
- 5-year limited coil and parts warranty (Residential use)

Table PC-21-A — TCM (208-230/1/60)

Unit Model No.	SEER/EER*	Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x W x L	Round Supply Opening	Round Return Opening	Shipping Weight (lbs.)	MCA*	Max Fuse*	Sound Rating	Compressor
TCM030F100B	9.7/9.10	29,800	29 x 36 x 55 (B)	12	12	358	22.7	35	80	R1
TCM036F100B	9.7/8.75	35,200	29 x 36 x 55 (B)	12	12	380	26.8	45	80	R1
TCM042F100B	9.7/8.60	40,500	29 x 36 x 55 (B)	14	14	383	31.8	50	80	R2
TCM048F100B	9.7/8.90	46,500	29 x 36 x 63 (C)	14	14	461	33.0	50	82	R2

Table PC-21-B — Supplementary Heaters – Heater Matrix

Model No.	Description	Used With
BAYHTRN105A	3.74/4.98 kW Heater (208/240 volt)	TCM030, 036, 042F
BAYHTRN108A	5.76/7.68 kW Heater (208/240 volt)	TCM030, 036, 042F
BAYHTRN110A	7.47/9.96 kW Heater (208/240 volt)	TCM030, 036, 042, 048F
BAYHTRN112A	8.65/11.52 kW Heater (208/240 volt)	TCM030, 036, 042F
BAYHTRN115A	11.21/14.94 kW Heater (208/240 volt)	TCM030, 036, 042F
BAYHTRN117A	12.98/17.28kW Heater (208/240 volt)	TCM030, 036, 042, 048F

Table PC-21-C — Accessories

Model No.	Description	Used With
BAYCCHT003A	Crankcase Heater (230 volt)	All TCM-F Models
BAYECMT002A	Extreme Conditions Mounting Kit (Curb Mount)	All TCM Models
BAYECMT003A	Extreme Conditions Mounting Kit (Slab and Rack Mount)	All TCM Models
BAYFLTR012A	Filter Frame (20x25x1" filter not included)	TCM030, 036, 042F
BAYFLTR013A	Filter Frame (20x25x1" filter not included)	TCM042F
BAYGARD017A	Condenser Coil Guard	TCM042, 048F
BAYGARD018A	Condenser Coil Guard	TCM030, 036F
BAYHSMT043A	High Static Motor	All TCM-F Models
BAYHSMT044A	High Static Motor	All TCM-F Models
BAYHSMT045A	High Static Motor	All TCM-F Models
BAYHSMT056A	High Static Motor	All TCM-F Models
BAYSKT010A	Quick Start Kit	All TCM-F Models

Table PC-21-D — Comfort Controls

Model No.	Description	Used With
ACONT200A	1 Heat/1 Cool (Gas, Oil or Electric)	All TCM Models
ACONT401A	2 Heat/1 Cool (Heat Pump/A/C)	All TCM Models
ACONT402A	3 Heat/2 Cool (Heat Pump/A/C)	All TCM Models
ACONT600A	1 Heat/1 Cool (Heat Pump/A/C)	All TCM Models
ACONT800A	1 Heat/1 Cool (Gas, Oil or Electric)	All TCM Models
ASYSTAT603	Cooling only with Fan Switch	All Cooling Models
ASYSTAT604	Heat/Cool Vertical	All TCM Models
ASYSTAT605	Heat/Cool Horizontal	All TCM Models
BAYSTAT033A	Outdoor Thermostat	All TCM Models

① Requires BAY24X042 relay when used with electric heaters.

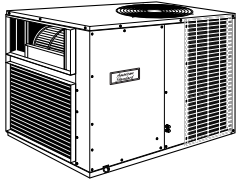
\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

Compressor Types are: R1 = Reciprocating One Cylinder, R2 = Reciprocating Two Cylinder, S = Scroll

**For information on Roof Curbs and Roof Curb Adaptors, please refer to the Accessories/Information Tab.**



## Package Cooling Over/Under 2 through 5 Tons



### TCH

- **Duration™** compressor
- Compressor motor overload protection
- Internal pressure relief valve
- Copper tube, aluminum plate fin coils
- Pressure taps for refrigerant check
- Top discharge condensating fan
- Indoor fan relay
- Top access to supplementary heater
- Polarized plug for easy field connection of low voltage to supplementary heaters
- Over (supply) under (return) air configuration
- Wrap around coil guard
- Expansion valve on indoor coil
- Heavy gauge steel cabinet
- Multi-speed direct drive blower Variable speed direct drive blower motor on TCH-048-060F models
- Factory installed coil guard
- Low ambient cooling to 45° F as manufactured
- UL listed
- **5 year limited warranty on compressor and 5 year on all other parts (residential use only)**
- **Optional extended warranties**
- **Energy Star Listed**

**For information on Roof Curbs and Roof Curb Adaptors, please refer to the Accessories/Information Tab.**

**TCH-B models will be upgraded in the 1st Quarter of 2006.**

**Table PC-22-A — TCH – Over/Under Horizontal Unit**

Unit Model No.	Power Supply Volts Phase/Hz	SEER/EER*	Nom. Cap. Cooling (Btuh)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	MCA*	Max Fuse*	Sound Rating	Comp.
<b>Single Phase</b>									
TCH024B100B	208-230/1/60	12.05/11.00	24,000	30 <sup>3</sup> / <sub>8</sub> x 31 <sup>5</sup> / <sub>8</sub> x 44	319	17.2	25	79	R1
TCH030B100B	208-230/1/60	12.6/11.00	30,000	30 <sup>3</sup> / <sub>8</sub> x 31 <sup>5</sup> / <sub>8</sub> x 44	335	19.3	30	82	R2
TCH036B100C	208-230/1/60	12.0/11.30	36,000	30 <sup>3</sup> / <sub>8</sub> x 31 <sup>5</sup> / <sub>8</sub> x 44	370	25.5	40	82	R2
TCH042B100B	208-230/1/60	12.5/11.00	41,500	30 <sup>3</sup> / <sub>8</sub> x 31 <sup>5</sup> / <sub>8</sub> x 44	374	24.1	40	82	R2
TCH048F100A	208-230/1/60	13.75/12.35	50,000	33 x 45 x 58	504	37	50	84	S
TCH060F100A	208-230/1/60	13.00/11.45	62,000	33 x 45 x 58	509	47	60	84	S

Tons	Supply H x W	Return H x W
2 – 3 <sup>1</sup> / <sub>2</sub>	8 <sup>3</sup> / <sub>8</sub> x 27 <sup>3</sup> / <sub>8</sub>	16 <sup>3</sup> / <sub>4</sub> x 27 <sup>3</sup> / <sub>8</sub>
4 – 5	8 <sup>1</sup> / <sub>2</sub> x 32 <sup>1</sup> / <sub>32</sub>	19 <sup>15</sup> / <sub>16</sub> x 32 <sup>1</sup> / <sub>32</sub>

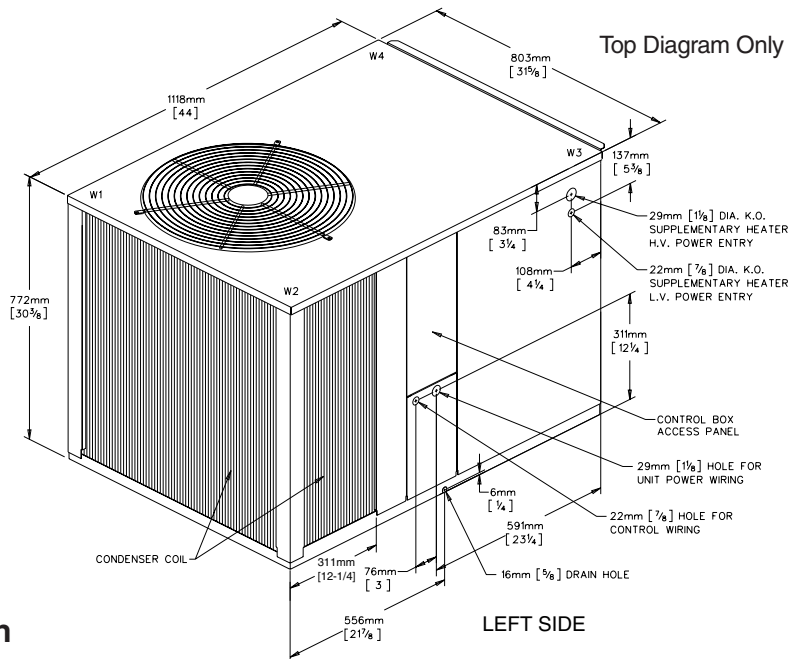
**Table PC-22-B — TCH – Over/Under Horizontal Unit**

Tons	Unit Model No.	Power Supply Volts Phase/Hz	Performance SEER	Nom. Cap. Cooling (Btuh)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	MCA*	Max Fuse*	Sound Rating
<b>Three Phase</b>									
3	TCH036B300C	208-230/3/60	11.4	36,000	30 <sup>3</sup> / <sub>8</sub> x 31 <sup>5</sup> / <sub>8</sub> x 44	370	17.8	25	82
3 <sup>1</sup> / <sub>2</sub>	TCH042B300B	208-230/3/60	12.5	41,500	30 <sup>3</sup> / <sub>8</sub> x 31 <sup>5</sup> / <sub>8</sub> x 44	374	18.1	25	82
3	TCH036B400C	460/3/60	11.4	36,000	30 <sup>3</sup> / <sub>8</sub> x 31 <sup>5</sup> / <sub>8</sub> x 44	370	9.7	15	82
3 <sup>1</sup> / <sub>2</sub>	TCH042B400B	460/3/60	12.5	41,500	30 <sup>3</sup> / <sub>8</sub> x 31 <sup>5</sup> / <sub>8</sub> x 44	374	9.9	15	82

Tons	Supply H x W	Return H x W
3 – 3 <sup>1</sup> / <sub>2</sub>	8 <sup>3</sup> / <sub>8</sub> x 27 <sup>3</sup> / <sub>8</sub>	16 <sup>3</sup> / <sub>4</sub> x 27 <sup>3</sup> / <sub>8</sub>

Dimensions are in inches. See Outline Dimensions.

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.



**Table PC-23-A — Supplementary Heaters – Heater Matrix**

Model No.	Power Supply	kW Rating	Used With
BAYHTRC106A	208/240/1/60	4.33/5.76 kW	TCH024-042B,048F,060F100A
BAYHTRC108A	208/240/1/60	6.12/8.16 kW	TCH024-042B100A
BAYHTRC110A	208/240/1/60	7.93/10.56 kW	TCH048F100A only
BAYHTRC111A	208/240/1/60	7.93/10.56 kW	TCH024-042B100A,060F100A
BAYHTRC112A	208/240/1/60	8.65/11.52 kW	TCH024-042B100A
BAYHTRC117A <sup>①</sup>	208/240/1/60	12.98/17.28 kW	TCH030-042B,048F, 060F100A
BAYHTRC306A	208/240/3/60	4.33/5.76	TCH036-042B300A
BAYHTRC312A	208/240/3/60	8.65/11.52	TCH036-042B300A
BAYHTRC317A	208/240/3/60	12.98/17.28	TCH036-042B300A
BAYHTRC406A	480/3/60	5.76	TCH036-042B400A
BAYHTRC412A	480/3/60	11.52	TCH036-042B400A
BAYHTRC417A	480/3/60	17.28	TCH036-042B400A

**Table PC-23-B — Accessories**

Model No.	Description	Used With
ASYSTAT300C	Prog. Electronic Setback 3 Htg/2 Clg	All Cooling Models
ASYSTAT340	Prog. Electronic Setback 1 Htg/1 Clg	All Cooling Models
ASYSTAT375	Electronic Setback 2 Htg/2 Clg(Non Prog.)	All Cooling Models
ASYSTAT603	Cooling only with Fan Switch	All Cooling Models
ASYSTAT604	1-Stage Heat/Cool Vert.	All Cooling Models
ASYSTAT605	Heat/Cool Horizontal	All Cooling Models
ASYSTAT610	1-Stage Heat/Cool (requires subbase)	All Cooling Models
ASYSTAT611	2-Stage Heat/Cool (requires subbase)	All Cooling Models
ASYSTAT616 <sup>②③</sup>	Subbase (Auto. Changeover)	ASYSTAT610,611
ASYSTAT617 <sup>③</sup>	Subbase (Man. Changeover)	ASYSTAT610, 611
ASYSTAT625A	Humidity Control	All Cooling Models
BAY24X042	DPDT Fan and Electric Heat Relay	Auto Changeover Thermostats
BAY28X190	Locking Thermostat Cover	All Room Thermostats
BAY41X171A <sup>①</sup>	5 or 7 Minute Delay Relay	All TCH Models
BAYASCT001 <sup>①</sup>	Anti-Short Cycle Timer	All TCH Models
BAYECMT002A	Extreme Conditions Mounting Kit (Curb Mount)	All TCH Models
BAYECMT003A	Extreme Conditions Mounting Kit (Slab and Rack Mount)	All TCH Models
BAYLOAM011A	Low Ambient Cooling Kit	All TCH Models
TAYSENS200A	Outdoor Temperature Sensor (without case)	ASYSTAT300C,375

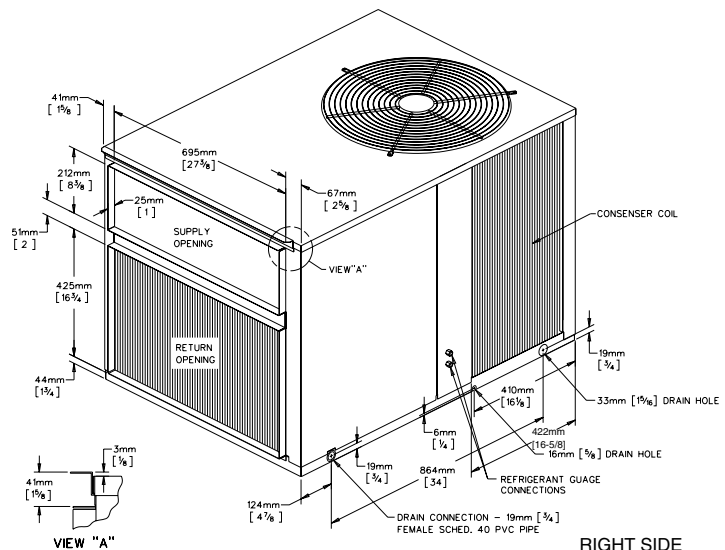
- ① Not for use with programmable thermostats.
- ② Requires BAY24X042 relay when used with electric heaters.
- ③ Specially designed for electric heater application (instant on fan).

**Table PC-23-C — Comfort Controls**

Model No.	Description	Used With
ACONT200A	1 Heat/1 Cool (Gas, Oil or Electric)	All TCH Models
ACONT401A	2 Heat/1 Cool (Heat Pump/A/C)	All TCH Models
ACONT402A	3 Heat/2 Cool (Heat Pump/A/C)	All TCH Models
ACONT600A	1 Heat/1 Cool (Heat Pump/A/C)	All TCH Models
ACONT800A	1 Heat/1 Cool (Gas, Oil or Electric)	All TCH Models

**For information on Roof Curbs and Roof Curb Adaptors, please refer to the Accessories/Information Tab.**

**TCH-B models will be upgraded in the 1st quarter of 2006.**



*American  
Standard*



**Featuring  
A New Look for a New Century**

Beveled Top  
Smoother Design  
Small compact cabinet  
Recessed access handles

## **Packaged Cooling Convertible 3 through 10 Tons**

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**Standard Features:**

- American Standard built scroll compressors on all 3-10 ton units except 3 ton standard efficiency model (Reciprocating Compressor)
- Colored and numbered wiring
- Provisions for through the Base Condensate Drain Connections
- Patented Hybrid Condenser Coil for easy cleaning
- 1" throwaway filters provided on 3-5 ton units
- 2" throwaway filters provided on 6-10 ton units
- Liquid Line Refrigerant Drier
- Operating Charge of R-22
- IAQ Sloped Drain Pans
- Single point power for Electric Heat
- Low Ambient to 40°F on Electromechanical models
- Low Ambient to 0°F on Microprocessor models
- 5 - year Limited Compressor Warranty
- 1 - year Limited Parts Warranty

**Added Flexibility**

- Electromechanical or microprocessor controls (**See page PC-35 for ReliaTel™ Control Information**)
- Standard or high efficiency cooling models available
- Convertible airflow (ships in downflow application)
- Fork lift openings on three sides of unit
- Direct or belt drive - standard or oversized motors (Direct for 3-5 ton only)
- We don't prepackage options
- Choose options tailored to suit each job —pay only for what is needed
- Units ship with options installed —and within our standard ship cycle time

**Factory Installed Options**

- Through-the-Base — Electrical
- Convenience Outlet — Powered or unpowered
- Unit Disconnect Switch
- Smoke Detectors — Supply, return, or both
- Condenser Coil Coating
- Hinged Access Service Panels
- Discharge Air Sensor
- Fan Fail and Clogged Filter Switches
- Condenser Coil Guard — Hail Protection Quality
- (TXV) Thermal Expansion Valve and Split Face Evaporator Coil
- Dehumidification (Hot Gas Reheat Coil)
- Froststat
- Novar Controls
- 2" Pleated Media Filters
- Phase Monitor

***The same American Standard Quality and  
Reliability ... with added Flexibility!***



# Packaged Cooling Convertible 3-10 Tons

Table PC-25-A — Base Unit — Standard Efficiency — Electromechanical

Tons	Unit Ordering No.①	Performance② SEER/EER	Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA*	Max② Fuse*
<b>TSC – 208-230/1/60 – Single Phase – No Heat</b>									
3	TSC036E1E0A0000	13.0	35,620	32 x 44 x 70	18 x 15.5	24 x 14	555	27.2	40
4	TSC048E1E0A0000	13.0	49,210	32 x 44 x 70	18 x 15.5	24 x 14	586	35.2	50
5	TSC060E1E0A0000	13.0	58,000	32 x 44 x 70	18 x 15.5	24 x 14	636	43.8	70
<b>TSC – 208-230/3/60 – Three Phase – No Heat</b>									
3	TSC036A3E0A0000	10.7	37,400	32 x 44 x 70	18 x 15.5	24 x 14	501	17.9	25
4	TSC048A3E0A0000	10.0	49,200	32 x 44 x 70	18 x 15.5	24 x 14	526	23.9	35
5	TSC060A3E0A0000	10.2	63,100	32 x 44 x 70	18 x 15.5	24 x 14	543	31.5	50
3	TSC036E3E0A0000	13.0	37,150	32 x 44 x 70	18 x 15.5	24 x 14	555	21.4	30
4	TSC048E3E0A0000	13.0	49,450	32 x 44 x 70	18 x 15.5	24 x 14	586	25.2	35
5	TSC060E3E0A0000	13.0	62,270	32 x 44 x 70	18 x 15.5	24 x 14	636	29.5	45
6	TSC072A3E0A0000	10.3	72,000	41 x 53 x 89	33 x 17.5	32.13 x 17.5	824	32.7	50
7½	TSC090A3E0A0000	10.3	90,000	41 x 53 x 89	33 x 17.5	32.13 x 17.5	897	42.7	60
7½	TSC092A3E0A0000	10.3	90,000	41 x 53 x 89	33 x 17.5	32.13 x 17.5	899	38.9	50
8½	TSC102A3E0A0000	10.3	105,000	47 x 53 x 89	33 x 17.5	32.13 x 17.5	978	45.1	60
10	TSC120A3E0A0000	10.4/10.3③	117,000	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1052	52.6	60
<b>TSC – 460/3/60 – Three Phase – No Heat</b>									
3	TSC036A4E0A0000	10.7	37,400	32 x 44 x 70	18 x 15.5	24 x 14	501	9.2	15
4	TSC048A4E0A0000	10.0	49,200	32 x 44 x 70	18 x 15.5	24 x 14	526	12.8	20
5	TSC060A4E0A0000	10.2	63,100	32 x 44 x 70	18 x 15.5	24 x 14	543	16.0	25
3	TSC036E4E0A0000	13.0	37,150	32 x 44 x 70	18 x 15.5	24 x 14	555	10.1	15
4	TSC048E4E0A0000	13.0	49,450	32 x 44 x 70	18 x 15.5	24 x 14	586	12.5	15
5	TSC060E4E0A0000	13.0	62,270	32 x 44 x 70	18 x 15.5	24 x 14	636	15.5	25
6	TSC072A4E0A0000	10.3	72,000	41 x 53 x 89	33 x 17.5	32.13 x 17.5	824	17.6	25
7½	TSC090A4E0A0000	10.3	90,000	41 x 53 x 89	33 x 17.5	32.13 x 17.5	897	22.6	35
7½	TSC092A4E0A0000	10.3	90,000	41 x 53 x 89	33 x 17.5	32.13 x 17.5	899	20.5	25
8½	TSC102A4E0A0000	10.3	105,000	47 x 53 x 89	33 x 17.5	32.13 x 17.5	978	24.0	30
10	TSC120A4E0A0000	10.4/10.3③	117,000	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1052	26.9	35
<b>TSC – 575/3/60 – Three Phase – No Heat</b>									
3	TSC036AWE0A0000	10.7	37,400	32 x 44 x 70	18 x 15.5	24 x 14	501	7.7	15
4	TSC048AWE0A0000	10.0	49,200	32 x 44 x 70	18 x 15.5	24 x 14	526	9.8	15
5	TSC060AWE0A0000	10.2	63,100	32 x 44 x 70	18 x 15.5	24 x 14	543	12.2	15
3	TSC036EWE0A0000	13.0	37,150	32 x 44 x 70	18 x 15.5	24 x 14	555	8.0	15
4	TSC048EWE0A0000	13.0	49,450	32 x 44 x 70	18 x 15.5	24 x 14	586	9.0	15
5	TSC060EWE0A0000	13.0	62,270	32 x 44 x 70	18 x 15.5	24 x 14	636	10.1	15
6	TSC072AWE0A0000	10.3	72,000	41 x 53 x 89	33 x 17.5	32.13 x 17.5	824	12.8	20
7½	TSC090AWE0A0000	10.3	90,000	41 x 53 x 89	33 x 17.5	32.13 x 17.5	897	17.6	25
7½	TSC092AWE0A0000	10.3	90,000	41 x 53 x 89	33 x 17.5	32.13 x 17.5	899	15.5	20
8½	TSC102AWE0A0000	10.3	105,000	47 x 53 x 89	33 x 17.5	32.13 x 17.5	978	19.5	25
10	TSC120AWE0A0000	10.4/10.3③	117,000	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1052	21.8	25

① Upflow/Horizontal.

② HACR breaker per NEC.

③ SEER applies, 3-5 tons; EER applies 6-10 tons.

④ Digit 7-A=R-22 or E=410A

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.



# Packaged Cooling Convertible 3-10 Tons

Table PC-26-A — Base Unit — Standard Efficiency — ReliaTel™ Microprocessor Controls

Tons	Unit Ordering No.④	Performance③ SEER/EER	Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA*	Max② Fuse*
<b>TSC – 208-230/1/60 – Single Phase – No Heat</b>									
3	TSC036E1R0A0000	13.0	35,620	32 x 44 x 70	18 x 15.5	24 x 14	555	27.2	40
4	TSC048E1R0A0000	13.0	49,210	32 x 44 x 70	18 x 15.5	24 x 14	586	35.2	50
5	TSC060E1R0A0000	13.0	58,000	32 x 44 x 70	18 x 15.5	24 x 14	636	43.8	70
<b>TSC – 208-230/3/60 – Three Phase – No Heat</b>									
3	TSC036A3R0A0000	10.7	37,400	32 x 44 x 70	18 x 15.5	24 x 14	501	17.9	25
4	TSC048A3R0A0000	10.0	49,200	32 x 44 x 70	18 x 15.5	24 x 14	526	23.9	35
5	TSC060A3R0A0000	10.2	63,100	32 x 44 x 70	18 x 15.5	24 x 14	543	31.5	50
3	TSC036E3R0A0000	13.0	37,150	32 x 44 x 70	18 x 15.5	24 x 14	555	21.4	30
4	TSC048E3R0A0000	13.0	49,450	32 x 44 x 70	18 x 15.5	24 x 14	586	25.2	35
5	TSC060E3R0A0000	13.0	62,270	32 x 44 x 70	18 x 15.5	24 x 14	636	29.5	45
6	TSC072A3R0A0000	10.3	72,000	41 x 53 x 89	33 x 17.5	32.13 x 17.5	824	32.7	50
7½	TSC090A3R0A0000	10.3	90,000	41 x 53 x 89	33 x 17.5	32.13 x 17.5	897	42.7	60
7½	TSC092A3R0A0000	10.3	90,000	41 x 53 x 89	33 x 17.5	32.13 x 17.5	899	38.9	50
8½	TSC102A3R0A0000	10.3	105,000	47 x 53 x 89	33 x 17.5	32.13 x 17.5	978	45.1	60
10	TSC120A3R0A0000	10.4/10.3⑤	117,000	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1052	52.6	60
<b>TSC – 460/3/60 – Three Phase – No Heat</b>									
3	TSC036A4R0A0000	10.7	37,400	32 x 44 x 70	18 x 15.5	24 x 14	501	9.2	15
4	TSC048A4R0A0000	10.0	49,200	32 x 44 x 70	18 x 15.5	24 x 14	526	12.8	20
5	TSC060A4R0A0000	10.2	63,100	32 x 44 x 70	18 x 15.5	24 x 14	543	16.0	25
3	TSC036E4R0A0000	13.0	37,150	32 x 44 x 70	18 x 15.5	24 x 14	555	10.1	15
4	TSC048E4R0A0000	13.0	49,450	32 x 44 x 70	18 x 15.5	24 x 14	586	12.5	15
5	TSC060E4R0A0000	13.0	62,270	32 x 44 x 70	18 x 15.5	24 x 14	636	15.5	25
6	TSC072A4R0A0000	10.3	72,000	41 x 53 x 89	33 x 17.5	32.13 x 17.5	824	17.6	25
7½	TSC090A4R0A0000	10.3	90,000	41 x 53 x 89	33 x 17.5	32.13 x 17.5	897	22.6	35
7½	TSC092A4R0A0000	10.3	90,000	41 x 53 x 89	33 x 17.5	32.13 x 17.5	899	20.5	25
8½	TSC102A4R0A0000	10.3	105,000	47 x 53 x 89	33 x 17.5	32.13 x 17.5	978	24.0	30
10	TSC120A4R0A0000	10.4/10.3⑤	117,000	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1052	26.9	35
<b>TSC – 575/3/60 – Three Phase – No Heat</b>									
3	TSC036AWR0A0000	10.7	37,400	32 x 44 x 70	18 x 15.5	24 x 14	501	7.7	15
4	TSC048AWR0A0000	10.0	49,200	32 x 44 x 70	18 x 15.5	24 x 14	526	9.8	15
5	TSC060AWR0A0000	10.2	63,100	32 x 44 x 70	18 x 15.5	24 x 14	543	12.2	15
3	TSC036EWR0A0000	13.0	37,150	32 x 44 x 70	18 x 15.5	24 x 14	555	8.0	15
4	TSC048EWR0A0000	13.0	49,450	32 x 44 x 70	18 x 15.5	24 x 14	586	9.0	15
5	TSC060EWR0A0000	13.0	62,270	32 x 44 x 70	18 x 15.5	24 x 14	636	10.1	15
6	TSC072AWR0A0000	10.3	72,000	41 x 53 x 89	33 x 17.5	32.13 x 17.5	824	12.8	20
7½	TSC090AWR0A0000	10.3	90,000	41 x 53 x 89	33 x 17.5	32.13 x 17.5	897	17.6	25
7½	TSC092AWR0A0000	10.3	90,000	41 x 53 x 89	33 x 17.5	32.13 x 17.5	899	15.5	20
8½	TSC102AWR0A0000	10.3	105,000	47 x 53 x 89	33 x 17.5	32.13 x 17.5	978	19.5	25
10	TSC120AWR0A0000	10.4/10.3⑤	117,000	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1052	21.8	25

① Upflow/Horizontal.

② HACR breaker per NEC.

③ SEER applies, 3-5 tons; EER applies 6-10 tons.

④ Digit 7-A=R-22 or E=410A

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.



# Packaged Cooling Convertible 3-10 Tons

**Table PC-27-A — Base Unit — High Efficiency — Electromechanical**

Tons	Unit Ordering No.	Performance <sup>③</sup> SEER/EER	Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA*	Max <sup>①</sup> Fuse*
<b>THC – 208-230/3/60 – Three Phase – No Heat</b>									
6	THC072A3E0A0000	11.5/11.3 <sup>②</sup>	72,000	41 x 53 x 89	33 x 17.5	32.13 x 17.5	861	34.8	50
7 <sup>1/2</sup>	THC092A3E0A0000	11.5/11.3 <sup>②</sup>	90,000	47 x 53 x 89	33 x 17.5	32.13 x 17.5	899	38.1	50
8 <sup>1/2</sup>	THC102A3E0A0000	11.5/11.3 <sup>②</sup>	102,000	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1036	42.3	50
10	THC120A3E0A0000	11.2/10.7 <sup>②</sup>	116,000	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1125	48.6	60
<b>THC – 460/3/60 – Three Phase – No Heat</b>									
6	THC072A4E0A0000	11.5/11.3 <sup>②</sup>	72,000	41 x 53 x 89	33 x 17.5	32.13 x 17.5	861	17.5	25
7 <sup>1/2</sup>	THC092A4E0A0000	11.5/11.3 <sup>②</sup>	90,000	47 x 53 x 89	33 x 17.5	32.13 x 17.5	899	19.4	25
8 <sup>1/2</sup>	THC102A4E0A0000	11.5/11.3 <sup>②</sup>	102,000	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1036	21.4	25
10	THC120A4E0A0000	11.2/10.7 <sup>②</sup>	116,000	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1125	25.3	30
<b>THC – 575/3/60 – Three Phase – No Heat</b>									
6	THC072AWE0A0000	11.5/11.3 <sup>②</sup>	72,000	41 x 53 x 89	33 x 17.5	32.13 x 17.5	861	13.5	20
7 <sup>1/2</sup>	THC092AWE0A0000	11.5/11.3 <sup>②</sup>	90,000	47 x 53 x 89	33 x 17.5	32.13 x 17.5	899	14.8	15
8 <sup>1/2</sup>	THC102AWE0A0000	11.5/11.3 <sup>②</sup>	102,000	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1036	16.6	20
10	THC120AWE0A0000	11.2/10.7 <sup>②</sup>	116,000	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1125	19.9	25

① HACR breaker per NEC.

② Downflow Airflow/Horizontal Airflow.

③ SEER applies, 3-5 tons; EER applies 6-10 tons.

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.



# Packaged Cooling Convertible 3-10 Tons

Table PC-28-A — Base Unit — High Efficiency — ReliaTel™ Microprocessor Controls

Tons	Unit Ordering No.	Performance <sup>③</sup> SEER/EER	Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA*	Max <sup>①</sup> Fuse*
<b>THC – 208-230/3/60 – Three Phase – No Heat</b>									
6	THC072A3R0A0000	11.5/11.3 <sup>②</sup>	72,000	41 x 53 x 89	33 x 17.5	32.13 x 17.5	861	34.8	50
7 <sup>1/2</sup>	THC092A3R0A0000	11.5/11.3 <sup>②</sup>	90,000	47 x 53 x 89	33 x 17.5	32.13 x 17.5	899	38.1	50
8 <sup>1/2</sup>	THC102A3R0A0000	11.5/11.3 <sup>②</sup>	102,000	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1036	42.3	50
10	THC120A3R0A0000	11.2/10.7 <sup>②</sup>	116,000	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1125	48.6	60
<b>THC – 460/3/60 – Three Phase – No Heat</b>									
6	THC072A4R0A0000	11.5/11.3 <sup>②</sup>	72,000	41 x 53 x 89	33 x 17.5	32.13 x 17.5	861	17.5	25
7 <sup>1/2</sup>	THC092A4R0A0000	11.5/11.3 <sup>②</sup>	90,000	47 x 53 x 89	33 x 17.5	32.13 x 17.5	899	19.4	25
8 <sup>1/2</sup>	THC102A4R0A0000	11.5/11.3 <sup>②</sup>	102,000	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1036	21.4	25
10	THC120A4R0A0000	11.2/10.7 <sup>②</sup>	116,000	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1125	25.3	30
<b>THC – 575/3/60 – Three Phase – No Heat</b>									
6	THC072AWR0A0000	11.5/11.3 <sup>②</sup>	72,000	41 x 53 x 89	33 x 17.5	32.13 x 17.5	861	13.5	20
7 <sup>1/2</sup>	THC092AWR0A0000	11.5/11.3 <sup>②</sup>	90,000	47 x 53 x 89	33 x 17.5	32.13 x 17.5	899	14.8	15
8 <sup>1/2</sup>	THC102AWR0A0000	11.5/11.3 <sup>②</sup>	102,000	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1036	16.6	20
10	THC120AWR0A0000	11.2/10.7 <sup>②</sup>	116,000	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1125	19.9	25

① HACR breaker per NEC.

② Downflow Airflow/Horizontal Airflow.

③ SEER applies, 3-5 tons; EER applies 6-10 tons.

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production





# Packaged Cooling Convertible 3-10 Tons (Model Digit Numbers)

Digit	Description	Order Number	Digit	Description	Order Number
1-8	Main Assembly (see previous page)			Circuit Breaker <sup>⑭</sup>	2
9	Unit Controls			Phase Monitor <sup>⑤</sup>	3
	Electro-Mechanical	E		Phase Monitor <sup>⑤</sup> & Non-Fused Disconnect Switch	4
	Unit Controls -ReliaTel™ Micro-processor	R		Phase Monitor <sup>⑤</sup> & Circuit Breaker	5
10	(See Heater Table below)		20	Convenience Outlet	
11	Minor Design Sequence			No Convenience Outlet	0
	First Sequence	A		Unpowered Convenience Outlet	A
12-13	Service Sequence			Powered Convenience Outlet (3 phase only) <sup>③</sup>	B
	First Sequence (Factory Supplied)	**	21	Communications Options <sup>⑮</sup>	
14	Fresh Air Selection			No Communications Interface	0
	No Fresh Air	0		Comm 3/4 Communications Interface (TCI)	1
	0-50% Manual Outside Air Damper <sup>②</sup>	A		LonTalk® Communications Interface (LCI)	2
	0-50% Motorized Outside Air Damper	B		Novar 2024 Controls	3
	0-100% Economizer, Dry Bulb without Barometric Relief <sup>②</sup>	C		Novar 3051 Controls	4
	0-100% Economizer, Dry Bulb with Barometric Relief <sup>②</sup>	D	22	Refrigeration System Option	
	0-100% Economizer, Reference Enthalpy without Barometric Relief <sup>①②</sup>	E		Standard Refrigeration System	0
	0-100% Economizer, Reference Enthalpy with Barometric Relief <sup>①②</sup>	F		Thermal Expansion Valve (TXV)	A
	0-100% Economizer, Comparative Enthalpy without Barometric Relief <sup>①②</sup>	G		Dehumidification (Hot Gas Reheat Coil) <sup>③</sup>	B
	0-100% Economizer, Comparative Enthalpy with Barometric Relief <sup>①②</sup>	H	23	Refrigeration Controls	
15	Supply Fan/Drive Type/Motor			No Refrigeration Control	0
	Standard Drive	0		High Pressure Control <sup>⑥⑮</sup>	1
	Oversized Motor	1		Froststat <sup>⑤</sup>	2
	Optional Belt Drive Motor (3 phase only)	2		Crankcase Heater	3
16	Hinged Service Access & Filters			High Pressure Control <sup>⑥⑮</sup> and Froststat <sup>⑤</sup>	4
	Standard Panels & Filters	0		High Pressure Control <sup>⑥⑮</sup> and Crankcase Heater	5
	Hinged Access Panels & Standard Filters	A		Froststat <sup>⑤</sup> and Crankcase Heater <sup>⑥</sup>	6
	Standard Panels & 2" Pleated Filters	B		High Pressure Control <sup>⑥⑮</sup> , Froststat <sup>⑤</sup> and Crankcase Heater <sup>⑥</sup>	7
	Hinged Access Panels & 2" Pleated Filters	C	24	Smoke Detector <sup>⑦⑮</sup>	
17	Condenser Coil Protection			No Smoke Detector	0
	Standard Coil	0		Return Air Smoke Detector <sup>⑧⑨</sup>	A
	Standard Coil with Hail Guard	1		Supply Air Smoke Detector	B
	Epoxy Coated Condenser Coil	2		Supply and Return Air Smoke Detectors <sup>⑧⑨</sup>	C
	Epoxy Coated Condenser Coil with Hail Guard	3	25	Monitoring Controls <sup>⑮</sup>	
18	Through the Base Provisions			No Monitoring Control <sup>⑮</sup>	0
	No Through the Base Provisions	0		Clogged Filter Switch <sup>⑩</sup>	1
	Through the Base Electric <sup>⑭</sup>	A		Fan Failure Switch <sup>⑩</sup>	2
19	Disconnect/Circuit Breaker/Phase Monitor (3 phase only)			Discharge Air Sensing Tube <sup>⑩</sup>	3
	No Disconnect/ Circuit Breaker/No Phase Monitor	0		Clogged Filter Switch and Fan Fail Switch <sup>⑩</sup>	4
	Non-Fused Disconnect <sup>⑭</sup>	1		Clogged Filter Switch and Discharge Air Sensing Tube <sup>⑩</sup>	5
				Fan Fail Switch and Discharge Air Sensing Tube <sup>⑩</sup>	6
				Clogged Filter and Fan Fail Switches and Discharge Air Sensing Tube <sup>⑩</sup>	7
				Novar Return Air Sensor <sup>⑩</sup>	8

① Enthalpy control not available factory installed with electro-mechanical controls.  
 ② Economizer with Barometric Relief is for downflow configured units only. Order Economizer without Barometric Relief for horizontal configuration. Barometric relief for horizontal configured units must be ordered as field installed accessory BAYBAR010A.  
 ③ Requires use of Disconnect or Circuit Breaker.  
 ④ Standard refrigeration metering device - short orifice.  
 ⑤ Froststat cannot be field installed in electro-mechanical units.  
 ⑥ High Pressure control is standard on 3 phase units with scroll compressors and in TSC036A.  
 ⑦ Not available with BAYFRST001A High Temperature Stat accessory.  
 ⑧ The return air smoke detector may not fit up or work properly on the Convertible units when used in conjunction with 3rd party accessories such as bolt on heat wheels, economizers and power exhaust. Do not order the return air smoke detectors when using this type of accessory.  
 ⑨ Return Air Smoke Detector cannot be ordered with Novar Controls.  
 ⑩ These options are standard when ordering Novar Controls.  
 ⑪ This options for use when ordering Novar Control only.  
 ⑫ The manual outside air damper will ship factory supplied within the unit, but must be field installed.  
 ⑬ Requires Selection of 2" Pleated Filters (Option B or C) for Digit 16.  
 ⑭ Through the base electric required when ordering disconnect/circuit breaker options.  
 ⑮ Phase Monitor is standard on T/Y/WSC060A3,4,W models. All other models Phase Monitor will be an option.  
 ⑯ Not available with electro-mechanical unit controls.

## Heaters (Digit 10)

kW Rating	Digit	Nominal BTUH	No. Stages	Used With	kW Rating	Digit	Nominal BTUH	No. Stages	Used With
<b>208/240/1/60</b>					<b>460/3/60</b>				
3.7/5.0	(A)	12,800/17,100	1	T*C036-060A1	6.0	(B)	20,500	1	T*C036-060A4
7.5/10.0	(D)	25,600/34,100	2	T*C036-060A1	12.0	(E)	41,000	2	T*C036-060A4
10.3/13.8	(F)	35,300/47,100	2	T*C036-060A1	17.6	(G)	59,400	2	T*C036-060A4
13.2/17.6	(G)	45,100/60,100	2	T*C048-060A1	23.0	(J)	78,500	2	T*C060A4
<b>208/240/3/60</b>					<b>575/3/60</b>				
4.5/6.0	(B)	13,400/20,500	1	T*C036-060A3	9.0	(C)	30,700	1	T*C072-102A4
9.0/12.0	(E)	30,800/59,400	2	T*C036-060A3	18.0	(G)	61,400	1	T*C072-120A4
13.2/17.6	(G)	44,600/59,400	2	T*C036-060A3	27.0	(K)	92,100	2	T*C072-120A4
17.2/23.0	(J)	58,900/78,500	2	T*C060A3	36.0	(N)	122,900	2	T*C072-120A4
6.75/9.0	(C)	23,000/30,700	1	T*C072-102A3	54.0	(P)	184,300	2	T*C120A4
13.5/18.0	(G)	46,100/61,400	1	T*C072-120A3	6.0	(B)	20,500	1	T*C036-060AW
20.3/27.0	(K)	69,000/92,100	2	T*C072-120A3	12.0	(E)	41,000	2	T*C036-060AW
27.0/36.0	(N)	92,200/122,900	2	T*C072-120A3	17.6	(G)	59,400	2	T*C036-060AW
40.5/54.0	(P)	138,200/184,300	2	T*C120A3	23.0	(J)	78,500	2	T*C060AW
					9.0	(C)	30,700	1	T*C072-102AW
					18.0	(G)	61,400	1	T*C072-120AW
					27.0	(K)	92,100	2	T*C072-120AW
					36.0	(N)	122,900	2	T*C072-120AW
					54.0	(P)	184,300	2	T*C120AW



# Packaged Cooling Convertible 3-10 Tons

Table PC-30-A — Accessory Electric Heaters – Unit with heater is single circuit / single point power entry

Model Number	Power Supply	kW Rating	Nominal BTUH	No. Stages	Used With <sup>Ⓞ</sup>
BAYHTRR306A	208/240/3/60	4.5/6.0	13,400/20,500	1	T*C036-060A3
BAYHTRR312A	208/240/3/60	9.0/12.0	30,800/41,000	2	T*C036-060A3
BAYHTRR318A	208/240/3/60	13.1/17.4	44,600/59,400	2	T*C036-060A3
BAYHTRR323A	208/240/3/60	17.3/23.0	58,900/78,500	2	T*C060A3
BAYHTRS309A	208/240/3/60	6.75/9.0	23,000/30,700	1	T*C072A3,TSC090,092A3
BAYHTRS318A	208/240/3/60	13.5/18.0	46,100/61,400	1	T*C072A3,TSC090,092A3
BAYHTRS327A	208/240/3/60	20.3/27.0	69,000/92,100	2	T*C072A3,TSC090,092A3
BAYHTRS336A	208/240/3/60	27.0/36.0	92,200/122,900	2	T*C072A3,TSC090,092A3
BAYHTRT309A	208/240/3/60	6.75/9.0	23,000/30,700	1	THC092A3,T*C102A3
BAYHTRT318A	208/240/3/60	13.5/18.0	46,100/61,400	1	THC092A3,T*C102,120A3
BAYHTRT327A	208/240/3/60	20.3/27.0	69,000/92,100	2	T*C102,120A3,THC092A
BAYHTRT336A	208/240/3/60	27.0/36.0	92,200/122,900	2	THC092A3,T*C102,120A3
BAYHTRT354A	208/240/3/60	40.5/54.0	138,200/184,300	2	T*C120A3
BAYHTRR406A	460/3/60	6.0	20,500	1	T*C036-060A4
BAYHTRR412A	460/3/60	12.0	41,000	2	T*C036-060A4
BAYHTRR418A	460/3/60	17.4	59,400	2	T*C036-060A4
BAYHTRR423A	460/3/60	23.0	78,500	2	T*C060A4
BAYHTRS409A	460/3/60	9.0	30,700	1	T*C072A4,TSC090,092A4
BAYHTRS418A	460/3/60	18.0	61,400	1	T*C072A4,TSC090,092A4
BAYHTRS427A	460/3/60	27.0	92,100	2	T*C072A4,TSC090,092A4
BAYHTRS436A	460/3/60	36.0	122,900	2	T*C072A4,TSC090,092A4
BAYHTRT409A	460/3/60	9.0	30,700	1	THC092A4,T*C102A4
BAYHTRT418A	460/3/60	18.0	61,400	1	THC092A4,T*C102,120A4
BAYHTRT427A	460/3/60	27.0	92,100	2	THC092A4,T*C102,120A4
BAYHTRT436A	460/3/60	36.0	122,900	2	THC092A4,T*C102-120A4
BAYHTRT454A	460/3/60	54.0	184,300	2	T*C120A4
BAYHTRRW06A	575/3/60	6.0	20,500	1	T*C036-060AW
BAYHTRRW12A	575/3/60	12.0	41,000	2	T*C036-060AW
BAYHTRRW18A	575/3/60	17.4	59,400	2	T*C036-060AW
BAYHTRRW23A	575/3/60	23.0	78,500	2	T*C060AW
BAYHTRSW09A	575/3/60	9.0	30,700	1	T*C072AW,TSC090,092AW
BAYHTRSW18A	575/3/60	18.0	61,400	1	T*C072AW,TSC090,092AW
BAYHTRSW27A	575/3/60	27.0	92,100	2	T*C072AW,TSC090,092AW
BAYHTRSW36A	575/3/60	36.0	122,900	2	T*C072AW,TSC090,092AW
BAYHTRTW18A	575/3/60	18.0	61,400	1	THC092AW,T*C102,120AW
BAYHTRTW27A	575/3/60	27.0	92,100	2	THC092AW,T*C102,120AW
BAYHTRTW36A	575/3/60	60	122,900	2	THC092AW,T*C102,120AW
BAYHTRTW54A	575/3/60	54.0	184,300	2	T*C120AW

Ⓞ A=R-22



# Packaged Cooling Convertible 3-10 Tons

**Table PC-31-A — Accessories**

Model Number	Description	Used With <sup>Ⓣ</sup>
BAYABRD001C	ReliaTel™ Options Module	See Note <sup>Ⓢ</sup>
BAYASCT001 <sup>Ⓢ</sup> *	Anti-Short-Cycle Timer	T*C036-060(A or E)_E
BAYBARM010A <sup>Ⓢ</sup>	Barometric Relief	T*C036-060(A or E)
BAYBARM011A <sup>Ⓢ</sup>	Barometric Relief	T*C072-120A
BAYCCHT010B	Crankcase Heater	THC072A3, T*C072-120A3
BAYCCHT011B	Crankcase Heater	THC072A4,AW, T*C072-120A4,AW
BAYCCHT012A	Crankcase Heater	T*C090A3
BAYCCHT013A	Crankcase Heater	T*C090A4
BAYCCHT014A	Crankcase Heater	T*C090AW
ASYSTAT712A <sup>Ⓢ</sup>	CO <sup>2</sup> Sensor Kit, Wall Mounted	T*C036-060(A or E)_R, T*C072-120A_R w/Economizer
ASYSTAT714A <sup>Ⓢ</sup>	CO <sup>2</sup> Sensor Kit, Duct Mounted	T*C036-060(A or E)_R, T*C072-120A_R w/Economizer
BAYCURB042A <sup>Ⓢ</sup>	Roof Curb	T*C036-060(A or E)
BAYCURB043A <sup>Ⓢ</sup>	Roof Curb	T*C072-120A
BAYDFPS003A <sup>Ⓢ</sup>	Clogged Filter Switch	T*C036-060(A or E), T*C072-120A_R
BAYDFPS004A <sup>Ⓢ</sup>	Fan Failure Switch	T*C036-060(A or E), T*C072-120A_R
BAYDMPR051A <sup>Ⓢ</sup>	0-50% Motorized Outside Air Damper	T*C036-060(A or E)_R
BAYDMPR052A <sup>Ⓢ</sup>	0-50% Motorized Outside Air Damper	T*C036-060(A or E)_E
BAYDMPR053B <sup>Ⓢ</sup>	0-50% Manual Outside Air Damper	T*C036-060(A or E)
BAYDMPR054A <sup>Ⓢ</sup>	0-50% Motorized Outside Air Damper	T*C072-120A_R
BAYDMPR055A <sup>Ⓢ</sup>	0-50% Motorized Outside Air Damper	T*C072-120A_E
BAYDMPR056B <sup>Ⓢ</sup>	0-50% Manual Outside Air Damper	T*C072-120A
BAYECON085A <sup>Ⓢ</sup>	0-100% Dry Bulb Economizer without Barometric Relief	T*C036-060(A or E)_R
BAYECON086A <sup>Ⓢ</sup>	0-100% Dry Bulb Economizer without Barometric Relief	T*C036-060(A or E)_E
BAYECON087A <sup>Ⓢ</sup>	0-100% Dry Bulb Economizer without Barometric Relief	T*C072-120A_R
BAYECON088A <sup>Ⓢ</sup>	0-100% Dry Bulb Economizer without Barometric Relief	T*C072-120A_E
BAYENTH005A <sup>Ⓢ</sup>	Reference Enthalpy Kit	BAYECON085A, 087A
BAYENTH006A <sup>Ⓢ</sup>	Comparative Enthalpy Kit	BAYECON085A, 087A
BAYENTH001A	Enthalpy Control (Solid State)	BAYECON086A, 088A
BAYFRST001A	High Temperature Stat	T*C036-060(A or E), T*C072-120A_R
BAYGARD036B	Condenser Coil Hail Guard	TSC036-060(A or E), THC036,048(A or E)
BAYGARD037B	Condenser Coil Hail Guard	THC060(A or E)
BAYGARD040B	Condenser Coil Hail Guard	THC072, 090
BAYGARD041B	Condenser Coil Hail Guard	TSC102, 120A, THC092,102,120A
BAYHSR012A	High Static Drive Kit	T*C072A, TSC090,092A
BAYHSMT073A	45 HP Oversized motor kit	T*C036(A or E)1,(A or E)3
BAYHSMT074A	45 HP Oversized motor kit	T*C036(A or E)4
BAYHSMT075A	45 HP Oversized motor kit	T*C036(A or E)W
BAYHSMT076A	75 HP Oversized motor kit	T*C048(A or E)1,(A or E)3
BAYHSMT077A	75 HP Oversized motor kit	T*C048(A or E)4
BAYHSMT078A	75 HP Oversized motor kit	T*C048(A or E)W
BAYHSMT079A	1.2 HP Oversized motor kit	T*C060(A or E)1,(A or E)3
BAYHSMT080A	1.2 HP Oversized motor kit	T*C060(A or E)4
BAYHSMT081A	1.2 HP Oversized motor kit	T*C060(A or E)W
BAYHSMT082A	2 HP Oversized motor kit	T*C072A3, A4
BAYHSMT083A	2 HP Oversized motor kit	T*C072AW
BAYHSMT084A	3 HP Oversized motor kit	T*C090, 092A3, A4
BAYHSMT085A	3 HP Oversized motor kit	T*C090, 092AW
BAYHSMT086A	3 HP Oversized motor kit	T*C102A3,A4, THC092A3,A4
BAYHSMT087A	3 HP Oversized motor kit	T*C102AW, THC092AW
BAYHSMT088A	5 HP Oversized motor kit	T*C120A3, A4
BAYHSMT089A	5 HP Oversized motor kit	T*C120AW
BAYICSI003A <sup>Ⓢ</sup>	Comm 3/4 Communications Interface (TCI)	T*C036-060(A or E), T*C072-120A_R
BAYKSKT255A	Quick Start Kit	THC060A1, TSC048-060A1
BAYKSKT256A	Quick Start Kit	TSC036(A or E)1
BAYLOAM020B <sup>Ⓢ</sup>	Evaporator Defrost Control (Frostat)	T*C036-060(A or E), T*C072-120A_R
BAYLTCl002B <sup>Ⓢ</sup>	LonTalk® Communications Interface (LCI)	T*C036-060(A or E), T*C072-120A_R
BAYPWRX026A <sup>Ⓢ</sup>	Power Exhaust	T*072-120A3
BAYPWRX027A <sup>Ⓢ</sup>	Power Exhaust	T*072-120A4
BAYPWRX028A <sup>Ⓢ</sup>	Power Exhaust	T*072-120AW
BAYQACB009A <sup>Ⓢ</sup>	Quick Adapt Roof Curb	T*C036-060(A or E)
BAYQACB010A <sup>Ⓢ</sup>	Quick Adapt Roof Curb	T*C036-060(A or E)
BAYQACB011A <sup>Ⓢ</sup>	Quick Adapt Roof Curb	T*C072-120A
BAYQACB012A <sup>Ⓢ</sup>	Quick Adapt Roof Curb	T*C072-120A
BAYQACB013A <sup>Ⓢ</sup>	Quick Adapt Roof Curb	T*C072-120A
BAYSTAT023 <sup>Ⓢ</sup>	Remote Potentiometer	BAYECON085A, 087A
BAYSERV001A <sup>Ⓢ</sup>	Selective Resistance Service Tester	T*C036-060(A or E), T*C072-120A_R
BAYSENS016A <sup>Ⓢ</sup>	Temperature Sensor	T*C036-060(A or E)_R
BAYTUBE005A <sup>Ⓢ</sup>	Discharge Air Sensing Kit	T*C036-060(A or E)_R
BAYTUBE007A <sup>Ⓢ</sup>	Discharge Air Sensing Kit	T*C072-120_R
BAYVNOR001B <sup>Ⓢ</sup>	Ventilation Override Kit w/ReliaTel™ options module	T*C036-060(A or E), T*C072-120A_R

- ① Kits contain all necessary parts to achieve desired level of enthalpy control.
- ② For ReliaTel™ microprocessor controlled units only. Must be factory installed for electromechanical controlled units
- ③ Used for true discharge air sensing in both heating and cooling. Required for supply air tempering.
- ④ Lynn Haven Manufacturing has a No-Return policy for this roof curb.
- ⑤ For use with ReliaTel™ controlled units only
- ⑥ Barometric Relief accessory installs in ductwork for horizontal configuration. For downflow configuration, installs in the unit's horizontal return duct. See Installer's Guide for complete instructions.
- ⑦ Cannot be used in conjunction with factory installed smoke detector.
- ⑧ BAYABRD001C is required when ordering field installed accessories Clogged Filter Switch (BAYDFPS003A), Fan Fail Switch (BAYDFPS004A), Discharge Air Sensing Kit (BAYTUBE004A) or Evaporator Defrost Control (Frostat) (BAYLOAM020B) Ventilation Override Kit (BAYVNOR001B) unless the following options are factory installed: Frostat, Smoke Detector, Clogged Filter Switch, Fan Failure Switch, Discharge Air Sensing Kit. These factory installed options include the ReliaTel™ Options Module.
- ⑨ BAYQACB009A adapts dedicated airflow rooftop BAYCURB021B to accept Convertible 3-5 ton unit. BAYQACB010A adapts dedicated airflow rooftop BAYCURB022B to accept Convertible unit.
- ⑩ For use with electromechanical controlled units only.
- ⑪ Cannot be used in conjunction with Barometric Relief. Order Economizer without Barometric Relief.
- ⑫ BAYQACB012A adapts dedicated airflow rooftop BAYCURB025A to accept Convertible 6-10 ton unit. BAYQACB013A adapts dedicated airflow rooftop BAYCURB026A to accept Convertible 6-10 ton unit. BAYQACB011A adapts dedicated airflow rooftop BAYCURB022 to accept Convertible 6-10 ton unit.
- ⑬ Interface allows a unit with ReliaTel™ Controls to communicate with Tracer 100, Tracker, VariTrac II, and is the preferred method of communication to Tracer Summit.
- ⑭ Activated on Power On.
- ⑮ Field installed accessory requires economizer.
- ⑯ The manual outside air damper will ship factory supplied within the unit, but must be field installed.
- ⑰ A=R-22, E=410A.

\* Either Standard or High Efficiency.

For complete equipment / combination selections and installation instructions, please refer to Product Data and/or Installers Guides.



# Packaged Cooling Convertible 3 through 10 Tons

**Table PC-32-A — Zone Sensors for ReliaTel™ Controlled Units:**

Model Number	Description	Used with
ASYSTAT661B	Single Setpoint Manual Changeover	T*C036-120A_R
ASYSTAT663B	Dual Setpoint Manual or Auto Changeover	T*C036-120A_R
ASYSTAT666C	Programmable Night Setback w/System Function Lights	T*C 036-120A_R
ASYSTAT669A	Remote Room Sensor	ASYSTAT661B,663B, ASYSTAT669A
ASYSTAT708A	Dual Thermistor Remote Zone Sensor	T*C036-120A_R
ASYSTAT709	Digital Display Zone Sensor	T*C036-120A_R
ASYSTAT710A	Wall Mounted Humidity Sensor	T*C036, 120A, 3, 4, W-R
ASYSTAT711A	Duct Mounted Humidity Sensor	T*C036-120A-B
BAYMTPL003B	Retrofit Wall Cover Plate Kit 7.25" x 6.0"	ASYSTAT669A
BAYMTPL004B	Retrofit Wall Cover Plate Kit 4.75" x 4.75"	ASYSTAT661B,663B, ASYSTAT669A

**Table PC-32-B — Thermostats**

Model Number	Description	Used with
ACONT200AN11AA	Electronic 1 Htg/1 Cool	T*C036-090A
ASYSTAT610④	1-Stage Heating/Cooling	ASYSTAT616,617
ASYSTAT611④	2-Stage Heating/Cooling	ASYSTAT616,617
ASYSTAT616①	Auto Changeover Subbase	ASYSTAT610,611
ASYSTAT617	Manual Changeover Subbase	ASYSTAT610,611
ASYSTAT620⑤	Prog Electronic Setback 3Htg/2Clg	T*C036-120A_E
ASYSTAT621⑤	Prog Electronic Setback 1Htg/1 Clg	T*C036-120A_E
ASYSTAT625⑥	Humidistat	THC060&120A3,4R
ASYSTAT705B②	Programmable Thermostat	T*C036-120A
ASYSTAT706A	Remote Wall Sensor	ASYSTAT705B
BAY24X042	DPDT Fan and Electric Heat Relay	ASYSTAT616
BAY28X190③	Locking Thermostat Cover for up to 4 units	Room Thermostats
BAYBASE006A	Subbase 2-Stage Htg./Clg.	ASYSTAT705B
BAYBASE008A	Subbase 1-Stage Htg./Clg.	ASYSTAT705B
BAYSENS034A	Remote Duct Sensor	ASYSTAT705B

① Requires DPDT Fan and Electric Heat Relay BAY24x042 when using electric heat.

② Requires subbase BAYBASE006A or BAYBASE008A.

③ Do not use with programmable thermostats.

④ Requires subbase.

⑤ Do not use with microprocessor controlled units.

⑥ Same as BAYSTAT253.

\* Either standard or high efficiency models

**For additional Controls Information:**

See ReliaTel™ and Micro Control features on PC-35 and PC-36.



# Light Commercial Packaged Cooling New Model Reference Chart

Table PC-33-A — Quick Reference

Horizontal	Downflow	Controls	Ordering Number	Service Model Number
	TCD036C100B	Micro-Proc Electro-Mech	TSC036*1R0A0000 TSC036*1E0A0000	TSC036*1R0A**000000000000 TSC036*1E0A**000000000000
	TCD036C300B	Micro-Proc Electro-Mech	TSC036*3R0A0000 TSC036*3E0A0000	TSC036*3R0A**000000000000 TSC036*3E0A**000000000000
	TCD036C400B	Micro-Proc Electro-Mech	TSC036*4R0A0000 TSC036*4E0A0000	TSC036*4R0A**000000000000 TSC036*4E0A**000000000000
TCH048C100B	TCD048C100B	Micro-Proc Electro-Mech	TSC048*1R0A0000 TSC048*1E0A0000	TSC048*1R0A**000000000000 TSC048*1E0A**000000000000
TCH048C300B	TCD048C300B	Micro-Proc Electro-Mech	TSC048*3R0A0000 TSC048*3E0A0000	TSC048*3R0A**000000000000 TSC048*3E0A**000000000000
TCH048C400B	TCD048C300B	Micro-Proc Electro-Mech	TSC048*4R0A0000 TSC048*4E0A0000	TSC048*4R0A**000000000000 TSC048*4E0A**000000000000
TCH048CW00B	TCD048CW00B	Micro-Proc Electro-Mech	TSC048*WR0A0000 TSC048*WE0A0000	TSC048*WR0A**000000000000 TSC048*WE0A**000000000000
TCH060C100B	TCD060C100B	Micro-Proc Electro-Mech	TSC060*1R0A0000 TSC060*1E0A0000	TSC060*1R0A**000000000000 TSC060*1E0A**000000000000
TCH060C300B	TCD060C300B	Micro-Proc Electro-Mech	TSC060*3R0A0000 TSC060*3E0A0000	TSC060*3R0A**000000000000 TSC060*3E0A**000000000000
TCH060C400B	TCD060C400B	Micro-Proc Electro-Mech	TSC060*4R0A0000 TSC060*4E0A0000	TSC060*4R0A**000000000000 TSC060*4E0A**000000000000
TCH060CW00B	TCD060CW00B	Micro-Proc Electro-Mech	TSC060*WR0A0000 TSC060*WE0A0000	TSC060*WR0A**000000000000 TSC060*WE0A**000000000000

\*Digit 7- A=R-22, E=410A.

NOTE: N/A indicates that an Ordering Number has not yet been set up for the indicated model.



# Light Commercial Packaged Cooling New Model Reference Chart

Table PC-34-A — Quick Reference

Horizontal	Downflow	Controls	Ordering Number	Service Model Number
TCH074C300B	TCD074C300B	Micro-Proc	TSC072A3R0A0000	TSC072A3R0A**000000000000
		Electro-Mech	TSC072A3E0A0000	TSC072A3E0A**000000000000
TCH074C400B	TCD074C400B W 575 Volt	Micro-Proc	TSC072A4R0A0000	TSC072A4R0A**000000000000
		Electro-Mech	TSC072A4E0A0000	TSC072A4E0A**000000000000
		Micro-Proc	TSC072AWR0A0000	TSC072AWR0A**000000000000
		Electro-Mech	TSC072AWE0A0000	TSC072AWE0A**000000000000
TCH075C300B	TCD075C300B	Micro-Proc	THC072A3R0A0000	THC072A3R0A**000000000000
		Electro-Mech	THC072A3E0A0000	THC072A3E0A**000000000000
TCH075C400B	TCD075C400B	Micro-Proc	THC072A4R0A0000	THC072A4R0A**000000000000
		Electro-Mech	THC072A4E0A0000	THC072A4E0A**000000000000
TCH075CW00B	TCD075CW00B	Micro-Proc	THC072AWR0A0000	THC072AWR0A**000000000000
		Electro-Mech	THC072AWE0A0000	THC072AWE0A**000000000000
TCH090D300B	TCD090D300B	Micro-Proc	TSC090A3R0A0000	TSC090A3R0A**000000000000
		Electro-Mech	TSC090A3E0A0000	TSC090A3E0A**000000000000
TCH090D400B	TCD090D400B	Micro-Proc	TSC090A4R0A0000	TSC090A4R0A**000000000000
		Electro-Mech	TSC090A4E0A0000	TSC090A4E0A**000000000000
TCH090DW00B	TCD090DW00B	Micro-Proc	TSC090AWR0A0000	TSC090AWR0A**000000000000
		Electro-Mech	TSC090AWE0A0000	TSC090AWE0A**000000000000
TCH091D300B	TCD091D300B	Micro-Proc		THC090A3R0A**000000000000
		Electro-Mech		THC090A3E0A**000000000000
TCH091D400B	TCD091D400B W 575 Volt	Micro-Proc		THC090A4R0A**000000000000
		Electro-Mech		THC090A4E0A**000000000000
		Micro-Proc		THC090AWR0A**000000000000
		Electro-Mech		THC090AWE0A**000000000000
TCH102C300A	TCD102C300A	Micro-Proc	TSC102A3R0A0000	TSC102A3R0A**000000000000
		Electro-Mech	TSC102A3E0A0000	TSC102A3E0A**000000000000
TCH102C400A	TCD102C400A	Micro-Proc	TSC102A4R0A0000	TSC102A4R0A**000000000000
		Electro-Mech	TSC102A4E0A0000	TSC102A4E0A**000000000000
TCH102CW00A	TCD102CW00A	Micro-Proc	TSC102AWR0A0000	TSC102AWR0A**000000000000
		Electro-Mech	TSC102AWE0A0000	TSC102AWE0A**000000000000
TCH103C300A	TCD103C300A	Micro-Proc	THC102A3R0A0000	THC102A3R0A**000000000000
		Electro-Mech	THC102A3E0A0000	THC102A3E0A**000000000000
TCH103C400A	TCD103C400A	Micro-Proc	THC102A4R0A0000	THC102A4R0A**000000000000
		Electro-Mech	THC102A4E0A0000	THC102A4E0A**000000000000
TCH103CW00A	TCD103CW00A	Micro-Proc	THC102AWR0A0000	THC102AWR0A**000000000000
		Electro-Mech	THC102AWE0A0000	THC102AWE0A**000000000000
TCH120C300A	TCD120C300A	Micro-Proc	TSC120A3R0A0000	TSC120A3R0A**000000000000
		Electro-Mech	TSC120A3E0A0000	TSC120A3E0A**000000000000
TCH120C400A	TCD120C400A	Micro-Proc	TSC120A4R0A0000	TSC120A4R0A**000000000000
		Electro-Mech	TSC120A4E0A0000	TSC120A4E0A**000000000000
TCH120CW00A	TCD120CW00A	Micro-Proc	TSC120AWR0A0000	TSC120AWR0A**000000000000
		Electro-Mech	TSC120AWE0A0000	TSC120AWE0A**000000000000
TCH121C300A	TCD121C300A	Micro-Proc	THC120A3R0A0000	THC120A3R0A**000000000000
		Electro-Mech	THC120A3E0A0000	THC120A3E0A**000000000000
TCH121C400A	TCD121C400A	Micro-Proc	THC120A4R0A0000	THC120A4R0A**000000000000
		Electro-Mech	THC120A4E0A0000	THC120A4E0A**000000000000
TCH121CW00A	TCD121CW00A	Micro-Proc	THC120AWR0A0000	THC120AWR0A**000000000000
		Electro-Mech	THC120AWE0A0000	THC120AWE0A**000000000000

NOTE: N/A indicates that an Ordering Number has not yet been set up for the indicated model.



#### **Alternating Lead/Lag – Dual Compressor Models Only —**

During periods of part load operation, each compressor cycles alternately as circuit number one, equalizing compressor wear and run time. Enabled by cutting the wire (BLUE) at (RTRM) junction number J3-8. **Standard**

**Anti Short Cycle Timer (ASCT) Function —** Provides a three (3) minute minimum “ON” time and a three (3) minute minimum “OFF” time for compressors, enhances compressor reliability by ensuring proper oil return. **Standard**

**Built In Evaporator Defrost Control (EDC) Function —** Provides low ambient cooling down to 0°F. **Standard**

**Built In Fan Delay Relay (FDR) Function —** Provides custom indoor fan timing sequences for the different types of equipment, enhancing efficiency and reliability. **Standard**

**Built In Night Set Back and Unoccupied Functions**① — When using a standard dual setpoint/auto change over Zone Sensor Module (ZSM), this function is enabled by applying a short across terminal J6-11 and J6-12. Sets cooling setpoint up a minimum of 7°F, sets heating setpoint back a minimum of 7°F, forces outside air damper (if present) minimum position to zero, and forces fan operation to automatic. **Accessory (requires time clock accessory or field supplied/installed switch or contacts).**

**Built In “TEST” Mode —** Aids in quick verification of system and control operation, exercises both hardware and software (no special tools required). **Standard**

**Built In Unoccupied Mode**① — When using a standard single setpoint/manual change over Zone Sensor Module (ZSM), this function is enabled by applying a short across terminal J6-11 and J6-12. Forces outside air damper (if present) minimum position to zero, forces fan operation to automatic. **Accessory (requires time clock accessory or field supplied/installed switch or contacts.)**

**Direct Digital Control (DDC)**① — Proportional Integral (PI) control. Proportional – sets corrective action proportional to deviation from setpoint. Integral – fine tunes the rate of corrective action proportional to the error (results in superior space temperature control). **Standard**

**Economizer Preferred Cooling**① — Provides fully integrated operation if required. Will not turn on a compressor with the economizer, if the space is recovering adequately with the economizer alone (0.2°F/minute). Allows the equipment to be utilized in more varied applications. **Standard with economizer accessory.**

**Emergency Stop Terminals On Low Voltage Terminal Board (LTB-5 and LTB-6) —** Provides a convenient point to disable the equipment completely, and immediately. Still provides communication to BAS. **Standard**

**Heat Pump Smart Recovery and Smart Staging**① — Inhibits auxiliary heat operation if the space is recovering adequately (0.1°F/minute) with the heat pump alone, providing considerable savings in operating costs. **Standard**

**Heat Pump Soft Start —** Provides a smooth transition into heating after defrost, minimizing noise and compressor stress associated with switch over. **Standard**

**Increased Reliability —** Fewer components (moving electro-mechanical parts), less likelihood of equipment down time or failure. **Standard**

**Integral Electric Heat Staging**① — Stages electric heaters “OFF” and “ON”, eliminating the use of outdated sequencers. **Standard**

**Intelligent Fallback**① — A built in Default Control provides adaptive operation, which allows the equipment to continue to operate, providing comfort in the event of certain component failures. Also, allows emergency operation without a Zone Sensor Module (ZSM). **Standard**

**Low Ambient Start Timer (LAST) Function —** Bypasses low pressure control when a compressor starts, eliminating nuisance compressor lock outs. **Standard**

**Lower Installation Cost —** Using a standard Zone Sensor Module (ZSM), control voltage wiring may be run up to five (5) times further than any electromechanical system, with no increase in wire gauge. Example: Electromechanical System – 30 feet maximum using 22 gauge wire. Micro Control System – 150 feet using 22 gauge wire. **Standard**

**On Board Diagnostics**① — Assist with equipment troubleshooting, if a problem occurrence should take place. **Standard**

**Remote Sensing**① — All standard Zone Sensor Modules (ZSMs) have remote sensing capabilities, typically achieved by using an expensive programmable thermostat and remote sensor with electromechanical equipment. **Accessory (requires use of remote sensor).**

**Selectable Economizer Dry Bulb Change Over —** Allows the capability of selecting the following dry bulb change over points: 63, 67, 70 or 73°F. **Standard with economizer accessory.**

**Space Temperature Averaging**① — All standard Zone Sensor Modules (ZSMs) have space temperature averaging capabilities, typically achieved by using an expensive programmable thermostat and minimum of four (4) remote sensors with electromechanical equipment. **Averaging with ReliaTel™ can be achieved with two (2) sensors.**

**Supply Air Tempering**① — A built in feature, once enabled only through an ICS device, may also be enabled using a digital or programmable Zone Sensor Module. When in the HEAT mode (and not actively heating), if supply air temperature drops 10°F below the heating setpoint, heat is turned on until supply air temperature rises to a point 10°F above the heating setpoint. Provides temperate air during the “OFF” cycle, and eliminates cold air dumping from supply ducts. Extremely effective when introducing any quantity of fresh air. **Standard when using a RTOM, ICS device, digital, or programmable Zone Sensor Module.**

**Time Delay Relay (TDR) Function —** Provides an incremental staging delay between compressors, minimizes equipment current inrush and consumption by keeping compressors from starting simultaneously. **Standard**

**Low Pressure and High Pressure Compressor Lockout —** 3 trips will lockout control.

① Denotes features lost from utilizing standard conventional stat.



## Micro Control

### Operation With A Thermostat

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When the ReliaTel™ RTRM Thermostat Interface is used, equipment operation differs significantly. The basic equipment protection features remain intact, and the following features and benefits are lost:

- Direct Digital Control (DDC) – Proportional Integral (PI) control is lost, equipment is controlled by a thermostat or generic building automation system device.
- Intelligent Fall back is lost, if a failure occurs in the device controlling the equipment, operation will cease.
- Installation is more costly, with the addition of a thermostat or generic control, the control wiring size must be increased.
- Heat Pump Smart Recovery and Smart Staging is lost, Heat Pump operation becomes more costly unless generic control being applied can accomplish this.
- Remote Sensing capabilities are lost, unless generic control being applied can accomplish this.
- Low ambient disabled economizer and second condensing fan cycling capability.
- Space Temperature Averaging capabilities are lost, unless generic control being applied can accomplish this.
- Supply Air Tempering feature is lost, discharge air temperature may be cold when not actively heating if outdoor air is being introduced through the equipment.
- Built In Night Set Back and Unoccupied functions are lost, unless generic control being applied can accomplish this.
- Built In Unoccupied Mode is lost, unless generic control being applied can accomplish this.
- Economizer Preferred Cooling Feature is lost, all compressor operation is locked out below 50°F.

*American  
Standard*

## Convertible 3 through 5 Tons 13 SEER Packaged Cooling

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### Featuring A New Look for a New Century

Beveled Top  
Smoother Design  
Small compact cabinet  
Recessed access handles



### Standard Features:

- American Standard built scroll compressors on all 3-5 ton units
- Colored and numbered wiring
- Provisions for through the Base Condensate Drain Connections
- Patented Hybrid Condenser Coil for easy cleaning
- 1" throwaway filters provided on 3-5 ton units
- Liquid Line Refrigerant Drier
- Operating Charge of R-22
- IAQ Sloped Drain Pans
- Single point power for Electric Heat
- Low Ambient to 40°F on Electromechanical models
- Low Ambient to 0°F on Microprocessor models
- 5 - year Limited Compressor Warranty
- 1 - year Limited Parts Warranty

### Added Flexibility

- Electromechanical or ReliaTel™ controls (**See pages PC-35 for ReliaTel™ Control Information**)
- Convertible airflow (ships in downflow application)
- Fork lift openings on three sides of unit
- Belt drive - standard or oversized motors
- We don't prepackage options
- Choose options tailored to suit each job —pay only for what is needed
- Units ship with options installed —and within our standard ship cycle time

### Factory Installed Options

- Through-the-Base — Electrical
- Convenience Outlet — Powered or unpowered
- Unit Disconnect Switch
- Smoke Detectors — Supply, return, or both
- Condenser Coil Coating
- Hinged Access Service Panels
- Discharge Air Sensor
- Fan Fail and Clogged Filter Switches
- Condenser Coil Guard — Hail Protection Quality
- TXV thermal expansion valve and split face evaporator coil standard
- Dehumidification Hot Gas Reheat Coil
- Novar Controls
- 2" Pleated Media filters
- Phase Monitor

***The same American Standard Quality and  
Reliability ... with added Flexibility!***



# Packaged Cooling Convertible 3-5 Tons 13 SEER R-22

**Table PC-38-A — Base Unit — 13 SEER High Efficiency — Electromechanical**

Tons	Unit Ordering No.	Performance <sup>③</sup> SEER/EER	Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA*	Max <sup>①</sup> Fuse*
<b>THC – 208-230/3/60 – Three Phase – No Heat</b>									
3	THC033A3E0A0000	13.0	38,000	32 x 44 x 70	18 x 15.5	24 x 14	549	19.9	30
4	THC043A3E0A0000	13.0	49,800	32 x 44 x 70	18 x 15.5	24 x 14	591	22.6	35
5	THC063A3E0A0000	13.0	62,400	36 x 44 x 70	18 x 15.5	24 x 14	641	28.8	45
<b>THC – 460/3/60 – Three Phase – No Heat</b>									
3	THC033A4E0A0000	13.0	38,000	32 x 44 x 70	18 x 15.5	24 x 14	549	10.4	15
4	THC043A4E0A0000	13.0	49,800	32 x 44 x 70	18 x 15.5	24 x 14	591	11.8	15
5	THC063A4E0A0000	13.0	62,400	36 x 44 x 70	18 x 15.5	24 x 14	641	14.3	20
<b>THC – 575/3/60 – Three Phase – No Heat</b>									
3	THC033AWE0A0000	13.0	38,000	32 x 44 x 70	18 x 15.5	24 x 14	549	7.7	15
4	THC043AWE0A0000	13.0	49,800	32 x 44 x 70	18 x 15.5	24 x 14	591	8.5	15
5	THC063AWE0A0000	13.0	62,400	36 x 44 x 70	18 x 15.5	24 x 14	641	11.4	15

**Table PC-38-B — Base Unit — 13 SEER High Efficiency — ReliaTel™ Microprocessor Controls**

Tons	Unit Ordering No.	Performance <sup>③</sup> SEER/EER	Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA*	Max <sup>①</sup> Fuse*
<b>THC – 208-230/3/60 – Three Phase – No Heat</b>									
3	THC033A3R0A0000	13.0	38,000	32 x 44 x 70	18 x 15.5	24 x 14	549	19.9	30
4	THC043A3R0A0000	13.0	49,800	32 x 44 x 70	18 x 15.5	24 x 14	591	22.6	35
5	THC063A3R0A0000	13.0	62,400	36 x 44 x 70	18 x 15.5	24 x 14	641	28.8	45
<b>THC – 460/3/60 – Three Phase – No Heat</b>									
3	THC033A4R0A0000	13.0	38,000	32 x 44 x 70	18 x 15.5	24 x 14	549	10.4	15
4	THC043A4R0A0000	13.0	49,800	32 x 44 x 70	18 x 15.5	24 x 14	591	11.8	15
5	THC063A4R0A0000	13.0	62,400	36 x 44 x 70	18 x 15.5	24 x 14	641	14.3	20
<b>THC – 575/3/60 – Three Phase – No Heat</b>									
3	THC033AWR0A0000	13.0	38,000	32 x 44 x 70	18 x 15.5	24 x 14	549	7.7	15
4	THC043AWR0A0000	13.0	49,800	32 x 44 x 70	18 x 15.5	24 x 14	591	8.5	15
5	THC063AWR0A0000	13.0	62,400	36 x 44 x 70	18 x 15.5	24 x 14	641	11.4	15

① HACR breaker per NEC.

② Downflow Airflow/Horizontal Airflow.

③ SEER applies, 3-5 tons; EER applies 6-10 tons.

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.



# Packaged Cooling Convertible 3-5 Tons 13 SEER R-22 (Model Digit Numbers)

Digit	Description	Order Number	Digit	Description	Order Number
1-8	Main Assembly (see previous page)			Phase Monitor <sup>Ⓟ</sup> .....	3
9	Unit Controls			Phase Monitor <sup>Ⓟ</sup> & Non-Fused Disconnect Switch .....	4
	Electro-Mechanical .....	E		Phase Monitor <sup>Ⓟ</sup> & Circuit Breaker .....	5
	Unit Controls -ReliaTel™ Micro-processor .....	R	20	Convenience Outlet	
10	(See Heater Table below)			No Convenience Outlet .....	0
11	Minor Design Sequence			Unpowered Convenience Outlet .....	A
	First Sequence .....	A		Powered Convenience Outlet (3 phase only) <sup>Ⓢ</sup> .....	B
12-13	Service Sequence		21	Communications Options <sup>Ⓢ</sup>	
	First Sequence (Factory Supplied) .....	*,*		No Communications Interface .....	0
14	Fresh Air Selection			Comm 3/4 Communications Interface .....	1
	No Fresh Air .....	0		LonTalk® Communications Interface .....	2
	0-50% Manual Outside Air Damper <sup>Ⓢ</sup> .....	A		Novar 2024 Controls .....	3
	0-50% Motorized Outside Air Damper .....	B		Novar 3051 Controls .....	4
	0-100% Economizer, Dry Bulb without Barometric Relief <sup>Ⓢ</sup> .....	C	22	Refrigeration System Option	
	0-100% Economizer, Dry Bulb with Barometric Relief <sup>Ⓢ</sup> .....	D		Standard Refrigeration System with Thermal Expansion Valve .....	0
	0-100% Economizer, Reference Enthalpy without Barometric Relief <sup>Ⓢ</sup> .....	E		Dehumidification (Hot Gas Reheat Coil) <sup>Ⓢ</sup> .....	B
	0-100% Economizer, Reference Enthalpy with Barometric Relief <sup>Ⓢ</sup> .....	F	23	Refrigeration Controls	
	0-100% Economizer, Comparative Enthalpy without Barometric Relief <sup>Ⓢ</sup> .....	G		No Refrigeration Control .....	0
	0-100% Economizer, Comparative Enthalpy with Barometric Relief <sup>Ⓢ</sup> .....	H		High Pressure Control <sup>Ⓢ</sup> .....	1
15	Supply Fan/Drive Type/Motor			Froststat <sup>Ⓢ</sup> .....	2
	Standard Drive .....	0		Crankcase Heater .....	3
16	Hinged Service Access & Filters			High Pressure Control <sup>Ⓢ</sup> and Froststat <sup>Ⓢ</sup> .....	4
	Standard Panels & Filters .....	0		High Pressure Control <sup>Ⓢ</sup> and Crankcase Heater .....	5
	Hinged Access Panels & Standard Filters .....	A		Froststat <sup>Ⓢ</sup> and Crankcase Heater <sup>Ⓢ</sup> .....	6
	Standard Panels & 2" Pleated Filters .....	B		High Pressure Control <sup>Ⓢ</sup> , Froststat <sup>Ⓢ</sup> and Crankcase Heater <sup>Ⓢ</sup> .....	7
	Hinged Access Panels & 2" Pleated Filters .....	C	24	Smoke Detector <sup>Ⓢ</sup>	
17	Condenser Coil Protection			No Smoke Detector .....	0
	Standard Coil .....	0		Return Air Smoke Detector <sup>Ⓢ</sup> .....	A
	Standard Coil with Hail Guard .....	1		Supply Air Smoke Detector .....	B
	Epoxy Coated Condenser Coil .....	2		Supply and Return Air Smoke Detectors <sup>Ⓢ</sup> .....	C
	Epoxy Coated Condenser Coil with Hail Guard .....	3	25	Monitoring Controls <sup>Ⓢ</sup>	
18	Through the Base Provisions			No Monitoring Control <sup>Ⓢ</sup> .....	0
	No Through the Base Provisions .....	0		Clogged Filter Switch <sup>Ⓢ</sup> .....	1
	Through the Base Electric <sup>Ⓢ</sup> .....	A		Fan Failure Switch <sup>Ⓢ</sup> .....	2
19	Disconnect/Circuit Breaker /Phase Monitor (3 phase only)			Discharge Air Sensing Tube <sup>Ⓢ</sup> .....	3
	No Disconnect/ Circuit Breaker/No Phase Monitor .....	0		Clogged Filter Switch and Fan Fail Switch <sup>Ⓢ</sup> .....	4
	Non-Fused Disconnect <sup>Ⓢ</sup> .....	1		Clogged Filter Switch and Discharge Air Sensing Tube <sup>Ⓢ</sup> .....	5
	Circuit Breaker <sup>Ⓢ</sup> .....	2		Fan Fail Switch and Discharge Air Sensing Tube <sup>Ⓢ</sup> .....	6
				Clogged Filter and Fan Fail Switches and Discharge Air Sensing Tube <sup>Ⓢ</sup> .....	7
				Novar Return Air Sensor <sup>Ⓢ</sup> .....	8

① Enthalpy control not available factory installed with electro-mechanical controls.  
 ② Economizer with Barometric Relief is for downflow configured units only. Order Economizer without Barometric Relief for horizontal configuration. Barometric relief for horizontal configured units must be ordered as field installed accessory BAYBARM010A.  
 ③ Requires use of Disconnect or Circuit Breaker.  
 ④ Standard refrigeration metering device - short orifice.  
 ⑤ Froststat cannot be field installed in electro-mechanical units.  
 ⑥ High Pressure control is standard on 3 phase units with scroll compressors.  
 ⑦ Not available with BAYFRST001A High Temperature Stat accessory.  
 ⑧ The return air smoke detector may not fit up or work properly on the Convertible units when used in conjunction with 3rd party accessories such as bolt on heat wheels, economizers and power exhaust. Do not order the return air smoke detectors when using this type of accessory.  
 ⑨ Return Air Smoke Detector cannot be ordered with Novar Controls.  
 ⑩ These options are standard when ordering Novar Controls.  
 ⑪ This options for use when ordering Novar Control only.  
 ⑫ Factory Supplied Field Installed. The manual outside air damper will ship factory supplied within the unit, but must be field installed.  
 ⑬ Requires Selection of 2" Pleated Filters (Option B or C) for Digit 16.  
 ⑭ Through the base electric required when ordering Disconnect/Circuit Breaker options.  
 ⑮ Phase Monitor is standard on T/Y/WSC060A3,4,W models. All other models Phase Monitor will be an option.  
 ⑯ Not available with electro-mechanical unit controls.

Heaters (Digit 10)									
kW Rating	Digit	Nominal BTUH	No. Stages	Used With	kW Rating	Digit	Nominal BTUH	No. Stages	Used With
<b>208/240/3/60</b>					<b>460/3/60</b>				
4.5/6.0	(B)	13,400/20,500	1	THC033-063A3	6.0	(B)	20,500	1	THC033-063A4
9.0/12.0	(E)	30,800/59,400	2	THC033-063A3	12.0	(E)	41,000	2	THC033-063A4
13.2/17.6	(G)	44,600/59,400	2	THC033-063A3	17.6	(G)	59,400	2	THC033-063A4
17.2/23.0	(J)	58,900/78,500	2	THC063A3	23.0	(J)	78,500	2	THC063A4
					<b>575/3/60</b>				
					6.0	(B)	20,500	1	THC033-063AW
					12.0	(E)	41,000	2	THC033-063AW
					17.6	(G)	59,400	2	THC033-063AW
					23.0	(J)	78,500	2	THC063AW



# Packaged Cooling Convertible 3-5 Tons 13 SEER R-22 and R-410A

**Table PC-40-A — Accessory Electric Heaters – Unit with heater is single circuit / single point power entry – R-22**

Model Number	Power Supply	kW Rating	Nominal BTUH	No. Stages	Used With
BAYHTRR306A	208/240/3/60	4.5/6.0	13,400/20,500	1	THC033-063A3
BAYHTRR312A	208/240/3/60	9.0/12.0	30,800/41,000	2	THC033-063A3
BAYHTRR318A	208/240/3/60	13.1/17.4	44,600/59,400	2	THC033-063A3
BAYHTRR323A	208/240/3/60	17.3/23.0	58,900/78,500	2	THC063A3
BAYHTRR406A	460/3/60	6.0	20,500	1	THC033-063AA4
BAYHTRR412A	460/3/60	12.0	41,000	2	THC033-063A4
BAYHTRR418A	460/3/60	17.4	59,400	2	THC033-063A4
BAYHTRR423A	460/3/60	23.0	78,500	2	THC063A4
BAYHTRRW06A	575/3/60	6.0	20,500	1	THC033-063AW
BAYHTRRW12A	575/3/60	12.0	41,000	2	THC033-063AW
BAYHTRRW18A	575/3/60	17.4	59,400	2	THC033-063AW
BAYHTRRW23A	575/3/60	23.0	78,500	2	THC063AW

A = R-22

**Table PC-40-B — Accessory Electric Heaters – Unit with heater is single circuit / single point power entry – R-410A**

Model Number	Power Supply	kW Rating	Nominal BTUH	No. Stages	Used With
BAYHTRE105A	208/230/1/60	3.8/5.0	12,800/17,100	1	TSC036-048E1
BAYHTRE110A	208/230/1/60	7.5/10.0	25,600/34,100	2	TSC036-048E1
BAYHTRE114A	208/230/1/60	10.4/13.8	35,300/47,100	2	TSC036-048E1
BAYHTRE118A	208/230/1/60	13.2/17.6	45,100/60,100	2	TSC048E1
BAYHTRE306A	208/230/3/60	4.5/6.0	13,400/20,500	1	TSC036-060E3
BAYHTRE312A	208/230/3/60	9.0/12.0	30,800/41,000	2	TSC036-060E3
BAYHTRE318A	208/230/3/60	13.1/17.4	44,600/59,400	2	TSC036-060E3
BAYHTRE323A	208/230/3/60	17.3/23.0	58,900/78,500	2	TSC060E3
BAYHTRE406A	460/3/60	6.0	20,500	1	TSC036-060E4
BAYHTRE412A	460/3/60	12.0	41,000	2	TSC036-060E4
BAYHTRE418A	460/3/60	17.4	59,400	2	TSC036-060E4
BAYHTRE423A	460/3/60	23.0	78,500	2	TSC060E4
BAYHTREW06A	575/3/60	6.0	20,500	1	TSC036-060EW
BAYHTREW12A	575/3/60	12.0	41,000	2	TSC036-060EW
BAYHTREW18A	575/3/60	17.4	59,400	2	TSC036-060EW
BAYHTREW23A	575/3/60	23.0	78,500	2	TSC060EW

E = R-410A



# Packaged Cooling Convertible 3-5 Tons 13 SEER R-22

Table PC-41-A — Accessories

Model Number	Description	Used With
BAYABRD001C	ReliaTel™ Options Module	See Note ③
BAYASCT001①④	Anti-Short-Cycle Timer	THC033-063A_E
BAYBARM010A⑥	Barometric Relief	THC033-063A
BAYCCHT010B	Crankcase Heater	THC033-063A3
BAYCCHT011B	Crankcase Heater	THC033-063A4,AW
ASYSTAT712A⑤⑥	CO <sup>2</sup> Sensor Kit, Wall Mounted	THC033-063A_R
ASYSTAT714A⑤⑥	CO <sup>2</sup> Sensor Kit, Duct Mounted	THC033-063A_R
BAYCURB042A④	Roof Curb	THC033-063A
BAYDFPS003A⑤⑥	Clogged Filter Switch	THC033-063A_R
BAYDFPS004A⑤⑥	Fan Failure Switch	THC033-063A_R
BAYDMPR051A⑤	0-50% Motorized Outside Air Damper	THC033-063A_R
BAYDMPR052A⑩	0-50% Motorized Outside Air Damper	THC033-063A_E
BAYDMPR053B⑥	0-50% Manual Outside Air Damper	THC033-063A
BAYECON085A⑤	0-100% Dry Bulb Economizer without Barometric Relief	THC033-063A_R
BAYECON086A⑩	0-100% Dry Bulb Economizer without Barometric Relief	THC033-063A_E
BAYENTH005A①⑤	Reference Enthalpy Kit	BAYECON085A
BAYENTH006A①⑤	Comparative Enthalpy Kit	BAYECON085A
BAYENTH001A	Enthalpy Control (Solid State)	BAYECON086A
BAYFRST001A⑩	High Temperature Stat	THC033-063A_R
BAYGARD036B	Condenser Coil Hail Guard	THC033-043A
BAYGARD037B	Condenser Coil Hail Guard	THC063A
BAYHSMT073A	.45 HP Oversized motor kit	THC033A3
BAYHSMT074A	.45 HP Oversized motor kit	THC033A4
BAYHSMT075A	.45 HP Oversized motor kit	THC033AW
BAYHSMT076A	.75 HP Oversized motor kit	THC043A3
BAYHSMT077A	.75 HP Oversized motor kit	THC043A4
BAYHSMT078A	.75 HP Oversized motor kit	THC043AW
BAYHSMT079A	1.2 HP Oversized motor kit	THC063A3
BAYHSMT080A	1.2 HP Oversized motor kit	THC063A4
BAYHSMT081A	1.2 HP Oversized motor kit	THC063AW
BAYICSI003A⑤⑨	Comm 3/4 Communications Interface (TCI)	THC033-063A_R
BAYLOAM020B②⑤⑧	Evaporator Defrost Control (Frostat)	THC033-063A_R
BAYLTCI002B⑤	LonTalk® Communications Interface (LCI)	THC033-063A_R
BAYQACB009A④⑨	Quick Adapt Roof Curb	THC033-063A
BAYQACB010A④⑨	Quick Adapt Roof Curb	THC033-063A
BAYSTAT023⑤	Remote Potentiometer	BAYECON085A
BAYSERV001A⑤	Selective Resistance Service Tester	THC033-063A_R
BAYSENS016A⑤	Temperature Sensor	THC033-063A_R
BAYTUBE005A③⑤⑦	Discharge Air Sensing Kit	THC033-063A_R
BAYVNOR001B⑤⑧⑩	Ventilation Override Kit w/ReliaTel™ options module	THC033-063A_R

- ① Kits contain all necessary parts to achieve desired level of enthalpy control.
- ② For ReliaTel™ microprocessor controlled units only. Must be factory installed for electromechanical controlled units
- ③ Used for true discharge air sensing in both heating and cooling. Required for supply air tempering.
- ④ Lynn Haven Manufacturing has a No-Return policy for this roof curb.
- ⑤ For use with ReliaTel™ controlled units only
- ⑥ Barometric Relief accessory installs in ductwork for horizontal configuration. For downflow configuration, installs in the unit's horizontal return duct. See Installer's Guide for complete instructions.
- ⑦ Cannot be used in conjunction with factory installed smoke detector.

- ⑧ BAYABRD001C is required when ordering field installed accessories Clogged Filter Switch (BAYDFPS003A), Fan Fail Switch (BAYDFPS004A), Discharge Air Sensing Kit (BAYTUBE004A) or Evaporator Defrost Control (Frostat) (BAYLOAM020B) Ventilation Override Kit (BAYVNOR001B) unless the following options are factory installed: Frostat, Smoke Detector, Clogged Filter Switch, Fan Failure Switch, Discharge Air Sensing Kit. These factory installed options include the ReliaTel™ Options Module.
- ⑨ BAYQACB009A adapts dedicated airflow rooftop BAYCURB021B to accept Convertible 3-5 ton unit. BAYQACB010A adapts dedicated airflow rooftop BAYCURB022B to accept Convertible unit.
- ⑩ For use with electromechanical controlled units only.

- ⑪ Cannot be used in conjunction with Barometric Relief. Order Economizer without Barometric Relief.
- ⑫ BAYQACB012A adapts dedicated airflow rooftop BAYCURB025A to accept Convertible 6-10 ton unit. BAYQACB013A adapts dedicated airflow rooftop BAYCURB026A to accept Convertible 6-10 ton unit. BAYQACB011A adapts dedicated airflow rooftop BAYCURB022 to accept Convertible 6-10 ton unit.
- ⑬ Interface allows a unit with ReliaTel™ Controls to communicate with Tracer 100, Tracker, VariTrac II, and is the preferred method of communication to Tracer Summit.
- ⑭ Activated on Power On.
- ⑮ Field installed accessory requires economizer.
- ⑯ The manual outside air damper will ship factory supplied within the unit, but must be field installed.



# Packaged Cooling Convertible 3-5 Tons 13 SEER R-22

**Table PC-42-A — Zone Sensors for ReliaTel™ Controlled Units:**

Model Number	Description	Used with
ASYSTAT661B	Single Setpoint Manual Changeover	THC033-063A_R
ASYSTAT663B	Dual Setpoint Manual or Auto Changeover	THC033-063A_R
ASYSTAT666C	Programmable Night Setback w/System Function Lights	THC033-063A_R
ASYSTAT669A	Remote Room Sensor	ASYSTAT661B,663B, ASYSTAT669A
ASYSTAT708A	Dual Thermistor Remote Zone Sensor	THC033-063A_R
ASYSTAT709	Digital Display Zone Sensor	THC033-063A_R
ASYSTAT710A	Wall Mounted Humidity Sensor	THC033-063A, 3, 4, WR
ASYSTAT711A	Duct Mounted Humidity Sensor	THC033-063A, 3, 4, WR
BAYMTPL003B	Retrofit Wall Cover Plate Kit 7.25" x 6.0"	ASYSTAT669A
BAYMTPL004B	Retrofit Wall Cover Plate Kit 4.75" x 4.75"	ASYSTAT661B,663B, ASYSTAT669A

**Table PC-42-B — Thermostats**

Model Number	Description	Used with
ACONT200AN11AA	Electronic 1 Htg/1 Cool	THC033-063A
ASYSTAT610 <sup>④</sup>	1-Stage Heating/Cooling	ASYSTAT616,617
ASYSTAT611 <sup>④</sup>	2-Stage Heating/Cooling	ASYSTAT616,617
ASYSTAT616 <sup>①</sup>	Auto Changeover Subbase	ASYSTAT610,611
ASYSTAT617	Manual Changeover Subbase	ASYSTAT610,611
ASYSTAT620 <sup>⑤</sup>	Prog Electronic Setback 3Htg/2Clg	THC033-063A_E
ASYSTAT621 <sup>⑤</sup>	Prog Electronic Setback 1Htg/1 Clg	THC033-063A_E
ASYSTAT625 <sup>⑥</sup>	Humidistat	THC033-063A3,4R
ASYSTAT705B <sup>②</sup>	Programmable Thermostat	THC033-063A
ASYSTAT706A	Remote Wall Sensor	ASYSTAT705B
BAY24X042	DPDT Fan and Electric Heat Relay	ASYSTAT616
BAY28X190 <sup>③</sup>	Locking Thermostat Cover for up to 4 units	Room Thermostats
BAYBASE006A	Subbase 2-Stage Htg./Clg.	ASYSTAT705B
BAYBASE008A	Subbase 1-Stage Htg./Clg.	ASYSTAT705B
BAYSENS034A	Remote Duct Sensor	ASYSTAT705B

- ① Requires DPDT Fan and Electric Heat Relay BAY24x042 when using electric heat.
- ② Requires subbase BAYBASE006A or BAYBASE008A.
- ③ Do not use with programmable thermostats.
- ④ Requires subbase.
- ⑤ Do not use with microprocessor controlled units.
- ⑥ Same as BAYSTAT253.

**For additional Controls Information:  
See ReliaTel™ and Micro Control features on PC-35 and PC-36.**





# Packaged Cooling with ReliaTel™ Controls 12½ through 25 Tons

## 12½-25 Ton TCD — Downflow

- Meets ASHRAE 90.1-1999
- ReliaTel™ control features are listed on page PC-35
- Built-in anti-short cycle, time-delay relay and minimum on time controls
- 2" standard for 12½ – 25 ton units
- Liquid line drier
- Built-in fork lift holes

- Operating charge of R-22
- "Quick Access" on 12½ – 25
- Scroll compressors on all units
- IAQ sloped condensate drain pans
- Dedicated horizontal and downflow units
- Single point power for electric heat
- Complete line of optional electric heaters
- Internally enhanced coil tubing
- Low ambient to 0°F standard

- Colored and numbered wiring
- Quick-adjust idler arm pulley. Adjust belt tension, change belts, adjust airflow quickly (12½ – 25 tons)
- 5-year limited compressor warranty (12½ – 17½ tons)
- 1-year limited compressor warranty (20 and 25 tons)
- 1-year limited parts warranty

**Table PC-43-A — TCD Downflow — Micro Control Unit**

Tons	Unit Model No.	Power Supply Volts/Phase/Hz	Performance EER (30)	Cooling Capacity (Btu/h)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	MCA*	Max Fuse Size or <sup>⑤</sup> Max Circuit Breaker*	Downflow Roofcurb
12½	TCD150D300B	208-230/3/60	9.8	150,000	50 x 72 x 108	1687	63	80	BAYCURB026B
12½	TCD151C300B	208-230/3/60	11.3	154,000	50½ x 71½ x 107½	1776	64	80	BAYCURB026B
15	TCD180B300H	208-230/3/60	9.9	182,000	50 x 72 x 108	1866	78	90	BAYCURB026B
15	TCD181C300C <sup>④</sup>	208-230/3/60	11.5	189,000	54 x 85½ x 122½	2297	74	90	BAYCURB027B
17½	TCD210C300E	208-230/3/60	9.8	210,000	50 x 72 x 108	2202	88	110	BAYCURB026B
17½	TCD211C300C	208-230/3/60	11.0	220,000	54 x 85½ x 122½	2372	91	110	BAYCURB027B
20	TCD240B300J	208-230/3/60	9.7	242,000	54 x 86 x 123	2772	100	125	BAYCURB027B
20	TCD241C300C	208-230/3/60	10.6	268,000	54 x 85½ x 122½	2470	99	125	BAYCURB027B
25	TCD300B300H	208-230/3/60	9.7	290,000	54 x 85½ x 122½	2365	118	150	BAYCURB027B
25	TCD301C300C	208-230/3/60	10.4	300,000	54 x 85½ x 122½	2475	120	150	BAYCURB027B
12½	TCD150D400B	460/3/60	9.8	150,000	50 x 72 x 108	1687	33	40	BAYCURB026B
12½	TCD151C400B	460/3/60	11.3	154,000	50½ x 71½ x 107½	1776	31	40	BAYCURB026B
15	TCD180B400H	460/3/60	9.9	182,000	50 x 72 x 108	1866	39	50	BAYCURB026B
15	TCD181C400C <sup>④</sup>	460/3/60	11.5	189,000	54 x 85½ x 122½	2292	36	50	BAYCURB027B
17½	TCD210C400E	460/3/60	9.8	210,000	50 x 72 x 108	2202	44	50	BAYCURB026B
17½	TCD211C400C	460/3/60	11.0	220,000	54 x 85½ x 122½	2380	44	60	BAYCURB027B
20	TCD240B400J	460/3/60	9.7	242,000	54 x 86 x 123	2372	50	60	BAYCURB027B
20	TCD241C400C	460/3/60	10.6	268,000	54 x 85½ x 122½	2470	50	60	BAYCURB027B
25	TCD300B400H	460/3/60	9.7	290,000	54 x 85½ x 122½	2365	58	70	BAYCURB027B
25	TCD301C400C	460/3/60	10.4	300,000	54 x 85½ x 122½	2475	58	70	BAYCURB027B
12½	TCD150DW00B	575/3/60	9.8	150,000	50 x 72 x 108	1687	26	30	BAYCURB026B
12½	TCD151CW00B	575/3/60	11.3	154,000	50½ x 71½ x 107½	1776	25	30	BAYCURB026B
15	TCD180BW00H	575/3/60	9.9	182,000	50 x 72 x 108	1866	31	40	BAYCURB026B
15	TCD181CW00C <sup>④</sup>	575/3/60	11.5	189,000	54 x 85½ x 122½	2297	29	40	BAYCURB027B
17½	TCD210CW00E	575/3/60	9.8	210,000	50 x 72 x 108	2702	35	45	BAYCURB026B
17½	TCD211CW00C	575/3/60	11.0	220,000	54 x 85½ x 122½	2380	35	45	BAYCURB027B
20	TCD240BW00J	575/3/60	9.7	242,000	54 x 86 x 123	2372	40	45	BAYCURB027B
20	TCD241CW00C	575/3/60	10.6	268,000	54 x 85½ x 122½	2470	40	50	BAYCURB027B
25	TCD300BW00H	575/3/60	9.7	290,000	54 x 85½ x 122½	2365	46	50	BAYCURB027B
25	TCD301CW00C	575/3/60	10.4	300,000	54 x 85½ x 122½	2475	47	60	BAYCURB027B
Model No.	Supply Downflow W x L <sup>①②</sup>	Return Downflow W x L <sup>①②</sup>	Curb Size H x W x L <sup>③</sup>	Roof Opening W x L <sup>①②</sup>					
TC*150, 151, 180, 210	28 <sup>9</sup> / <sub>16</sub> x 55 <sup>1</sup> / <sub>2</sub>	20 <sup>7</sup> / <sub>8</sub> x 63	14 <sup>1</sup> / <sub>16</sub> x 66 <sup>15</sup> / <sub>16</sub> x 102 <sup>1</sup> / <sub>4</sub>	62 <sup>1</sup> / <sub>2</sub> x 73 <sup>1</sup> / <sub>2</sub>					
TC*181, 211-301	28 <sup>9</sup> / <sub>16</sub> x 69 <sup>1</sup> / <sub>2</sub>	22 <sup>1</sup> / <sub>4</sub> x 77	14 <sup>1</sup> / <sub>16</sub> x 80 <sup>15</sup> / <sub>16</sub> x 117 <sup>1</sup> / <sub>8</sub>	76 <sup>1</sup> / <sub>2</sub> x 81					

MCA = Minimum Circuit Ampacity.

Maximum Fuse = Maximum Fuse Size or Maximum HACR Type Circuit Breaker Size.

① Dimensions are in inches. See Outline Dimensions.

② Interior Dimension.

③ Measurement Includes Curb Flange.

④ Uses 17½ – 25 ton dimensions.

⑤ HACR type circuit breaker per NEC.

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.



# Packaged Cooling with ReliaTel™ Controls 12½ through 25 Tons

## 12½-25 Ton TCH — Horizontal

- Meets ASHRAE 90.1-1999
- ReliaTel™ control features are listed on page PC-35
- Built-in anti-short cycle, time-delay relay and minimum on time controls
- 2" filters for 12½ – 25 ton units
- Liquid line drier
- Built-in fork lift holes

- Operating charge of R-22
- "Quick Access" on 12½ – 25
- Scroll compressors on all units
- IAQ sloped drain pans
- Dedicated horizontal and downflow units
- Single point power for electric heat
- Complete line of optional electric heaters
- Internally enhanced coil tubing
- Low ambient to 0°F standard

- Colored and numbered wiring
- Quick-adjust idler arm pulley. Adjust belt tension, change belts, adjust airflow quickly (12½ – 25 tons)
- 5-year limited compressor warranty (12½ – 17½ tons)
- 1-year limited compressor warranty (20 and 25 tons)
- 1-year limited parts warranty

**Table PC-44-A — TCH Horizontal — Micro Control Unit**

Tons	Unit Model No.	Power Supply Volts/Phase/Hz	Performance EER (3Ø)	Cooling Capacity (Btuh)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	MCA*	Max Fuse Size or <sup>④</sup> Max Circuit Breaker*
12½	TCH150D300B	208-230/3/60	9.8	150,000	50 x 72 x 108	1687	63	80
12½	TCH151C300C	208-230/3/60	11.3	154,000	50 x 72 x 108	1776	64	80
15	TCH180B300H	208-230/3/60	9.9	182,000	50 x 72 x 108	1866	78	90
15	TCH181C300C <sup>③</sup>	208-230/3/60	11.5	189,000	54 x 86 x 123	2297	74	100
17½	TCH210C300E	208-230/3/60	9.8	210,000	50 x 72 x 108	2202	88	100
17½	TCH211C300C	208-230/3/60	11.0	220,000	54 x 86 x 123	2380	91	110
20	TCH240B300J	208-230/3/60	9.7	242,000	54 x 86 x 123	2372	100	125
20	TCH241C300C	208-230/3/60	10.6	268,000	54 x 86 x 123	2470	99	125
25	TCH300B300H	208-230/3/60	9.7	290,000	54 x 86 x 123	2365	118	150
25	TCH301C300C	208-230/3/60	10.4	300,000	54 x 86 x 123	2475	120	150
12½	TCH150D400B	460/3/60	9.8	150,000	50 x 72 x 108	1687	33	40
12½	TCH151C400C	460/3/60	11.3	154,000	50 x 72 x 108	1776	31	40
15	TCH180B400H	460/3/60	9.9	182,000	50 x 72 x 108	1866	39	50
15	TCH181C400C <sup>③</sup>	460/3/60	11.5	189,000	54 x 86 x 123	2292	36	50
17½	TCH210C400E	460/3/60	9.8	210,000	50 x 72 x 108	2202	44	50
17½	TCH211C400C	460/3/60	11.0	220,000	54 x 86 x 123	2380	44	60
20	TCH240B400J	460/3/60	9.7	242,000	54 x 86 x 123	2372	50	60
20	TCH241C400C	460/3/60	10.6	268,000	54 x 86 x 123	2470	50	60
25	TCH300B400H	460/3/60	9.7	290,000	54 x 86 x 123	2365	58	70
25	TCH301C400C	460/3/60	10.4	300,000	54 x 86 x 123	2475	58	70
12½	TCH150DW00B	575/3/60	9.8	150,000	50 x 72 x 108	1687	26	30
12½	TCH151CW00C	575/3/60	11.3	154,000	50 x 72 x 108	1776	25	30
15	TCH180BW00H	575/3/60	9.9	182,000	50 x 72 x 108	1866	31	40
15	TCH181CW00C <sup>③</sup>	575/3/60	11.5	189,000	54 x 86 x 123	2297	29	40
17½	TCH210CW00E	575/3/60	9.8	210,000	50 x 72 x 108	2202	35	45
17½	TCH211CW00C	575/3/60	11.0	220,000	54 x 86 x 123	2380	35	45
20	TCH240BW00J	575/3/60	9.7	242,000	54 x 86 x 123	2372	40	45
20	TCH241CW00C	575/3/60	10.6	268,000	54 x 86 x 123	2470	40	50
25	TCH300BW00H	575/3/60	9.7	290,000	54 x 86 x 123	2365	46	50
25	TCH301CW00C	575/3/60	10.4	300,000	54 x 86 x 123	2475	47	60
Model No.	Supply		Return					
	Horizontal H x W <sup>①②</sup>		Horizontal H x W <sup>①②</sup>					
TC* 150, 151, 180, 210	42½ x 26½		42½ x 24 <sup>9</sup> / <sub>16</sub>					
TC* 181, 211-301	46 <sup>7</sup> / <sub>16</sub> x 26½		46 <sup>7</sup> / <sub>16</sub> x 27 <sup>9</sup> / <sub>16</sub>					

MCA = Minimum Circuit Ampacity.

Maximum Fuse = Maximum Fuse Size or Maximum HACR Type Circuit Breaker Size.

① Dimensions are in inches. See Outline Dimensions.

② Interior Dimension.

③ Uses 17½ – 25 ton dimensions.

④ HACR type circuit breaker per NEC.

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.



# Packaged Cooling with ReliaTel™ Controls 12½ through 25 Tons (Model Digit Numbers)

**Table PC-45-A — Factory Installed Accessories<sup>①②</sup> For Complete list of all Factory Installed Options, please refer to the FIOPS section of this book.**

Digit	Description	Order Number	Used With
<b>1-9</b>	<b>Main Assembly (see previous page)</b>		
<b>10</b>	<b>Factory Installed Options</b>		
	No Options	0	TC*150-301
	Downflow Economizer <sup>③</sup>	A	TCD150-301
	Oversized Motor	B	TC*150-241
	Downflow Economizer and Oversized Motor <sup>③</sup>	C	TCD150-241
	Comm 3/4, Communications Interface (TCI) <sup>⑤</sup>	F	TC*150-301
	Downflow Economizer TCI <sup>③⑤</sup>	G	TCD150-301
	TXV/Face - Split Evaporator	H	TCD151, 181, 211, 241, 301
	Oversized Motor and TXV/Face -Split Evaporator	J	TCD151, 181, 211, 241
	Downflow Economizer, Oversized Motor and TXV/Face Split Evaporator <sup>③④</sup>	K	TCD151, 181, 211, 241
	Downflow Economizer with TXV/Face - Split Evaporator <sup>③</sup>	L	TCD151, 181, 211, 241, 301
	Reheat Coil <sup>④</sup>	M	TCD151, 181, 241
	Downflow Economizer with Reheat Coil <sup>③④</sup>	N	TCD151, 181, 241
	Oversized Motor and Reheat Coil <sup>④</sup>	P	TCD151, 181, 241
	Downflow Economizer, Oversized Motor and Reheat Coil <sup>④</sup>	R	TCD151, 181, 241
<b>11-12</b>	<b>Minor Design and Service Sequence</b>	**	

- ① Price includes accessory and factory installation.
- ② Four (4) week shipping approximately.
- ③ Some field set up required.
- ④ All 10th digit model numbers including reheat coil (M,N,P,R) require additional factory installed options; ReliaTel™ Options Module (FIYABRD002B), Froststat (FIYLOAM023A), and 2" Pleated Filters (FIYPLTD001A, 002A, or 003A refer to FIOPS section for appropriate model number usage). For these or any Factory Installed Options not included in 10th digit model number, digits 1-3 must be TED.
- ⑤ TCI is for use with non-VariTrac systems and VariTrac systems.

**Table PC-45-B — Zone Sensors**

Model Number	Description	Used With
ASYSTAT661B	Single Setpoint Manual Changeover	TC*150-301
ASYSTAT663B	Dual Setpoint Manual or Automatic Changeover	TC*150-301
ASYSTAT666C	Programmable Night Setback	TC*150-301
ASYSTAT669A	Remote Room Sensor	ASYSTAT666C
ASYSTAT708A	Dual Thermistor Remote Zone Sensor	TC*150-301
ASYSTAT709A	Digital Display	TC*150-301
ASYSTAT710A	Wall Mounted Humidity Sensor	TFD151,181,241 (with Reheat)
ASYSTAT711A	Duct Mounted Humidity Sensor	TFD151,181,241 (with Reheat)
BAYMTPL003B	Retrofit Wall Cover Plate Kit (7¼" x 6")	ASYSTAT666C
BAYMTPL004A	Retrofit Wall Cover Plate Kit (4¾" x 4¾")	ASYSTAT661B, 663B, 669A

**For additional Controls Information:  
See ReliaTel™ and Micro Control features on PC-35 and PC-36.**



# Packaged Cooling with ReliaTel™ Controls 12½ through 25 Tons (Accessories)

**Table PC-46-A — Field Installed Accessories**

For complete list of of All Factory Installed Options refer to FIOPS section of this book.

Model Number	Description	Used With
ASYSTAT713A <sup>④</sup>	CO <sup>2</sup> Sensor Wall Mounted	TC*150-301 w/Economizer
ASYSTAT715A <sup>④</sup>	CO <sup>2</sup> Sensor Duct Mounted	TC*150-301 w/Economizer
BAYABRD002B <sup>②</sup>	ReliaTel™ Options Module	TCD/TCH150-301
BAYCURB026B <sup>⑦</sup>	Downflow Roof Curb (Can not be adapted for horizontal use)	TCD150D, 151C, 180B, 210C
BAYCURB027B <sup>⑦</sup>	Downflow Roof Curb (Can not be adapted for horizontal use)	TCD181C, 211C, 240B, 241C, 300B, 301C
BAYDFPS005A <sup>⑩②</sup>	Clogged Filter Switch	TCD/TCH (12½-25 Tons)
BAYDFPS006A <sup>⑩②</sup>	Fan Failure Switch	All Economizers and 0-50% Motorized Air Dampers
BAYDMPR029C	0-25% Manual Outside Air Damper	TCD/TCH (12½-25 Tons)
BAYDMPR057A	0-50% Motorized Outside Air Damper	TCD/TCH150D, 151C, 180B, 210C
BAYDMPR058A	0-50% Motorized Outside Air Damper	TCD/TCH181C, 211C, 240B, 241C, 300B, 301C
BAYECON089A <sup>⑥</sup>	Downflow Economizer with Barometric Relief	TCD150D, 151C, 180B, 210C
BAYECON090A <sup>⑥</sup>	Downflow Economizer with Barometric Relief	TCD181C211C, 240B, 241C, 300B, 301C
BAYECON091A	Horizontal Economizer	TCH151C, 180B, 210C
BAYECON092A	Horizontal Economizer	TCH181C211C, 240B, 241C, 300B, 301C
BAYENTH007A <sup>①②</sup>	Reference Enthalpy Kit	All BAYECNO089-92A
BAYENTH008A <sup>①②③</sup>	Comparative Enthalpy Kit	All BAYECNO089-92A
BAYFRST001A	High Temperature Stat	TCD/TCH150-301B
BAYFRST003A	High Temperature Stat	TCD/TCH150-301
BAYGARD043B <sup>⑧</sup>	Tool-less Hail Guard	TC*150D
BAYGARD044B <sup>⑧</sup>	Tool-less Hail Guard	TC*151C, 180B
BAYGARD045A <sup>⑧</sup>	Tool-less Hail Guard	TC*181C, 211C, 241C, 301C, 240B
BAYGARD047A <sup>⑧</sup>	Tool-less Hail Guard	TC*300B
BAYHSDR002B <sup>④</sup>	High Static Drive	TCD/TCH151C
BAYHSDR005B <sup>④</sup>	High Static Drive	TCD/TCH180B, 211C, 241C, 240B
BAYHSDR010A <sup>④</sup>	High Static Drive	TCD/TCH300B, 301C
BAYHSDR011A <sup>④</sup>	High Static Drive	TCD/TCH181C
BAYHSMT039B <sup>④⑤</sup>	5HP Oversized Motor Kit	TCD/TCH151C, 180B, 150D
BAYHSMT040B <sup>④⑤</sup>	5HP Oversized Motor Kit (575V)	T*151CW, 180BW
BAYHSMT042A <sup>④⑤</sup>	7-1/2HP Oversized Motor Kit (575V)	TC*211C, 240B, 241CW
BAYHSMT055B <sup>④⑤</sup>	5HP Oversized Motor Kit	TCD/TCH181C
BAYHSMT059A <sup>④⑤</sup>	7-1/2HP Oversized Motor Kit (230V)	TCD/TCH210C
BAYHSMT060A <sup>④⑤</sup>	7-1/2HP Oversized Motor Kit (460V)	TCD/TCH210C
BAYHSMT061A <sup>④⑤</sup>	7-1/2HP Oversized Motor Kit (575V)	TC*210CW
BAYHSMT072A <sup>④⑤</sup>	7-1/2HP Oversized Motor Kit (575V)	T*181CW
BAYHSMT098A <sup>④⑤</sup>	7-1/2HP Oversized Motor Kit	TC*211, 240, 241C3
BAYHSMT099A <sup>④⑤</sup>	7-1/2HP Oversized Motor Kit	TC*211, 240, 241C4
BAYICSI004B <sup>⑤⑥</sup>	Comm 3/4, Communications Interface (TCI)	TC*150-301
BAYLOAM023A <sup>⑤</sup>	Evaporator Defrost Control Froststat	TC*150-301
BAYLSDR002A <sup>⑤</sup>	Low Static Drive	TCD/TCH300B, 301C
BAYLSDR004A <sup>⑤</sup>	Low Static Drive	TCD/TCH210C
BAYLTCI003B <sup>⑤</sup>	LonTalk Communications Interface (LCI)	TC*150-301
BAYPWRX029A	Power Exhaust for 230 volt units	BAYECON089-092A
BAYPWRX030A	Power Exhaust for 460 volt units	BAYECON089-092A
BAYPWRX031A	Power Exhaust for 575 volt units	BAYECON089-092A
BAYSENS016A	Temperature Sensor	TCD/TCH (12½-25 Tons)
BAYSERV001A	Selective Resistance Service Tester	TCD/TCH (12½-25 Tons)
BAYSTAT023	Remote Potentiometer	All Economizers and 0-50% Motorized Air Dampers
BAYTUBE008A <sup>⑩②③</sup>	Discharge Air Sensing Kit	TCD150D-301
BAYTUBE009A <sup>⑩②③</sup>	Discharge Air Sensing Kit	TCH150D-301
BAYVNOR002B <sup>⑩</sup>	Ventilation Override Kit	TC*150-301 w/ReliaTel Options Module

- ① Kit contains all necessary parts to achieve desired level of Enthalpy Control.
- ② Reference Enthalpy senses outside temperature/humidity and inside supply air only.
- ③ Comparative Enthalpy senses outside temperature/humidity and inside supply and return air.
- ④ High static drive and oversized motors are mutually exclusive, Do Not Combine.
- ⑤ Low static drive and oversized motors are mutually exclusive, Do Not Combine.
- ⑥ Clarksville manufacturing has a no return policy for this roof curb.
- ⑦ For downflow use only. Can not be adapted for horizontal units.
- ⑩ BAYABRD002 is required when ordering field installed BAYDFPS005A or 006A, BAYTUBE008A or 009A and BAYLOAM023A or BAYVNOR002A.
- ② Field or factory installed option.
- ⑤ Used for true discharge air sensing in both heating and cooling models.
- ⑤ Field installed accessory.
- ⑤ Interface allows a unit with ReliaTel™ Controls to communicate with Tracer 100, Tracker, VariTrac II, and is the preferred method of communication to Tracer Summit.
- ⑤ With ReliaTel™ controlled units only.

**For additional Controls Information:  
See ReliaTel™ and Micro Control features on PC-35 and PC-36.**



# Packaged Cooling with ReliaTel™ Controls 12½ through 25 Tons

**Table PC-47-A — Downflow /Horizontal Supplementary Heaters:**

Model Number	Power Supply	kW Rating	Nominal BTUH	No. Stages	Used With
AYDHTRK318A	208/240/3/60	13.5/18.0	46,100/61,400	1	TCD180B,181C,150D3,151C3
AYDHTRK336A	208/240/3/60	27.0/36.0	92,200/122,900	2	TCD180B,181C,150D3,151C3
AYDHTRK354A	208/240/3/60	40.5/54.0	138,200/184,300	2	TCD180B,181C,150D3,151C3
AYDHTRL418A	460/3/60	18.0	61,400	1	TCD150D,180B4,181C4,151C4
AYDHTRK427A	460/3/60	27.0	92,150	2	TCD181C4
AYDHTRK436A	460/3/60	36.0	122,900	2	TCD150D,180B4,181C4,151C4
AYDHTRK454A	460/3/60	54.0	184,300	2	TCD150D,180B4,181C4,151C4
AYDHTRL336A	208/240/3/60	27.0/36.0	92,200/122,900	2	TCD210-301C3,B3
AYDHTRL354A	208/240/3/60	40.5/54.0	138,200/184,300	2	TCD210-301C3,B3
AYDHTRK372A	208/240/3/60	54.0/72.0	184,300/245,700	2	TCD211-301C3,B3
AYDHTRL427A	460/3/60	27.0	92,150	2	TCD211-301C4
AYDHTRL436A	460/3/60	36.0	122,900	2	TCD210-301C4,B4
AYDHTRL454A	460/3/60	54.0	184,300	2	TCD210-301C4,B4
AYDHTRK472A	460/3/60	72.0	245,700	2	TCD211-301C4,B4
AYHHTRK318A	208/240/3/60	13.5/18.0	46,100/61,400	1	TCH181C3
AYHHTRK336A	208/240/3/60	27.0/36.0	92,200/122,900	2	TCH181C3
AYHHTRK354A	208/240/3/60	40.5/54.0	138,200/184,300	2	TCH181C3
AYHHTRM418A	460/3/60	18.0	61,400	1	TCH181C4
AYHHTRK436A	460/3/60	36.0	122,900	2	TCH181C4
AYHHTRM454A	460/3/60	54.0	184,300	2	TCH181C4
AYHHTRN318A	208/240/3/60	13.5/18.0	46,000/61,400	1	TCH150D3,180B3,151C3
AYHHTRP336A	208/240/3/60	27.0/36.0	92,200/122,900	2	TCH150D3,180B3,151C3
AYHHTRP354A	208/240/3/60	40.5/54.0	138,200/184,300	2	TCH150D3,180B3,151C3
AYHHTRN418A	460/3/60	18.0	61,400	1	TCH150D,180B4,151C4
AYHHTRP436A	460/3/60	36.0	122,900	2	TCH150D,180B4,151C4
AYHHTRP454A	460/3/60	54.0	184,300	2	TCH150D,180B4,151C4
AYHHTRQ336A	208/240/3/60	27.0/36.0	92,200/22,900	2	TCH210C3
AYHHTRQ354A	208/240/3/60	40.5/54.0	138,200/184,300	2	TCH210C3
AYHHTRQ436A	460/3/60	36.0	122,900	2	TCH210C4
AYHHTRQ454A	460/3/60	54.0	184,300	2	TCH210C4
AYHHTRN336A	208/240/3/60	27.0/36.0	92,200/122,900	2	TCH211-301C3,B3
AYHHTRN354A	208/240/3/60	40.5/54.0	138,200/184,300	2	TCH211-301C3,B3
AYHHTRN372A	208/240/3/60	54.0/72.0	184,300/245,700	2	TCH211-301C3,B3
AYHHTRN436A	460/3/60	36.0	122,900	2	TCH211-301C4,B4
AYHHTRN454A	460/3/60	54.0	184,300	2	TCH211-301C4,B4
AYHHTRN472A	460/3/60	72.0	245,700	2	TCH211-301C4,B4

Note: Unit with heater is single circuit/single point.



## Packaged Cooling with ReliaTel™ Controls 12½ through 25 Tons

Table PC-48-A — Downflow /Horizontal Supplementary Heaters:

Model Number	Power Supply	kW Rating	Nominal BTUH	No. Stages	Used With
AYDHTRKW18A	575/3/60	18.0	61,400	1	TCD150DW,180BW,151CW,181C
AYDHTRKW36A	575/3/60	36.0	122,900	2	TCD150DW,180BW,210CW,181C 240-300BW,211-301CW
AYDHTRLW54A	575/3/60	54.0	184,300	2	TCD210CW,240-300B,211-301CW
AYDHTRKW72A	575/3/60	72.0	245,700	2	TCD211-301CW
AYDHTRMW36A	575/3/60	36.0	122,900	2	TCD150DW,180BW,210CW 181C,240-300BW,211-301CW
AYDHTRMW72A	575/3/60	72.0	245,700	2	TCD240-300BW
AYHHTRMW18A	575/3/60	18.0	61,400	1	TCD181C
AYHHTRMW36A	575/3/60	36.0	122,900	2	TCH181CW,211-301CW
AYHHTRMW54A	575/3/60	54.0	184,300	2	TCH240-300BW,181C
AYHHTRNW18A	575/3/60	18.0	61,400	1	TCH150DW,180BW,151C,181C
AYHHTRNW54A	575/3/60	54.0	184,300	2	TCH240-300BW,211-301CW
AYHHTRNW72A	575/3/60	72.0	245,700	2	TCH240-300BW,211-301CW
AYHHTRPW36A	575/3/60	36.0	122,900	2	TCH150DW,180BW,210CW,151C
AYHHTRPW54A	575/3/60	54.0	184,300	2	TCH150DW,180BW,151C
AYHHTRQW54A	575/3/60	54.0	184,300	2	TCH210CW
AYHHTRKW72A	575/3/60	72.0	245,700	2	TCH211-301CW

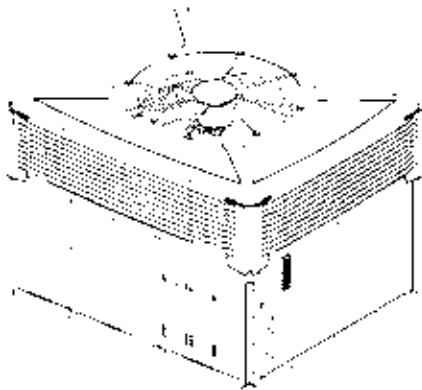
Note: Unit with heater is single circuit/single point.

See ReliaTel™ and Micro Control features on PC-35 and PC-36.





# Package Heat Pump Convertible 1½ through 5 Tons



- Architectural Louvers and Corner Guards for durable protection and extra safety.
- Appliance Grade Finish durable powder paint baked on both sides of every panel.
- Weather Beater top contoured and reinforced for strength.
- Exclusive **Duration™** high efficiency compressor
- Aerospace Ducted Outdoor fan for quiet operation
- Composite **Vortica®** Blower uses less energy to provide more air with less sound.
- Side electrical service access for high and low voltage
- Sloped composite no-rust drain pan
- Shipped for horizontal application, easily convertible to downflow
- One electric heater family
- Optional filter rack fits inside unit
- Low voltage polarized plug for easy electric heater installation
- Heavy gauge steel cabinet with weather resistant, baked enamel finish
- Top discharge fan
- Demand defrost control
- Refrigerant line filter drier
- Solenoid operated switchover valve
- Copper tube, aluminum plate fin Indoor coil
- Expansion valve no bleed on outdoor coil
- High efficiency outdoor fan motor with polarized plug
- Expansion valve no bleed on indoor coil
- Water shed base
- UL Listed
- Crankcase heater
- Direct drive blower 2-speed motor
- Compressor internal overload protection
- Protected pressure taps for refrigerant checks
- Standard operation to 55°F. as manufactured
- Low ambient cooling to 0°F. with BAYLOAM105A
- **10-year limited compressor warranty, 5-year other parts single phase (Residential Use Only)**
- **Optional extended warranties**

**Table PH-1-A — 2WCX - Heritage® 13 - Convertible Package Heat Pump - R-22**

Model Number	Capacity	SEER/EER	HSPF	Shipping Weight	MCA	Max Fuse	Sound Rating	Cabinet Dimensions (in.) H x W x L
<b>2WCX – 208/230/1/60</b>								
2WCX3024A1000A	23,200	13.45/11.80	7.9	453	11.5	20	72	36 x 51 x 43
2WCX3030A1000A	29,400	13.05/11.00	8.4	454	17.1	25	72	36 x 51 x 43
2WCX3036A1000A	37,200	13.20/11.00	8.0	468	24.2	40	75	36 x 51 x 43
2WCX3042A1000A	40,000	13.10/11.20	8.25	529	24.6	40	73	38 x 61 x 46
2WCX3048A1000A	47,000	13.30/11.30	7.95	553	28.6	45	73	38 x 61 x 46
2WCX3060A1000A	58,500	13.35/11.25	8.3	623	40.4	60	72	42 x 61 x 46

**Table PH-1-B — 4WCX - Heritage® 13 - Convertible Package Heat Pump - R-410A**

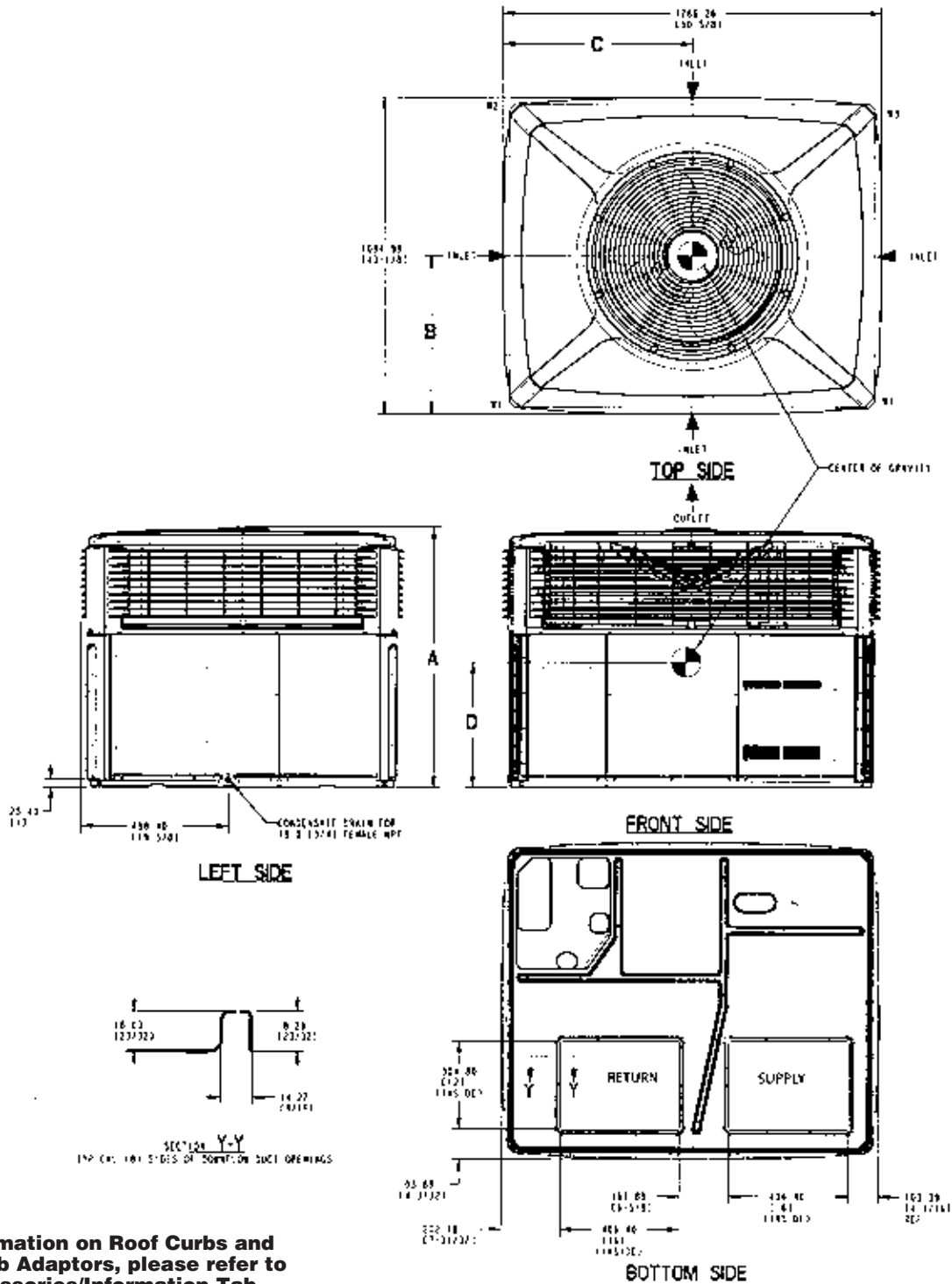
Model Number	Capacity	SEER/EER	HSPF	Shipping Weight	MCA	Max Fuse	Sound Rating	Cabinet Dimensions (in.) H x W x L
<b>4WCX – 208/230/1/60</b>								
4WCX3018A1000A	18,600	13.15/11.10	7.7	444	10.6	15	69	36 x 51 x 43
4WCX3036A1000A	36,200	13.20/11.00	7.75	468	25.5	40	71	36 x 51 x 43
4WCX3048A1000A	46,000	13.15/10.75	8.25	553	31.1	50	73	38 x 61 x 46
4WCX3060A1000A	59,500	13.05/10.85	7.85	618	43.3	60	72	40 x 61 x 46
<b>4WCX – 208/230/3/60</b>								
4WCX3036A3000A	36,200	13.20/11.00	7.75	468	18.2	30	71	36 x 51 x 43
4WCX3048A3000A	46,600	13.15/10.75	8.25	553	23.6	35	73	38 x 61 x 46
4WCX3060A3000A	59,500	13.05/10.85	7.85	618	31.5	50	72	40 x 59 x 44
<b>4WCX – 460/3/60</b>								
4WCX3036A4000A	36,200	13.20/11.00	7.75	468	8.7	15	71	36 x 51 x 43
4WCX3048A4000A	46,000	13.15/10.75	8.25	553	11.7	15	73	38 x 61 x 46
4WCX3060A4000A	59,500	13.05/10.85	7.85	618	19.3	25	72	40 x 61 x 46

**For information on Roof Curbs and Roof Curb Adaptors,  
please refer to the Accessories/Information Tab.**



# Package Heat Pump Convertible 1½ through 5 Tons

2/4WCX3018A through 2/4WCX3036A



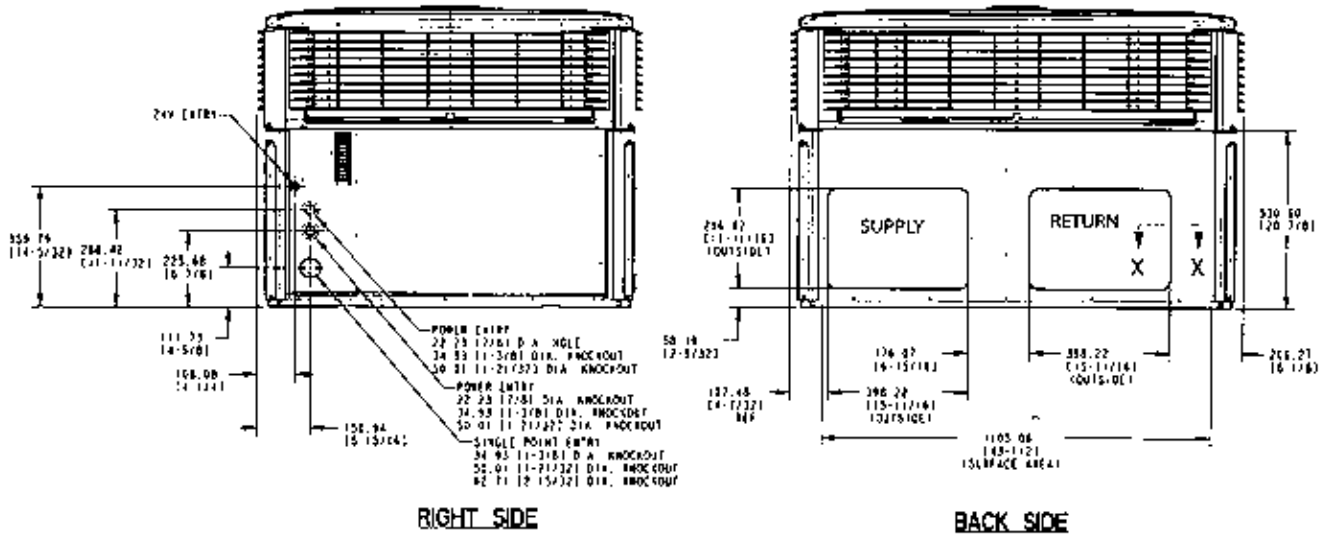
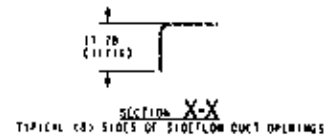
**For information on Roof Curbs and Roof Curb Adaptors, please refer to the Accessories/Information Tab.**

## Package Heat Pump Convertible 1½ through 5 Tons

2/4WCX3018A through 2/4WCX3036A

RECOMMENDED SERVICE CLEARANCE			
		WITH O.A. DAMPER/ECON	WITH 2 POS. DAMPER
BACK SIDE	354.6 [121]	-	439.8 [124]
LEFT SIDE	162.0 [130]	106.6 [142]	-
RIGHT SIDE	162.0 [124]	-	-
FRONT SIDE	162.0 [130]	-	-

CLEARANCE TO COMBUSTIBLE MATERIAL	
BOTTOM	0
BACK SIDE	25.4 [11]
LEFT SIDE	152.4 [161]
RIGHT SIDE	152.4 [161]
FRONT SIDE	304.8 [123]
TOP	914.4 [1367]

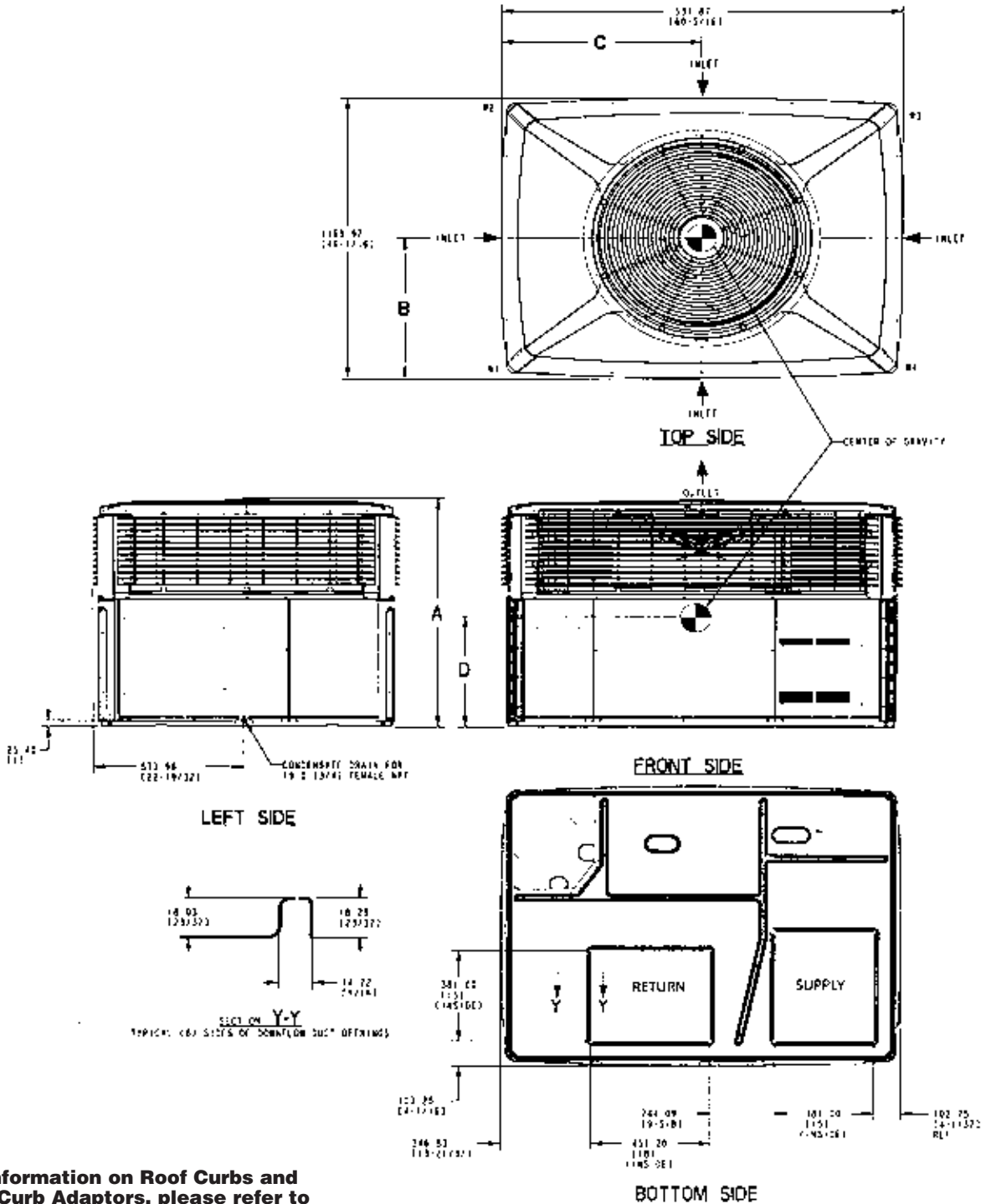


MODEL	HEIGHT		APPROX. CORNER WEIGHT - KG/LBS				TOTAL WEIGHT KG/LBS	CENTER OF GRAVITY	
	A	B	W1	W2	W3	W4		B	C
4TC018	903.29 (35-9/16)		36 [79]	57 [125]	40 [88]	25 [56]	158 [348]	635 [25.0]	508 [20.0]
4TC024			36 [79]	57 [125]	40 [88]	25 [56]	158 [348]	635 [25.0]	508 [20.0]
4TC030			36 [79]	57 [125]	40 [88]	25 [56]	158 [349]	635 [25.0]	508 [20.0]
4TC036			36 [78]	56 [124]	41 [89]	26 [56]	161 [354]	635 [25.0]	508 [20.0]
4WC018			36 [78]	56 [124]	41 [89]	26 [56]	158 [348]	635 [25.0]	515.6 [20.3]
2WC024			36 [80]	58 [127]	42 [92]	26 [58]	162 [357]	635 [25.0]	515.6 [20.3]
2WC030			37 [81]	58 [128]	41 [91]	26 [57]	162 [358]	635 [25.0]	508 [20.0]
2WC036			38 [84]	61 [134]	43 [94]	27 [60]	169 [372]	635 [25.0]	508 [20.0]

For information on Roof Curbs and Roof Curb Adaptors, please refer to the Accessories/Information Tab.

# Package Heat Pump Convertible 1½ through 5 Tons

2/4WCX3042A through 2/4WCX3060A



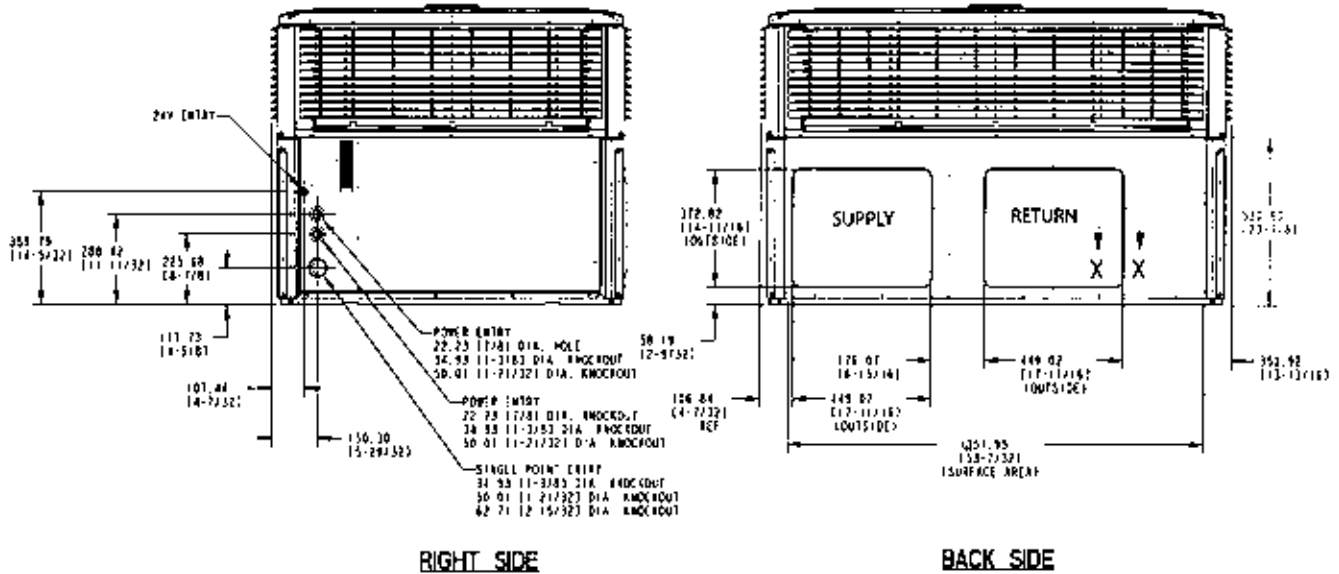
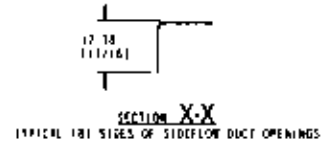
**For information on Roof Curbs and Roof Curb Adaptors, please refer to the Accessories/Information Tab.**

## Package Heat Pump Convertible 1½ through 5 Tons

2/4WCX3042A through 2/4WCX3060A

RECOMMENDED SERVICE CLEARANCE			
		WITH 0.8 DAMPER/ECOM	WITH 2 POS. DAMPER
BACK SIDE	304.8 [1121]	-	609.6 [2341]
LEFT SIDE	762.0 [3001]	1066.8 [4221]	-
RIGHT SIDE	609.6 [2411]	-	-
FRONT SIDE	762.0 [3001]	-	-

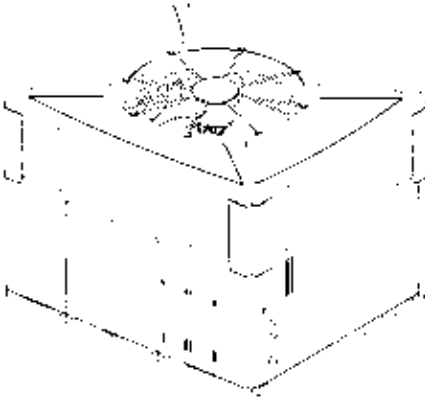
CLEARANCE TO COMBUSTIBLE MATERIAL	
BOTTOM	0
BACK SIDE	25.4 [111]
LEFT SIDE	152.4 [611]
RIGHT SIDE	152.4 [611]
FRONT SIDE	304.8 [1201]
TOP	314.4 [1241]



MODEL	HEIGHT A	APPROX. CORNER WEIGHT - LBS				TOTAL WEIGHT LBS	CENTER OF GRAVITY	
		B1	B2	B3	B4		B	C
ATC1042	954.10 [37-9/16]	41 [90]	62 [137]	46 [102]	30 [67]	179 [395]	673.1 [26.5]	629.92 [24.8]
ATC2548		47 [105]	76 [168]	58 [127]	36 [79]	217 [479]	685.8 [27.0]	635 [25.0]
ATC1640	1004.90 [39-9/16]	46 [102]	78 [172]	59 [130]	35 [77]	219 [482]	698.5 [27.5]	635 [25.0]
2WC1542	954.10 [37-9/16]	42 [92]	63 [138]	46 [102]	31 [69]	182 [401]	668.02 [26.3]	629.92 [24.8]
7WC1045		44 [98]	66 [146]	49 [109]	33 [73]	193 [425]	668.02 [26.3]	629.92 [24.8]
4WC1045	1055.70 [41-9/16]	41 [90]	69 [152]	52 [115]	31 [68]	193 [425]	698.5 [27.5]	635 [25.0]
7WC1063		48 [105]	80 [177]	61 [134]	36 [79]	225 [495]	698.5 [27.5]	635 [25.0]
4WC1063	1004.90 [39-9/16]	47 [104]	79 [175]	60 [132]	36 [76]	222 [490]	698.5 [27.5]	635 [25.0]

For information on Roof Curbs and Roof Curb Adaptors, please refer to the Accessories/Information Tab.

## Package Heat Pump Convertible 1½ through 5 Tons



- **Duration™** high efficiency compressor
- Shipped for horizontal application, easily convertible to downflow
- One electric heater family
- Optional filter rack fits inside unit
- Low voltage polarized plug for easy electric heater installation
- Heavy gauge steel cabinet with weather resistant, baked enamel finish
- Top discharge fan
- Demand defrost control
- Refrigerant line filter drier
- Solenoid operated switchover valve
- Copper tube, aluminum plate fin Indoor coil
- Expansion valve no bleed on outdoor coil
- High efficiency outdoor fan motor with polarized plug
- Expansion valve no bleed on indoor coil
- Water shed base
- UL Listed
- Crankcase heater
- Direct drive blower 2-speed motor
- Compressor internal overload protection
- Protected pressure taps for refrigerant checks
- Standard operation to 55°F. as manufactured
- Low ambient cooling to 0°F. with BAYLOAM105A
- **5-year limited compressor warranty, 5-year other parts single phase (Residential Use Only)**
- **Optional extended warranties**

**Table PH-6-A — 2WCC - Heritage® 13 - Convertible Package Heat Pump - R-22**

Model Number	Capacity	SEER/EER	HSPF	Shipping Weight	MCA	Max Fuse	Sound Rating	Cabinet Dimensions (in.) H x W x L
<b>2WCC— 208/230/1/60</b>								
2WCC3024A1000A	23,000	13.00/11.00	7.7	453	12.5	20	76	36 x 49 x 42
2WCC3030A1000A	28,000	13.00/11.00	7.7	454	17.1	25	76	36 x 49 x 42
2WCC3036A1000A	35,000	13.00/11.00	7.7	468	24.2	40	75	36 x 49 x 42
2WCC3042A1000A	40,000	13.00/11.00	7.7	529	24.6	40	78	38 x 59 x 44
2WCC3048A1000A	45,500	13.00/11.00	7.7	553	28.6	45	79	38 x 59 x 44
2WCC3060A1000A	58,000	13.00/11.00	7.7	623	40.4	60	79	42 x 59 x 44

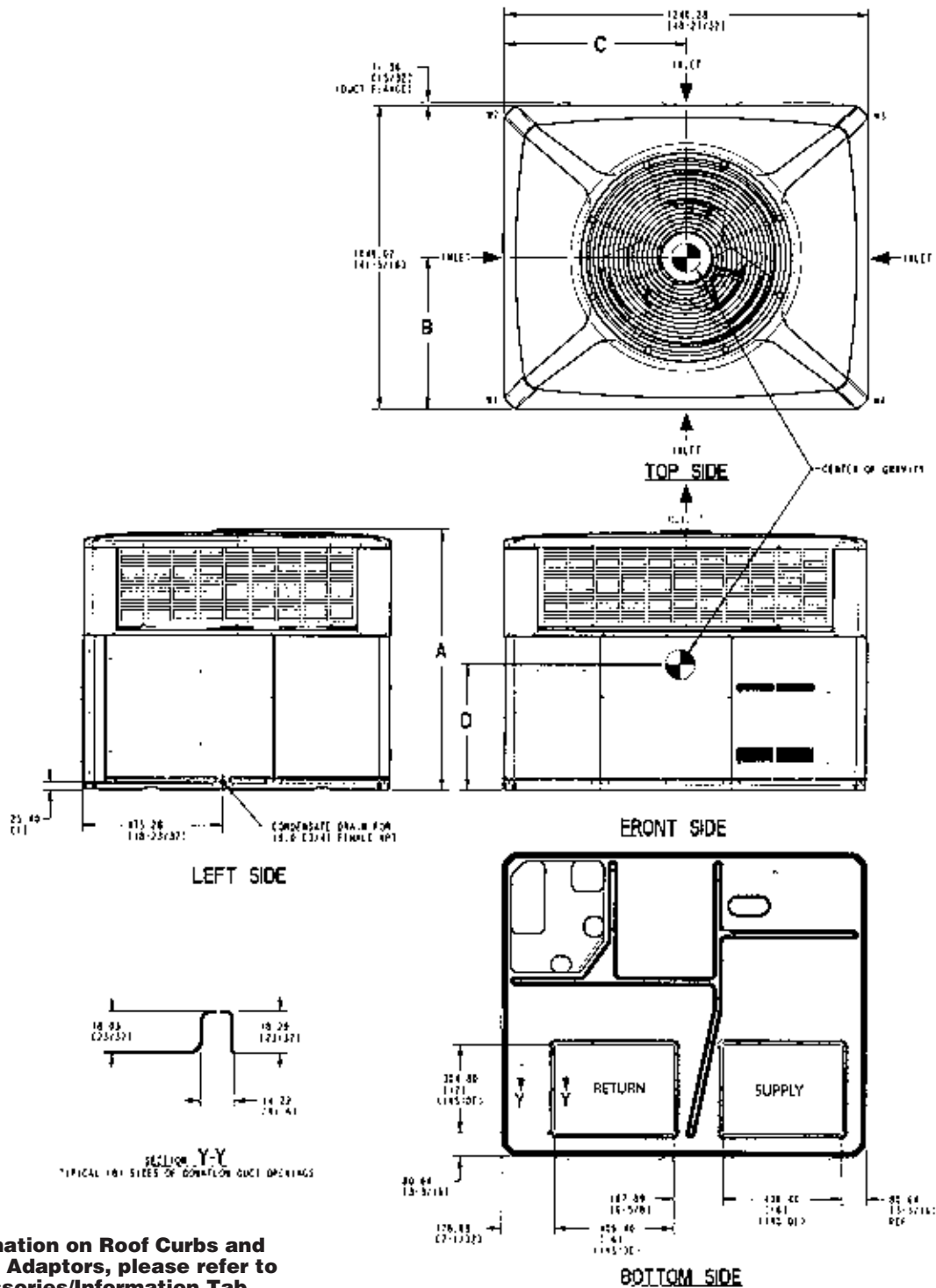
**Table PH-6-B — 4WCC - Heritage® 13 - Convertible Package Heat Pump - R-410A**

Model Number	Capacity	SEER/EER	HSPF	Shipping Weight	MCA	Max Fuse	Sound Rating	Cabinet Dimensions (in.) H x W x L
<b>4WCC— 208/230/1/60</b>								
4WCC3018A1000A	18,000	13.00/11.00	7.7	444	10.6	15	74	36 x 49 x 42
4WCC3036A1000A	35,000	13.00/11.00	7.7	468	25.5	40	75	36 x 49 x 42
4WCC3048A1000A	45,500	13.00/10.75	7.7	553	31.1	50	80	38 x 59 x 44
4WCC3060A1000A	58,000	13.00/10.85	7.7	618	43.3	60	79	40 x 59 x 44
<b>4WCC — 208/230/3/60</b>								
4WCC3036A3000A	35,000	13.00/11.00	7.7	468	18.2	30	75	36 x 49 x 42
4WCC3048A3000A	45,500	13.00/10.75	7.7	553	23.6	35	80	38 x 59 x 44
4WCC3060A3000A	58,000	13.00/10.85	7.7	618	31.5	50	79	40 x 59 x 44
<b>4WCC— 460/3/60</b>								
4WCC3036A4000A	35,000	13.00/11.00	7.7	468	8.7	15	75	36 x 49 x 42
4WCC3048A4000A	45,500	13.00/10.75	7.7	553	11.7	15	80	38 x 59 x 44
4WCC3060A4000A	58,000	13.00/10.85	7.7	618	19.3	25	79	40 x 59 x 44

**For information on Roof Curbs and Roof Curb Adaptors,  
please refer to the Accessories/Information Tab.**

# Package Heat Pump Convertible 1½ through 5 Tons

2/4WCC3018A through 2/4WCC3036A



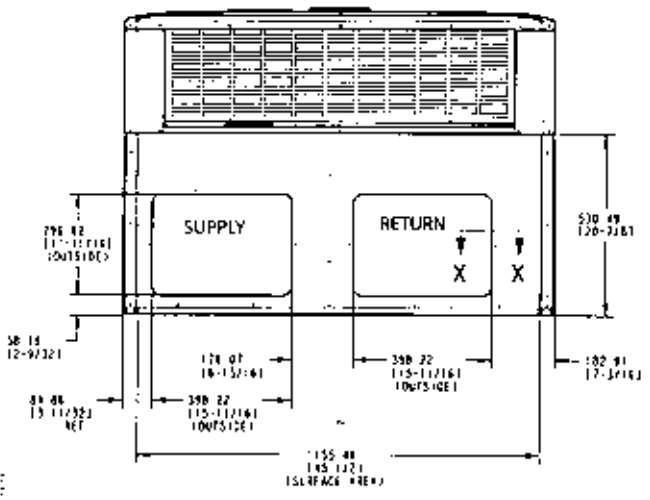
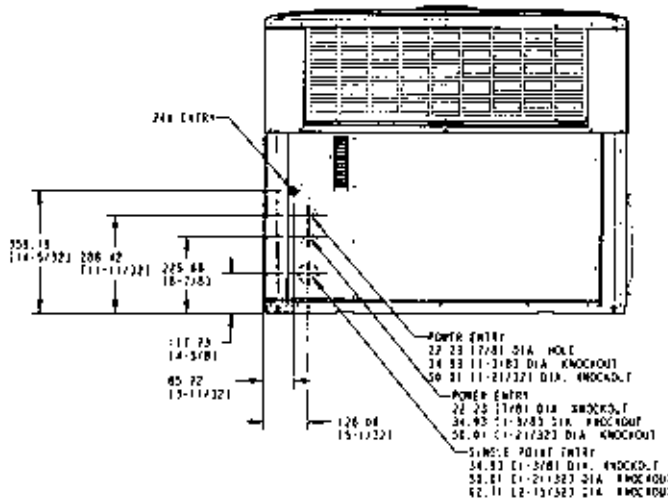
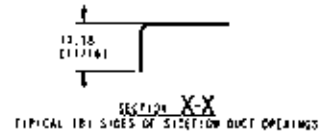
**For information on Roof Curbs and Roof Curb Adaptors, please refer to the Accessories/Information Tab.**

## Package Heat Pump Convertible 1½ through 5 Tons

2/4WCC3018A through 2/4WCC3036A

RECOMMENDED SERVICE CLEARANCE			
		WITH 0 A. DAMPER/COM	WITH 2 PGS. DAMPER
BACK SIDE	304 & E221	-	639 & I241
LEFT SIDE	762 & E301	1286 & E421	-
RIGHT SIDE	639 & E241	-	-
FRONT SIDE	762 & E301	-	-

CLEARANCE TO COMBUSTIBLE MATERIAL	
BOTTOM	0
BACK SIDE	75 & E13
LEFT SIDE	152 & I41
RIGHT SIDE	152 & I41
FRONT SIDE	324 & I121
TOP	614 & I341



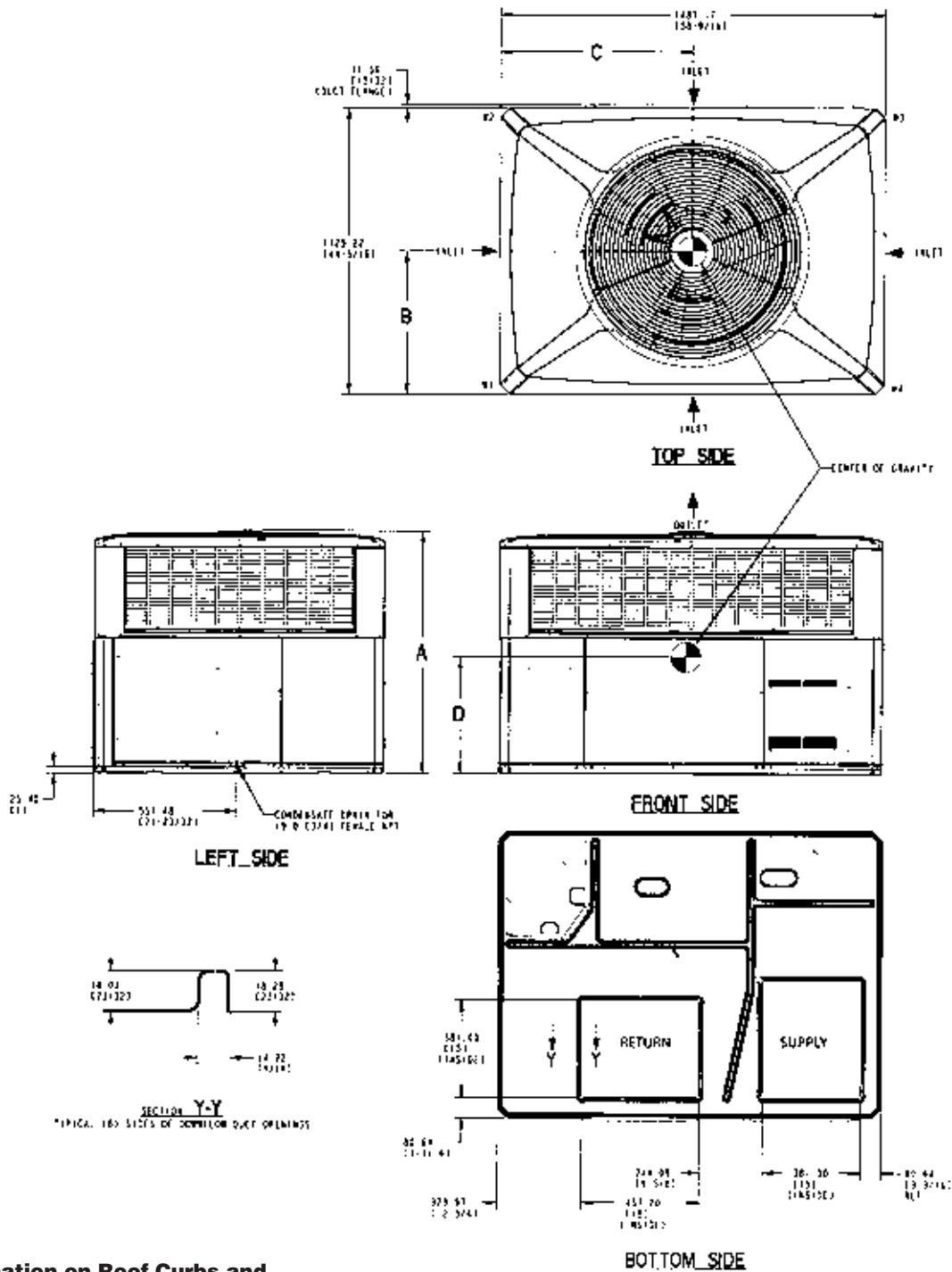
MODEL	FEISTH	APPROX CORNER WEIGHT - KG/LBS				TOTAL WEIGHT - KG/LBS	CENTER OF GRAVITY	
		B1	B2	B3	B4		B	C
4WCC110	903.29 [35-9/16]	36 [79]	57 [125]	40 [88]	25 [56]	158 [348]	635 [25.0]	508 [20.0]
4WCC174		36 [79]	57 [125]	40 [88]	25 [56]	158 [348]	635 [25.0]	508 [20.0]
4WCC130		38 [79]	57 [125]	40 [88]	25 [56]	158 [349]	635 [25.0]	508 [20.0]
4WCC134		36 [78]	56 [124]	41 [89]	26 [56]	161 [354]	635 [25.0]	508 [20.0]
4WCC118		36 [78]	58 [124]	41 [89]	26 [56]	158 [348]	635 [25.0]	515.6 [20.3]
2WCC174		36 [80]	58 [127]	42 [92]	26 [58]	162 [357]	635 [25.0]	515.6 [20.3]
2WCC130		37 [81]	58 [128]	41 [91]	26 [57]	162 [358]	635 [25.0]	508 [20.0]
24WCC036		38 [84]	61 [134]	43 [94]	27 [60]	169 [372]	635 [25.0]	508 [20.0]

For information on Roof Curbs and Roof Curb Adaptors, please refer to the Accessories/Information Tab.



# Package Heat Pump Convertible 1½ through 5 Tons

2/4WCC3042A through 2/4WCC3060A



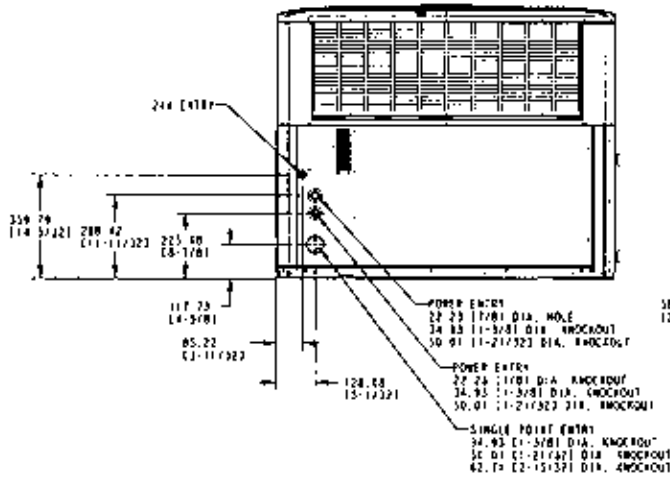
**For information on Roof Curbs and Roof Curb Adaptors, please refer to the Accessories/Information Tab.**

## Package Heat Pump Convertible 1½ through 5 Tons

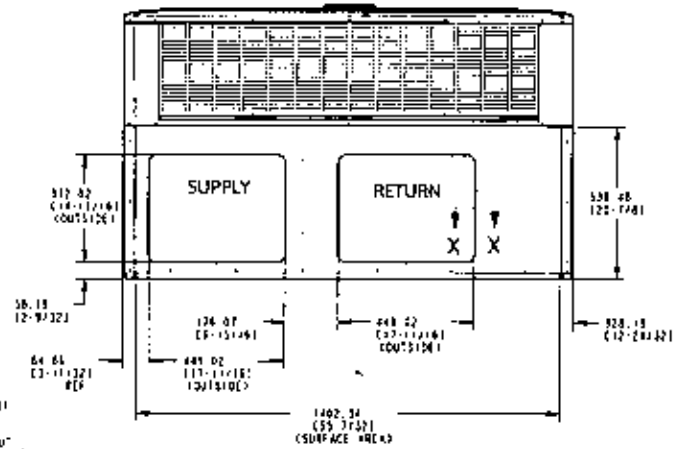
2/4WCC3042A through 2/4WCC3060A

RECOMMENDED SERVICE CLEARANCE			
		WITH O.A. DAMPER/EXCON.	WITH 2 POS. DAMPER
BACK SIDE	364.8 (C21)	-	409.8 (C24)
LEFT SIDE	162.8 (C30)	106.8 (C47)	-
RIGHT SIDE	409.8 (C24)	-	-
FRONT SIDE	162.8 (C30)	-	-

CLEARANCE TO COMBUSTIBLE MATERIAL	
SECTION	3
BACK SIDE	25.4 (C13)
LEFT SIDE	152.4 (C6)
RIGHT SIDE	152.4 (C6)
FRONT SIDE	304.8 (C21)
TOP	914.4 (C36)



RIGHT SIDE



BACK SIDE

MODEL	HEIGHT	APPROX. CORNER WEIGHT - KG/LBS				TOTAL WEIGHT KG/LBS	CENTER OF GRAVITY	
		#1	#2	#3	#4		B	C
4WCC047	954.10 [37-9/16]	41 [90]	62 [137]	46 [102]	30 [67]	179 [395]	673.1 [26.5]	629.92 [24.8]
4WCC048		47 [105]	76 [168]	58 [127]	36 [79]	217 [479]	685.8 [27.0]	635 [25.0]
4WCC050	1004.90 [39-9/16]	46 [102]	78 [172]	59 [130]	35 [77]	219 [482]	698.5 [27.5]	635 [25.0]
2WCC047	954.10 [37-9/16]	42 [92]	63 [138]	48 [102]	31 [69]	182 [401]	668.02 [26.3]	629.92 [24.8]
2WCC048		44 [98]	66 [146]	49 [109]	33 [73]	193 [425]	668.02 [26.3]	629.92 [24.8]
4WCC048		41 [90]	69 [152]	52 [115]	31 [68]	193 [425]	698.5 [27.5]	635 [25.0]
2WCC050	1055.70 [41-9/16]	48 [105]	80 [177]	61 [134]	36 [79]	225 [495]	698.5 [27.5]	635 [25.0]
4WCC050	1004.90 [39-9/16]	47 [104]	79 [175]	60 [132]	36 [76]	222 [490]	698.5 [27.5]	635 [25.0]

For information on Roof Curbs and Roof Curb Adaptors, please refer to the Accessories/Information Tab.



# Package Heat Pump Convertible 1½ through 5 Tons

Table PH-11-A — Accessories

	2WCX 2-5	4WCX 1½-5	2WCC 2-5	4WCC 1½-5
BAYADAP050A ..... Adapter Curb (Cabinet A/B) .....	1½-3	1½-3	1½-3	1½-3
BAYADAP051A ..... Adapter Curb (Cabinet C) .....	1½-3	1½-3	1½-3	1½-3
BAYADAP052A ..... Adapter Curb (Cabinet A/B) .....	3½-5	3½-5	3½-5	3½-5
BAYADAP053A ..... Adapter Curb (Cabinet C) .....	3½-5	3½-5	3½-5	3½-5
BAYADAP054A ..... Adapter Curb (Cabinet D) .....	3½-5	3½-5	3½-5	3½-5
BAYCCHT101A ..... Crankcase Heater (230V) .....	2-2½,5	1½	2-2½,4	1½
BAYCCHT102A ..... Crankcase Heater (230V) .....	3-3½	3, 4	3-3½	3,4
BAYCCHT104A ..... Crankcase Heater (460V) .....	—	5	—	5
BAYCOVR112A ..... 12" Duct Shroud (Covers Horizontal Ducts)® .....	3½-5	3½-5	3½-5	3½-5
BAYCOVR118A ..... 18" Duct Shroud (Covers Horizontal Ducts)® .....	3½-5	3½-5	3½-5	3½-5
BAYCURB050A ..... Flat Roof Curb (Insulated)Ⓞ .....	1½-3	1½-3	1½-3	1½-3
BAYCURB051A ..... Flat Roof Curb (Insulated)Ⓞ .....	3½-5	3½-5	3½-5	3½-5
BAYDMPR101A ..... 2-Position Motorized Damper .....	1½-3	1½-3	1½-3	1½-3
BAYDMPR102A ..... 2-Position Motorized Damper .....	3½-4	3½-4	3½-4	3½-4
BAYECON101A ..... Economizer with Barometric Relief①②④⑤⑥ .....	1½-3	1½-3	1½-3	1½-3
BAYECON102A ..... Economizer with Barometric Relief①②④⑤⑥ .....	3½-4	3½-4	3½-4	3½-4
BAYECON200A ..... Economizer (Horizontal)①②④⑤ .....	✓	✓	✓	✓
BAYECON201A ..... Economizer (Horizontal)①②④⑤ .....	3½-5	3½-5	3½-5	3½-5
BAYENTH100A ..... Enthalpy Control Kit④ .....	✓	✓	✓	✓
BAYEXMK001A ..... Extreme Conditions Mounting Kit .....	✓	✓	✓	✓
BAYEXMK002A ..... Extreme Conditions Mounting Kit .....	✓	✓	✓	✓
BAYEXMK003A ..... Extreme Conditions Mounting Kit (Used on Slab Mounts) .....	✓	✓	✓	✓
BAYFLTR101A ..... 1-2" Filter FrameⓄ .....	1½-3	1½-3	1½-3	1½-3
BAYFLTR201A ..... 1-2" Filter FrameⓄ .....	3½-4	3½-4	3½-4	3½-4
BAYLIFT002B ..... Lifting Lug Kit .....	✓	✓	✓	✓
BAYLOAM011A ..... Evaporator Defrost Control Kit .....	✓	✓	✓	✓
BAYLOAM105A ..... Low Ambient Control KitⓄ .....	✓	✓	✓	✓
BAYOSAH001A ..... Manual Fresh Air Damper②⑤ .....	1½-3	1½-3	1½-3	1½-3
BAYOSAH002A ..... Manual Fresh Air Damper②⑤ .....	3½-4	3½-4	3½-4	3½-4
BAYQSTK300A ..... Quick Start Kit .....	1 Phase Only	1 Phase Only	1 Phase Only	1 Phase Only
BAYSQRD001A ..... 16" Round Duct Adapter® .....	1½-3	1½-3	1½-3	1½-3
BAYSQRD002A ..... 18" Round Duct Adapter® .....	1½-5	1½-5	1½-5	1½-5
BAYUTIL101A ..... Roof Curb Extension Kit .....	1½-3	1½-3	1½-3	1½-3
BAYUTIL102A ..... Roof Curb Extension Kit .....	3½-4	3½-4	3½-4	3½-4

- ① Relay required with economizer on all 2/4WC\*3 models.
- ② Must use filter frame when economizer/fresh air kit is used.
- ③ Ships knocked down.
- ④ Dry bulb control standard with economizer.
- ⑤ Downflow Only.
- ⑥ Full perimeter curb for 2/4WC\*3018-036A models.
- ⑦ Full perimeter curb for 2/4WC\*3042-060A models.
- ⑧ 2-Stage thermostat provides additional energy savings if simultaneous economizer and compressor operation is expected.
- ⑨ Do not use with programmable thermostats.
- ⑩ It is the responsibility of the installing dealer to properly size the ductwork for each specific application.
- ⑪ BAYRLAY005A, required on all heat pump applications.
- ⑫ BAYCOVR112,118A will not cover BAYSQRD002A applications

**For information on Roof Curbs and Roof Curb Adaptors,  
please refer to the Accessories/Information Tab.**



# Package Heat Pump Convertible 1½ through 5 Tons

**Table PH-12-A — Supplementary Heaters – Separate power source /power entry required**

Model Number	Description	Used With	Shipping Weight
BAYHTRV105A	3.76/5.0 kW Heater (208/240V 1PH)	2/4WC*3018-060A1	9
BAYHTRV110A	7.50/10.0 kW Heater (208/240V 1PH)	2/4WC*3024-060A1	10
BAYHTRV115A	11.27/15.00 kW Heater (208/240V 1PH)	2/4WC*3030-060A1	14
BAYHTRV120A	15.0/20.0 kW Heater (208/240V 1PH)	2/4WC*3048-060A1	14
BAYHTRV305A	3.76/5.0 kW Heater (208/240V 3PH)	2/4WC*3018-060A3	9
BAYHTRV310A	7.50/10.0 kW Heater (208/240V 3PH)	2/4WC*3024-060A3	10
BAYHTRV315A	11.27/15.00 kW Heater (208/240V 3PH)	2/4WC*3030-060A3	14
BAYHTRV320A	15.00/20.0 kW Heater (208/240V 3PH)	2/4WC*3048-060A3	14
BAYHTRV405A	3.76/5.0 kW Heater (460V 3PH)	2/4WC*3018-060A4	9
BAYHTRV410A	7.50/10.0 kW Heater (460V 3PH)	2/4WC*3024-060A4	10
BAYHTRV415A	11.27/15.00 kW Heater (460V 3PH)	2/4WC*3030-060A4	14
BAYHTRV420A	15.00/20.0 kW Heater (460V 3PH)	2/4WC*3048-060A4	14

**Table PH-12-B — Single Power Entry Kit/Heater Matrix:**

Single Power Entry Kit <sup>ⓐ</sup>	Heater Model	Unit Model	Shipping Weight
BAYSPEK060A	BAYHTRV105A	2WC*3024-048A1	3
		4WC*3018-036A1	
BAYSPEK061A	BAYHTRV305A BAYHTRV310A BAYHTRV405A BAYHTRV410A BAYHTRV415A BAYHTRV420A	4WC*3036-060A3	7
		4WC*3036-048A3	
		4WC*3036-060A4	
		4WC*3036-060A4	
		4WC*3036-060A4	
		4WC*3048-060A4	
BAYSPEK062A	BAYHTRV105A  BAYHTRV110A	4WC*3048-060A1	7
		2WC*3060A1	
		2WC*3024-060A1	
BAYSPEK063A	BAYHTRV115A  BAYHTRV120A	4WC*3036-060A1	7
		2WC*3030-060A1	
		4WC*3036-060A1	
		4WC*3048-060A1	
BAYSPEK064A	BAYHTRV315A BAYHTRV320A	4WC*3036-060A3	6
		4WC*3048-060A3	
BAYSPEK065A	BAYHTRV310A	4WC*3060A3	7

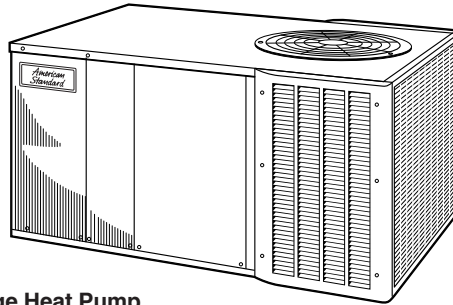
<sup>ⓐ</sup> All necessary fuses are included in kit

**For information on Roof Curbs and Roof Curb Adaptors,  
please refer to the Accessories/Information Tab.**



# Package Heat Pump Convertible 2 through 5 Tons

WCZ-F – 16 SEER  
WCY-G – 14 SEER  
WCX-G – 12 SEER



**Table PH-13-A — WCZ – Convertible Package Heat Pump**

Unit Model No.	SEER/EER	HSPF	Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x W x L	Supply/Return Downflow W x L	Supply/Return Horizontal H x W	Shipping Weight (lbs.)	MCA*	Max Fuse*	Sound Rating	Comp.
<b>WCZ – 208-230/1/60</b>											
WCZ036F100B	15.60/12.00	7.65	36,000	29 x 36 x 64 (C)	10 x 17 <sup>1</sup> / <sub>2</sub>	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	588	27.1	40	80	R1/2
WCZ060F100B	15.05/10.50	8.10	58,000	33 x 45 x 65 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	679	43.5	70	82	R1/2
<b>WCZ – 208-230/3/60</b>											
WCZ036F300B	15.60/12.00	7.65	36,000	29 x 36 x 64 (C)	10 x 17 <sup>1</sup> / <sub>2</sub>	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	588	19.6	30	82	R1/2
WCZ060F300B	15.05/10.50	8.10	58,000	33 x 45 x 65 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	679	30.9	45	82	R1/2

**Table PH-13-B — WCY-G – Convertible Package Heat Pump**

Unit Model No.	SEER/EER	HSPF	Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x W x L	Supply/Return Downflow W x L	Supply/Return Horizontal H x W	Shipping Weight (lbs.)	MCA*	Max Fuse*	Sound Rating	Comp.
<b>WCY – 208-230/1/60</b>											
WCY024G100B	13.70/11.90	7.90	24,500	29 x 36 x 56 (B)	10 x 17 <sup>1</sup> / <sub>2</sub>	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	387	15.8	25	80	R1
WCY030G100B	13.50/11.50	7.70	30,000	29 x 36 x 56 (B)	10 x 17 <sup>1</sup> / <sub>2</sub>	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	398	21.4	30	80	R2
WCY036G100B	13.50/11.55	7.95	37,000	29 x 36 x 64 (C)	10 x 17 <sup>1</sup> / <sub>2</sub>	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	468	27.4	40	80	R2
WCY042G100B	13.05/11.25	7.80	42,000	29 x 36 x 64 (C)	10 x 17 <sup>1</sup> / <sub>2</sub>	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	468	29.6	45	80	R2
WCY048G100A	13.75/12.00	7.60	49,000	33 x 45 x 65 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	576	38.1	60	84	R2
WCY060G100A	13.00/11.35	7.80	60,000	33 x 45 x 65 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	574	46.8	60	84	S

**Table PH-13-C — WCX – Convertible Package Heat Pump**

Unit Model No.	SEER/EER	HSPF	Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x W x L	Supply/Return Downflow W x L	Supply/Return Horizontal H x W	Shipping Weight (lbs.)	MCA*	Max Fuse*	Sound Rating	Comp.
<b>WCX – 208-230/1/60</b>											
WCX024G100B	12.80/11.50	7.60	25,800	29 x 36 x 56 (A)	10 x 17 <sup>1</sup> / <sub>2</sub>	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	387	17.1	25	80	R1
WCX030G100B	12.30/11.00	7.60	30,500	29 x 36 x 56 (A)	10 x 17 <sup>1</sup> / <sub>2</sub>	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	398	20.4	30	80	R2
WCX036G100B	12.30/10.90	7.60	38,000	29 x 36 x 64 (C)	10 x 17 <sup>1</sup> / <sub>2</sub>	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	468	25.9	40	80	R2
WCX042G100B	12.20/10.60	7.90	42,500	29 x 36 x 64 (C)	10 x 17 <sup>1</sup> / <sub>2</sub>	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	468	25.9	40	80	R2
WCX048G100A	12.00/10.60	7.60	48,000	33 x 45 x 65 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	576	37.2	55	84	R2
WCX060G100A	12.00/10.70	8.20	58,500	33 x 45 x 65 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	576	45.4	70	84	R2
<b>WCX – 208-230/3/60</b>											
WCX036G300B	12.30/10.90	7.60	38,000	29 x 36 x 64 (C)	10 x 17 <sup>1</sup> / <sub>2</sub>	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	468	17.9	25	80	R2
WCX042G300A	12.10/10.60	7.90	42,500	29 x 36 x 64 (C)	10 x 17 <sup>1</sup> / <sub>2</sub>	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	468	18.8	30	80	R2
WCX048G300A	12.00/10.60	7.60	48,000	33 x 45 x 65 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	576	27.8	40	84	R2
WCX060G300A	12.00/10.70	8.20	58,500	33 x 45 x 65 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	576	30.1	45	84	R2
<b>WCX – 460/3/60</b>											
WCX036G400B	12.30/10.90	7.60	38,000	29 x 36 x 64 (C)	10 x 17 <sup>1</sup> / <sub>2</sub>	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	468	9.7	15	80	R2
WCX048G400A	12.00/10.60	7.60	48,000	33 x 45 x 65 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	576	12.7	15	84	R2
WCX060G400A	12.00/10.70	8.20	58,500	33 x 45 x 65 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	576	21.1	30	84	R2

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.  
Compressor Types are: R1 = Reciprocating One Cylinder, R2 = Reciprocating Two Cylinder, S = Scroll

**For information on Roof Curbs and Roof Curb Adaptors, please refer to the Accessories/Information Tab.**

*American  
Standard*

## Package Heat Pump Convertible 1½ through 5 Tons

WCP – 12 SEER  
WCC – 10 SEER

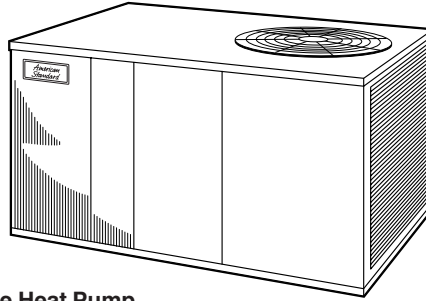


Table PH-14-A — WCP – Convertible Package Heat Pump

Unit Model No.	SEER/EER	HSPF	Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x W x L	Supply/Return Downflow W x L	Supply/Return Horizontal H x W	Shipping Weight (lbs.)	MCA*	Max Fuse*	Sound Rating	Comp.
<b>WCP – 208-230/1/60</b>											
WCP036F100B	12.30/10.9	7.6	38,000	29 x 36 x 62 (C)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	468	25.9	40	80	R2
WCP048F100A	12.00/10.6	7.6	48,000	33 x 45 x 65 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	576	37.2	55	84	R2
WCP060F100A	12.00/10.7	8.2	60,000	33 x 45 x 65 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	576	45.4	70	84	R2
<b>WCP – 208-230/3/60</b>											
WCP036F300B	12.30/10.90	7.6	38,000	29 x 36 x 62 (C)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	468	17.9	25	80	R2
WCP048F300A	12.00/10.60	7.6	48,000	33 x 45 x 64 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	576	27.8	40	84	R2
WCP060F300A	12.00/10.70	8.2	60,000	33 x 45 x 64 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	576	30.1	45	84	R2
<b>WCP – 460/3/60</b>											
WCP036F400B	12.30/10.90	7.6	38,000	29 x 36 x 62 (C)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	468	9.7	15	80	R2
WCP048F400A	12.00/10.60	7.6	48,000	33 x 45 x 64 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	576	12.7	15	84	R2
WCP060F400A	12.00/10.70	8.2	60,000	33 x 45 x 64 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	576	17.7	25	84	R2

Table PH-14-B — WCC – Convertible Package Heat Pump

Unit Model No.	SEER/EER	HSPF	Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x W x L	Supply/Return Downflow W x L	Supply/Return Horizontal H x W	Shipping Weight (lbs.)	MCA*	Max Fuse*	Sound Rating	Comp.
<b>WCC – 208-230/1/60</b>											
WCC018F100B	10.00/9.60	6.8	18,000	25 x 36 x 55 (A)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	337	17.0	25	80	R1
WCC024F100B	10.00/9.40	6.8	23,800	25 x 36 x 55 (A)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	337	17.7	25	80	R1
WCC030F100B	10.00/9.50	6.8	29,800	29 x 36 x 55 (B)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	359	23.4	40	80	R1/2
WCC036F100B	10.00/9.50	6.8	36,000	29 x 36 x 55 (B)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	383	26.0	40	80	R2
WCC042F100B	10.00/9.15	6.8	41,500	29 x 36 x 55 (B)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	400	31.2	50	80	R2
WCC048F100B	10.00/9.50	6.8	48,000	33 x 45 x 64 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	552	37.2	60	84	R2
WCC060F100B	10.00/9.50	6.8	60,000	33 x 45 x 64 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	547	41.1	60	84	R2
<b>WCC – 208-230/3/60 - LIMITED AVAILABILITY 3 PHASE ONLY, 2006.</b>											
WCC036F300B	10.00/9.50	6.8	36,000	29 x 36 x 55 (B)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	459	19.4	30	80	R2
WCC042F300B	10.00/9.15	6.8	41,500	29 x 36 x 55 (B)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	400	23.7	40	80	R2
WCC048F300B	10.00/9.50	6.8	48,000	33 x 45 x 64 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	552	28.3	40	84	R2
WCC060F300B	10.00/9.50	6.8	60,000	33 x 45 x 64 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	547	31.5	45	84	R2
<b>WCC – 460/3/60 - LIMITED AVAILABILITY 3 PHASE ONLY, 2006.</b>											
WCC036F400B	10.00/9.50	6.8	36,000	29 x 36 x 55 (B)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	359	10.2	15	80	R2
WCC048F400B	10.00/9.50	6.8	48,000	33 x 45 x 64 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	552	13.8	20	84	R2
WCC060F400B	10.00/9.50	6.8	60,000	33 x 45 x 64 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	547	16.3	25	84	R2

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

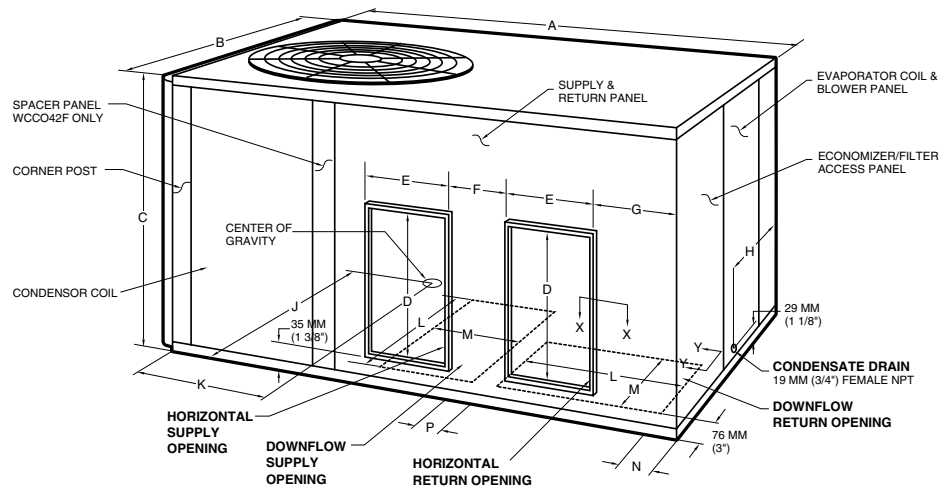
Note: WCC-F models currently manufactured with sloped drain pans.

Compressor Types are: R1 = Reciprocating One Cylinder, R2 = Reciprocating Two Cylinder, S = Scroll

**For information on Roof Curbs and Roof Curb Adaptors,  
please refer to the Accessories/Information Tab.**



## Package Heat Pump Convertible 1½ through 5 Tons



**Table PH-15-A — WCZ – Dimensional Data**

Model	A	B	C	D	E	F	G	H	J	K	L	M	N	P	BAYCURB0
WCZ036F	64	36	29 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>8</sub>	17	18 <sup>1</sup> / <sub>2</sub>	25	17 <sup>1</sup> / <sub>2</sub>	10	3	8 <sup>3</sup> / <sub>4</sub>	33A
WCZ060F	65 <sup>1</sup> / <sub>8</sub>	45	33 <sup>3</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>16</sub>	15 <sup>1</sup> / <sub>16</sub>	4 <sup>15</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	21 <sup>15</sup> / <sub>16</sub>	22 <sup>1</sup> / <sub>4</sub>	25	20	14	3 <sup>1</sup> / <sub>2</sub>	8 <sup>5</sup> / <sub>16</sub>	34A

**Table PH-15-B — WCY – Dimensional Data**

Model	A	B	C	D	E	F	G	H	J	K	L	M	N	P	BAYCURB0
WCY024G	56 <sup>1</sup> / <sub>2</sub>	36	29 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	6 <sup>13</sup> / <sub>16</sub>	17	21	25 <sup>3</sup> / <sub>8</sub>	17 <sup>1</sup> / <sub>2</sub>	10	3	4 <sup>7</sup> / <sub>16</sub>	30A, 38A
WCY030G	56 <sup>1</sup> / <sub>2</sub>	36	29 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	6 <sup>13</sup> / <sub>16</sub>	17	21	24 <sup>3</sup> / <sub>8</sub>	17 <sup>1</sup> / <sub>2</sub>	10	3	4 <sup>7</sup> / <sub>16</sub>	30A, 38A
WCY036G	64	36	29 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>8</sub>	17	19 <sup>1</sup> / <sub>4</sub>	27 <sup>1</sup> / <sub>2</sub>	17 <sup>1</sup> / <sub>2</sub>	10	3	8 <sup>3</sup> / <sub>4</sub>	30A, 38A, 33A
WCY042G	64	36	29 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>8</sub>	17	19 <sup>1</sup> / <sub>4</sub>	27 <sup>1</sup> / <sub>2</sub>	17 <sup>1</sup> / <sub>2</sub>	10	3	8 <sup>3</sup> / <sub>4</sub>	30A, 38A, 33A
WCY048G	65 <sup>1</sup> / <sub>4</sub>	45	33 <sup>3</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>16</sub>	15 <sup>1</sup> / <sub>16</sub>	4 <sup>15</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	21 <sup>15</sup> / <sub>16</sub>	24 <sup>1</sup> / <sub>4</sub>	28 <sup>1</sup> / <sub>2</sub>	20	14	3 <sup>1</sup> / <sub>2</sub>	8 <sup>5</sup> / <sub>16</sub>	30A, 38A, 34A
WCY060G	65 <sup>1</sup> / <sub>4</sub>	45	33 <sup>3</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>16</sub>	15 <sup>1</sup> / <sub>16</sub>	4 <sup>15</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	21 <sup>15</sup> / <sub>16</sub>	24 <sup>1</sup> / <sub>4</sub>	28 <sup>1</sup> / <sub>2</sub>	20	14	3 <sup>1</sup> / <sub>2</sub>	8 <sup>5</sup> / <sub>16</sub>	30A, 38A, 34A

**Table PH-15-C — WCX – Dimensional Data**

Model	A	B	C	D	E	F	G	H	J	K	L	M	N	P	BAYCURB0
WCX024G	56 <sup>1</sup> / <sub>2</sub>	36	29 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	6 <sup>13</sup> / <sub>16</sub>	17	21	25 <sup>3</sup> / <sub>8</sub>	17 <sup>1</sup> / <sub>2</sub>	10	3	4 <sup>7</sup> / <sub>16</sub>	30A, 38A
WCX030G	56 <sup>1</sup> / <sub>2</sub>	36	29 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	6 <sup>13</sup> / <sub>16</sub>	17	21	24 <sup>3</sup> / <sub>8</sub>	17 <sup>1</sup> / <sub>2</sub>	10	3	4 <sup>7</sup> / <sub>16</sub>	30A, 38A
WCX036G	64	36	29 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>8</sub>	17	19 <sup>1</sup> / <sub>4</sub>	27 <sup>1</sup> / <sub>2</sub>	17 <sup>1</sup> / <sub>2</sub>	10	3	8 <sup>3</sup> / <sub>4</sub>	30A, 38A, 33A
WCX042G	64	36	29 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>8</sub>	17	19 <sup>1</sup> / <sub>4</sub>	27 <sup>1</sup> / <sub>2</sub>	17 <sup>1</sup> / <sub>2</sub>	10	3	8 <sup>3</sup> / <sub>4</sub>	30A, 38A, 33A
WCX048G	65 <sup>1</sup> / <sub>4</sub>	45	33 <sup>3</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>16</sub>	15 <sup>1</sup> / <sub>16</sub>	4 <sup>15</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	21 <sup>15</sup> / <sub>16</sub>	24 <sup>1</sup> / <sub>4</sub>	28 <sup>1</sup> / <sub>2</sub>	20	14	3 <sup>1</sup> / <sub>2</sub>	8 <sup>5</sup> / <sub>16</sub>	30A, 38A, 34A
WCX060G	65 <sup>1</sup> / <sub>4</sub>	45	33 <sup>3</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>16</sub>	15 <sup>1</sup> / <sub>16</sub>	4 <sup>15</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	21 <sup>15</sup> / <sub>16</sub>	24 <sup>1</sup> / <sub>4</sub>	28 <sup>1</sup> / <sub>2</sub>	20	14	3 <sup>1</sup> / <sub>2</sub>	8 <sup>5</sup> / <sub>16</sub>	30A, 38A, 34A

**Table PH-15-D — WCP – Dimensional Data**

Model	A	B	C	D	E	F	G	H	J	K	L	M	N	P	BAYCURB0
WCP036F	62 <sup>7</sup> / <sub>8</sub>	36	29 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>8</sub>	17	19 <sup>1</sup> / <sub>4</sub>	27 <sup>1</sup> / <sub>2</sub>	17 <sup>1</sup> / <sub>2</sub>	10	3	8 <sup>3</sup> / <sub>4</sub>	30A, 38A, 33A
WCP048F	64 <sup>3</sup> / <sub>8</sub>	45	33 <sup>3</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>16</sub>	15 <sup>1</sup> / <sub>16</sub>	4 <sup>15</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	21 <sup>15</sup> / <sub>16</sub>	24 <sup>1</sup> / <sub>4</sub>	28 <sup>1</sup> / <sub>2</sub>	20	14	3 <sup>1</sup> / <sub>2</sub>	8 <sup>5</sup> / <sub>16</sub>	30A, 38A, 33A
WCP060F	64 <sup>3</sup> / <sub>8</sub>	45	33 <sup>3</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>16</sub>	15 <sup>1</sup> / <sub>16</sub>	4 <sup>15</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	21 <sup>15</sup> / <sub>16</sub>	24 <sup>1</sup> / <sub>4</sub>	28 <sup>1</sup> / <sub>2</sub>	20	14	3 <sup>1</sup> / <sub>2</sub>	8 <sup>5</sup> / <sub>16</sub>	30A, 38A, 34A

**Table PH-15-E — WCC – Dimensional Data - LIMITED AVAILABILITY 3 PHASE ONLY, 2006.**

Model	A	B	C	D	E	F	G	H	J	K	L	M	N	P	BAYCURB0
WCC018F	55 <sup>1</sup> / <sub>4</sub>	36	25 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	6 <sup>13</sup> / <sub>16</sub>	17	20 <sup>1</sup> / <sub>2</sub>	25	17 <sup>1</sup> / <sub>2</sub>	10	3	4 <sup>7</sup> / <sub>16</sub>	30A, 38A
WCC024F	55 <sup>1</sup> / <sub>4</sub>	36	25 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	6 <sup>13</sup> / <sub>16</sub>	17	20 <sup>1</sup> / <sub>2</sub>	25	17 <sup>1</sup> / <sub>2</sub>	10	3	4 <sup>7</sup> / <sub>16</sub>	30A, 38A
WCC030F	55 <sup>1</sup> / <sub>4</sub>	36	29 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	6 <sup>13</sup> / <sub>16</sub>	17	20 <sup>13</sup> / <sub>16</sub>	25 <sup>3</sup> / <sub>16</sub>	17 <sup>1</sup> / <sub>2</sub>	10	3	4 <sup>7</sup> / <sub>16</sub>	30A, 38A
WCC036F	55 <sup>1</sup> / <sub>4</sub>	36	29 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	6 <sup>13</sup> / <sub>16</sub>	17	19	24 <sup>3</sup> / <sub>16</sub>	17 <sup>1</sup> / <sub>2</sub>	10	3	4 <sup>7</sup> / <sub>16</sub>	30A, 38A
WCC042F	55 <sup>1</sup> / <sub>4</sub>	36	29 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	6 <sup>13</sup> / <sub>16</sub>	17	18 <sup>13</sup> / <sub>16</sub>	24	17 <sup>1</sup> / <sub>2</sub>	10	3	4 <sup>7</sup> / <sub>16</sub>	30A, 38A
WCC048F	64 <sup>3</sup> / <sub>16</sub>	45	33 <sup>3</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>16</sub>	15 <sup>1</sup> / <sub>16</sub>	4 <sup>15</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	21 <sup>15</sup> / <sub>16</sub>	24 <sup>3</sup> / <sub>4</sub>	29	20	14	3 <sup>1</sup> / <sub>2</sub>	8 <sup>5</sup> / <sub>16</sub>	30A, 38A, 34A
WCC060F	64 <sup>5</sup> / <sub>16</sub>	45	33 <sup>3</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>16</sub>	15 <sup>1</sup> / <sub>16</sub>	4 <sup>15</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	21 <sup>15</sup> / <sub>16</sub>	24 <sup>3</sup> / <sub>4</sub>	29	20	14	3 <sup>1</sup> / <sub>2</sub>	8 <sup>5</sup> / <sub>16</sub>	30A, 38A, 34A

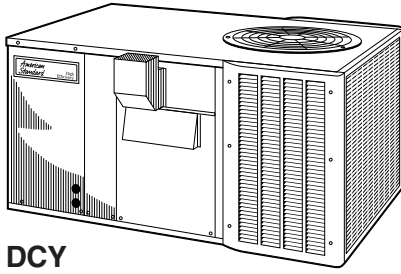
Note: WCC-F models currently manufactured with sloped drain pans.

**For information on Roof Curbs and Roof Curb Adaptors, please refer to the Accessories/Information Tab.**



# American Standard

## Package Dual Fuel Heat Pump with Auxiliary Gas Heat



DCY

- **Duration™** high efficiency compressor
- Shipped for horizontal application, easily convertible to downflow
- Heavy gauge steel cabinet with weather resistant, powder paint
- Attractive coil guard and trim ring
- Direct spark (3-try) ignition
- Aluminized steel tubular heat exchanger
- Optional filter rack fits inside unit
- Ball-bearing induced draft combustion blower
- Copper tube, aluminum plate fin coils
- Restricted or non-restricted operating mode
- Low profile horizontal duct take-offs
- One screw convertible to downflow
- Built-in downflow duct flanges
- Single curb fits all models
- Aluminized multi-port-in-shot burner
- Dual firing 20 and 25 MBTUH heat exchangers (optional)
- Top discharge condenser fan
- **Comfort-R™** enhanced performance on DCY060F models (1Ø and 3Ø) only
- Demand defrost
- Water shed base pan
- Liquid line filter-drier
- High efficiency outdoor fan motor with polarized plug
- 2-speed (high for cooling, low for heating) direct-drive blower motor
- Internal compressor protection
- Protected pressure taps for refrigerant checks
- Standard operations to 55°F as manufactured
- Low ambient cooling to 0°F with accessories BAYLOAM011A

Table PH-16-A — DCY – Convertible Dual Fuel Heat Pumps

Unit Model No.	Cooling Capacity (Btuh)	Gas Heating Capacity Output (Btuh)Ⓛ	SEER/EER	AFUE %	HSPF	Cabinet Dimensions (in.) H x W x L	Supply/Return	Supply/Return	Shipping Weight (lbs.)	MCA*	Max. Fuse*	Sound Rating	Comp.
							Downflow W x L	Horizontal H x W					
<b>DCY – 208-230/1/60</b>													
DCY024F1LOB	25,800	32 or 38	12.80/11.50	78	7.60	29 x 36 x 64 (C)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	446	17.1	25	80	R1
DCY030F1M0B	30,400	45 or 57	12.20/11.00	78	7.60	29 x 36 x 64 (C)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	471	20.4	30	80	R2
DCY036F1H0B	38,000	64 or 80	12.30/10.90	80	7.60	29 x 36 x 64 (C)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	486	25.9	40	80	R2
DCY048F1H0B	48,000	80 or 98	12.00/10.60	80	7.60	33 x 45 x 65 (D)	20 x 14	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	628	37.2	55	84	R2
DCY060F1M0A	58,500	80 or 98	12.00/10.70	80	8.20	33 x 45 x 65 (D)	20 x 14	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	628	45.4	70	84	R2
<b>DCY – 208-230/3/60</b>													
DCY036F3H0B	38,000	64 or 80	12.00/10.90	80	7.60	29 x 36 x 64 (C)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	486	17.9	25	80	R2
DCY048F3H0B	49,000	80 or 98	12.00/10.60	80	7.60	33 x 45 x 65 (D)	20 x 14	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	628	27.8	40	84	R2
DCY060F3M0A	58,500	80 or 98	12.00/10.70	80	8.20	33 x 45 x 65 (D)	20 x 14	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	628	30.1	45	84	R2
<b>DCY – 460/3/60</b>													
DCY036F4H0B	38,000	64 or 80	12.00/10.90	80	7.60	29 x 36 x 64 (C)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	486	9.7	15	80	R2
DCY048F4H0B	49,000	80 or 98	12.00/10.60	80	7.60	33 x 45 x 65 (D)	20 x 14	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	628	12.7	15	84	R2
DCY060F4M0A	58,500	80 or 98	12.00/10.70	80	8.21	33 x 45 x 65 (D)	20 x 14	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	628	21.1	30	84	R2

Table PH-16-B — Accessories

Model No.	Description	Used With
BAYECMT002A	Extreme Conditions Mounting Kit (Curb Mount)	All DCY Models
BAYECMT003A	Extreme Conditions Mounting Kit (Slab or Rack Mount)	All DCY Models
BAYLPKT022A	LP Conversion Kit	All DCY Models
BAYLPSS001A	LP Conversion Kit w/stainless burners	All DCY Models

Additional Accessories are listed on page PH-19.

Ⓛ Unit ships standard in high heat configuration. Low-fire operation requires optional BAYLOFR001-007 kit.

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

Compressor Types are: R1 = Reciprocating One Cylinder, R2 = Reciprocating Two Cylinder, S = Scroll

**For information on Roof Curbs and Roof Curb Adaptors, please refer to the Accessories/Information Tab.**



# Packaged Heat Pump Convertible 1½ through 5 Tons

Table PH-17-A — Features

	DCY 2-5 Ton	WCZ 3-5 Ton	WCY-G 2-5 Ton	WCX-G 2-5 Ton	WCP-F 3-5 Ton	WCC-F 1½-5 Ton
• Coil Sav'R™ coil guard .....	✓	✓	✓	✓	—	—
• Comfort "R"™ mode option .....	5	✓	✓	5	5	—
• Duration™ Compressor (2) .....	—	✓	—	—	—	—
• Duration™ Compressor (1) .....	✓	—	✓	✓	✓	✓
• DuraTuff™ Plate Fin coil .....	✓	✓	✓	✓	✓	✓
• Impack Plus™ feature set .....	—	✓	✓	✓	✓	—
• Crankcase heater .....	✓	✓	✓	✓	✓	✓
• Deluxe Lexan nameplate .....	✓	✓	✓	✓	✓	✓
• Demand defrost control w/Lite Port/Stored diagnostics .....	✓	✓	✓	✓	✓	✓
• GE ECM variable speed fan w/potted motor module .....	5	✓	✓	5	5	—
• Horizontal convertible to downflow .....	✓	✓	✓	✓	✓	✓
• Polarized plugs .....	✓	✓	✓	✓	✓	✓
• Powder paint .....	✓	✓	✓	✓	✓	✓
• Time/temperature defrost .....	✓	✓	✓	✓	✓	✓
• Two-stage cooling .....	✓	✓	—	—	—	—
• Two-stage heating .....	✓	✓	—	—	—	—
• 5-year limited compressor only warranty (Commercial use) .....	✓	✓	✓	✓	✓	✓
• 5-year limited compressor and coil warranty (Residential use) .....	✓	✓	—	—	—	✓
• 5-year limited heat exchanger warranty (Commercial use) .....	✓	✓	—	—	—	—
• 5-year limited parts warranty (Residential use) .....	✓	✓	✓	✓	—	—
• 5-year limited parts warranty (Residential use) .....	✓	✓	✓	✓	—	✓
• 1-year limited coil and parts warranty (Commercial use) .....	✓	✓	✓	✓	✓	✓
• 10-year limited compressor and coil warranty (Residential use) .....	✓	✓	✓	✓	—	—
• 10-year limited compressor and outdoor coil warranty (Residential use) .....	✓	✓	✓	✓	—	—
• 20-year heat exchanger warranty (Residential use) .....	✓	—	—	—	—	—

Table PH-17-B — Comfort Controls

ACONT402A ..... 3 Heat/2 Cool (Heat Pump/AC) .....	✓	See Comfort Controls/ Zone Sensors Section	✓	✓	✓	✓
ACONT602A ..... 2 Heat/2 Cool (Heat Pump/AC) .....	✓		✓	✓	✓	✓
ACONT802A ..... 3 Heat/2 Cool (Heat Pump/AC) .....	✓		✓	✓	✓	✓
ACONT803A ..... 3 Heat/2 Cool (Heat Pump/AC) w/Humidity Control .....	✓		✓	✓	✓	✓
ASYSTAT500C ..... 7 Day Prog. 3-Stage Heat/2-Stage Cool .....	✓		✓	✓	✓	✓
ASYSTAT540 ..... 5/2 Prog. 2Htg./1Clg. ....	✓		✓	✓	✓	✓
ASYSTAT570 ..... Electronic 2Htg./1Clg. (Non Prog.) .....	✓		✓	✓	✓	✓
ASYSTAT575 ..... Electronic 3Htg./2Clg. (Non Prog.) .....	✓		✓	✓	✓	✓
ASYSTAT625A ..... Humidity Control .....	✓		✓	✓	✓	✓
ASYSTAT650 ..... Auto. Changeover .....	✓		✓	✓	✓	✓
ASYSTAT653A ..... Auto 3 Stg. Htg/2 Stg. Clg. ....	✓		✓	✓	✓	✓
ASYSTAT655A ..... Man. Changeover 2 Htg/1 Clg .....	✓		✓	✓	✓	✓
BAY28X190 ..... Locking Thermostat Cover .....	✓		✓	✓	✓	✓
BAY41X171AⓄ ..... 5 or 7 Minute Delay Relay .....	✓		✓	✓	✓	✓
BAYASCT001AⓄ ..... Anti-short cycle timer .....	✓		✓	✓	✓	✓
BAYSTAT033A ..... Outdoor Thermostat .....	✓		✓	✓	✓	✓
TAYSENS200A ..... Outdoor Temp. Sensor (without case) .....	✓		✓	✓	✓	✓

Ⓞ Not for use with programmable thermostats.

**For information on Roof Curbs and Roof Curb Adaptors,  
please refer to the Accessories/Information Tab.**



# Package Heat Pump Convertible 1½ through 5 Tons

**Table PH-18-A — Supplementary Heaters – Single Point Entry Kit/Heater Matrix**

Model No.	Used With Single Description	Used With Power Entry Kit <sup>①②</sup>	Packaged Heat Pump Unit
BAYHTRN105A ...	3.74/4.98 kW Heater (208/240V 1PH) .....	BAYSPEK047A .....	WCC018-042F1, WCY024-042G1, WCX024-042G1, WCZ036F1
BAYHTRN108A ...	5.76/7.68 kW Heater (208/240V 1PH) .....	BAYSPEK047A .....	WCC018-024F1, WCY/WCX024G1
		BAYSPEK049A .....	WCC030-042F1, WCY030-042G1, WCX030-042G1, WCZ036F1
BAYHTRN110A ...	7.47/9.96 kW Heater (208/240V 1PH) .....	BAYSPEK049A .....	WCC024-048F1, WCY024-048G1, WCX024-048G1, WCZ036F1
		BAYSPEK053A .....	WCC/WCZ060F1, WCY060G1, WCX060G1
BAYHTRN112A ...	8.65/11.52 kW Heater (208/240V 1PH) .....	BAYSPEK049A .....	WCC024-048F1, WCY024-048G1, WCX024-048G1, WCZ036F1
		BAYSPEK053A .....	WCC/WCZ060F1, WCY060G1, WCX060G1
BAYHTRN115A ...	11.21/14.94 kW Heater (208/240V 1PH) .....	BAYSPEK048A .....	WCC030-048F1, WCY030-048G1, WCX030-048G1, WCZ036F1
		BAYSPEK052A .....	WCC/WCZ060F1, WCY060G1, WCX060G1
BAYHTRN117A ...	12.98/17.28 kW Heater (208/240V 1PH) .....	BAYSPEK048A .....	WCC030-048F1, WCY030-048G1, WCX030-048G1, WCZ036F1
		BAYSPEK052A .....	WCC/WCZ060F1, WCY060G1, WCX060G1
BAYHTRN123A ...	17.2/23.04 kW Heater (208/240V 1PH) .....	BAYSPEK048A .....	WCC048F1, WCY048G1, WCX048G1
		BAYSPEK052A .....	WCC/WCZ060F1, WCY/WCX060G1
BAYHTRN306A ...	4.89/6.25 kW Heater (208/240V 3PH) .....	BAYSPEK047A .....	WCC/WCZ036-060F3, WCX036-060G3
BAYHTRN310A ...	7.45/9.96 kW Heater (208/240V 3PH) .....	BAYSPEK047A .....	WCC/WCZ036F3, WCP036 - 060F3, WCX036G3
		BAYSPEK051A .....	WCZ060F3
BAYHTRN310F ...	7.45/9.96 kW Heater (208/240V 3PH) .....	BAYSPEK051A .....	WCZ060F3, WCX/WCY036-060G3, WCP036-060F3
		BAYSPEK047 .....	WCZ036F3
BAYHTRN315A ...	11.25/14.90 kW Heater (208/240V 3PH) .....	BAYSPEK051A .....	WCC/WCZ036-060F3, WCX036-060G3, WCP036-060F3
BAYHTRN320A ...	14.96/19.92 kW Heater (208/240V 3PH) .....	BAYSPEK051A .....	WCC042-060F3, WCX042-060G3, WCZ060F3, WCP042-060F3
BAYHTRN330A ...	22.41/29.80 kW Heater (208/240V 3PH) .....	BAYSPEK050A .....	WCC/WCZ060F3, WCX060G3, WCP060F3
BAYHTRN406A ...	6kW Heater (480V 3PH) .....	BAYSPEK047A .....	WCC/WCP036-060F4, WCX036-060G4
BAYHTRN410A ...	9.96 kW Heater (480V 3PH) .....	BAYSPEK047A .....	WCC036-060F4, WCP036-060F4, WCX036-060G4
BAYHTRN410F ...	9.96 kW Heater (460V 3PH) .....	BAYSPEK047A .....	WCP036-060F4, WCX036-060G4
BAYHTRN415A ...	14.90 kW Heater (480V 3PH) .....	BAYSPEK047A .....	WCC036-060F4, WCP036-060F4, WCX036-060G4
BAYHTRN420A ...	19.92 kW Heater (480V 3PH) .....	BAYSPEK047A .....	WCC048-060F4, WCP048-060F4, WCX048-060G4
BAYHTRN430A ...	29.80 kW Heater (480V 3PH) .....	BAYSPEK047A .....	WCC060F4, WCP060F4, WCX060G4

① All necessary fuses are included in kit.  
 ② Relay required with economizer on WCZ-F models.

**For information on Roof Curbs and Roof Curb Adaptors,  
please refer to the Accessories/Information Tab.**



# Packaged Heat Pump Convertible 1½ through 5 Tons

**Table PH-19-A — Accessories**

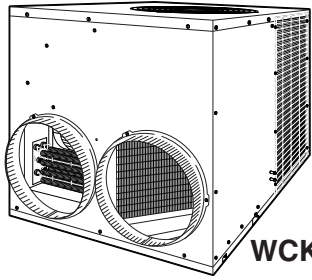
	DCY 2-5	WCZ 3-5	WCY-G 2-5	WCX 2-5	WCP 3-5	WCC 1½-5
BAY24X045 ..... Indoor Fan Delay Kit .....	—	—	—	2-5	3-5	1½-5
BAYASCT001 <sup>Ⓢ</sup> Anti-Short Cycle Timer .....	2-5	3-5	2-5	2-5	3-5	1½-5
BAYCURB030A ... Roof Curb (Flat Roof) <sup>Ⓢ</sup> (14 H x 34 W x 53⅞ L) .....	2-5	3-5	2-4	2-5	3-5	1½-5
BAYCURB033A ... Roof Curb (Flat Roof) <sup>Ⓢ</sup> Acousti-Curb (14 H x 34 W x 60⅞ L) .....	2-3	3	3	3½	3½	—
BAYCURB034A ... Roof Curb (Flat Roof) <sup>Ⓢ</sup> Acousti-Curb (14 H x 43 W x 62⅞ L) .....	4-5	5	4-5	4-5	4-5	4-5
BAYCURB038A ... Roof Curb (Flat Roof) <sup>Ⓢ</sup> Acousti-Curb (14 H x 34 W x 53⅞ L) .....	2-5	3-5	2-4	2-5	3-5	1½-5
BAYDMPR040A .. 0-25% Manual Fresh Air Damper (Downflow Only) <sup>Ⓢ</sup> .....	2-3	3	2-3½	2-3½	3	1½-3½
BAYDMPR041A .. 0-25% Manual Fresh Air Damper (Downflow Only) <sup>Ⓢ</sup> .....	4-5	5	4-5	4-5	4-5	4-5
BAYDMPR050A .. Motorized Fresh Air Damper .....	4-5	—	4-5	4-5	4-5	4-5
BAYDUCT004A ... 12" Round Duct Adapters (2 per Box) .....	2-3	3	2-3½	2-3½	3	1½-3½
BAYDUCT005A ... 14" Round Duct Adapters (1 per Box) .....	2-3	3	2-3½	2-3½	3	1½-3½
BAYECMT002A ... Extreme Conditions Mounting Kit (Curb Mount) .....	2-5	3-5	2-5	2-5	3-5	1½-5
BAYECMT003A ... Extreme Conditions Mounting Kit (Slab or Rack Mount) .....	2-5	3-5	2-5	2-5	3-5	1½-5
BAYECON054B ... 0-100% Mod. Downflow Economizer with Bar Relief <sup>Ⓢ</sup> <sup>Ⓢ</sup> <sup>Ⓢ</sup> .....	2-3	3	2-3½	2-3½	3	1½-3½
BAYECON055B ... 0-100% Mod. Downflow Economizer with Bar Relief <sup>Ⓢ</sup> <sup>Ⓢ</sup> <sup>Ⓢ</sup> .....	4-5	5	4-5	4-5	4-5	4-5
BAYECON073A ... 0-100% Mod. Horizontal Economizer <sup>Ⓢ</sup> <sup>Ⓢ</sup> <sup>Ⓢ</sup> .....	2-5	3-5	2-5	2-5	3-5	1½-5
BAYENTH001A ... Enthalpy Control (Solid State) <sup>Ⓢ</sup> .....	2-5	3-5	2-5	3-5	3-5	1½-5
BAYFLTR012A .... Filter Frame <sup>Ⓢ</sup> (20 x 25 x 1" filter not included) .....	—	—	2-2½	2-2½	—	2½-3½
BAYFLTR013A .... Filter Frame <sup>Ⓢ</sup> (20 x 25 x 1" filter not included) .....	2-3	3	3-3½	3-3½	3	—
BAYFLTR014A .... Filter Frame <sup>Ⓢ</sup> (3-10 x 25 x 1" filter not included) .....	4-5	5	4-5	4-5	4-5	4-5
BAYFLTR015A .... Filter Frame <sup>Ⓢ</sup> (20 x 20 x 1" filter not included) .....	—	—	—	—	—	1½-2
BAYFLTR017A .... Filter Frame <sup>Ⓢ</sup> (1-20 x 25 x 2" filter not included) .....	—	—	2-2½	2-2½	—	2½-3½
BAYFLTR018A .... Filter Frame <sup>Ⓢ</sup> (1-20 x 25 x 2" filter not included) .....	2-3	3	3-3½	3-3½	3	—
BAYFLTR019A .... Filter Frame <sup>Ⓢ</sup> (2-16 x 25 x 2" filter not included) .....	4-5	5	4	4-5	4-5	4-5
BAYGARD016A ... Condenser Coil Guard .....	—	—	—	—	—	1½-2
BAYGARD017A ... Condenser Coil Guard .....	—	—	—	—	—	2½-3
BAYGARD019A ... Condenser Coil Guard .....	—	—	—	—	—	3½
BAYGARD022A ... Condenser Coil Guard .....	—	—	—	—	—	4-5
BAYHSMT043A ... High Static Motor (230/460) 3/4HP .....	2½-3	—	—	2½-3½	2½-3	2½-3½
BAYHSMT044A ... High Static Motor (230/460) 1HP .....	4	—	—	4	4	4-5
BAYHSMT045A ... High Static Motor (208) 1HP .....	4	—	—	4	4	4-5
BAYHSMT056A ... High Static Motor (208) 3/4HP .....	2½-3	—	—	2½-3½	3	2½-3½
BAYINDK001A* ... Insulated Deck Pan for A & B Cabinet .....	—	—	2-2½	2-2½	—	1½-3
BAYINDK002A** ... Insulated Deck Pan for C Cabinet .....	2-3	3	3-3½	3-3½	3	—
BAYINDK003A*** ... Insulated Deck Pan for D Cabinet .....	4-5	5	4-5	4-5	4-5	4-5
BAYKSKT010A .... Quick Start Kit (Single Phase Units Only) .....	—	—	—	—	—	1½-5
BAYLIFT002B ..... Lifting Lug Kit .....	2-5	3-5	2-5	2-5	3-5	1½-5
BAYLOAM011A ... Evaporator Defrost Control Kit .....	2-5	3-5	2-5	2-5	3-5	1½-5
BAYLOAM323A ... Dual Voltage Electronic Head Pressure Control <sup>Ⓢ</sup> (use w/BAYRLAY005) .....	2-5	—	2-5	2-5	3-5	1½-5
BAYLOFR001 ..... Low Fire Kit .....	2	—	—	—	—	—
BAYLOFR004 ..... Low Fire Kit .....	2½-3	—	—	—	—	—
BAYLOFR005 ..... Low Fire Kit .....	3	—	—	—	—	—
BAYLOFR007 ..... Low Fire Kit .....	4-5	—	—	—	—	—
BAYLPKT022A .... LP Conversion Kit .....	2-5	—	—	—	—	—
BAYLPSS001A .... LP Conversion Kit with SS Burners .....	2-5	—	—	—	—	—
BAYMOTR307A ... 200-230V 1/2HP OD Fan Motor (use w/BAYLOAM323A&BAYRLAY005) .....	2-5	—	2-5	2-5	3-5	1½-5
BAYMOTR406A ... 460V 1/2HP Outdoor Fan Motor (use w/BAYLOAM323A&BAYRLAY005) .....	3-5	—	—	3-5	3-5	3-5
BAYOSAC001A ... Outside Air Controller .....	—	3-5	—	—	—	—
BAYRLAY002 ..... Time Delay Relay .....	—	—	2-5	2-5	2-5	—
BAYRLAY004A .... Economizer Relay Kit <sup>Ⓢ</sup> .....	2-5	3-5	2-5	2-5	3-5	1½-5
BAYRLAY005A <sup>Ⓢ</sup> . Relay Required with BAYLOAM323A <sup>Ⓢ</sup> .....	2-5	—	2-5	2-5	3-5	1½-5
BAYSTAT023 ..... Remote Potentiometer for All Economizers .....	2-5	3-5	2-5	2-5	3-5	1½-5
BAYUTIL030A ..... Roof Curb Utility Extension Kit for BAYCURB030, 038A .....	—	—	—	—	—	1½-5
BAYUTIL034A ..... Roof Curb Utility Extension Kit for BAYCURB034A .....	—	—	—	—	—	4-5

<sup>Ⓢ</sup> BAYRLAY004A required with economizer.  
<sup>Ⓢ</sup> Must use filter frame when economizer/fresh air kit is used.  
<sup>Ⓢ</sup> Ships knocked down.  
<sup>Ⓢ</sup> Dry bulb control standard with economizer.  
<sup>Ⓢ</sup> 2-Stage thermostat provides additional energy savings if simultaneous economizer and compressor operation is expected.  
<sup>Ⓢ</sup> Do not use with programmable thermostats.  
<sup>Ⓢ</sup> May require motor change. (See Installers Guide.)  
<sup>Ⓢ</sup> Activated on Power On.  
 \* Currently Shipped with BAYCURB038A.  
 \*\* Currently Shipped with BAYCURB033A.  
 \*\*\* Currently Shipped with BAYCURB034A.

**For information on Roof Curbs and Roof Curb Adaptors, please refer to the Accessories/Information Tab.**

# American Standard

## Package Heat Pump 2 through 3½ Tons



- **Duration™** compressor
- Compressor motor overload protection
- Internal pressure relief valve
- Demand Defrost Control w/Lite Port/Stored Diagnostics
- Copper tube, aluminum plate fin coils
- Static (0.5") ESP Indoor Blower System with two-speed blower motor
- Shaft-Down OD fan system for quiet operation (good neighbor)
- Sloped composite drain pan
- Waterproof closed-cell foam evaporator base insulation
- Heavy gauge steel cabinet
- Weather resistant Powder Paint
- Double powder painted G90 base pan with dimpled feet
- Wrap-around vinyl-coated wire coil guards
- U.L. listed
- 5-year limited warranty on compressor and 5-year on all other parts (Residential use)
- **Optional extended warranties**

**Table PC-20-A — Cooling w/5/10-15 kW Electric Heat - Single Phase (208/230/1/60)**

Tons	Unit Model No.	SEER/EER	Cooling Capacity (Btuh)	Dimensions (in.) H x W x L	Round Supply Opening	Round Return Opening	Shipping Weight (lbs.)	Sound Rating	Compressor
2	WCK024A100A	12.50/11.00	25,000	31 x 32 x 44 (**)	14"	14"	348	73	R1
2½	WCK030A100A	12.30/10.75	30,500	31 x 32 x 44 (**)	14"	14"	350	73	S
3	WCK036A100A	12.75/10.70	36,000	31 x 32 x 44 (**)	14"	14"	370	73	S
3½	WCK042A100A	12.00/10.50	42,000	31 x 32 x 44 (**)	14"	14"	372	73	S

**Table PC-20-B — Electric Heater Data**

Unit Model	Electric Heater Model	USING SINGLE SUPPLY CIRCUIT					HEATER ONLY SUPPLY CIRCUIT		
		Rated Voltage	Heater Kw 208/240	WCK HEAT PUMP			MCA (7)	Max. Fuse or HQCR CKT BKR Size (4)	Canda Only Max. CKT BKR Size (5)
MCA (2)	Max. Fuse or HQCR CKT BKR Size (4)			Canda Only Max. CKT BKR Size (5)					
WCK024A1 (6)	NONE**	208/240	NONE**	17/17(3)	25/25	30/30	NONE	NONE	NONE
	BAYHTRK105A	208/240	3.74/4.98	40/43(3)	45/45	50/50	23/26	25/30	25/30
	BAYHTRK111A	208/240	7.47/9.96	62/70(3)	70/70	70/70	45/53	45/60	50/60
WCK030A1 (6)	NONE**	208/240	NONE**	21/21(3)	30/30	30/30	NONE	NONE	NONE
	BAYHTRK105A	208/240	3.74/4.98	44/47(3)	50/50	50/50	23/26	25/30	25/30
	BAYHTRK110A	208/240	7.47/9.96	66/73(3)	70/80	70/100	45/53	45/60	50/60
WCK036A1 (6)	NONE**	208/240	NONE**	25/25(3)	40/40	40/40	NONE	NONE	NONE
	BAYHTRK105A	208/240	3.74/4.98	48/51(3)	50/60	50/60	23/26	25/30	25/30
	BAYHTRK110A	208/240	7.47/9.96	70/77(3)	70/80	70/100	45/53	45/60	50/60
	BAYHTRK115A	208/240	11.18/14.94	93/103(3)	100/110	100/110	58/78	70/80	70/100
WCK042A1 (6)	NONE**	208/240	NONE**	28/28(3)	45/45	45/45	NONE	NONE	NONE
	BAYHTRK105A	208/240	3.74/4.98	51/54(3)	60/60	60/60	23/26	25/30	25/30
	BAYHTRK110A	208/240	7.47/9.96	73/80(3)	80/80	100/100	45/53	45/60	50/60
	BAYHTRK115A	208/240	11.18/14.94	96/106(3)	100/110	100/125	68/78	70/80	70/100

\*\* Unit electrical information with no electric heat installed.  
 1. Any power supply and circuits must be wired and protected in accordance with local electrical codes.  
 2. The MCA values listed are for electric heater and heat pump unit.

3. Field wire must be rated at least 75°C.  
 4. The HACR circuit breaker is for U.S.A. installations only.  
 5. For Canada installation reference only.  
 6. **BAYHTR111A only approved for WCK024A1.**  
 7. The MCA values listed are for electric heater only.

**Table PH-20-C — Accessories/Comfort Controls**

Model No.	Description	Used With
ACONT402A	3 Heat/2 Cool (Heat Pump/AC)	All WCK Models
ACONT602A	2 Heat/2 Cool (Heat Pump/AC)	All WCK Models
ACONT802A	3 Heat/2 Cool (Heat Pump/AC)	All WCK Models
ACONT803A	3 Heat/2 Cool (Heat Pump/AC) w/Humidity Control	All WCK Models
ASYSTAT540	Prog. 5/2 Day, Manual 2Htg/1Clg	All Models
ASYSTAT570	Electronic, 2 Heat/1 Cool (Non Prog)	All Models
ASYSTAT575	Electronic, 3 Heat/2 Cool (Non Prog)	All Models
ASYSTAT600	Heat/Cool (Horizontal) Therm.	All Heat Pump Models
ASYSTAT650	2 Stage Heat/ 1 Cool	All Heat Pump Models
ASYSTAT655	2 Stage Heat/ 1 Cool	All Heat Pump Models
BAYECMT002A	Extreme Conditions Mounting Kit (Curb Mount)	All WCK Models
BAYECMT003A	Extreme Conditions Mounting Kit (Slab or Rack Mount)	All WCK Models
BAYCOVR100A	Wallcover Plate	TAYSTAT371
TAYSENS200A	Outdoor Temperature Sensor (without case)	TAYSTAT300

A/M = Automatic or Manual Changeover  
 ① Requires subbase.  
 ② Requires BAY24X042 relay when used with electric heaters.  
 ③ Specially designed for electric heater application (instant on fan).

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

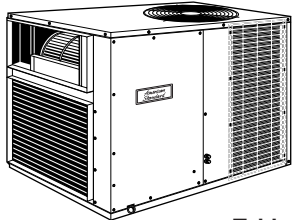
**For information on Roof Curbs and Roof Curb Adaptors, please refer to the Accessories/Information Tab.**

**WCK models will be upgraded in the 1st Quarter of 2006.**



# American Standard

## Package Heat Pump Over/Under 2 through 5 Tons



WCH

- Duration™ compressor
- Over(Supply)/Under (Return) air configuration
- Electric heat accessory fits inside unit casing for lower installation cost
- Electronic time/temperature defrost control system
- Demand Defrost Control w/Lite Port/stored diagnostics
- Powder paint
- Top discharge – quieter operation
- 5-year limited compressor warranty
- 5-year limited coil and parts warranty
- Variable speed direct drive blower motor on WCH048-060F models

Table PH-21-A — WCH – Over/Under Horizontal Unit

Unit Model No.	Power Supply Volts/Phase/Hz	SEER/EER	HSPF	Nom. Cap. Cooling (Btuh)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	MCA*	Max Fuse*	Sound Rating	Comp.
<b>Single Phase</b>										
WCH024B100C	208-230/1/60	12.40/10.80	8.0	24,500	30 <sup>3</sup> / <sub>8</sub> x 31 <sup>5</sup> / <sub>8</sub> x 44	324	17.2	25	79	R1
WCH030B100C	208-230/1/60	12.05/10.80	7.7	30,500	30 <sup>3</sup> / <sub>8</sub> x 31 <sup>5</sup> / <sub>8</sub> x 44	343	19.3	30	79	R2
WCH036B100C	208-230/1/60	12.05/10.50	8.0	36,400	30 <sup>3</sup> / <sub>8</sub> x 31 <sup>5</sup> / <sub>8</sub> x 44	378	25.1	40	79	R2
WCH042B100C	208-230/1/60	12.05/10.70	8.0	40,500	30 <sup>3</sup> / <sub>8</sub> x 31 <sup>5</sup> / <sub>8</sub> x 44	378	25.1	40	79	R2
WCH048F100A	208-230/1/60	13.50/12.00	8.0	49,000	33 <sup>1</sup> / <sub>8</sub> x 45 x 58	447	37	50	84	S
WCH060F100A	208-230/1/60	13.00/11.30	8.2	60,000	33 <sup>1</sup> / <sub>8</sub> x 45 x 58	457	47	60	84	S
<b>Tons    Supply H x W    Return H x W</b>										
2 – 3 <sup>1</sup> / <sub>2</sub>	8 <sup>3</sup> / <sub>8</sub> x 27 <sup>3</sup> / <sub>8</sub>	16 <sup>3</sup> / <sub>4</sub> x 27 <sup>3</sup> / <sub>8</sub>								
4 – 5	8 <sup>1</sup> / <sub>2</sub> x 32 <sup>1</sup> / <sub>32</sub>	19 <sup>15</sup> / <sub>16</sub> x 32 <sup>1</sup> / <sub>32</sub>								

Table PH-21-B — WCH – Over/Under Horizontal Unit

Unit Model No.	Power Supply Volts/Phase/Hz	SEER/EER	HSPF	Nom. Cap. Cooling (Btuh)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	MCA*	Max Fuse*	Sound Rating	Comp.
<b>Three Phase</b>										
WCH036B300C	208-230/3/60	12.05/10.50	7.4	36,000	30 <sup>3</sup> / <sub>8</sub> x 31 <sup>5</sup> / <sub>8</sub> x 44	378	17.8	25	82	R2
WCH042B300C	208-230/3/60	12.05/10.70	7.5	41,000	30 <sup>3</sup> / <sub>8</sub> x 31 <sup>5</sup> / <sub>8</sub> x 44	378	19.4	30	82	R2
WCH036B400C	460/3/60	12.05/10.50	7.4	36,000	30 <sup>3</sup> / <sub>8</sub> x 31 <sup>5</sup> / <sub>8</sub> x 44	378	9.7	15	82	R2
WCH042B400C	460/3/60	12.05/10.70	7.5	41,000	30 <sup>3</sup> / <sub>8</sub> x 31 <sup>5</sup> / <sub>8</sub> x 44	378	10.7	15	82	R2

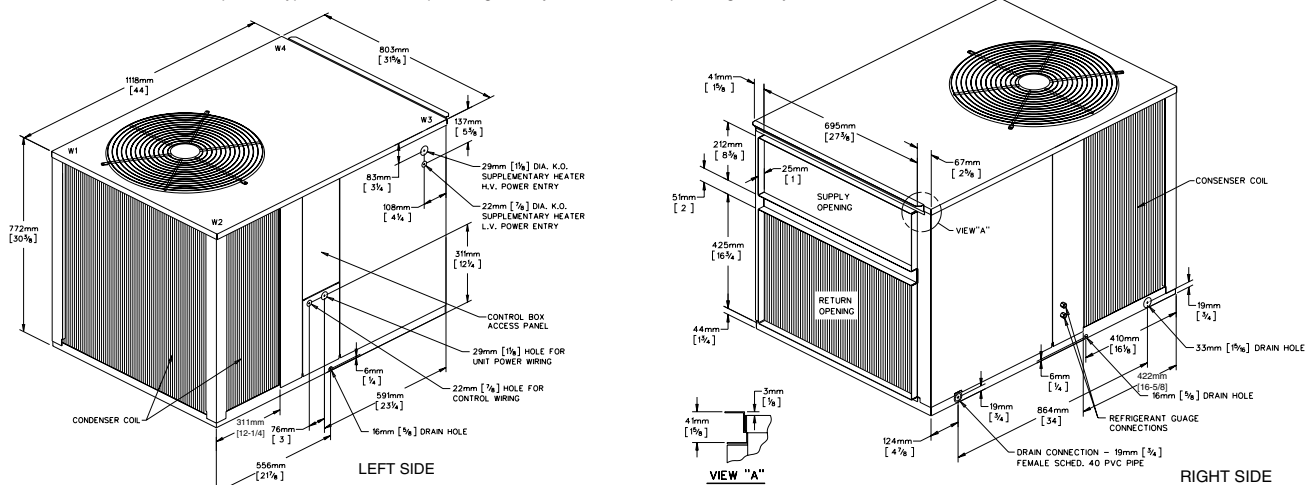
Tons	Supply H x W	Return H x W
3 – 3 <sup>1</sup> / <sub>2</sub>	8 <sup>3</sup> / <sub>8</sub> x 27 <sup>3</sup> / <sub>8</sub>	16 <sup>3</sup> / <sub>4</sub> x 27 <sup>3</sup> / <sub>8</sub>

**WCH models will be upgraded in the 1st Quarter of 2006.**

Dimensions are in inches. See Outline Dimensions.

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

Compressor Types are: R1 = Reciprocating One Cylinder, R2 = Reciprocating Two Cylinder, S = Scroll



**For information on Roof Curbs and Roof Curb Adaptors, please refer to the Accessories/Information Tab.**



# Packaged Heat Pump Over/Under 2 through 5 Tons

**Table PH-22-A— Supplementary Heaters – Heater Matrix**

Model No.	Power Supply	kW Ratings	Used With
BAYHTRC106A	208/240/1/60	4.33/5.76 kW	WCH024-042B100C,048F,060F100A
BAYHTRC108A	208/240/1/60	6.12/8.16 kW	WCH024-042B100C
BATHTRC110A	208/240/1/60	7.93/10.56 kW	WCH048F100 only
BAYHTRC111A	208/240/1/60	7.98/10.56 kW	WCH024-042B100C,060F100A
BAYHTRC112A	208/240/1/60	8.65/11.52 kW	WCH024-042B100C
BAYHTRC117A	208/240/1/60	12.98/17.28 kW	WCH030-042B100C,048-060F100A

Model No.	Power Supply	kW Ratings	Nominal BTUH	No. of Stages	Used With
BAYHTRC306A	208/240/3/60	4.33/5.76	14,800/19,700	1	WCH036-042B300C
BAYHTRC312A	208/240/3/60	8.65/11.52	29,500/39,300	1	WCH036-042B300C
BAYHTRC317A	208/240/3/60	12.98/17.28	44,300/59,000	1	WCH036-042B300C
BAYHTRC406A	480/3/60	5.76	19,700	1	WCH036-042B400C
BAYHTRC412A	480/3/60	11.52	39,300	1	WCH036-042B400C
BAYHTRC417A	480/3/60	17.28	59,000	1	WCH036-042B400C

**Table PH-22-B — Accessories/Comfort Controls**

Model No.	Description	Used With
ACONT402A	3 Heat/2 Cool (Heat Pump/AC)	All WCH Models
ACONT602A	2 Heat/2 Cool (Heat Pump/AC)	All WCH Models
ACONT802A	3 Heat/2 Cool (Heat Pump/AC)	All WCH Models
ACONT803A	3 Heat/2 Cool (Heat Pump/AC) w/Humidity Control	All WCH Models
ASYSTAT500C	Prog. Electronic Setback	All WCH Models
ASYSTAT540	5/2 Prog. 2Htg./1Clg.	All WCH Models
ASYSTAT570	Electronic, 2Htg./1Clg. (Non Prog.)	All WCH Models
ASYSTAT575	Electronic, 3Htg./2Clg. (Non Prog.)	All WCH Models
ASYSTAT650	Auto. Changeover	All WCH Models
ASYSTAT653A	Man. Changeover 3Htg./2Clg.	All WCH Models
ASYSTAT655A	Man. Changeover 2Htg./1 Clg.	All WCH Models
ASYSTAT705B	Programmable (Used with BAYBASE)	
BAY41X171A	5 or 7 Minute Delay Relay	All WCH Models
BAYASCT001	Anti-Short Cycle Timer	All WCH Models
BAYBASE007A	3-Heat/2-Cool Heat Pump	ASYSTAT705A
BAYECMT002A	Extreme Conditions Mounting Kit (Curb Mount)	All WCH Models
BAYECMT003A	Extreme Conditions Mounting Kit (Slab or Rack Mount)	All WCH Models
BAYLOAM011A	Low Ambient Cooling Kit	All WCH Models
TAYSENS200A	Outdoor Temp. Sensor (without case)	ASYSTAT500C,575

Ⓞ Not for use with programmable thermostats.

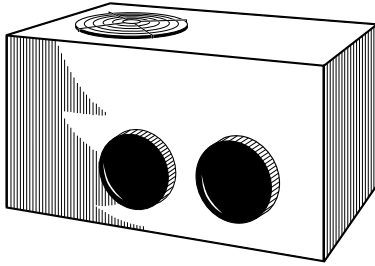
**For information on Roof Curbs and Roof Curb Adaptors,  
please refer to the Accessories/Information Tab.**



*American Standard*

## Package HP Manufactured Housing – 2½ through 3½ Tons

WCM



- Duration™ compressor
- High efficiency performance
- Two-speed evaporator blower motor
- Round duct connections for manufactured housing applications
- Quiet operating top condenser air discharge
- Copper tube/aluminum fin coils
- Totally enclosed, permanently lubricated condenser fan motor
- Hermetically sealed compressor with internal relief valve
- Fully charged R-22 system
- Sloped Drain Pan
- Liquid line filter-drier
- Heating expansion device/cooling FCCV
- Crankcase heater
- Protected pressure taps for refrigerant checks
- Heavy gauge steel cabinet with weather resistant, baked enamel finish
- Fully insulated air handling compartment
- Convenient access panels
- 5-year limited compressor and coil warranty (Residential)
- 5-year limited parts warranty (Residential)
- 5-year compressor only limited warranty (Commercial)
- 1-year limited parts warranty (Commercial)

**Table PH-23-A — Mobile Home Heat Pumps (208-230/1/60)**

Unit Model No.	SEER/EER	Cooling Capacity (Btuh)	Dimensions (in.) H x W x L	Round Supply Opening	Round Return Opening	Shipping Weight (lbs.)	MCA*	Max Fuse*	Sound Rating	Comp.
WCM030F100B	10.0/9.50	29,800	29 x 36 x 55 (B)	12	12	376	23.4	35	80	R1
WCM036F100B	10.0/9.50	36,000	29 x 36 x 55 (B)	12	12	406	26.0	40	80	R2
WCM042F100B	10.09.20	41,500	29 x 36 x 55 (B)	14	14	416	31.8	50	80	R2

**Table PH-23-B — Supplementary Heaters – Separate Power Source/Power Entry Required**

Model No.	Description	Used With
BAYHTRN105A	3.74/4.98 kW Heater (208/240 volts)	All WCM-F Models
BAYHTRN108A	5.76/7.68 kW Heater (208/240 volts)	All WCM-F Models
BAYHTRN110A	7.47/9.96 kW Heater (208/240 volts)	All WCM-F Models
BAYHTRN112A	8.65/11.52 kW Heater (208/240 volts)	All WCM-F Models
BAYHTRN115A	11.21/14.94 kW Heater (208/240 volts)	All WCM-F Models
BAYHTRN117A	12.98/17.28 kW Heater (208/240 volts)	All WCM-F Models

**Table PH-23-C — Accessories**

Model No.	Description	Used With
BAYECMT002A	Extreme Conditions Mounting Kit (Curb Mount)	All WCM Models
BAYECMT003A	Extreme Conditions Mounting Kit (Slab or Rack Mount)	All WCM Models
BAYFLTR012A	Filter Frame (20 x 25 x 1" filter not included)	All WCM-F Models
BAYGARD017A	Condenser Coil Guard	WCM030, 036F
BAYGARD019A	Condenser Coil Guard	WCM042F
BAYHSMT043A	High Static Motor	All WCM-F Models
BAYKSKT010A	Quick Start Kit	All WCM-F Models

**Table PH-23-D — Comfort Controls**

Model No.	Description	Used With
ACONT402A	3 Heat/2 Cool (Heat Pump/AC)	All WCM Models
ACONT602A	2 Heat/2 Cool (Heat Pump/AC)	All WCM Models
ACONT802A	3 Heat/2 Cool (Heat Pump/AC)	All WCM Models
ACONT803A	3 Heat/2 Cool (Heat Pump/AC) w/Humidity Control	All WCM Models
ASYSTAT650	Auto Changeover	All WCM Models
ASYSTAT655A	Manual Heat Pump	All WCM Models
ASYSTAT500C	Manual Programmable 3 Heating/2 Cooling	All WCM Models
BAYSTAT033A	Outdoor Thermostat	All WCM Models

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production. Compressor Types are: R1 = Reciprocating One Cylinder, R2 = Reciprocating Two Cylinder, S = Scroll

**For information on Roof Curbs and Roof Curb Adaptors, please refer to the Accessories/Information Tab.**

*American  
Standard*



**Featuring  
A New Look for a New Century**

Beveled Top  
Smoother Design  
Small compact cabinet  
Recessed access handles

## **Packaged Heat Pump Convertible 3 through 10 Tons**

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### **Standard Features:**

- American Standard built scroll compressors on all 4-10 ton units. 3 ton unit has a Reciprocating Compressor
- Microprocessor Controls (**See page PC-35 for ReliaTel™ Control Information**)
- Colored and numbered wiring
- Provisions for through the Base Condensate Drain Connections
- Patented Hybrid Condenser Coil for easy cleaning
- 1" throwaway filters provided on 3-5 ton units
- 2" throwaway filters provided on 6-10 ton units
- Liquid Line Refrigerant Drier
- Operating Charge of R-22
- IAQ Sloped Drain Pans
- Single point power for electric Heat
- Low Ambient cooling to 0°F
- 5 - year Limited Compressor Warranty
- 1 - year Limited Parts Warranty

### **Added Flexibility**

- Convertible airflow
- Fork lift openings on three sides of unit
- Direct or belt drive - standard or oversized motors (Direct for 3-5 ton only)
- We don't prepackage options
- Choose options tailored to suit each job —pay only for what is needed
- Units ship with options installed —and within our standard ship cycle time

### **Factory Installed Options**

- Through-the-Base — Electrical
- Convenience Outlet — Powered or unpowered
- Unit Disconnect Switch
- Smoke Detectors — Supply, return, or both
- Condenser Coil Coating
- Hinged Access Service Panels
- Discharge Air Sensor
- Fan Fail and Clogged Filter Switches
- Condenser Coil Guard — Hail Protection Quality
- Froststat
- 2" Pleated Filters
- Phase Monitor



# Packaged Heat Pump Convertible 3-10 Tons

Table PH-25-A — Base Unit — Standard Efficiency — ReliaTel™ Microprocessor Controls

Tons	Unit Ordering No.③	Performance② SEER/EER	Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA*	Max① Fuse*
<b>WSC – 208-230/1/60 – Single Phase – No Heat</b>									
3	WSC036E1R0A0000	13.0	37,650	32 x 44 x 70	18 x 15.5	24 x 14	589	31.2	45
4	WSC048E1R0A0000	13.0	49,040	32 x 44 x 70	18 x 15.5	24 x 14	600	38.9	60
5	WSC060E1R0A0000	13.0	58,360	41 x 53 x 89	33 x 17.5	32.13 x 17.5	825	44.6	70
<b>WSC – 208-230/3/60 – Three Phase – No Heat</b>									
3	WSC036A3R0A0000	10.2	38,100	32 x 44 x 70	18 x 15.5	24 x 14	534	19.1	30
4	WSC048A3R0A0000	10.7	50,800	32 x 44 x 70	18 x 15.5	24 x 14	566	24.4	35
5	WSC060A3R0A0000	10.1	62,100	32 x 44 x 70	18 x 15.5	24 x 14	584	32.6	50
3	WSC036E3R0A0000	13.0	38,030	32 x 44 x 70	18 x 15.5	24 x 14	589	23.8	35
4	WSC048E3R0A0000	13.0	50,130	32 x 44 x 70	18 x 15.5	24 x 14	600	27.5	40
5	WSC060E3R0A0000	13.0	63,440	41 x 53 x 89	33 x 17.5	32.13 x 17.5	825	30.2	45
6	WSC072A3R0A0000	10.6	72,000	41 x 53 x 89	33 x 17.5	32.13 x 17.5	915	32.2	50
7½	WSC090A3R0A0000	10.1	92,000	41 x 53 x 89	33 x 17.5	32.13 x 17.5	937	41.4	60
10	WSC120A3R0A0000	10.1	119,000	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1084	50.4	60
<b>WSC – 460/3/60 – Three Phase – No Heat</b>									
3	WSC036A4R0A0000	10.2	38,100	32 x 44 x 70	18 x 15.5	24 x 14	534	9.9	15
4	WSC048A4R0A0000	10.7	50,800	32 x 44 x 70	18 x 15.5	24 x 14	566	12.1	15
5	WSC060A4R0A0000	10.1	62,100	32 x 44 x 70	18 x 15.5	24 x 14	584	16.6	25
3	WSC036E4R0A0000	13.0	38,030	32 x 44 x 70	18 x 15.5	24 x 14	589	11.4	15
4	WSC048E4R0A0000	13.0	50,130	32 x 44 x 70	18 x 15.5	24 x 14	600	12.3	15
5	WSC060E4R0A0000	13.0	63,440	41 x 53 x 89	33 x 17.5	32.13 x 17.5	825	14.7	20
6	WSC072A4R0A0000	10.6	72,000	41 x 53 x 89	33 x 17.5	32.13 x 17.5	915	16.6	25
7½	WSC090A4R0A0000	10.1	92,000	41 x 53 x 89	33 x 17.5	32.13 x 17.5	937	21.9	35
10	WSC120A4R0A0000	10.1	119,000	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1084	26.4	35
<b>WSC – 575/3/60 – Three Phase – No Heat</b>									
3	WSC036AWR0A0000	10.2	38,100	32 x 44 x 70	18 x 15.5	24 x 14	534	8.3	15
4	WSC048AWR0A0000	10.7	50,800	32 x 44 x 70	18 x 15.5	24 x 14	566	10.1	15
5	WSC060AWR0A0000	10.1	62,100	32 x 44 x 70	18 x 15.5	24 x 14	584	13.1	20
3	WSC036EWR0A0000	13.0	38,030	32 x 44 x 70	18 x 15.5	24 x 14	589	8.8	15
4	WSC048EWR0A0000	13.0	50,130	32 x 44 x 70	18 x 15.5	24 x 14	600	9.5	15
5	WSC060EWR0A0000	13.0	63,440	41 x 53 x 89	33 x 17.5	32.13 x 17.5	825	11.0	15
6	WSC072AWR0A0000	10.6	72,000	41 x 53 x 89	33 x 17.5	32.13 x 17.5	915	12.5	15
7½	WSC090AWR0A0000	10.1	92,000	41 x 53 x 89	33 x 17.5	32.13 x 17.5	937	16.8	25
10	WSC120AWR0A0000	10.1	119,000	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1084	21.0	25

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

① HCAR breaker per NEC.

② SEER applies, 3-5 tons; EER applies 6-10 tons.

③ Digit 7 - A=R-22, E=410A.

## Packaged Heat Pump Convertible 3-10 Tons (Model Digit Numbers)

Digit	Description	Order Number	Digit	Description	Order Number
1-8	<b>Main Assembly (see previous page)</b>		19	<b>Disconnect/Circuit Breaker/Phase Monitor (3 phase only)</b>	
9	<b>Unit Controls</b>			No Disconnect /Circuit Breaker/No Phase Monitor	0
	Unit Controls -ReliaTel™ Micro-processor	R		Non-Fused Disconnect	1
10	<b>(See Heater Table below)</b>			Circuit Breaker	2
11	<b>Minor Design Sequence</b>			Phase Monitor	3
	First Sequence	A		Phase Monitor & Non-Fused Disconnect Switch	4
12-13	<b>Service Sequence</b>			Phase Monitor & Circuit Breaker	5
	First Sequence (Factory Assigned)	*,*	20	<b>Convenience Outlet</b>	
14	<b>Fresh Air Selection</b>			No Convenience Outlet	0
	No Fresh Air	0		Unpowered Convenience Outlet	A
	0-50% Manual Outside Air Damper	A		Powered Convenience Outlet (3 phase only)	B
	0-50% Motorized Outside Air Damper	B	21	<b>Communications Options</b>	
	0-100% Economizer, Dry Bulb without Barometric Relief	C		No Communications Interface	0
	0-100% Economizer, Dry Bulb with Barometric Relief	D		Comm 3/4 Communications Interface	1
	0-100% Economizer, Reference Enthalpy without Barometric Relief	E		LonTalk® Communications Interface	2
	0-100% Economizer, Reference Enthalpy with Barometric Relief	F	22	<b>Refrigeration System Option</b>	
	0-100% Economizer, Comparative Enthalpy without Barometric Relief	G		Standard Refrigeration System	0
	0-100% Economizer, Comparative Enthalpy with Barometric Relief	H	23	<b>Refrigeration Controls</b>	
15	<b>Supply Fan/Drive Type/Motor</b>			No Refrigeration Control	0
	Standard Drive	0		High Pressure Control	1
	Oversized Motor	1		Froststat	2
	Optional Belt Drive Motor (3 phase only)	2		Crankcase Heater	3
16	<b>Hinged Service Access &amp; Filters</b>			High Pressure Control and Froststat	4
	Standard Panels & Filters	0		High Pressure Control and Crankcase Heater	5
	Hinged Access Panels & Standard Filters	A		Froststat and Crankcase Heater	6
	Standard Panels & 2" Pleated Filters	B		High Pressure Control, Froststat and Crankcase Heater	7
	Hinged Access Panels & 2" Pleated Filters	C	24	<b>Smoke Detector</b>	
17	<b>Condenser Coil Protection</b>			No Smoke Detector	0
	Standard Coil	0		Return Air Smoke Detector	A
	Standard Coil with Hail Guard	1		Supply Air Smoke Detector	B
	Epoxy Coated Condenser Coil	2		Supply and Return Air Smoke Detectors	C
	Epoxy Coated Condenser Coil with Hail Guard	3	25	<b>Monitoring Controls</b>	
18	<b>Through the Base Provisions</b>			No Monitoring Control	0
	No Through the Base Provisions	0		Clogged Filter Switch	1
	Through the Base Electric	A		Fan Failure Switch	2
				Discharge Air Sensing Tube	3
				Clogged Filter Switch and Fan Fail Switch	4
				Clogged Filter Switch and Discharge Air Sensing Tube	5
				Air Sensing Tube	5
				Fan Fail Switch and Discharge Air Sensing Tube	6
				Clogged Filter and Fan Fail Switches and Discharge Air Sensing Tube	7

① Economizer with Barometric Relief is for downflow configured units only. Order Economizer without Barometric Relief for horizontal configuration. Barometric relief for horizontal configured units must be ordered as field installed accessory BAYBARM010A.  
 ② Requires use of Disconnect or Circuit Breaker.  
 ③ Standard refrigeration metering device - short orifice.  
 ④ Froststat cannot be field installed in electro-mechanical units.  
 ⑤ High Pressure control is standard on 3 phase units with scroll compressor and WSC036A.  
 ⑥ Not available with BAYFRST001A High Temperature Stat accessory.  
 ⑦ The return air smoke detector may not fit up or work properly on the Convertible units when used in

conjunction with 3rd party accessories such as bolt on heat wheels, economizers and power exhaust. Do not order the return air smoke detectors when using this type of accessory.  
 ⑧ Through the base electric required when ordering disconnect/circuit breaker options.  
 ⑨ The manual outside air damper will ship factory supplied within the unit, but must be field installed.  
 ⑩ Phase Monitor is standard on T/Y/WSC060A3,4,W models. All other models Phase Monitor will be an option.

### Heaters (Digit 10)

kW Rating	Digit	Nominal BTUH	No. Stages	Used With	kW Rating	Digit	Nominal BTUH	No. Stages	Used With
<b>208/240/1/60</b>					<b>460/3/60</b>				
3.8/5.0	(A)	12,800/17,100	1	WSC036-060A1	6.0	(B)	20,500	1	WSC036-060A4
7.5/10.0	(D)	25,600/34,100	2	WSC036-060A1	12.0	(E)	41,000	2	WSC036-060A4
10.4/13.8	(F)	35,300/47,100	2	WSC036-060A1	17.4	(G)	59,400	2	WSC036-060A4
13.2/17.6	(G)	45,100/60,100	2	WSC048-060A1	23.0	(J)	78,500	2	WSC060A4
<b>208/240/3/60</b>					<b>575/3/60</b>				
4.5/6.0	(B)	13,400/20,500	1	WSC036-060A3	9.0	(C)	30,700	1	W*C072-090A4
9.0/12.0	(E)	30,800/59,400	2	WSC036-060A3	18.0	(G)	61,400	1	W*C072-120A4
13.1/17.4	(G)	44,600/59,400	2	WSC036-060A3	27.0	(K)	92,100	2	W*C072-120A4
17.3/23.0	(J)	58,900/78,500	2	WSC060A3	36.0	(N)	122,900	2	W*C072-120A4
6.75/9.0	(C)	23,000/30,700	1	W*C072-090A3	54.0	(P)	184,300	2	W*C120A4
13.5/18.0	(G)	46,100/61,400	1	W*C072-120A3	6.0	(B)	20,500	1	WSC036-060AW
20.3/27.0	(K)	69,000/92,100	2	W*C072-120A3	12.0	(E)	41,000	2	WSC036-060AW
27.0/36.0	(N)	92,200/122,900	2	W*C072-120A3	17.4	(G)	59,400	2	WSC036-060AW
40.5/54.0	(P)	138,200/184,300	2	W*C120A3	23.0	(J)	78,500	2	WSC060AW
					9.0	(C)	30,700	1	W*C072-090AW
					18.0	(G)	61,400	1	W*C072-120AW
					27.0	(K)	92,100	2	W*C072-120AW
					36.0	(N)	122,900	2	W*C072-120AW
					54.0	(P)	184,300	2	W*C120AW



# Packaged Heat Pump Convertible 3-10 Tons

Table PH-27-A — Accessory Electric Heaters – Unit with heater is single circuit / single point power entry

Model Number	Power Supply	kW Rating	Nominal BTUH	No. Stages	Used With <sup>Ⓞ</sup>
BAYHTRR306A	208/240/3/60	4.5/6.0	13,400/20,500	1	WSC036-060A3
BAYHTRR312A	208/240/3/60	9.0/12.0	30,800/41,000	2	WSC036-060A3
BAYHTRR318A	208/240/3/60	13.1/17.4	44,600/59,400	2	WSC036-060A3
BAYHTRR323A	208/240/3/60	17.3/23.0	58,900/78,500	2	WSC060A3
BAYHTRS309A	208/240/3/60	6.75/9.0	23,000/30,700	1	WSC072-090A3
BAYHTRS318A	208/240/3/60	13.5/18.0	46,100/61,400	1	WSC072-090A3
BAYHTRS327A	208/240/3/60	20.3/27.0	69,000/92,100	2	WSC072-090A3
BAYHTRS336A	208/240/3/60	27.0/36.0	92,200/122,900	2	WSC072-090A3
BAYHTRT318A	208/240/3/60	13.5/18.0	46,100/61,400	1	WSC120A3
BAYHTRT327A	208/240/3/60	20.3/27.0	69,000/92,100	2	WSC120A3
BAYHTRT336A	208/240/3/60	27.0/36.0	92,200/122,900	2	WSC120A3
BAYHTRT354A	208/240/3/60	40.5/54.0	138,200/184,300	2	WSC120A3
BAYHTRS409A	460/3/60	9.0	30,700	1	WSC072-090A4
BAYHTRS418A	460/3/60	18.0	61,400	1	WSC072-090A4
BAYHTRS427A	460/3/60	27.0	92,100	2	WSC072-090A4
BAYHTRS436A	460/3/60	36.0	122,900	2	WSC072-090A4
BAYHTRT418A	460/3/60	18.0	61,400	1	WSC120A4
BAYHTRT427A	460/3/60	27.0	92,100	2	WSC120A4
BAYHTRT436A	460/3/60	36.0	122,900	2	WSC120A4
BAYHTRT454A	460/3/60	54.0	184,300	2	WSC120A4
BAYHTRR406A	460/3/60	6.0	20,500	1	WSC036-060A4
BAYHTRR412A	460/3/60	12.0	41,000	2	WSC036-060A4
BAYHTRR418A	460/3/60	17.4	59,400	2	WSC036-060A4
BAYHTRR423A	460/3/60	23.0	78,500	2	WSC060A4
BAYHTRSW09A	575/3/60	9.0	30,700	1	WSC072-090AW
BAYHTRSW18A	575/3/60	18.0	61,400	1	WSC072-090AW
BAYHTRTW18A	575/3/60	18.0	61,400	1	WSC120AW
BAYHTRSW27A	575/3/60	27.0	92,100	2	WSC072-090AW
BAYHTRTW27A	575/3/60	27.0	92,100	2	WSC120AW
BAYHTRSW36A	575/3/60	36.0	122,900	2	WSC072-090AW
BAYHTRTW36A	575/3/60	36.0	122,900	2	WSC120AW
BAYHTRTW54A	575/3/60	54.0	184,300	2	WSC120AW
BAYHTRRW06A	575/3/60	6.0	20,500	1	WSC036-060AW
BAYHTRRW12A	575/3/60	12.0	41,000	2	WSC036-060AW
BAYHTRRW18A	575/3/60	17.4	59,400	2	WSC036-060AW
BAYHTRRW23A	575/3/60	23.0	78,500	2	WSC060AW

Ⓞ A = R-22



# Packaged Heat Pump Convertible 3-10 Tons

**Table PH-28-A — Accessory Electric Heaters – Unit with heater is single circuit / single point power entry**

Model Number	Power Supply	kW Rating	Nominal BTUH	No. Stages	Used With <sup>Ⓞ</sup>
BAYHTRE105A	208/230/1/60	3.8/5.0	12,800/17,100	1	WSC036-048E1
BAYHTRE110A	208/230/1/60	7.5/10.0	25,600/34,100	2	WSC036-048E1
BAYHTRE114A	208/230/1/60	10.4/13.8	35,300/47,100	2	WSC036-048E1
BAYHTRE118A	208/230/1/60	13.2/17.6	45,100/60,100	2	WSC048E1
BAYHTRX105A	208/230/1/60	3.8/5.0	12,800/17,100	1	WSC060E1
BAYHTRX110A	208/230/1/60	7.5/10.0	25,600/34,100	2	WSC060E1
BAYHTRX114A	208/230/1/60	10.4/13.8	35,300/47,100	2	WSC060E1
BAYHTRX118A	208/230/1/60	13.2/17.6	45,100/60,100	2	WSC060E1
BAYHTRE306A	208/230/3/60	4.5/6.0	13,400/20,500	1	WSC036-048E3
BAYHTRE312A	208/230/3/60	9.0/12.0	30,800/41,000	2	WSC036-048E3
BAYHTRE318A	208/230/3/60	13.1/17.4	44,600/59,400	2	WSC036-048E3
BAYHTRX306A	208/230/3/60	4.5/6.0	13,400/20,500	1	WSC036E3
BAYHTRX312A	208/230/3/60	9.0/12.0	30,800/41,000	2	WSC060E3
BAYHTRX318A	208/230/3/60	13.1/17.4	44,600/59,400	2	WSC060E3
BAYHTRX323A	208/230/3/60	17.3/23.0	58,900/78,500	2	WSC060E3
BAYHTRE406A	460/3/60	6.0	20,500	1	WSC036-048E4
BAYHTRE412A	460/3/60	12.0	41,000	2	WSC036-048E4
BAYHTRE418A	460/3/60	17.4	59,400	2	WSC036-048E4
BAYHTRX406A	460/3/60	6.0	20,500	1	WSC060E4
BAYHTRX412A	460/3/60	12.0	41,000	2	WSC060E4
BAYHTRX418A	460/3/60	17.4	59,400	2	WSC060E4
BAYHTRX423A	460/3/60	23.0	78,500	2	WSC060E4
BAYHTREW06A	575/3/60	6.0	20,500	1	WSC036-048EW
BAYHTREW12A	575/3/60	12.0	41,000	2	WSC036-048EW
BAYHTREW18A	575/3/60	17.4	59,400	2	WSC036-048EW
BAYHTRXW06A	575/3/60	6.0	20,500	1	WSC060EW
BAYHTRXW12A	575/3/60	12.0	41,000	2	WSC060EW
BAYHTRXW18A	575/3/60	17.4	59,400	2	WSC060EW
BAYHTRXW23A	575/3/60	23.0	78,500	2	WSC060EW

Ⓞ E = R-410A

**Table PH-28-B — Zone Sensors for ReliaTel™ Controlled Units**

Model Number	Description	Used With <sup>Ⓞ</sup>
BAYMTPL003B	Retrofit Wall Cover Plate Kit 7.25" x 6.0"	ASYSTAT666C
BAYMTPL004B	Retrofit Wall Cover Plate Kit 4.75" x 4.75"	ASYSTAT662B,664B,669A
ASYSTAT662B	Single Setpoint Manual Changeover	WSC036-060(A or E)-120A
ASYSTAT664B	Dual Setpoint Manual or Auto Changeover	WSC036-060(A or E)-120A
ASYSTAT669A	Remote Room Sensor 010B, & 019C	BAYSENS007B,009B,011B,019C
ASYSTAT666C	Programmable Night Setback w/System Function Lights	WSC036-060(A or E)-120A
ASYSTAT707A <sup>Ⓞ</sup>	Digital Display Zone Sensor	WSC036-060(A or E)-120A
ASYSTAT708A <sup>Ⓞ</sup>	Dual Thermistor Remote Zone Sensor	WSC036-060(A or E)-120A

Ⓞ Functional only with ReliaTel™ controls.

Ⓞ A=R-22, E=410A





# Packaged Heat Pump Convertible 3-10 Tons

Table PH-29-A — Accessories

Model Number	Description	Used With <sup>®</sup>
BAYABRD001C	ReliaTel™ Options Module	See Note <sup>①</sup>
BAYBARM010A <sup>②</sup>	Barometric Relief	WSC036-060(A or E)
BAYBARM011A <sup>②</sup>	Barometric Relief	WSC072-120A
BAYCCHT010B	Crankcase Heater	WSC036-060(A or E), WSC072-120A1, A3
BAYCCHT011B	Crankcase Heater	WSC036-060(A or E), WSC072-120A1, A4, AW
BAYCCHT012A	Crankcase Heater	WSC090A3
BAYCCHT013A	Crankcase Heater	WSC090A4
BAYCCHT014A	Crankcase Heater	WSC090AW
ASYSTAT712A <sup>⑩</sup>	CO <sub>2</sub> Sensor Kit, Wall Mounted	WSC036-060(A or E), WSC072-120A w/Economizer
ASYSTAT714A <sup>⑩</sup>	CO <sub>2</sub> Sensor Kit, Duct Mounted	WSC036-060(A or E), WSC072-120A w/Economizer
BAYCURB042A <sup>④</sup>	Roof Curb	WSC036-060(A or E)
BAYCURB043A <sup>④</sup>	Roof Curb	WSC072-120A
BAYDFPS003A <sup>⑥</sup>	Clogged Filter Switch	WSC036-060(A or E)-120A
BAYDFPS004A <sup>⑥</sup>	Fan Failure Switch	WSC036-060(A or E)-120A
BAYDMPR051A	0-50% Motorized Outside Air Damper	WSC036-060(A or E)
BAYDMPR053B <sup>②</sup>	0-50% Manual Outside Air Damper	WSC036-060(A or E)
BAYDMPR054A	0-50% Motorized Outside Air Damper	WSC072-120A
BAYDMPR056B <sup>②</sup>	0-50% Manual Outside Air Damper	WSC072-120A
BAYECON085A	0-100% Economizer without Barometric Relief	WSC036-060(A or E)
BAYECON087A	0-100% Economizer without Barometric Relief	WSC072-120A
BAYENTH005A <sup>⑦</sup>	Reference Enthalpy Kit	BAYECON085A,087A
BAYENTH006B <sup>⑦</sup>	Comparative Enthalpy Kit	BAYECON085A,087A
BAYFRST001A	High Temperature Stat	WSC036-060(A or E), WSC072-120A
BAYGARD036B	Condenser Coil Hail Guard	WSC036-060(A or E)
BAYGARD040B	Condenser Coil Hail Guard	WSC072-090A
BAYGARD041B	Condenser Coil Hail Guard	WSC120A
BAYHSDR012A	High Static Drive Kit	WSC072A
BAYHSMT073A	.45 HP Direct Drive Oversized Motor Kit	WSC036(A or E)1,(A or E)3
BAYHSMT074A	.45 HP Direct Drive Oversized Motor Kit	WSC036(A or E)4
BAYHSMT075A	.45 HP Direct Drive Oversized Motor Kit	WSC036(A or E)W
BAYHSMT076A	.75 HP Direct Drive Oversized Motor Kit	WSC048(A or E)1,(A or E)3
BAYHSMT077A	.75 HP Direct Drive Oversized Motor Kit	WSC048(A or E)4
BAYHSMT078A	.75 HP Direct Drive Oversized Motor Kit	WSC048(A or E)W
BAYHSMT079A	1.2 HP Direct Drive Oversized Motor Kit	WSC060(A or E)1,(A or E)3
BAYHSMT080A	1.2 HP Direct Drive Oversized Motor Kit	WSC060(A or E)4
BAYHSMT081A	1.2 HP Direct Drive Oversized Motor Kit	WSC060(A or E)W
BAYHSMT082A	2 HP Belt Drive Oversized Motor	WSC072A3, A4
BAYHSMT083A	2 HP Belt Drive Oversized Motor	WSC072AW
BAYHSMT086A	3 HP Belt Drive Oversized Motor	WSC090A3, A4
BAYHSMT087A	3 HP Belt Drive Oversized Motor	WSC090AW
BAYHSMT090A	5 HP Belt Drive Oversized Motor	WSC120A3, A4
BAYHSMT091A	5 HP Belt Drive Oversized Motor	WSC120AW
BAYICSI003A <sup>⑦</sup>	Comm 3/4 Communications Interface	WSC036-060(A or E), WSC072-120A
BAYKSKT255A	Quick Start Kit	WSC048,060(A or E)A1
BAYKSKT256A	Quick Start Kit	WSC036(A or E)1
BAYLOAM020B <sup>⑧</sup>	Evaporator Defrost Control (Froststat)	WSC036-060(A or E), WSC072-120A
BAYLTCI002B <sup>⑧</sup>	LonTalk <sup>®</sup> Communications Interface	WSC036-060(A or E), WSC072-120A
BAYPWRX026A <sup>⑨</sup>	Power Exhaust	WSC072-120A3
BAYPWRX027A <sup>⑨</sup>	Power Exhaust	WSC072-120A4
BAYPWRX028A <sup>⑨</sup>	Power Exhaust	WSC072-120AW
BAYQACB009A <sup>④⑤</sup>	Quick Adapt Roof Curb	WSC036-060(A or E)
BAYQACB010A <sup>④⑤</sup>	Quick Adapt Roof Curb	WSC036-060(A or E)
BAYQACB011A <sup>④⑩</sup>	Quick Adapt Roof Curb	WSC036-060(A or E), WSC072-120A
BAYQACB012A <sup>④⑩</sup>	Quick Adapt Roof Curb	WSC036-060(A or E), WSC072-120A
BAYSENS016A	Temperature Sensor	WSC036-060(A or E)
BAYSERV001A	Selective Resistance Service Tester	WSC036-060(A or E), WSC072-120A
BAYSTAT023	Remote Potentiometer	BAYECON085A,087A
BAYTUBE005A <sup>②⑥</sup>	Discharge Air Sensing Kit	WSC036-060(A or E)
BAYTUBE007	Discharge Air Sensing Kit	WSC072-120A
BAYVNOR001B <sup>⑧⑪</sup>	Ventilation Override Kit w/ReliaTel™ options module	WSC036-060(A or E), WSC072-120A

- ① Kits contain all necessary parts to achieve desired level of enthalpy control.
- ② Used for true discharge air sensing in both heating and cooling. Required for supply air tempering.
- ③ Barometric Relief accessory installs in ductwork for horizontal configuration. For downflow configuration, installs in the unit's horizontal return duct. See Installer's Guide for complete instructions.
- ④ Lynn Haven manufacturing has a no return policy for this roof curb.
- ⑤ BAYQACB009A adapts dedicated ariflow rooftop BAYCURB021A roof curb to accept Convertible 3-5 ton unit. BAYQACB010A adapts dedicated ariflow rooftop (BAYCURB022A roof curb to accept Convertible 3-5 ton unit.
- ⑥ BAYABRD001C is required when ordering field installed accessories Clogged Filter Switch (BAYDFPS003A), Fan Fail Switch (BAYDFPS004A), Discharge Air Sensing Kit BAYTUBE004A or BAYTUBE005A) or Evaporator Defrost Control (Froststat) (BAYLOAM020B) Ventilation Override Kit (BAYVNOR001B) unless the following options are factory installed: Froststat, Smoke Detector, Clogged Filter Switch, Fan Failure Switch, Discharge Air Sensing Kit. These factory installed options include the ReliaTel™ Options Module.
- ⑦ Interface allows unit to communicate with Tracer 100, Tracker, VariTrac II, and is the preferred method of communication to Tracer Summit.
- ⑧ Power Exhaust cannot be used with Barometric Relief. Order Economizer without Barometric Relief.
- ⑨ Interface allows unit to communicate as a LonTalk device or directly with generic LonTalk Network BAS Controls.
- ⑩ BAYQACB012A adapts dedicated ariflow rooftop BAYCURB025 roof curb to accept Convertible 6-10 ton unit. BAYQACB011A adapts dedicated ariflow rooftop BAYCURB022B roof curb to accept Convertible 6-10 ton unit.
- ⑪ Field installed accessory. Requires an economizer.
- ⑫ The manual outside air damper will ship factory supplied within the unit, but must be field installed.
- ⑬ A=R-22, E=410A.





# Light Commercial Packaged Heat Pump New Model Quick Reference

Table PH-30-A — Quick Reference

Horizontal	Downflow	Controls	Ordering Number	Service Model Number
WCH036B100A	WCD036C100B	Microprocessor	WSC036*1R0A0000	WSC036*1R0A**000000000000
WCH036B300A	WCD036C300B	Microprocessor	WSC036*3R0A0000	WSC036*3R0A**000000000000
WCH036B400A	WCD036C400B	Microprocessor	WSC036*4R0A0000	WSC036*4R0A**000000000000
WCH048C100B	WCD048C100B	Microprocessor	WSC048*1R0A0000	WSC048*1R0A**000000000000
WCH048C300B	WCD048C300B	Microprocessor	WSC048*3R0A0000	WSC048*3R0A**000000000000
WCH048C400B	WCD048C400B	Microprocessor	WSC048*4R0A0000	WSC048*4R0A**000000000000
WCH048CW00B	WCD048CW00B	Microprocessor	WSC048*WR0A0000	WSC048*WR0A**000000000000
WCH060C100B	WCD060C100B	Microprocessor	WSC060*1R0A0000	WSC060*1R0A**000000000000
WCH060C300B	WCD060C300B	Microprocessor	WSC060*3R0A0000	WSC060*3R0A**000000000000
WCH060C400B	WCD060C400B	Microprocessor	WSC060*4R0A0000	WSC060*4R0A**000000000000
WCH060CW00B	WCD060CW00B	Microprocessor	WSC060*WR0A0000	WSC060*WR0A**000000000000
WCH075C300B	WCD075C300B	Microprocessor	WSC072A3R0A0000	WSC072A3R0A**000000000000
WCH075C400B	WCD075C400B	Microprocessor	WSC072A4R0A0000	WSC072A4R0A**000000000000
WCH075CW00B	WCD075CW00B	Microprocessor	WSC072AWR0A0000	WSC072AWR0A**000000000000
WCH090C300B	WCD090C300B	Microprocessor	WSC090A3R0A0000	WSC090A3R0A**000000000000
WCH090C400B	WCD090C400B	Microprocessor	WSC090A4R0A0000	WSC090A4R0A**000000000000
WCH090CW00B	WCD090CW00B	Microprocessor	WSC090AWR0A0000	WSC090AWR0A**000000000000
WCH120B300E	WCD120B300E	Microprocessor	WSC120A3R0A0000	WSC120A3R0A**000000000000
WCH120B400E	WCD120B400E	Microprocessor	WSC120A4R0A0000	WSC120A4R0A**000000000000
WCH120BW00E	WCD120BW00E	Microprocessor	WSC120AWR0A0000	WSC120AWR0A**000000000000

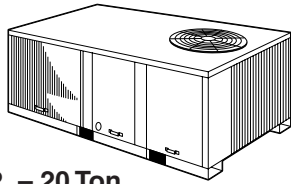
\* Digit 7- A=R-22, E=410A.

**For additional Controls Information:**

**See ReliaTel™ and Micro Control features on PC-35 and PC-36.**

# American Standard

## Packaged Heat Pump with ReliaTel™ Controls 12½ through 20 Tons



12-1/2 – 20 Ton  
WCD/WCH—Downflow/Horizontal

- EER up to 10.0
- **ReliaTel™** control features are listed on page PC-35
- Built-in anti-short cycle, time-delay relay and minimum on time controls
- Liquid line drier
- 2" filters for 12-1/2 – 20 ton units
- Built-in fork lift holes
- Operating charge of R-22
- "Easy-Sess™" service panels slide in and out
- **Duration™** compressors
- Dedicated horizontal and downflow designs
- Single-side access
- Single point power for electric heat
- Complete line of optional electric heaters
- Internally enhanced coil tubing
- Low ambient to 0°F standard
- Colored and numbered wiring
- Common cabinet and accessories with TCD/TCH and YCD/YCH models
- Quick-adjust idler arm pulley.
- 5-year limited compressor warranty (12-1/2 – 15 tons)
- 1-year limited parts warranty
- 1-year limited compressor warranty (20 tons)

Table PH-31-A — WCD Downflow or WCH Horizontal — Micro Control Unit

Tons	Unit Model No.	Power Supply Volts/Phase/Hz	Performance EER (1Ø)	Cooling Capacity (Btuh)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	MCA®	Max Fuse Size or® Max Circuit Breaker	Downflow Roofcurb
12½	WCD150B300G	208-230/3/60	9.50	152,000	50½ x 71⅝ x 107⅝	1719	66	80	BAYCURB026B
15	WCD180B300H	208-230/3/60	9.60	180,000	50½ x 71⅝ x 107⅝	1857	76	90	BAYCURB026B
20	WCD240B300G	208-230/3/60	10.0	244,000	54 x 85⅝ x 122⅝	2467	96	125	BAYCURB027B
12½	WCD150B400G	460/3/60	9.50	152,000	50½ x 71⅝ x 107⅝	1719	31	40	BAYCURB026B
15	WCD180B400H	460/3/60	9.60	180,000	50½ x 71⅝ x 107⅝	1857	39	45	BAYCURB026B
20	WCD240B400G	460/3/60	10.0	244,000	54 x 85⅝ x 122⅝	2467	49	60	BAYCURB027B
12½	WCD150BW00G	575/3/60	9.50	152,000	50½ x 71⅝ x 107⅝	1719	25	30	BAYCURB026B
15	WCD180BW00H	575/3/60	9.60	180,000	50½ x 71⅝ x 107⅝	1857	31	35	BAYCURB026B
20	WCD240BW00G	575/3/60	10.0	244,000	54 x 85⅝ x 122⅝	2467	38	45	BAYCURB027B
12½	WCH150B300G	208-230/3/60	9.50	152,000	50½ x 71⅝ x 107⅝	1719	66	80	BAYCURB026B
15	WCH180B300H	208-230/3/60	9.60	180,000	50½ x 71⅝ x 107⅝	1857	76	90	BAYCURB026B
20	WCH240B300G	208-230/3/60	10.0	244,000	54 x 85⅝ x 122⅝	2467	96	125	BAYCURB027B
12½	WCH150B400G	460/3/60	9.50	152,000	50½ x 71⅝ x 107⅝	1719	31	40	BAYCURB026B
15	WCH180B400H	460/3/60	9.60	180,000	50½ x 71⅝ x 107⅝	1857	39	45	BAYCURB026B
20	WCH240B400G	460/3/60	10.0	244,000	54 x 85⅝ x 122⅝	2467	49	60	BAYCURB027B
12½	WCH150BW00G	575/3/60	9.50	152,000	50½ x 71⅝ x 107⅝	1719	25	30	BAYCURB026B
15	WCH180BW00H	575/3/60	9.60	180,000	50½ x 71⅝ x 107⅝	1857	31	35	BAYCURB026B
20	WCH240BW00G	575/3/60	10.0	244,000	54 x 85⅝ x 122⅝	2467	38	45	BAYCURB027B

Tons	Supply Downflow W x L⓪②	Supply Horizontal H x W⓪②	Return Downflow W x L⓪②	Return Horizontal H x W⓪②	Curb Size H x W x L⓪②	Roof Opening W x L⓪②
12½ – 15	28⅞ x 55½	42½ x 26½	20⅞ x 63	42½ x 24⅞	14⅞ x 66⅝ x 102¼	62½ x 73½
20	28⅞ x 69½	46⅞ x 26½	22¼ x 77	46⅞ x 27⅞	14⅞ x 80⅝ x 117⅞	76½ x 81



# Packaged Heat Pump with ReliaTel™ Controls 12½ through 20 Tons (Model Digit Numbers)

Table PC-32-A — Factory Installed Accessories<sup>①②</sup> For Complete list of all Factory Installed Options, please refer to the FIOPS section of this book.

Digit	Description	Order Number	Used With
1-8	<b>Main Assembly (see previous page)</b>		
9-10	<b>Factory Installed Options</b>		
	No Options	00	WC*150-240
	Downflow Economizer <sup>③</sup>	0A	WCD150-240
	Oversized Motor	0B	WC*150-240
	Downflow Economizer and Oversized Motor <sup>③</sup>	0C	WCD150-240
	Comm 3/4, Communications Interface (TCI) <sup>④</sup>	OF	WC*150-240
	Downflow Economizer, TCI <sup>③④</sup>	OG	WCD150-240
11-12	<b>Minor Design and Service Sequence</b>	**	

- ① Price includes accessory and factory installation.
- ② Four (4) week shipping approximately.
- ③ Some field set up required.
- ④ TCI is for use with non-VariTrac systems and VariTrac systems.

Table PH-32-B— Zone Sensors

Model Number	Description	Used With
ASYSTAT662B	Single Setpoint Manual Changeover	WC*150-240B
ASYSTAT664B	Dual Setpoint Manual or Auto Changeover	WC*150-240B
ASYSTAT666C	Programmable Night Setback	WC*150-240B
ASYSTAT669A	Remote Room Sensor	ASYSTAT666C
ASYSTAT708A	Dual Thermistor Remote Zone Sensor (Averaging only)	WC*150-240
ASYSTAT707A	Digital Display Zone Sensor	WC*150-240
BAYMTPL003B	Retrofit Wall Cover Plate Kit 7.25" x 6.0"	ASYSTAT666C
BAYMTPL004A	Retrofit Wall Cover Plate Kit 4.75" x 4.75"	ASYSTAT662B, 664B, 669



# Packaged Heat Pump with ReliaTel™ Controls 12½ through 20 Tons (Accessories)

**Table PH-33-A — Field Installed Accessories**  
For complete list of of All Factory Installed Options refer to FIOPS section of this book.

Model Number	Description	Used With
BAYABRD002B <sup>①</sup>	ReliaTel™ Options Module	WCH/D150-240
ASYSTAT713A	CO <sup>2</sup> Sensor Wall Mounted	WC*150-240 w/Economizer
ASYSTAT715A	CO <sup>2</sup> Sensor Duct Mounted	WC*150-240 w/Economizer
BAYCURB026B <sup>②③④</sup>	Downflow Only Roof Curb	WCD150B,180B
BAYCURB027B <sup>②③④</sup>	Downflow Only Roof Curb	WCD240B
BAYDMPR029C	0-25% Manual Outside Air Damper	WCD/WCH (12½-20 Tons)
BAYDMPR057A	0-50% Motorized Outside Air Damper	WCD/WCH150B,180B
BAYDMPR058A	0-50% Motorized Outside Air Damper	WCD/WCH240B
BAYDFPS005A <sup>⑤⑥</sup>	Clogged Filter Switch	WCD/WCH (12½-20 Tons)
BAYDFPS006A <sup>⑤⑥</sup>	Fan Failure Switch	Economizers/0-50% Motorized Air Dampers
BAYECON089A <sup>⑦</sup>	Downflow Economizer with Barometric Relief	WCD150B,180B
BAYECON090A <sup>⑦</sup>	Downflow Economizer with Barometric Relief	WCD240B
BAYECON091A	Horizontal Economizer	WCH150B,180B
BAYECON092A	Horizontal Economizer	WCH240B
BAYENTH007A	Reference Enthalpy Kit	BAYECON089-92A
BAYENTH008A	Comparative Enthalpy Kit	BAYECON089-92A
BAYFRST001A	High Temp Stat	WCD/WCH150-240B
BAYFRST003A	High Temp Stat	WC*150,180,240
BAYGARD043B <sup>⑧</sup>	Tool-less Hail Guard	WC*150B
BAYGARD044B <sup>⑧</sup>	Tool-less Hail Guard	WC*180B
BAYGARD045A <sup>⑧</sup>	Tool-less Hail Guard	WC*240B
BAYHSDR002B <sup>⑨</sup>	High Static Drive	WCD/WCH150B
BAYHSDR005A <sup>⑨</sup>	High Static Drive	WC*240B
BAYHSMT039B <sup>⑩⑪</sup>	5HP Oversized Motor Kit	WCD/WCH150B,180B
BAYHSMT040B <sup>⑩⑪</sup>	5HP Oversized Motor Kit	WC*150,180BW
BAYHSMT042A <sup>⑩⑪</sup>	7-1/2HP Oversized Motor Kit	WC*240BW
BAYHSMT098A <sup>⑩⑪</sup>	7-1/2HP Oversized Motor Kit	WC*240B3
BAYHSMT099A <sup>⑩⑪</sup>	7-1/2HP Oversized Motor Kit	WC*240B4
BAYICSI004B <sup>⑫</sup>	Comm 3/4, Communications Interface (TCI)	WC*150-300
BAYLOAM023A	Evaporator Defrost Control (Frostat)	WC*150,180,240B with options module
BAYLTIC003B <sup>⑬</sup>	LonTalk® Communications Interface (LCI)	WC*150-300
BAYPWRX029A	Power Exhaust for 230 volt units	BAYECON089A,090A (WCD150B, 180B, 240B3)
BAYPWRX030A	Power Exhaust for 460 volt units	BAYECON089A,090A (WCD150B, 180B, 240B4)
BAYPWRX031A	Power Exhaust for 575 volt units	BAYECON089A,090A (WCD150B, 180B, 240BW)
BAYSERV001A	Selective Resistance Service Tester	WCD/WCH (12½-20 Tons)
BAYSENS016A	Temperature Sensor	WCD/WCH (12½-20 Tons)
BAYSTAT023	Remote Potentiometer	All economizers and 0-50% motorized air dampers
BAYTUBE008A <sup>⑭⑮</sup>	Discharge Air Sensing Tube	WCD150-240
BAYTUBE009A <sup>⑭⑮</sup>	Discharge Air Sensing Tube	WCH150-240
BAYVNOR002B <sup>⑯</sup>	Ventilation Override Kit	WCH150-240 w/ReliaTel™ Options Module

- ① Dimensions are in inches.
- ② Interior Dimension.
- ③ MCA = Minimum Circuit Ampacity.
- ④ Measurement Includes Curb Flange.
- ⑤ HACR Type Circuit per NEC.
- ⑥ High static drive and oversized motors are mutually exclusive, Do not Combine.
- ⑦ Used for true discharge air sensing in both heating and cooling models.
- ⑧ Clarksville Manufacturing has a no-return policy for this roof curb.
- ⑨ For downflow use only. Can not be adapted for horizontal units.
- ⑩ BAYABRD002B is required when ordering field installed accessories BAYDFPS005A or 006A, BAYTUBE008A or 009A and BAYLOAM023A or BAYVNOR002A.
- ⑪ Field or factory installed option.
- ⑫ Field installed accessory. Requires an economizer.
- ⑬ Interface allows a unit with ReliaTel™ Controls to communicate with Tracer 100, Tracker, VariTrac II, and is the preferred method of communication to Tracer Summit.
- ⑭ With ReliaTel™ controlled units only.
- \* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

Table PH-34-A — Downflow/Horizontal Supplementary Heaters:

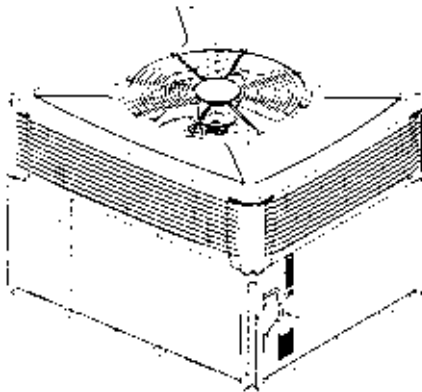
Model Number	Power Supply	kW Rating	BTUH	Nominal Stages	No. Used With
AYDHTRK418A	460/3/60	18.0	61,400	1	WCD150B4,180B4
AYDHTRK436A	460/3/60	36.0	122,900	2	WCD150B4,180B4
AYDHTRK454A	460/3/60	54.0	184,300	2	WCD150B4,180B4
AYDHTRK318A	208/240/3/60	13.5/18.0	46,100/61,400	1	WCD150B3, 180B3
AYDHTRK336A	208/240/3/60	27.0/36.0	92,200/122,900	2	WCD150B3, 180B3
AYDHTRK354A	208/240/3/60	40.5/54.0	138,200/184,300	2	WCD150B3, 180B3
AYDHTRL336A	208/240/3/60	27.0/36.0	92,200/122,900	2	WCD240B3
AYDHTRL354A	208/240/3/60	40.5/54.0	138,200/184,300	2	WCD240B3
AYDHTRK372A	208/240/3/60	54.0/72.0	184,300/245,700	2	WCD240B3
AYDHTRL436A	460/3/60	36.0	122,900	2	WCD240B4
AYDHTRL454A	460/3/60	54.0	184,300	2	WCD240B4
AYDHTRK472A	460/3/60	72.0	245,700	2	WCD240B4
AYHHTRN318A	208/240/3/60	13.5/18.0	46,100/61,400	1	WCH150B3, 180B3
AYHHTRP336A	208/240/3/60	27.0/36.0	92,200/122,900	2	WCH150B3, 180B3
AYHHTRP354A	208/240/3/60	40.5/54.0	138,200/184,300	2	WCH150B3, 180B3
AYHHTRP418A	460/3/60	18.0	61,400	1	WCH180B4,150B4
AYHHTRP436A	460/3/60	36.0	122,900	2	WCH180B4,150B4
AYHHTRP454A	460/3/60	54.0	184,300	2	WCH180B4,150B4
AYHHTRN336A	208/240/3/60	27.0/36.0	92,200/122,900	2	WCH240B3
AYHHTRN354A	208/240/3/60	40.5/54.0	138,200/184,300	2	WCH240B3
AYHHTRN372A	208/240/3/60	54.0/72.0	184,300/245,700	2	WCH240B3
AYHHTRN436A	460/3/60	36.0	122,900	2	WCH240B4
AYHHTRN454A	460/3/60	54.0	184,300	2	WCH240B4
AYHHTRN472A	460/3/60	72.0	245,700	2	WCH240B4
AYDHTRKW18A	575/3/60	18.0	61,400	1	WCD120BW,180BW
AYDHTRKW36A	575/3/60	36.0	122,900	2	WCD120BW,180BW
AYDHTRKW54A	575/3/60	54.0	184,300	2	WCD120BW,180BW
AYDHTRLW36A	575/3/60	36.0	122,900	2	WCD240BW
AYDHTRLW54A	575/3/60	54.0	184,300	2	WCD240BW
AYDHTRKW72A	575/3/60	72.0	245,700	2	WCD240BW
AYHHTRNW18A	575/3/60	18.0	61,400	1	WCH150BW,180BW
AYHHTRPW36A	575/3/60	36.0	122,900	2	WCH150BW,180BW
AYHHTRPW54A	575/3/60	54.0	184,300	2	WCH150BW,180BW
AYHHTRNW36A	575/3/60	36.0	122,900	2	WCH240BW
AYHHTRNW54A	575/3/60	54.0	184,300	2	WCH240BW
AYHHTRNW72A	575/3/60	72.0	245,700	2	WCH240BW

Note: Unit with heater is single circuit/single point.

See ReliaTel™ and Micro Control features on PC-35 and PC-36.

*American  
Standard*

## Package Gas/Electric Convertible 2 through 5 Tons



- Architecturally integrated louvers and corner guards deliver durable protection, extra safety, and great looks.
- Weather Beater Top contoured for great appearance and reinforced for strength.

- Ultra quiet operation provides best-in-class performance with barely noticeable sound levels.
- Appliance grade finish of durable powder paint baked on both sides of the panels.
- Exclusive **Duration™** high efficiency compressor with internal overload protection.
- Aerospace ducted outdoor fan with a high efficiency motor for quiet and reliable operation.
- Composite **Vortica®** blower provides better airflow and less sound while using less energy.
- **Spine Fin™** outdoor coil for long lasting performance and durability.
- Right side electrical service for high and low voltage lines.
- Rugged steel basepan features deep drawn duct connections and emergency drains.
- Steeply sloped composite drainpan will empty fast and never rust.
- Ships in horizontal configuration and converts quickly for downflow.
- Complete set of customized electric heaters designed for all models. Features a polarized plug for easy installation.
- Optional filter rack kits fit inside the unit. Available for 1" or 2" media.
- Non-bleed expansion valves on indoor and outdoor coils.
- Direct drive 2 and 3 speed indoor blower motors.
- Pressure taps easily accessed and protected inside compressor compartment.
- Easy access liquid line tap inside compressor compartment.
- Standard operation to 55°F as manufactured.
- Low ambient cooling to 0°F with kit.
- UL approved and listed.
- **20 year heat exchanger, 10 year compressor, 10 year outdoor coil, and 5 year other parts limited warranty. (Residential Use Only)**
- **Optional extended warranty.**

**Table PG-1-A — 2YCX - Triumph® 13 - Convertible Package Gas/Electric - R-22**

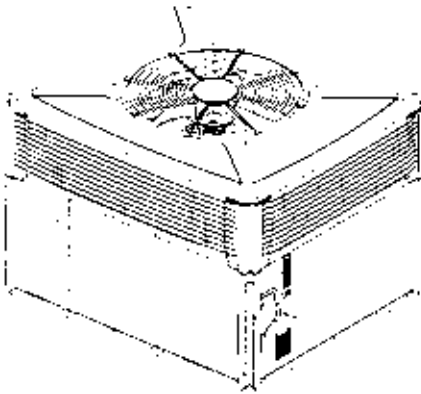
Model Number	Capacity	SEER/EER	AFUE (%) HSPF	Shipping Weight	MCA	Max Fuse	Sound Rating	Cabinet
								Dimensions (in.) H x W x L
<b>2YCX – 208/230/1/60</b>								
2YCX3024A1040A	25,500	13.35/11.65	80	470	13.3	20	70	36 x 51 x 43
2YCX3024A1064A	25,500	13.35/11.65	80	481	13.3	20	70	36 x 51 x 43
2YCX3030A1040A	29,400	13.20/11.30	80	470	16.3	25	70	36 x 51 x 43
2YCX3030A1064A	29,400	13.20/11.30	80	481	16.3	25	70	36 x 51 x 43
2YCX3030A1075A	29,400	13.20/11.30	80	481	16.3	25	70	36 x 51 x 43
2YCX3036A1063A	35,200	13.00/11.20	80	479	23.0	35	72	36 x 51 x 43
2YCX3036A1075A	35,200	13.00/11.20	80	479	23.0	35	72	36 x 51 x 43
2YCX3036A1096A	35,200	13.00/11.20	80	485	23.0	35	72	36 x 51 x 43
2YCX3042A1064A	41,500	13.15/11.30	80	599	24.5	40	73	38 x 61 x 46
2YCX3042A1075A	41,500	13.15/11.30	80	599	24.5	40	73	38 x 61 x 46
2YCX3042A1096A	41,500	13.15/11.30	80	607	24.5	40	73	38 x 61 x 46
2YCX3048A1075A	48,000	13.30/11.25	80	656	29.0	45	73	38 x 61 x 46
2YCX3048A1096A	48,000	13.30/11.25	80	663	29.0	45	73	38 x 61 x 46
2YCX3048A1120A	48,000	13.30/11.25	80	669	29.0	45	73	38 x 61 x 46
2YCX3060A1096A	59,500	13.55/11.60	80	678	40.4	60	75	42 x 61 x 46
2YCX3060A1120A	59,500	13.55/11.60	80	684	40.4	60	75	42 x 61 x 46

**For information on Roof Curbs and Roof Curb Adaptors,  
please refer to the Accessories/Information Tab.**



*American Standard*

## Package Gas/Electric Convertible 1½ through 5 Tons



- Architecturally integrated louvers and corner guards deliver durable protection, extra safety, and great looks.
- Ultra quiet operation provides best-in-class performance with barely noticeable sound levels.

- Appliance grade finish of durable powder paint baked on both sides of the panels.
- Exclusive **Duration™** high efficiency compressor with internal overload protection.
- Aerospace ducted outdoor fan with a high efficiency motor for quiet and reliable operation.
- Composite **Vortica®** blower provides better airflow and less sound while using less energy.
- **Spine Fin™** outdoor coil for long lasting performance and durability.
- Right side electrical service for high and low voltage lines.
- Rugged steel basepan features deep drawn duct connections and emergency drains.
- Steeply sloped composite drainpan will empty fast and never rust.
- Ships in horizontal configuration and converts quickly for downflow.
- Complete set of customized electric heaters designed for all models. Features a polarized plug for easy installation.
- Optional filter rack kits fit inside the unit. Available for 1" or 2" media.
- Non-bleed expansion valves on indoor and outdoor coils.
- Direct drive 2 and 3 speed indoor blower motors.
- Pressure taps easily accessed and protected inside compressor compartment.
- Easy access liquid line tap inside compressor compartment.
- Standard operation to 55°F as manufactured.
- Low ambient cooling to 0°F with kit.
- UL approved and listed.
- **20 year heat exchanger, 10 year compressor, 10 year outdoor coil, and 5 year other parts limited warranty. (Residential Use Only)**
- **Optional extended warranty.**

**Table PG-2-A — 4YCX - Triumph® 13 - Convertible Package Gas/Electric - R-410A**

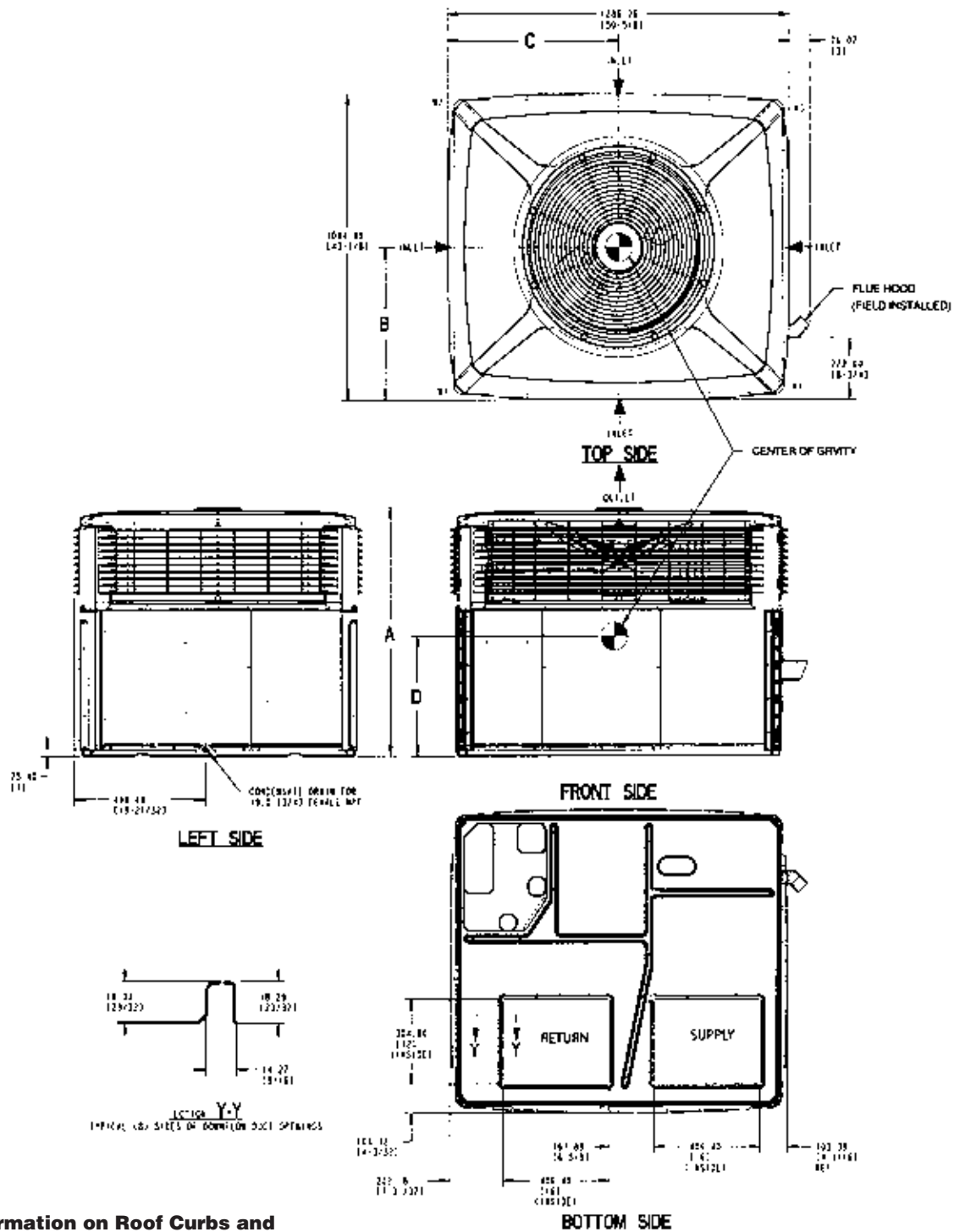
Model Number	Capacity	SEER/EER	AFUE (%) HSPF	Shipping Weight	MCA	Max Fuse	Sound Rating	Cabinet Dimensions (in.) H x W x L
<b>4YCX – 208/230/1/60</b>								
4YCX3018A1040A	18,800	13.55/11.15	80	471	10.1	15	69	36 x 51 x 43
4YCX3036A1064A	36,400	13.15/11.05	80	488	23.6	35	71	36 x 51 x 43
4YCX3036A1075A	36,400	13.15/11.05	80	488	23.6	35	71	36 x 51 x 43
4YCX3036A1096A	36,400	13.15/11.05	80	493	23.6	35	71	36 x 51 x 43
4YCX3048A1075A	46,500	13.05/11.00	80	645	31.5	50	73	38 x 61 x 46
4YCX3048A1096A	46,500	13.05/11.00	80	653	31.5	50	73	38 x 61 x 46
4YCX3048A1120A	46,500	13.05/11.00	80	659	31.5	50	73	38 x 61 x 46
4YCX3060A1096A	60,000	13.40/10.95	80	678	43.3	60	75	40 x 61 x 46
4YCX3060A1120A	60,000	13.40/10.95	80	684	43.3	60	75	40 x 61 x 46
<b>4YCX – 208/230/3/60</b>								
4YCX3036A3064A	36,400	13.15/11.05	80	488	18.5	30	71	36 x 51 x 43
4YCX3036A3075A	36,400	13.15/11.05	80	488	18.5	30	71	36 x 51 x 43
4YCX3036A3096A	36,400	13.15/11.05	80	493	18.5	30	71	36 x 51 x 43
4YCX3048A3075A	46,500	13.05/11.00	80	645	24.0	35	73	38 x 61 x 46
4YCX3048A3096A	46,500	13.05/11.00	80	653	24.0	35	73	38 x 61 x 46
4YCX3048A3120A	46,500	13.05/11.00	80	659	24.0	35	73	38 x 61 x 46
4YCX3060A3096A	60,000	13.40/10.95	80	678	31.5	50	75	40 x 61 x 46
4YCX3060A3120A	60,000	13.40/10.95	80	684	31.5	50	75	40 x 61 x 46
<b>4YCX – 460/3/60</b>								
4YCX3036A4064A	36,400	13.15/11.05	80	448	8.7	15	71	36 x 51 x 43
4YCX3036A4075A	36,400	13.15/11.05	80	448	8.7	15	71	36 x 51 x 43
4YCX3036A4096A	36,400	13.15/11.05	80	493	8.7	15	71	36 x 51 x 43
4YCX3048A4075A	46,500	13.05/11.00	80	645	11.7	15	73	38 x 61 x 46
4YCX3048A4096A	46,500	13.05/11.00	80	653	11.7	15	73	38 x 61 x 46
4YCX3048A4120A	46,500	13.05/11.00	80	659	11.7	15	73	38 x 61 x 46
4YCX3060A4096A	60,000	13.40/10.95	80	678	19.3	25	75	40 x 61 x 46
4YCX3060A4120A	60,000	13.40/10.95	80	684	19.3	25	75	40 x 61 x 46

**For information on Roof Curbs and Roof Curb Adaptors,  
please refer to the Accessories/Information Tab.**



# Package Gas/Electric Convertible 1½ through 5 Tons

2/4YCX3018A through 2/4YCX3036A

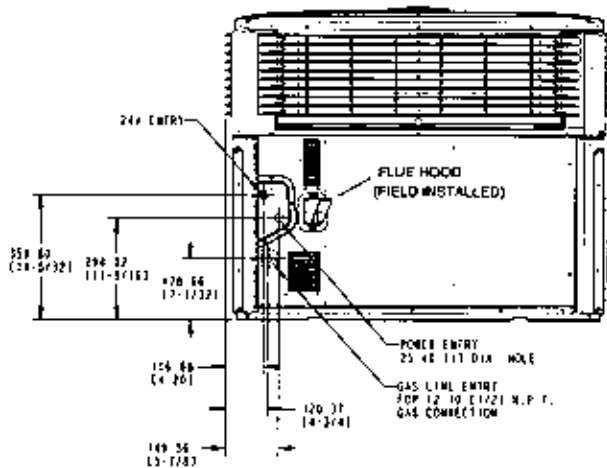
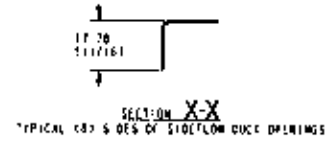


**For information on Roof Curbs and Roof Curb Adaptors, please refer to the Accessories/Information Tab.**

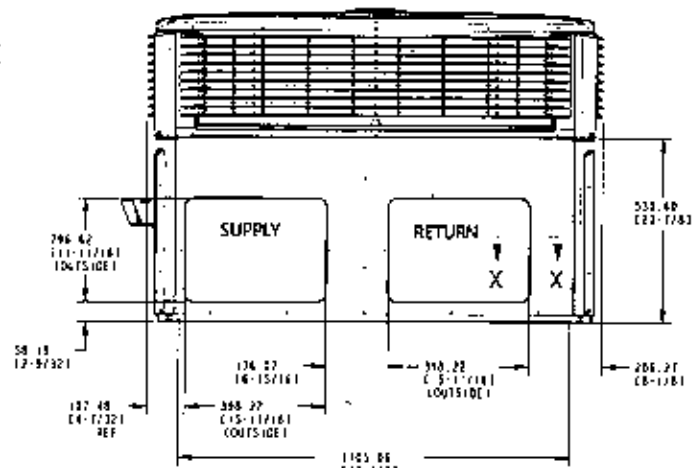
### 2/4YCX3018A through 2/4YCX3036A

RECOMMENDED SERVICE CLEARANCE			
		WITH ECONOMIZER	WITH 2 POS. DAMPER
BACK SIDE	304.8 (12)	-	609.6 (24)
LEFT SIDE	914.8 (36)	1066.8 (42)	-
RIGHT SIDE	1066.8 (42)	-	-
FRONT SIDE	1066.8 (42)	-	-

CLEARANCE TO COMBUSTIBLE MATERIAL	
BOTTOM	0
BACK SIDE	25.4 (1)
LEFT SIDE	152.4 (6)
RIGHT SIDE	152.4 (6)
FRONT SIDE	304.8 (12)
TOP	51.4 (2)



RIGHT SIDE



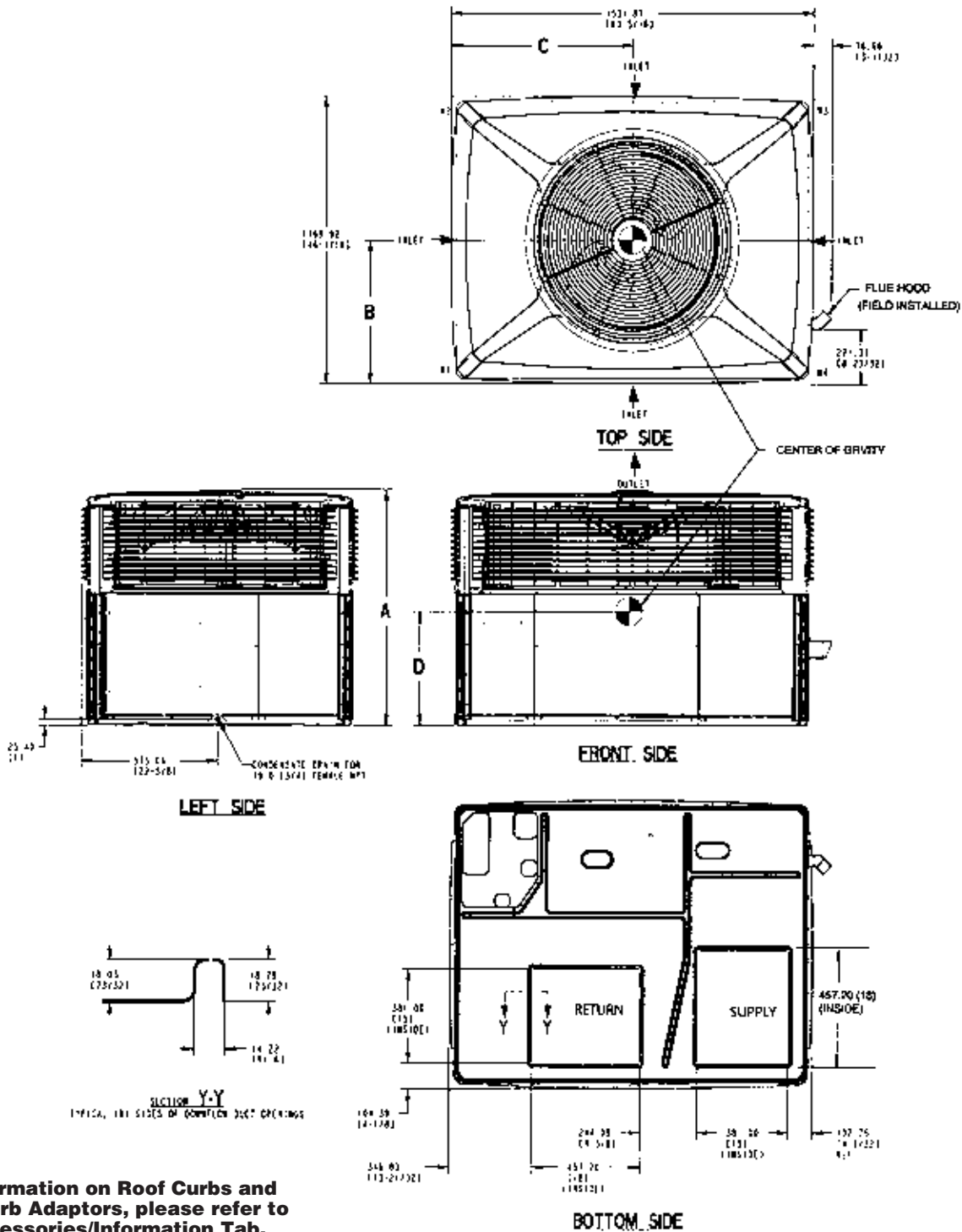
BACK SIDE

MODEL	H.C.G.W.	APPROX. CORNER HEIGHT - KG/IBS				TOTAL WEIGHT KG/IBS	CENTER OF GRAVITY	
		B1	B2	B3	B4		B	C
4YCX018 (240)	903.29 [35-9/16]	37 [81]	58 [128]	46 [102]	29 [65]	170 [375]	635 [25.0]	546.1 [21.5]
2YCX024 (240)		36 [80]	58 [127]	46 [102]	29 [64]	170 [374]	635 [25.0]	546.1 [21.5]
2YCX024 (254)		37 [81]	58 [129]	49 [107]	31 [68]	175 [385]	635 [25.0]	558.8 [22.0]
2YCX024 (240)		36 [79]	57 [125]	47 [104]	30 [66]	169 [374]	635 [25.0]	558.8 [22.0]
2YCX030 (1064/113)		37 [81]	58 [128]	49 [107]	31 [68]	174 [385]	635 [25.0]	558.8 [22.0]
2YCX036 (1064/113)		38 [78]	59 [130]	49 [109]	30 [65]	174 [383]	647.7 [25.5]	558.8 [22.0]
2YCX036 (1096)		36 [80]	60 [132]	50 [111]	30 [66]	176 [389]	647.7 [25.5]	558.8 [22.0]
4YCX036 (1064/113)		36 [80]	61 [133]	51 [111]	30 [67]	178 [392]	647.7 [25.5]	558.8 [22.0]
4YCX036 (1096)		37 [81]	61 [135]	51 [113]	31 [68]	180 [397]	647.7 [25.5]	558.8 [22.0]

For information on Roof Curbs and Roof Curb Adaptors, please refer to the Accessories/Information Tab.

# Package Gas/Electric Convertible 1½ through 5 Tons

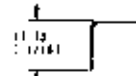
2/4YCX3042A through 2/4YCX3060A



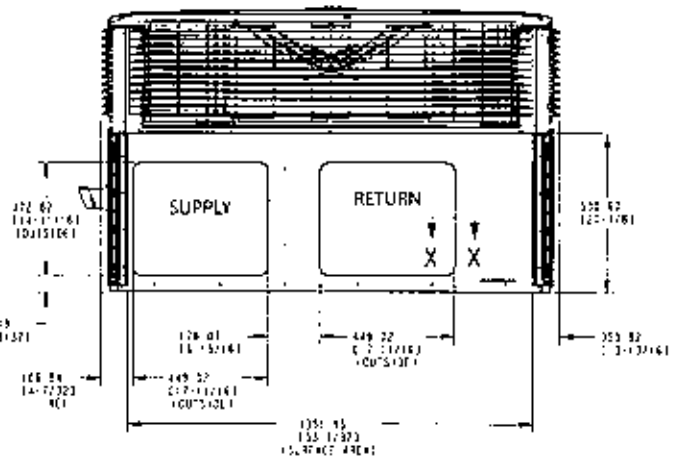
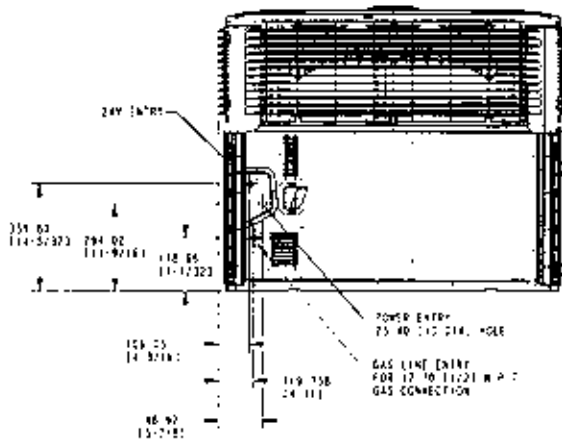
### 2/4YCX3042A through 2/4YCX3060A

RECOMMENDED SERVICE CLEARANCE			
		WITH 0 X DAMPER/SCREEN	WITH 2 POS. DAMPER
BACK SIDE	304.8 (12)	-	408.8 (16)
LEFT SIDE	914.4 (36)	1066.8 (42)	-
RIGHT SIDE	1066.8 (42)	-	-
FRONT SIDE	1066.8 (42)	-	-

CLEARANCE TO COMBUSTIBLE MATERIAL	
BOTTOM	5
BACK SIDE	75 x 611
LEFT SIDE	157.4 (16)
RIGHT SIDE	157.4 (16)
FRONT SIDE	304.8 (12)
TOP	914.4 (36)



SECTION X-X  
TYPICAL CURB SIDES OF SIDEFLOW DUCT OPENINGS

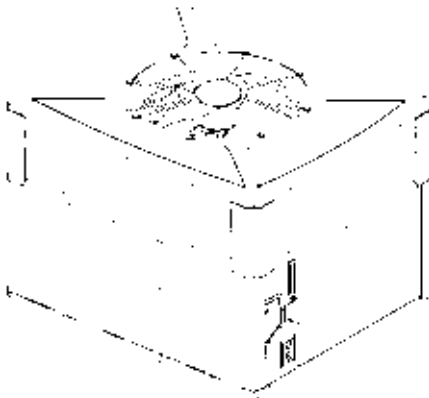


MODEL	HEIGHT	APPROX. CURB WEIGHT - LBS.				TOTAL WEIGHT - LBS.	CENTER OF GRAVITY	
		#1	#2	#3	#4		B	C
2/4YCX3042A	954.10 [37-9/16]	45 [99]	67 [149]	61 [134]	41 [89]	214 [471]	668.02 [26.3]	698.5 [27.5]
2/4YCX3042B		45 [99]	67 [149]	61 [134]	41 [89]	214 [471]	668.02 [26.3]	698.5 [27.5]
2/4YCX3042C	954.10 [37-9/16]	46 [101]	69 [151]	62 [136]	41 [94]	217 [479]	668.02 [26.3]	698.5 [27.5]
2/4YCX3042D		51 [111]	76 [167]	68 [150]	45 [100]	239 [528]	668.02 [26.3]	698.5 [27.5]
2/4YCX3042E	954.10 [37-9/16]	51 [113]	77 [169]	69 [152]	45 [102]	243 [535]	668.02 [26.3]	698.5 [27.5]
2/4YCX3042F		52 [114]	77 [171]	70 [154]	47 [103]	245 [541]	668.02 [26.3]	698.5 [27.5]
2/4YCX3042G	954.10 [37-9/16]	49 [109]	74 [163]	67 [147]	45 [98]	235 [517]	668.02 [26.3]	698.5 [27.5]
2/4YCX3042H		50 [111]	75 [166]	68 [149]	45 [100]	238 [525]	668.02 [26.3]	698.5 [27.5]
2/4YCX3042I	954.10 [37-9/16]	51 [112]	76 [167]	68 [151]	46 [101]	241 [531]	668.02 [26.3]	698.5 [27.5]
2/4YCX3042J		47 [103]	83 [120]	77 [170]	43 [96]	249 [550]	711.2 [28.0]	711.2 [28.0]
2/4YCX3042K	1055.70 [41-9/16]	47 [104]	83 [184]	78 [171]	44 [97]	252 [556]	711.2 [28.0]	711.2 [28.0]
2/4YCX3042L	1004.90 [39-9/16]	46 [101]	81 [179]	76 [167]	43 [94]	246 [542]	711.2 [28.0]	711.2 [28.0]
2/4YCX3042M		46 [102]	82 [181]	77 [169]	43 [95]	249 [548]	711.2 [28.0]	711.2 [28.0]

For information on Roof Curbs and Roof Curb Adaptors, please refer to the Accessories/Information Tab.

# American Standard

## Package Gas/Electric Convertible 2 through 5 Tons



- All steel louvers and cabinet for rugged, long lasting protection.
- Stainless steel burners and heat exchanger for extra long life and safety.
- Quiet operation delivers great in-home comfort with minimal sound.
- Weather Beater Top contoured for great appearance and reinforced for strength.
- Appliance grade finish of durable powder paint baked on both sides of the panels.
- Exclusive **Duration™** high efficiency compressor with internal overload protection.
- High efficiency outdoor fan motor for quiet and reliable operation.
- Composite **Vortica®** blower provides better airflow and less sound while using less energy.
- **Spine Fin™** outdoor coil for long lasting performance and durability.
- Right side electrical service for high and low voltage lines.
- Rugged steel basepan features deep drawn duct connections and emergency drains.
- Steeply sloped composite drainpan will empty fast and never rust.
- Ships in horizontal configuration and converts quickly for downflow.
- Complete set of customized electric heaters designed for all models. Features a polarized plug for easy installation.
- Optional filter rack kits fit inside the unit. Available for 1" or 2" media.
- Non-bleed expansion valves on indoor and outdoor coils.
- Direct drive 2 and 3 speed indoor blower motors.
- Pressure taps easily accessed and protected inside compressor compartment.
- Easy access liquid line tap inside compressor compartment.
- Standard operation to 55°F as manufactured.
- Low ambient cooling to 0°F with kit.
- UL approved and listed.
- **10 year heat exchanger, 5 year compressor and coil and 5 year other parts limited warranty. (Residential Use Only)**
- **Optional extended warranty.**

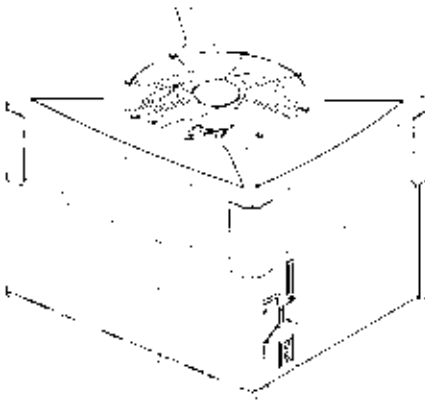
**Table PG-7-A — 2YCC - Triumph® 13 - Convertible Package Gas/Electric - R-22**

Model Number	Capacity	SEER/EER	AFUE (%) HSPF	Shipping Weight	MCA	Max Fuse	Sound Rating	Cabinet Dimensions (in.) H x W x L
<b>2YCC – 208/230/1/60</b>								
2YCC3024A1040A	23,000	13.00/11.00	80	470	13.3	20	74	36 x 49 x 41
2YCC3024A1064A	23,000	13.00/11.00	80	481	13.3	20	74	36 x 49 x 41
2YCC3030A1040A	28,000	13.00/11.00	80	470	16.3	25	74	36 x 49 x 41
2YCC3030A1064A	28,000	13.00/11.00	80	481	16.3	25	74	36 x 49 x 41
2YCC3030A1075A	28,000	13.00/11.00	79.4	481	16.3	25	74	36 x 49 x 41
2YCC3036A1064A	35,000	13.00/11.00	80	479	23.0	35	76	36 x 49 x 41
2YCC3036A1075A	35,000	13.00/11.00	80	479	23.0	35	76	36 x 49 x 41
2YCC3036A1096A	35,000	13.00/11.00	80	485	23.0	35	76	36 x 49 x 41
2YCC3042A1064A	40,000	13.00/11.00	80	599	24.5	40	78	38 x 59 x 44
2YCC3042A1075A	40,000	13.00/11.00	80	599	24.5	40	78	38 x 59 x 44
2YCC3042A1096A	40,000	12.20/11.00	80	607	24.5	40	78	38 x 59 x 44
2YCC3048A1075A	47,000	13.00/11.00	80	656	29.0	45	77	38 x 59 x 44
2YCC3048A1096A	47,000	13.00/11.00	80	663	29.0	45	77	38 x 59 x 44
2YCC3048A1120A	47,000	13.00/11.00	80	669	29.0	45	77	38 x 59 x 44
2YCC3060A1096A	58,000	13.00/11.00	80	678	40.4	60	76	42 x 59 x 44
2YCC3060A1120A	58,000	13.00/11.00	80	684	40.4	60	76	42 x 59 x 44

**For information on Roof Curbs and Roof Curb Adaptors, please refer to the Accessories/Information Tab.**

# American Standard

## Package Gas/Electric Convertible 1½ through 5 Tons



- All steel louvers and cabinet for rugged, long lasting protection.
- Stainless steel burners and heat exchanger for extra long life and safety.
- Quiet operation delivers great in-home comfort with minimal sound.
- Weather Beater Top contoured for great appearance and reinforced for strength.
- Appliance grade finish of durable powder paint baked on both sides of the panels.
- Exclusive **Duration™** high efficiency compressor with internal overload protection.
- High efficiency outdoor fan motor for quiet and reliable operation.
- Composite **Vortica®** blower provides better airflow and less sound while using less energy.
- **Spine Fin™** outdoor coil for long lasting performance and durability.
- Right side electrical service for high and low voltage lines.
- Rugged steel basepan features deep drawn duct connections and emergency drains.
- Steeply sloped composite drainpan will empty fast and never rust.
- Ships in horizontal configuration and converts quickly for downflow.
- Complete set of customized electric heaters designed for all models. Features a polarized plug for easy installation.
- Optional filter rack kits fit inside the unit. Available for 1" or 2" media.
- Non-bleed expansion valves on indoor and outdoor coils.
- Direct drive 2 and 3 speed indoor blower motors.
- Pressure taps easily accessed and protected inside compressor compartment.
- Easy access liquid line tap inside compressor compartment.
- Standard operation to 55°F as manufactured.
- Low ambient cooling to 0°F with kit.
- UL approved and listed.
- **10 year heat exchanger, 5 year compressor and coil and 5 year other parts limited warranty. (Residential Use Only)**
- **Optional extended warranty.**

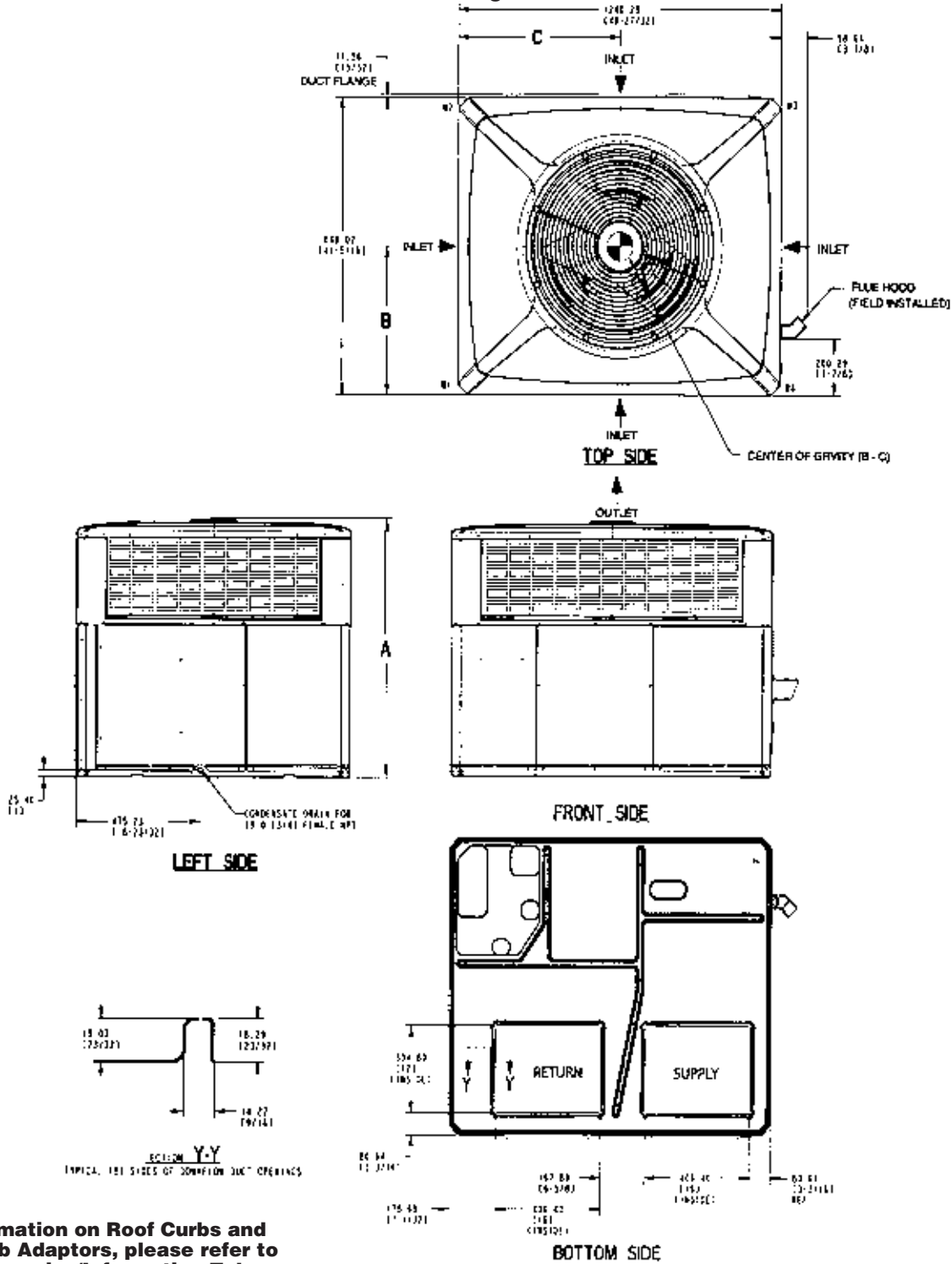
**Table PG-8-A — 4YCC - Triumph® 13 - Convertible Package Gas/Electric - R-410A**

Model Number	Capacity	SEER/EER	AFUE (%) HSPF	Shipping Weight	MCA	Max Fuse	Sound Rating	Cabinet Dimensions (in.) H x W x L
<b>4YCC – 208/230/1/60</b>								
4YCC3018A1040A	18,000	13.00/11.00	79.8	471	10.1	15	74	36 x 49 x 41
4YCC3036A1064A	35,000	13.00/11.00	80	488	23.6	35	75	36 x 49 x 41
4YCC3036A1075A	35,000	13.00/11.00	80	488	23.6	35	75	36 x 49 x 41
4YCC3036A1096A	35,000	13.00/11.00	80	493	23.6	35	75	36 x 49 x 41
4YCC3048A1075A	46,500	13.00/11.00	80	645	31.5	50	80	38 x 59 x 44
4YCC3048A1096A	46,500	13.00/11.00	80	653	31.5	50	80	38 x 59 x 44
4YCC3048A1120A	46,500	13.00/11.00	80	659	31.5	50	80	38 x 59 x 44
4YCC3060A1096A	58,000	13.00/10.95	80	670	43.3	60	79	40 x 59 x 44
4YCC3060A1120A	58,000	13.00/10.95	80	676	43.3	60	79	40 x 59 x 44
<b>4YCC – 208/230/3/60</b>								
4YCC3036A3064A	35,000	13.00/11.00	80	488	18.5	30	75	36 x 49 x 41
4YCC3036A3075A	35,000	13.00/11.00	80	488	18.5	30	75	36 x 49 x 41
4YCC3036A3096A	35,000	13.00/11.00	80	493	18.5	30	75	36 x 49 x 41
4YCC3048A3075A	46,500	13.00/11.00	80	645	24.0	35	80	38 x 59 x 44
4YCC3048A3096A	46,500	13.00/11.00	80	653	24.0	35	80	38 x 59 x 44
4YCC3048A3120A	46,500	13.00/11.00	80	659	24.0	35	80	38 x 59 x 44
4YCC3060A3096A	58,000	13.00/10.95	80	670	31.5	50	79	40 x 59 x 44
4YCC3060A3120A	58,000	13.00/10.95	80	676	31.5	50	79	40 x 59 x 44
<b>4YCC – 460/3/60</b>								
4YCC3036A4064A	35,000	13.00/11.00	80	488	8.7	15	75	36 x 49 x 41
4YCC3036A4075A	35,000	13.00/11.00	80	488	8.7	15	75	36 x 49 x 41
4YCC3036A4096A	35,000	13.00/11.00	80	493	8.7	15	75	36 x 49 x 41
4YCC3048A4075A	46,500	13.00/11.00	80	645	11.7	15	80	38 x 59 x 44
4YCC3048A4096A	46,500	13.00/11.00	80	653	11.7	15	80	38 x 59 x 44
4YCC3048A4120A	46,500	13.00/11.00	80	659	11.7	15	80	38 x 59 x 44
4YCC3060A4096A	58,000	13.00/10.95	80	678	19.3	25	79	40 x 59 x 44
4YCC3060A4120A	58,000	13.00/10.95	80	684	19.3	25	79	40 x 59 x 44

**For information on Roof Curbs and Roof Curb Adaptors, please refer to the Accessories/Information Tab.**

# Package Gas/Electric Convertible 1½ through 5 Tons

2/4YCC3018A through 2/4YCC3036A



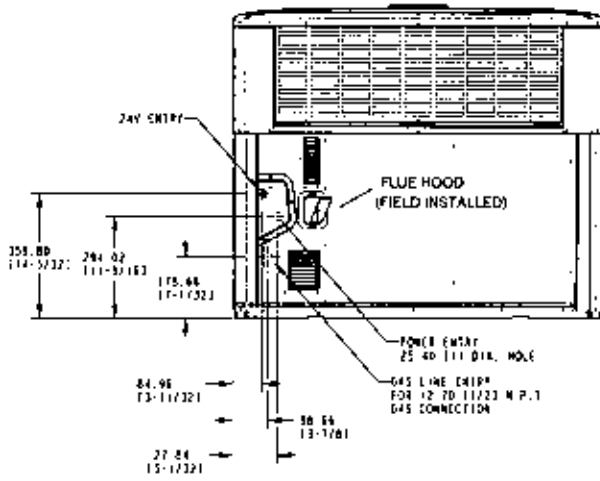
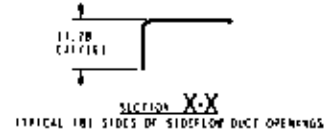
**For information on Roof Curbs and Roof Curb Adaptors, please refer to the Accessories/Information Tab.**



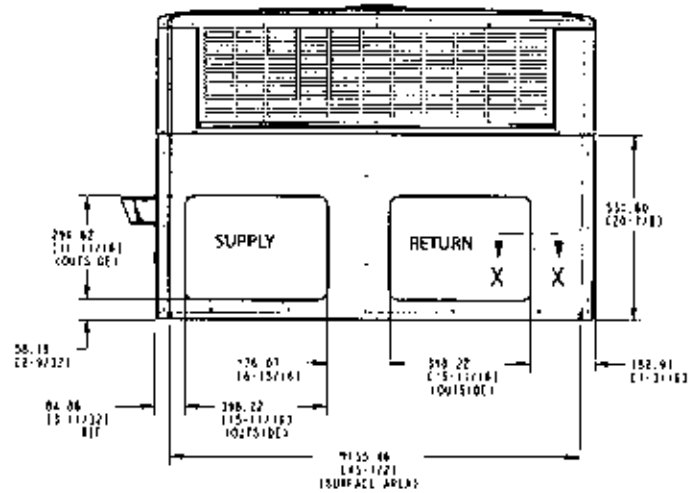
### 2/4YCC3018A through 2/4YCC3036A

RECOMMENDED SERVICE CLEARANCE			
		WITH ECONOMIZER	WITH 2 POS. DAMPER
BACK SIDE	904.8 (32)	-	699.6 (24)
LEFT SIDE	814.4 (36)	1069.8 (42)	-
RIGHT SIDE	1068.8 (42)	-	-
FRONT SIDE	1068.8 (42)	-	-

CLEARANCE TO COMBUSTIBLE MATERIAL	
BOTTOM	0
BACK SIDE	25.4 (1)
LEFT SIDE	152.4 (6)
RIGHT SIDE	152.4 (6)
FRONT SIDE	304.8 (12)
TOP	814.4 (36)



RIGHT SIDE



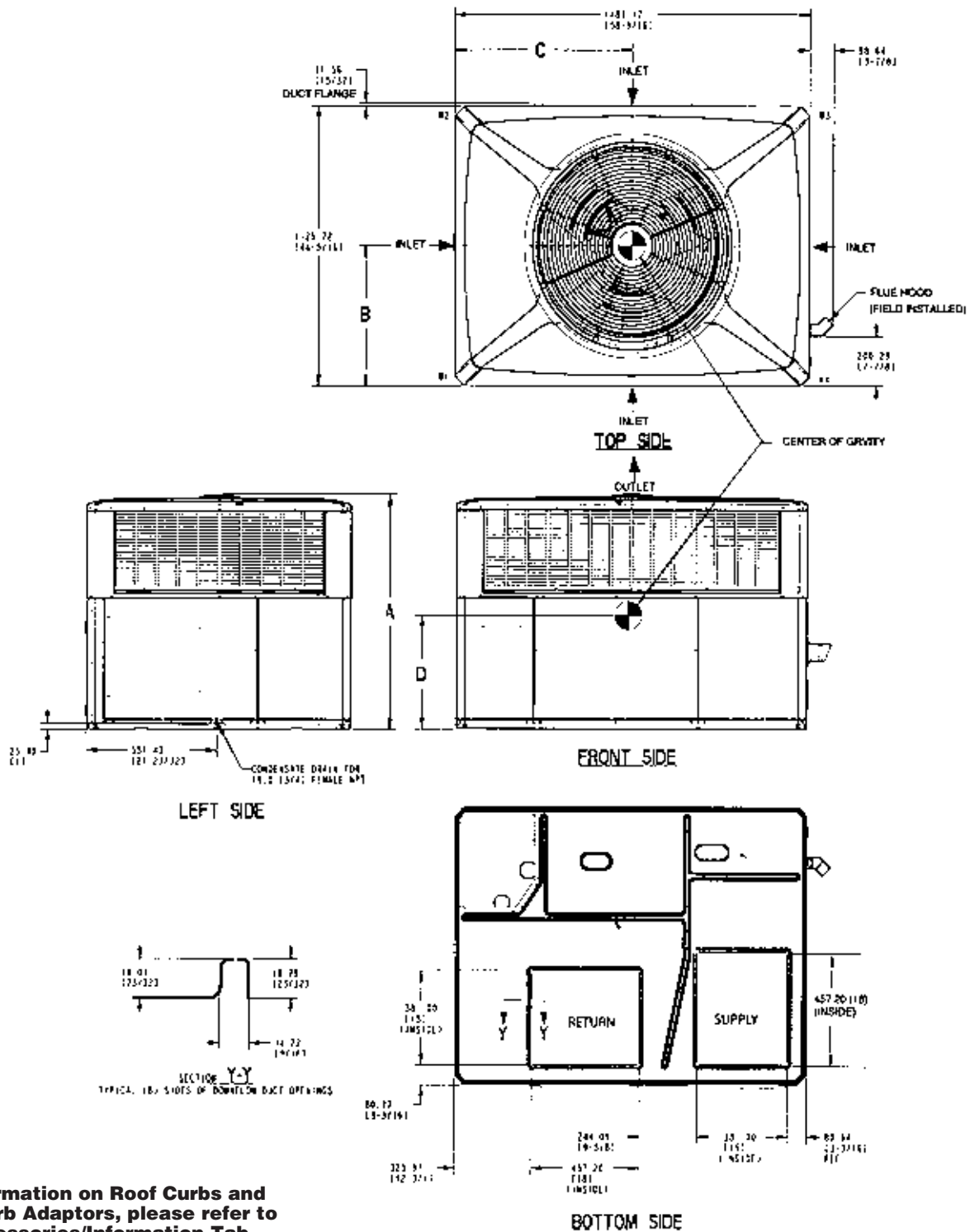
BACK SIDE

MODEL	HEIGHT A	APPROX. CORNER WEIGHT - KG/BS				TOTAL WEIGHT KG/BS	CENTER OF GRAVITY	
		W1	W2	W3	W4		B	C
4YCC3018 (340)	903.29 [35-9/16]	37 [81]	58 [128]	46 [102]	29 [65]	170 [375]	635 [25.0]	546.1 [21.5]
7YCC3024 (340)		38 [80]	58 [127]	46 [102]	29 [64]	170 [374]	635 [25.0]	546.1 [21.5]
2YCC3028 (340)		37 [81]	58 [129]	49 [107]	31 [68]	175 [385]	635 [25.0]	558.8 [22.0]
2YCC3030 (340)		36 [79]	57 [125]	47 [104]	30 [66]	168 [374]	635 [25.0]	558.8 [22.0]
2YCC3036 (340)		37 [81]	58 [128]	49 [107]	31 [68]	174 [385]	635 [25.0]	558.8 [22.0]
2YCC3036 (340)		36 [78]	59 [130]	49 [109]	30 [65]	174 [383]	647.7 [25.5]	558.8 [22.0]
2YCC3036 (340)		38 [80]	60 [132]	50 [111]	30 [66]	176 [389]	647.7 [25.5]	558.8 [22.0]
4YCC3036 (340)		36 [80]	61 [133]	51 [111]	30 [67]	178 [392]	647.7 [25.5]	558.8 [22.0]
4YCC3036 (340)		37 [81]	61 [135]	51 [113]	31 [68]	180 [397]	647.7 [25.5]	558.8 [22.0]

For information on Roof Curbs and Roof Curb Adaptors, please refer to the Accessories/Information Tab.

# Package Gas/Electric Convertible 1½ through 5 Tons

2/4YCC3042A through 2/4YCC3060A

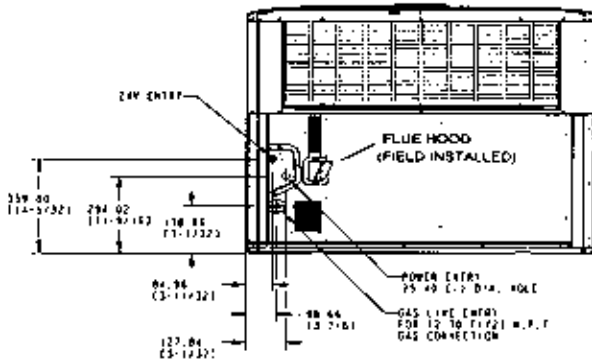
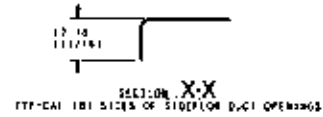


**For information on Roof Curbs and Roof Curb Adaptors, please refer to the Accessories/Information Tab.**

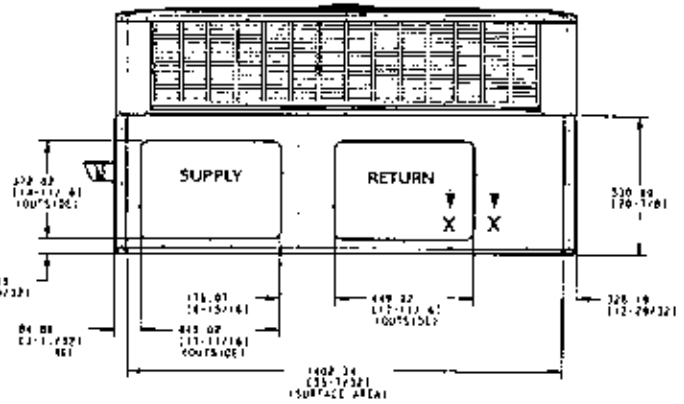
2/4YCC3042A through 2/4YCC3060A

RECOMMENDED SERVICE CLEARANCE			
		WITH ECONOMIZER	WITH 2 POS. DAMPER
BACK SIDE	304.8 (12)	-	309.8 (12.4)
LEFT SIDE	914.4 (36)	1044.8 (41)	-
RIGHT SIDE	1068.8 (42)	-	-
FRONT SIDE	1068.8 (42)	-	-

CLEARANCE TO COMBUSTIBLE MATERIAL	
BOTTOM	0
BACK SIDE	25.4 (1)
LEFT SIDE	52.4 (2)
RIGHT SIDE	52.4 (2)
FRONT SIDE	52.4 (2)
TOP	81.4 (3.2)



RIGHT SIDE



BACK SIDE

MODEL	HEIGHT A	APPROX. CORNER WEIGHT - #S/LBS				TOTAL WEIGHT #S/LBS	CENTER OF GRAVITY	
		#1	#2	#3	#4		B	C
2YCC342 1064A	954.10 [37-9/18]	45 [99]	67 [149]	61 [134]	41 [89]	214 [471]	668.02 [26.3]	698.5 [27.5]
2YCC342 1075A		45 [99]	67 [149]	61 [134]	41 [89]	214 [471]	668.02 [26.3]	698.5 [27.5]
2YCC342 1098A		46 [101]	69 [151]	62 [136]	41 [91]	217 [479]	668.02 [26.3]	698.5 [27.5]
2YCC348 1075A	954.10 [37-9/15]	51 [111]	76 [167]	68 [150]	45 [100]	239 [528]	668.02 [26.3]	698.5 [27.5]
2YCC348 1098A		51 [113]	77 [169]	69 [152]	45 [102]	243 [535]	668.02 [26.3]	698.5 [27.5]
2YCC348 1120A		52 [114]	77 [171]	70 [154]	47 [103]	245 [541]	668.02 [26.3]	698.5 [27.5]
4YCC348 1075A		49 [109]	74 [163]	67 [147]	45 [98]	235 [517]	668.02 [26.3]	698.5 [27.5]
4YCC348 1098A		50 [111]	75 [166]	68 [149]	45 [100]	238 [525]	668.02 [26.3]	698.5 [27.5]
4YCC348 1120A		51 [112]	76 [167]	68 [151]	45 [101]	241 [531]	668.02 [26.3]	698.5 [27.5]
2YCC340 1098A	1055.70 [41-9/16]	47 [103]	83 [180]	77 [170]	43 [96]	249 [550]	711.2 [28.0]	711.2 [28.0]
2YCC340 1120A		47 [104]	83 [184]	78 [171]	44 [97]	252 [556]	711.2 [28.0]	711.2 [28.0]
4YCC340 1098A	1004.90 [39-9/16]	46 [101]	81 [179]	76 [167]	43 [94]	246 [542]	711.2 [28.0]	711.2 [28.0]
4YCC340 1120A		46 [102]	82 [181]	77 [169]	43 [95]	249 [548]	711.2 [28.0]	711.2 [28.0]

For information on Roof Curbs and Roof Curb Adaptors, please refer to the Accessories/Information Tab.



# Package Gas/Electric Convertible 1½ through 5 Tons

Table PG-13-A — Accessories

	2YCX 2-5	4YCX 1½-5	2YCC 2-5	4YCC 1½-5
BAYADAP050A ..... Adapter Curb (Cabinet A/B) .....	1½-3	1½-3	1½-3	1½-3
BAYADAP051A ..... Adapter Curb (Cabinet C) .....	1½-3	1½-3	1½-3	1½-3
BAYADAP052A ..... Adapter Curb (Cabinet A/B) .....	3½-5	3½-5	3½-5	3½-5
BAYADAP053A ..... Adapter Curb (Cabinet C) .....	3½-5	3½-5	3½-5	3½-5
BAYADAP054A ..... Adapter Curb (Cabinet D) .....	3½-5	3½-5	3½-5	3½-5
BAYCCHT101A ..... Crankcase Heater (230v) .....	2-2½, 3½-4	1½	2-2½, 3½-4	1½
BAYCCHT102A ..... Crankcase Heater (230v) .....	3	3,4,5	3	3,4,5
BAYCCHT104A ..... Crankcase Heater (460v) .....	—	3,4,5	—	3,4,5
BAYCOVR112A ..... 12" Duct Shroud (Covers Horizontal Ducts)Ⓢ	1½-5	1½-5	1½-5	1½-5
BAYCOVR118A ..... 18" Duct Shroud (Covers Horizontal Ducts)Ⓢ	1½-5	1½-5	1½-5	1½-5
BAYCURB050A ..... Flat Roof Curb (Insulated)Ⓢ	1½-3	1½-3	1½-3	1½-3
BAYCURB051A ..... Flat Roof Curb (Insulated)Ⓢ	3½-5	3½-5	3½-5	3½-5
BAYDMPR101A ..... Motorized Fresh Air DamperⓈ	1½-3	1½-3	1½-3	1½-3
BAYDMPR102A ..... Motorized Fresh Air DamperⓈ	3½-5	3½-5	3½-5	3½-5
BAYECON101A ..... Economizer with Barometric ReliefⓈⓈⓈ	1½-3	1½-3	1½-3	1½-3
BAYECON102A ..... Economizer with Barometric ReliefⓈⓈⓈ	3½-5	3½-5	3½-5	3½-5
BAYECON200A ..... Economizer (Horizontal)ⓈⓈ	1½-3	1½-3	1½-3	1½-3
BAYECON201A ..... Economizer (Horizontal)ⓈⓈ	3 ½-5	3 ½-5	3 ½-5	3 ½-5
BAYENTH100A ..... Enthalpy Control KitⓈ	✓	✓	✓	✓
BAYEXMK001A ..... Extreme Conditions Mounting Kit (Used on BAYCURB & BAYADAP) .....	✓	✓	✓	✓
BAYEXMK002A ..... Extreme Conditions Mounting Kit (Used on BAYUTIL) .....	✓	✓	✓	✓
BAYEXMK003A ..... Extreme Conditions Mounting Kit (Used on Slab Mounts) .....	✓	✓	✓	✓
BAYFLTR101A ..... 1-2" Filter Frame (20x20 filter not included)Ⓢ	1½-3	1½-3	1½-3	1½-3
BAYFLTR201A ..... 1-2" Filter Frame (20x20, 20x18 filters not included)Ⓢ	3½-5	3½-5	3½-5	3½-5
BAYLIFT002BA ..... Lifting Lug Kit .....	✓	✓	✓	✓
BAYLOAM011A ..... Evaporator Defrost Control Kit .....	✓	✓	✓	✓
BAYLOAM105A ..... Head Pressure Control .....	✓	✓	✓	✓
BAYLPKT100A ..... LP Conversion Kit .....	40K,120K	40K,120K	40K,120K	40K,120K
BAYLPKT101A ..... LP Conversion Kit .....	64K, 96K	64K, 96K	64K, 96K	64K, 96K
BAYLPKT102A ..... LP Conversion Kit .....	75K	75K	75K	75K
BAYOSAH001A ..... Manual Fresh Air DamperⓈ	1½-3	1½-3	1½-3	1½-3
BAYOSAH002A ..... Manual Fresh Air DamperⓈ	3½-5	3½-5	3½-5	3½-5
BAYQSTK301A ..... Quick Start Kit .....	✓	✓	✓	✓
BAYSQRD001A ..... 16" Round Duct AdapterⓈ	1½-3	1½-3	1½-3	1½-3
BAYSQRD002A ..... 18" Round Duct AdapterⓈ	1½-5	1½-5	1½-5	1½-5
BAYUTIL101A ..... Roof Curb Utility Extension Kit .....	1½-3	1½-3	1½-3	1½-3
BAYUTIL102A ..... Roof Curb Utility Extension Kit .....	3½-5	3½-5	3½-5	3½-5

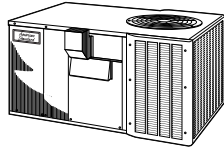
- Ⓢ Must use filter frame when economizer/fresh air kit is used.
- Ⓢ Ships knocked down.
- Ⓢ Dry bulb control standard with economizer.
- Ⓢ Downflow Only.
- Ⓢ Full perimeter curb for 2/4YC\*3018-036A.
- Ⓢ Full perimeter curb for 2/4YC\*3042-060A.
- Ⓢ 2-Stage thermostat provides additional energy savings if simultaneous economizer and compressor operation is expected.
- Ⓢ Do not use with programmable thermostats.
- Ⓢ It is the responsibility of the installing dealer to properly size the ductwork for each specific application.
- Ⓢ BAYCOVR112,118A will not cover BAYSQRD002A applications

**For information on Roof Curbs and Roof Curb Adaptors,  
please refer to the Accessories/Information Tab.**

# American Standard

## Package Gas/Electric Convertible 1½ through 5 Tons

YCZ – 16 SEER  
YCY – 14 SEER



YCX – 12 SEER

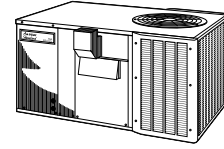


Table PG-14-A — YCZ – Convertible Package Gas/Electric

Unit Model No.	SEER/EER*	Cooling Capacity (Btuh)	Heating Output Capacity (Btuh)	AFUE%	Cabinet Dimensions (in.) H x W x L	Supply/Return Downflow W x L	Supply/Return Horizontal H x W	Shipping Weight (lbs.)	MCA*	Max. Fuse*	Sound Rating	Comp.
<b>YCZ – 208-230/1/60</b>		<b>Stage 1 - Stage 2</b>										
YCZ036F1M0B	16.05/12.00	36,000	45,000–57,000	80	29 x 36 x 64 (C)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	588	27.1	40	80	R1/2
YCZ050F1H0A	16.00/11.60	51,000	73,000–95,500	80	33 x 45 x 65 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	693	32	40	82	R1
YCZ060F1M0B	15.20/11.00	59,000	72,000–96,000	80	33 x 45 x 65 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	723	43.5	70	84	R1/2
<b>YCZ – 208-230/3/60</b>		<b>Stage 1 - Stage 2</b>										
YCZ036F3M0B	16.05/12.00	36,000	45,000–57,000	80	29 x 36 x 64 (C)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	588	19.6	30	80	R1/2
YCZ050F3H0A	16.00/11.60	51,000	73,000–95,500	80	33 x 45 x 65 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	693	26	30	82	R1
YCZ060F3M0B	15.20/11.00	59,000	72,000–96,000	80	33 x 45 x 65 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	723	30.9	45	84	R1/2
<b>YCZ – 460/3/60</b>		<b>Stage 1 - Stage 2</b>										
YCZ036F4M0A	15.60	36,000	45,000–57,000	80	29 x 36 x 64 (C)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	613	11.4	15	80	R1/2
YCZ050F4H0A	14.00	51,000	73,000–95,500	80	33 x 45 x 65 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	718	15.1	20	82	R1
YCZ060F4M0A	14.85	59,000	72,000–96,000	80	33 x 45 x 65 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	748	20.3	30	82	R1/2

Table PG-14-B — YCY – Convertible Package Gas/Electric

Unit Model No.	SEER/EER*	Cooling Capacity (Btuh)	Heating Output Capacity (Btuh)	AFUE%	Cabinet Dimensions (in.) H x W x L	Supply/Return Downflow W x L	Supply/Return Horizontal H x W	Shipping Weight (lbs.)	MCA*	Max. Fuse*	Sound Rating	Comp.
<b>YCY – 208-230/1/60</b>		<b>Stage 1 - Stage 2</b>										
YCY024G1L0A	14.00/12.00	24,000	30,000–37,000	80	29 x 36 x 64 (C)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	444	15.9	25	80	R1
YCY024G1M0A	14.00/12.00	24,000	44,000–53,000	80	29 x 36 x 64 (C)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	455	15.9	25	80	R1
YCY030G1L0A	13.00/11.00	30,600	31,000–38,000	80	29 x 36 x 64 (C)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	474	21.4	30	80	R2
YCY030G1M0A	13.00/11.00	30,600	44,000–55,000	80	29 x 36 x 64 (C)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	485	21.4	30	80	R2
YCY036G1M0A	14.00/12.00	36,000	45,000–57,000	80	29 x 36 x 64 (C)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	508	24.8	40	80	R2
YCY036G1H0A	14.00/12.00	36,000	61,000–72,000	80	29 x 36 x 64 (C)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	513	24.8	40	80	R2
YCY042G1M0A	14.00/11.70	41,500	65,000–78,000	80	29 x 36 x 64 (C)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	513	26.7	40	80	R2
YCY048G1H0A	14.40/12.20	49,000	73,000–95,500	80	33 x 45 x 65 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	639	32.7	45	84	R2
YCY060G1M0A	13.00/11.00	61,000	72,000–96,000	80	33 x 45 x 65 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	659	46.8	70	84	S

Table PG-14-C — YCX – Convertible Package Gas/Electric

Unit Model No.	SEER/EER*	Cooling Capacity (Btuh)	Heating Output Capacity (Btuh)	AFUE%	Cabinet Dimensions (in.) H x W x L	Supply/Return Downflow W x L	Supply/Return Horizontal H x W	Shipping Weight (lbs.)	MCA*	Max. Fuse*	Sound Rating	Comp.
<b>YCX – 208-230/1/60</b>												
YCX024G1L0B	12.00/10.50	24,500	30,000-38,000	80	25 x 36 x 56 (A/B)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	380	15.6	25	80	R1
YCX024G1M0B	12.00/10.50	24,500	46,000-57,000	80	29 x 36 x 56 (A/B)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	397	15.6	25	80	R1
YCX030G1L0A	12.05/10.90	30,600	30,000-38,000	80	29 x 36 x 56 (B)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	396	20.3	30	80	S
YCX030G1M0A	12.05/10.90	30,600	44,000-56,000	80	29 x 36 x 56 (B)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	403	20.3	30	80	S
YCX036G1L0A	12.05/10.50	37,000	32,000-39,000	80	29 x 36 x 56 (B/C)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	412	24.0	40	80	S
YCX036G1M0A	12.05/10.50	37,000	48,000-57,000	80	29 x 36 x 56 (B/C)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	419	24.0	40	80	S
YCX036G1H0A	12.05/10.50	37,000	60,000-76,000	80	29 x 36 x 64 (B/C)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	440	24.0	40	80	S
YCX042G1M0A	12.05/10.55	43,000	60,000-76,000	80	29 x 36 x 64 (C)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	454	27.9	45	80	S
YCX048G1H0A	12.50/11.45	48,000	78,000-95,000	80	33 x 45 x 65 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	582	31.1	45	84	S
YCX060G1M0A	12.05/10.55	61,500	80,000-97,000	80	33 x 45 x 65 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	609	43.7	70	84	S

Ⓞ Low/High output - Unit ships standard high heat configuration. Low-fire operation requires optional BAYLOFR001-007 kit.

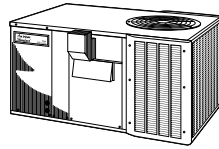
\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

Compressor Types are: R1 = Reciprocating One Cylinder, R2 = Reciprocating Two Cylinder, S = Scroll

**For information on Roof Curbs and Roof Curb Adaptors, please refer to the Accessories/Information Tab.**

## Package Gas/Electric Convertible 2 through 5 Tons

YCX – 12 SEER



YCP – 12 SEER

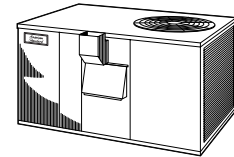


Table PG-15-A — YCX – Convertible Package Gas/Electric

Unit Model No.	SEER/EER*	Cooling Capacity (Btuh)	Heating Output <sup>①</sup> Capacity (Btuh)	AFUE%	Cabinet Dimensions (in.) H x W x L	Supply/Return Downflow W x L	Supply/Return Horizontal H x W	Shipping Weight (lbs.)	MCA*	Max. Fuse*	Sound Rating	Comp.
<b>YCX – 208-230/3/60</b>												
YCX036G3L0A	12.05/10.5	37,000	32,000-39,000	80	29 x 36 x 56 (B/C)	10 x 17 <sup>1</sup> / <sub>2</sub>	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	412	17.4	25	80	S
YCX036G3M0A	12.05/10.50	37,000	48,000-57,000	80	29 x 36 x 56 (B/C)	10 x 17 <sup>1</sup> / <sub>2</sub>	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	419	17.4	25	80	S
YCX036G3H0A	12.05/10.50	37,000	60,000-76,000	80	29 x 36 x 64 (B/C)	10 x 17 <sup>1</sup> / <sub>2</sub>	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	440	17.4	25	80	S
YCX042G3M0A	12.05/10.55	43,000	60,000-76,000	80	29 x 36 x 64 (C)	10 x 17 <sup>1</sup> / <sub>2</sub>	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	454	19.9	30	80	S
YCX048G3H0A	12.50/11.45	48,000	78,000-95,000	80	33 x 45 x 65 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	582	24.5	35	84	S
YCX060G3M0A	12.05/10.55	61,500	80,000-97,000	80	33 x 45 x 65 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	609	30.6	45	84	S
<b>YCX – 460/3/60</b>												
YCX036G4H0A	12.05/10.50	37,000	60,000-76,000	80	29 x 36 x 64 (B/C)	10 x 17 <sup>1</sup> / <sub>2</sub>	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	440	10.0	15	80	S
YCX048G4H0A	12.50/11.45	48,000	78,000-95,000	80	33 x 45 x 65 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	582	15.4	20	84	S
YCX060G4M0A	12.05/10.55	61,500	80,000-97,000	80	33 x 45 x 65 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	609	15.1	20	84	S

Table PG-15-B — YCP – Convertible Package Gas/Electric

Unit Model No.	SEER/EER*	Cooling Capacity (Btuh)	Heating Output <sup>①</sup> Capacity (Btuh)	AFUE%	Cabinet Dimensions (in.) H x W x L	Supply/Return Downflow W x L	Supply/Return Horizontal H x W	Shipping Weight (lbs.)	MCA*	Max. Fuse*	Sound Rating	Comp.
<b>YCP – 208-230/1/60</b>												
YCP024F1L0B	12.00/10.50	24,200	30,000 – 38,000	80	25 x 36 x 56 (A/B)	10 x 17 <sup>1</sup> / <sub>2</sub>	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	380	14.6	20	80	R1
YCP024F1M0B	12.00/10.50	24,000	46,000 – 57,000	80	29 x 36 x 56 (A/B)	10 x 17 <sup>1</sup> / <sub>2</sub>	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	397	14.8	20	80	R1
YCP030F1L0A	12.00/10.90	30,000	30,000 – 38,000	80	29 x 36 x 56 (A/B)	10 x 17 <sup>1</sup> / <sub>2</sub>	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	396	21.2	30	80	S
YCP030F1M0A	12.00/10.90	30,000	44,000 – 56,000	80	29 x 36 x 56 (A/B)	10 x 17 <sup>1</sup> / <sub>2</sub>	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	403	21.2	30	80	S
YCP036F1L0A	12.00/10.50	36,000	32,000 – 39,000	80	29 x 36 x 56 (B/C)	10 x 17 <sup>1</sup> / <sub>2</sub>	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	412	24.4	40	80	S
YCP036F1M0A	12.00/10.50	36,000	48,000 – 57,000	80	29 x 36 x 56 (B/C)	10 x 17 <sup>1</sup> / <sub>2</sub>	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	419	24.4	40	80	S
YCP036F1H0A	12.00/10.50	36,000	60,000 – 76,000	80	29 x 36 x 64 (B/C)	10 x 17 <sup>1</sup> / <sub>2</sub>	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	440	24.4	40	80	S
YCP042F1M0A	12.00/10.55	42,000	60,000 – 76,000	80	29 x 36 x 64 (B/C)	10 x 17 <sup>1</sup> / <sub>2</sub>	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	454	26.8	40	80	S
YCP048F1H0A	12.20/11.45	47,000	78,000 – 95,000	80	33 x 45 x 65 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	582	31.9	50	84	S
YCP060F1M0A	12.00/10.55	60,000	80,000 – 97,000	80	33 x 45 x 65 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	609	45.0	70	84	S
<b>YCP – 208-230/3/60</b>												
YCP036F3L0A	12.00/10.50	36,000	32,000 – 39,000	80	29 x 36 x 56 (B/C)	10 x 17 <sup>1</sup> / <sub>2</sub>	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	412	17.4	25	80	S
YCP036F3M0A	12.00/10.50	36,000	48,000 – 57,000	80	29 x 36 x 56 (B/C)	10 x 17 <sup>1</sup> / <sub>2</sub>	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	419	17.4	25	80	S
YCP036F3H0A	12.00/10.50	36,000	60,000 – 76,000	80	29 x 36 x 64 (B/C)	10 x 17 <sup>1</sup> / <sub>2</sub>	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	440	17.4	25	80	S
YCP042F3M0A	12.00/10.55	42,000	60,000 – 76,000	80	29 x 36 x 64 (B/C)	10 x 17 <sup>1</sup> / <sub>2</sub>	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	454	19.9	30	80	S
YCP048F3H0A	12.20/11.45	47,000	78,000 – 95,000	80	33 x 45 x 65 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	582	24.5	35	84	S
YCP060F3M0A	12.00/10.55	60,000	80,000 – 97,000	80	33 x 45 x 65 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	609	30.6	45	84	S
<b>YCP – 460/3/60</b>												
YCP036F4H0A	12.00/10.50	36,000	60,000 – 76,000	80	29 x 36 x 64 (B/C)	10 x 17 <sup>1</sup> / <sub>2</sub>	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	440	10.0	15	80	S
YCP048F4H0A	12.20/11.45	47,000	78,000 – 95,000	80	33 x 45 x 65 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	582	15.4	20	84	S
YCP060F4M0A	12.00/10.55	60,000	80,000 – 97,000	80	33 x 45 x 65 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	609	15.1	20	84	S

① Low/High output - Unit ships standard high heat configuration. Low-fire operation requires optional BAYLOFR001-007 kit.

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

Compressor Types are: R1 = Reciprocating One Cylinder, R2 = Reciprocating Two Cylinder, S = Scroll

**For information on Roof Curbs and Roof Curb Adaptors, please refer to the Accessories/Information Tab.**



*American  
Standard*

# Package Gas/Electric Convertible 1½ through 5 Tons

YCC – 10 SEER

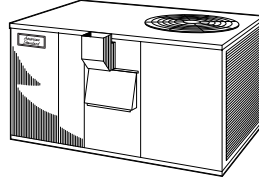


Table PG-16-A —YCC – XE 1000 Convertible Package Gas/Electric

Unit Model No.	SEER/EER*	Cooling Capacity (Btuh)	Heating Output <sup>①</sup> Capacity (Btuh)	AFUE%	Cabinet Dimensions (in.) H x W x L	Supply/Return Downflow W x L	Supply/Return Horizontal H x W	Shipping Weight (lbs.)	MCA*	Max. Fuse*	Sound Rating	Comp.
<b>YCC – 208-230/1/60</b>												
YCC018F1LOB	10.00/9.35	18,000	32,000-40,000	78	25 x 36 x 55 (A)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	341	13.2	20	80	R1
YCC024F1LOB	10.00/9.10	23,400	32,000-40,000	78	25 x 36 x 55 (A)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	350	15.7	25	80	R1
YCC030F1LOB	10.00/9.20	29,200	32,000-40,000	78	25 x 36 x 55 (A/B)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	398	20.1	30	80	R1
YCC030F1M0B	10.00/9.20	29,800	48,000-60,000	78	29 x 36 x 55 (A/B)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	398	21.3	35	80	R1
YCC036F1LOB	10.00/8.75	35,200	32,000-40,000	78	29 x 36 x 55 (B/C)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	420	25.2	40	80	R1/2
YCC036F1M0B	10.00/8.75	35,200	48,000-60,000	78	29 x 36 x 55 (B/C)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	426	25.2	40	80	R1/2
YCC036F1H0B	10.00/8.75	35,200	64,000-80,000	78	29 x 36 x 63 (B/C)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	454	25.2	40	80	R1/2
YCC042F1M0B	10.00/9.50	42,000	64,000-80,000	78	29 x 36 x 63 (C)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	454	30.2	50	80	R2
YCC048F1M0B	10.00/9.25	46,500	64,000-80,000	78	29 x 36 x 63 (C/D)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	461	33	50	80	R2
YCC048F1H0B	10.00/9.25	48,000	80,000-100,000	78	33 x 45 x 64 (C/D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	576	34.4	50	84	R2
YCC060F1M0B	10.00/9.20	60,000	80,000-100,000	78	33 x 45 x 64 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	604	43.9	70	84	R2
<b>YCC – 208-230/3/60 - LIMITED AVAILABILITY 3 PHASE ONLY, 2006.</b>												
YCC036F3LOB	10.00/8.75	35,400	32,000-40,000	78	29 x 36 x 55 (B/C)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	420	18	25	80	R1/2
YCC036F3M0B	10.00/8.75	35,400	48,000-60,000	78	29 x 36 x 55 (B/C)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	426	18	25	80	R1/2
YCC036F3H0B	10.00/8.75	35,400	64,000-80,000	78	29 x 36 x 63 (B/C)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	454	18	25	80	R1/2
YCC042F3M0B	10.00/9.50	42,000	64,000-80,000	78	29 x 36 x 63 (C)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	454	22	35	80	R2
YCC048F3M0B	10.00/9.25	46,500	64,000-80,000	78	29 x 36 x 63 (C/D)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	461	24.8	40	84	R2
YCC048F3H0B	10.00/9.25	48,000	80,000-100,000	78	33 x 45 x 64 (C/D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	576	26.8	40	84	R2
YCC060F3M0B	10.00/9.20	60,000	80,000-100,000	78	33 x 45 x 64 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	604	31	45	84	R2
<b>YCC – 460/3/60 - LIMITED AVAILABILITY 3 PHASE ONLY, 2006.</b>												
YCC036F4H0B	10.00/8.75	35,400	64,000-80,000	78	29 x 36 x 63 (B/C)	10 x 17½	18 <sup>9</sup> / <sub>16</sub> x 11 <sup>1</sup> / <sub>16</sub>	454	8	15	80	R1/2
YCC048F4H0B	10.00/9.25	48,000	80,000-100,000	78	33 x 45 x 64 (C/D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	576	12.2	15	84	R2
YCC060F4M0B	10.00/9.20	60,000	80,000-100,000	78	33 x 45 x 64 (D)	14 x 20	21 <sup>1</sup> / <sub>16</sub> x 15 <sup>1</sup> / <sub>16</sub>	604	15.6	25	84	R2

① Low/High output - Unit ships standard high heat configuration. Low-fire operation requires optional BAYLOFR001-007 kit.

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

Compressor Types are: R1 = Reciprocating One Cylinder, R2 = Reciprocating Two Cylinder, S = Scroll

**For information on Roof Curbs and Roof Curb Adaptors,  
please refer to the Accessories/Information Tab.**





# Packaged Gas/Electric Convertible 1½ through 5 Tons

Table PG-17-A — Features	YCZ 3-5 Ton	YCY-G 2-5 Ton	YCX-G 2-5 Ton	YCP-F 2-5 Ton	YCC-F 1½-5 Ton
• Coil Sav'R™ guard	✓	✓	✓	—	—
• Comfort-R™ mode option	✓	✓	—	—	—
• Duration™ Compressor (2)	✓	—	—	—	—
• Duration™ Compressor (1)	—	✓	✓	✓	✓
• Duratuff® Plate Fin coils	✓	✓	✓	✓	✓
• Aluminized steel tubular heat exchanger	✓	✓	✓	✓	✓
• Direct spark ignition	✓	✓	✓	✓	✓
• Dual firing rates (w/optional accessory)	—	—	✓	✓	✓
• GE ECM variable speed fan	✓	✓	—	—	—
• Heavy Vinyl - coated coil guard	—	—	—	—	—
• Horizontal convertible to downflow	✓	✓	✓	✓	✓
• Lite Port/Stored diagnostics	✓	✓	✓	✓	✓
• L.P. convertible	✓	✓	✓	✓	✓
• Meets California NOX (as shipped)	✓	✓	✓	✓	✓
• Multi-port in-shot burner	✓	✓	✓	✓	✓
• Two-stage cooling	✓	—	—	—	—
• Two-stage gas valve	✓	✓	—	—	—
• 5-year limited compressor only warranty (Commercial use)	✓	✓	—	—	—
• 5-year limited compressor and outdoor coil warranty (Residential use)	—	—	—	✓	✓
• 5-year limited heat exchanger warranty (Commercial use)	✓	✓	✓	✓	✓
• 5-year limited parts warranty (Residential use)	✓	✓	✓	✓	✓
• 1-year limited parts warranty (Commercial use)	✓	✓	✓	✓	✓
• 10-year limited compressor and outdoor coil warranty (Residential use)	✓	✓	✓	—	—
• 10-year limited heat exchanger warranty (Residential use)	—	—	—	✓	✓
• 20-year limited heat exchanger warranty (Residential use)	✓	✓	✓	—	—

Table PG-17-B — Comfort Controls					
ACONT200A ..... 1 Heat/1 Cool (Gas, Oil or Electric)			✓	✓	✓
ACONT401A ..... 2 Heat/1 Cool (Heat Pump/A/C)			✓	✓	✓
ACONT402A ..... 3 Heat/2 Cool (Heat Pump/A/C)			✓	✓	✓
ACONT600A ..... 1 Heat/1 Cool (Heat Pump/A/C)			✓	✓	✓
ACONT602A ..... 2 Heat/2 Cool (Heat Pump/A/C)			✓	✓	✓
ACONT800A ..... 1 Heat/1 Cool (Heat Pump/A/C)			✓	✓	✓
ACONT802A ..... 3 Heat/2 Cool (Heat Pump/A/C)			✓	✓	✓
ACONT803A ..... 3 Heat/2 Cool (Heat Pump/A/C) w/Humidity Control			✓	✓	✓
ASYSTAT300C ..... 7 Day Prog. 1-Heat/1-Cool			✓	✓	✓
ASYSTAT302C ..... 2-Stage Htg/2-Stage Clg with Economizer (Prog. Auto)			✓	✓	✓
ASYSTAT340 ..... 5/2 Prog. 1-Heat (Gas/Elec.) 1-Cool			✓	✓	✓
ASYSTAT375 ..... Electronic, 2 Heat/2 Cool Auto (Non. Prog.)			✓	✓	✓
ASYSTAT380 ..... Electronic, 2-Heat (Gas)/1Cool (Non. Prog.)			✓	✓	✓
ASYSTAT604 ..... 1-Stage Heat/Cool Vert.			✓	✓	✓
ASYSTAT605 ..... Heat/Cool (Horizontal)			✓	✓	✓
ASYSTAT606 ..... 2-Stage Htg/1-Stage Clg			✓	✓	✓
ASYSTAT610Ⓢ ..... 1-Stage Heat/Cool			✓	✓	✓
ASYSTAT611Ⓢ ..... 2-Stage Heat/Cool			✓	✓	✓
ASYSTAT616 ..... Subbase (Auto. Changeover)			✓	✓	✓
ASYSTAT625A ..... Humidity Control			✓	✓	✓
ASYSTAT705B ..... Programmable (used with BAYBASE)			✓	✓	✓
BAY28X190 ..... Locking Thermostat Cover			✓	✓	✓
BAYBASE006A ..... Used with ASYSTAT705B 2Heat/2 Cool with economizer			✓	✓	✓
BAYBASE008A ..... Used with ASYSTAT705B 1 Heat/1 Cool			✓	✓	✓
BAYCOVR100A ..... Wall Cover Plate			✓	✓	✓
TAYSENS200AⓈ ..... Outdoor Temperature Sensor (without case)			✓	✓	✓

Ⓢ Requires Subbase.  
 Ⓢ Used with ASYSTAT300C and ASYSTAT302C only.  
 \* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

**For information on Roof Curbs and Roof Curb Adaptors,  
please refer to the Accessories/Information Tab.**

**Table PG-18-A — Accessories**

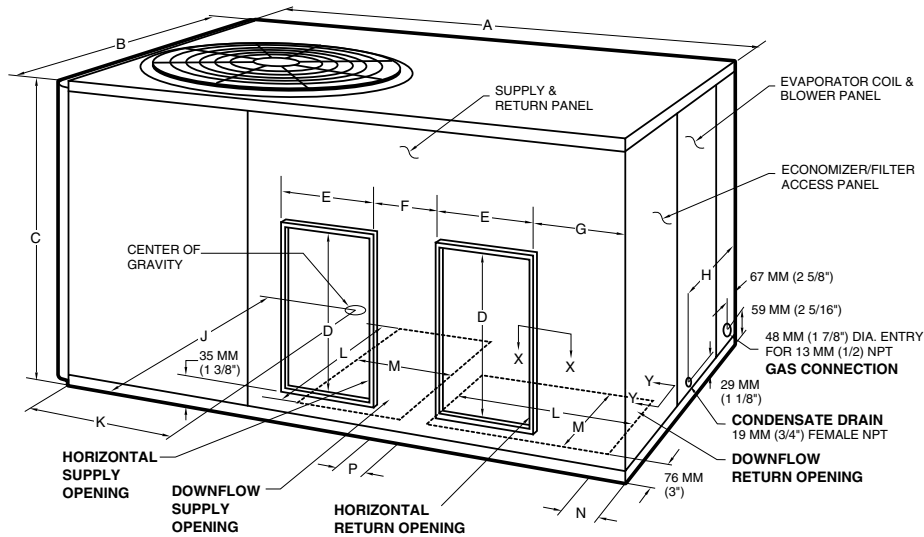
	YCZ-F 3-5	YCY-G 2-5	YCX-G 2-5	YCP-F 2-5	YCC-F 1½-5
BAYASCT001 <sup>①②</sup> ..... Anti-Short Cycle Timer .....	3-5	2-5	2-5	2-5	1½-5
BAYCCHT003A ..... Crankcase Heater (230v) <sup>①</sup> .....	—	2-3½	2	2	1½-5
BAYCCHT202A ..... Crankcase Heater (230v) .....	—	2½-5	2½-5	2½-5	—
BAYCCHT400A ..... Crankcase Heater (460v) .....	—	—	2½-5	2½-5	—
BAYCURB030A ..... Roof Curb (Flat Roof) <sup>③</sup> (14 H x 34 W x 53⅞ L) .....	3-5	3-5	2-5	2-5	1½-5
BAYCURB033A ..... Roof Curb (Flat Roof) <sup>③</sup> Acousti-Curb (14 H x 34 W x 60⅞ L) .....	3	2-3½	3½ M/H	36H-42M	3H,3½-4M
BAYCURB034A ..... Roof Curb (Flat Roof) <sup>③</sup> Acousti-Curb (14 H x 43 W x 62⅞ L) .....	4-5	4-5	4-5	4-5	4H, 5M
BAYCURB038A ..... Roof Curb (Flat Roof) <sup>③</sup> Acousti-Curb (14 H x 34 W x 53⅞ L) .....	3-5	2-5	2-5	2-5	1½-5
BAYDMPR040A ..... 0-25% Manual Fresh Air Damper (Downflow Only) <sup>②</sup> .....	3	2-3½	2-3½	2-3½	1½-4M
BAYDMPR041A ..... 0-25% Manual Fresh Air Damper (Downflow Only) <sup>②</sup> .....	4-5	4-5	4-5	4-5	4H-5M
BAYDMPR050A ..... Motorized Fresh Air Damper .....	—	—	4H-5M	4H-5M	4H-5M
BAYDUCT004A ..... 12" Round Duct Adapters (2 per Box) Horizontal Only .....	3	2-3½	2-3½	2-3½	1½-4M
BAYDUCT005A ..... 14" Round Duct Adapters (1 per Box) Horizontal Only .....	4	2-3½	2-3½	2-3½	1½-4M
BAYECMT002A ..... Extreme Conditions Mouniting Kit (Curb Mount) .....	3-5	2-5	2-5	2-5	1½-5
BAYECMT003A ..... Extreme Conditions Mouniting Kit (Slab or Rack Mount) .....	3-5	2-5	2-5	2-5	1½-5
BAYECON054B ..... 0-100% Mod. Economizer with Bar Relief – Downflow <sup>②③④</sup> .....	3	2-3½	2-3½	2-3½	1½-4M
BAYECON055B ..... 0-100% Mod. Economizer with Bar Relief – Downflow <sup>②④⑤</sup> .....	4-5	4-5	4-5	4-5	4H, 5M
BAYECON073A ..... 0-100% Mod. Economizer – Horizontal <sup>②④⑥</sup> .....	3-5	2-5	2-5	2-5	1½-5
BAYENTH001A ..... Enthalpy Control (Solid State) <sup>④</sup> .....	3-5	2-5	2-5	2-5	1½-5
BAYFLTR012A ..... Filter Frame <sup>②</sup> (20 x 25 x 1" filter not included) .....	—	—	2-3½M	2-3½M	2½M-3LM
BAYFLTR013A ..... Filter Frame <sup>②</sup> (20 x 25 x 1" filter not included) .....	3	2-3½LMH	3H-3½M	3H-3½M	3H,3½-4M
BAYFLTR014A ..... Filter Frame <sup>②</sup> (3-10 x 25 x 1" filter not included) .....	4H-5M	4H-5M	4H-5M	4H-5M	4H-5M
BAYFLTR015A ..... Filter Frame <sup>②</sup> (20 x 20 x 1" filter not included) .....	—	—	2L	2L	1½-2½L
BAYFLTR017A ..... Filter Frame <sup>②</sup> (20 x 25 x 2" filter not included) .....	—	—	2-3½M	2-3½M	2½M-3LM
BAYFLTR018A ..... Filter Frame <sup>②</sup> (20 x 25 x 2" filter not included) .....	3	2-3½LMH	3H-3½M	3H-3½M	3H-3½-4M
BAYFLTR019A ..... Filter Frame <sup>②</sup> (2-16 x 25 x 2" filter not included) .....	4H-5M	4H-5M	4H-5M	4H-5M	4H-5M
BAYGARD016A ..... Condenser Coil Guard .....	—	—	—	—	1½-2½L
BAYGARD017A ..... Condenser Coil Guard .....	—	—	—	—	3½-4M
BAYGARD018A ..... Condenser Coil Guard .....	—	—	—	—	2½M-3H
BAYGARD021A ..... Condenser Coil Guard .....	—	—	—	—	4H-5M
BAYHSMT043A ..... High Static Motor (230/460V) 3/4HP .....	—	—	2½-3½	2½-3½	2½-3½
BAYHSMT044A ..... High Static Motor (230/460V) 1HP .....	—	—	4-5	4-5	4-5
BAYHSMT045A ..... High Static Motor (208V) 1HP .....	—	—	4-5	4-5	4-5
BAYHSMT056A ..... High Static Motor (208V) 3/4HP .....	—	—	2½-3½	2½-3½	2½-3½
BAYINDK001A* ..... Insulated Deck Pan for A & B Cabinet .....	—	—	2-3LM	2-3LM	1½-3LM
BAYINDK002A** ..... Insulated Deck Pan for C Cabinet .....	3M	2-3½LMH	3H-3½M	3H-3½M	3H,3½-4M
BAYINDK003A*** ..... Insulated Deck Pan for D Cabinet .....	4H-5M	4H-5M	4H-5M	4H-5M	4H-5M
BAYKSKT010A ..... Quick Start Kit for (Single Phase Units) .....	—	—	—	—	1½-5
BAYKSKT254 ..... Start Kit-Scroll Models Only (Single Phase Only) .....	—	—	2½-4	2½-4	—
BAYLIFT002B ..... Lifting Lug Kit .....	3-5	2-5	2-5	2-5	1½-5
BAYLOAM011A ..... Evaporator Defrost Control Kit <sup>①</sup> .....	3-5	2-5	2-5	2-5	1½-5
BAYLOAM323A ..... Head Pressure Control <sup>①⑤</sup> .....	—	2-5	2-5	2-5	1½-5
BAYLOFR001B ..... Low Fire Kit .....	—	—	1½-3L	1½-3L	1½-3L
BAYLOFR002B ..... Low Fire Kit .....	—	—	2M	2M	2M
BAYLOFR003B ..... Low Fire Kit .....	—	—	2½-3M	2½-3M	2½-3M
BAYLOFR004B ..... Low Fire Kit .....	—	—	3H,3½M	3H,3½M	3H,3½-4M
BAYLOFR005B ..... Low Fire Kit .....	—	—	—	—	—
BAYLOFR006B ..... Low Fire Kit .....	—	—	4-5	4-5	—
BAYLOFR007B ..... Low Fire Kit .....	—	—	—	—	4-5M, 4H
BAYLPKT022A ..... LP Conversion Kit .....	—	—	2-5	2-5	1½-5
BAYLPKT024C ..... LP Conversion Kit .....	3-5	2-5	—	—	—
BAYLPSS001A ..... LP Conversion Kit with 5 Stainless steel burners .....	—	—	2-5	2-5	1½-5
BAYLPSS002A ..... LP Conversion Kit with 5 Stainless steel burners .....	3-5	2-5	—	—	—
BAYMOTR307A ..... 208-230V 1/2HP Ball Bearing OD Motor used with BAYLOAM323A .....	—	2-5	2-5	2-5	1½-5
BAYMOTR406A ..... 460V 1/2HP Ball Bearing OD Motor used with BAYLOAM323A .....	—	—	2-5	2-5	1½-5
BAYOSAC001A ..... Outside Air Econo Controller .....	3-5	—	—	—	—
BAYSTAT023 ..... Remote Potentiometer for BAYECON054B, 055B .....	3-5	2-5	2-5	2-5	1½-5
BAYUTIL030A ..... Roof Curb Utility Extension Kit for BAYCURB030, 038A .....	—	—	—	—	1½-5
BAYUTIL033A ..... Roof Curb Utility Extension Kit for BAYCURB033A .....	—	—	—	—	3H,3½-4M
BAYUTIL034A ..... Roof Curb Utility Extension Kit for BAYCURB034A .....	—	—	—	—	4H, 5M

① Low ambient cooling requires crankcase heater.  
 ② Must use filter frame when economizer/fresh air kit is used.  
 ③ Ships knocked down.  
 ④ Dry bulb control standard with economizer.  
 ⑤ May require motor change, see instruction guide.  
 ⑥ 2-Stage thermostat provides additional energy savings if simultaneous economizer and compressor operation is expected.  
 ⑦ Activated on Power Off.  
 ⑧ Not for use with programmable thermostat.

\* Currently Shipped with BAYCURB038A.  
 \*\* Currently Shipped with BAYCURB033A.  
 \*\*\* Currently Shipped with BAYCURB034A.  
 L – Low heat model  
 M – Medium heat model  
 H – High heat model

**For information on Roof Curbs and Roof Curb Adaptors, please refer to the Accessories/Information Tab.**

# Package Gas/Electric Convertible 2 through 5 Tons



**Table PG-19-A — YCZ – Dimensional Data**

Model	A	B	C	D	E	F	G	H	J	K	L	M	N	P	BAYCURBO
YCZ036F-M	64	36	29 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>8</sub>	17	18 <sup>1</sup> / <sub>2</sub>	25 <sup>1</sup> / <sub>2</sub>	17 <sup>1</sup> / <sub>2</sub>	10	3	8 <sup>3</sup> / <sub>4</sub>	33A
YCZ050F-H	65 <sup>1</sup> / <sub>8</sub>	45	33 <sup>3</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>16</sub>	15 <sup>1</sup> / <sub>16</sub>	4 <sup>15</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	21 <sup>15</sup> / <sub>16</sub>	24	26 <sup>1</sup> / <sub>2</sub>	20	14	3 <sup>1</sup> / <sub>2</sub>	8 <sup>5</sup> / <sub>16</sub>	34A
YCZ060F-M	65 <sup>1</sup> / <sub>8</sub>	45	33 <sup>3</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>16</sub>	15 <sup>1</sup> / <sub>16</sub>	4 <sup>15</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	21 <sup>15</sup> / <sub>16</sub>	22 <sup>3</sup> / <sub>4</sub>	25 <sup>1</sup> / <sub>2</sub>	20	14	3 <sup>1</sup> / <sub>2</sub>	8 <sup>5</sup> / <sub>16</sub>	34A

**Table PG-19-B — YCY – Dimensional Data**

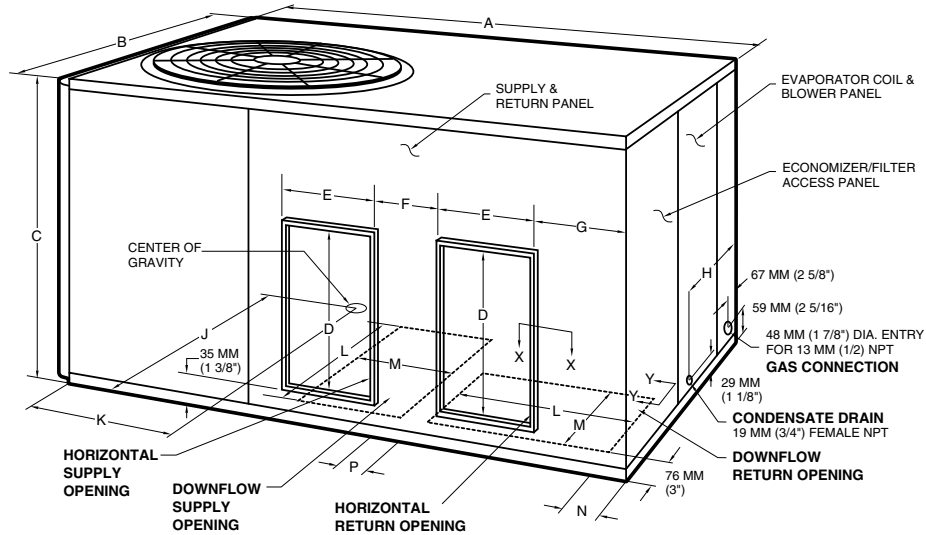
Model	A	B	C	D	E	F	G	H	J	K	L	M	N	P	BAYCURBO
YCY024G-L	64	36	29 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>8</sub>	17	20 <sup>5</sup> / <sub>16</sub>	29 <sup>1</sup> / <sub>2</sub>	17 <sup>1</sup> / <sub>2</sub>	10	3	8 <sup>3</sup> / <sub>4</sub>	30A, 38A, 33A
YCY024G-M	64	36	29 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>8</sub>	17	21 <sup>1</sup> / <sub>2</sub>	29 <sup>1</sup> / <sub>2</sub>	17 <sup>1</sup> / <sub>2</sub>	10	3	8 <sup>3</sup> / <sub>4</sub>	30A, 38A, 33A
YCY030G-L	64	36	29 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>8</sub>	17	19 <sup>5</sup> / <sub>16</sub>	28 <sup>1</sup> / <sub>2</sub>	17 <sup>1</sup> / <sub>2</sub>	10	3	8 <sup>3</sup> / <sub>4</sub>	30A, 38A, 33A
YCY030G-M	64	36	29 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>8</sub>	17	19 <sup>5</sup> / <sub>16</sub>	28 <sup>1</sup> / <sub>2</sub>	17 <sup>1</sup> / <sub>2</sub>	10	3	8 <sup>3</sup> / <sub>4</sub>	30A, 38A, 33A
YCY036G-M	64	36	29 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>8</sub>	17	19 <sup>1</sup> / <sub>2</sub>	28 <sup>7</sup> / <sub>32</sub>	17 <sup>1</sup> / <sub>2</sub>	10	3	8 <sup>3</sup> / <sub>4</sub>	30A, 38A, 33A
YCY036G-H	64	36	29 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>8</sub>	17	19 <sup>13</sup> / <sub>16</sub>	28 <sup>1</sup> / <sub>2</sub>	17 <sup>1</sup> / <sub>2</sub>	10	3	8 <sup>3</sup> / <sub>4</sub>	30A, 38A, 33A
YCY042G-M	64	36	29 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>8</sub>	17	19 <sup>13</sup> / <sub>16</sub>	28 <sup>1</sup> / <sub>2</sub>	17 <sup>1</sup> / <sub>2</sub>	10	3	8 <sup>3</sup> / <sub>4</sub>	30A, 38A, 33A
YCY048G-H	65 <sup>1</sup> / <sub>8</sub>	45	33 <sup>3</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>16</sub>	15 <sup>1</sup> / <sub>16</sub>	4 <sup>15</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	21 <sup>15</sup> / <sub>16</sub>	25	29 <sup>7</sup> / <sub>32</sub>	20	14	3 <sup>1</sup> / <sub>2</sub>	8 <sup>5</sup> / <sub>16</sub>	30A, 38A, 34A
YCY060G-M	65 <sup>1</sup> / <sub>8</sub>	45	33 <sup>3</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>16</sub>	15 <sup>1</sup> / <sub>16</sub>	4 <sup>15</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	21 <sup>15</sup> / <sub>16</sub>	25	29 <sup>7</sup> / <sub>32</sub>	20	14	3 <sup>1</sup> / <sub>2</sub>	8 <sup>5</sup> / <sub>16</sub>	30A, 38A, 34A

**Table PG-19-C — YCX – Dimensional Data**

Model	A	B	C	D	E	F	G	H	J	K	L	M	N	P	BAYCURBO
YCX024G-L	56 <sup>1</sup> / <sub>2</sub>	36	25 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	6 <sup>13</sup> / <sub>16</sub>	17	21 <sup>5</sup> / <sub>16</sub>	25	17 <sup>1</sup> / <sub>2</sub>	10	3	4 <sup>7</sup> / <sub>16</sub>	30A, 38A
YCX030G-L	56 <sup>1</sup> / <sub>2</sub>	36	29 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	6 <sup>13</sup> / <sub>16</sub>	17	20 <sup>3</sup> / <sub>4</sub>	25 <sup>13</sup> / <sub>16</sub>	17 <sup>1</sup> / <sub>2</sub>	10	3	4 <sup>7</sup> / <sub>16</sub>	30A, 38A
YCX036G-L	56 <sup>1</sup> / <sub>2</sub>	36	29 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	6 <sup>13</sup> / <sub>16</sub>	17	19 <sup>3</sup> / <sub>4</sub>	24 <sup>13</sup> / <sub>16</sub>	17 <sup>1</sup> / <sub>2</sub>	10	3	4 <sup>7</sup> / <sub>16</sub>	30A, 38A
YCX024G-M	56	36	29 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>8</sub>	17	21 <sup>1</sup> / <sub>2</sub>	23	17 <sup>1</sup> / <sub>2</sub>	10	3	8 <sup>3</sup> / <sub>4</sub>	30A, 38A
YCX030G-M	56	36	29 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>8</sub>	17	20 <sup>1</sup> / <sub>2</sub>	25	17 <sup>1</sup> / <sub>2</sub>	10	3	8 <sup>3</sup> / <sub>4</sub>	30A, 38A
YCX036G-M	56	36	29 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>8</sub>	17	19 <sup>1</sup> / <sub>2</sub>	27 <sup>15</sup> / <sub>16</sub>	17 <sup>1</sup> / <sub>2</sub>	10	3	8 <sup>3</sup> / <sub>4</sub>	30A, 38A
YCX036G-H	64	36	29 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>8</sub>	17	19 <sup>3</sup> / <sub>4</sub>	28 <sup>1</sup> / <sub>4</sub>	17 <sup>1</sup> / <sub>2</sub>	10	3	8 <sup>3</sup> / <sub>4</sub>	30A, 38A, 33A
YCX042G-M	64	36	29 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>8</sub>	17	19 <sup>3</sup> / <sub>4</sub>	28 <sup>1</sup> / <sub>4</sub>	17 <sup>1</sup> / <sub>2</sub>	10	3	8 <sup>3</sup> / <sub>4</sub>	30A, 38A, 33A
YCX048G-H	64 <sup>5</sup> / <sub>16</sub>	45	33 <sup>3</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>16</sub>	15 <sup>1</sup> / <sub>16</sub>	4 <sup>15</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	21 <sup>15</sup> / <sub>16</sub>	25	29 <sup>1</sup> / <sub>2</sub>	20	14	3 <sup>1</sup> / <sub>2</sub>	8 <sup>15</sup> / <sub>16</sub>	30A, 38A, 34A
YCX060G-M	64 <sup>5</sup> / <sub>16</sub>	45	33 <sup>3</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>16</sub>	15 <sup>1</sup> / <sub>16</sub>	4 <sup>15</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	21 <sup>15</sup> / <sub>16</sub>	25	29 <sup>1</sup> / <sub>2</sub>	20	14	3 <sup>1</sup> / <sub>2</sub>	8 <sup>15</sup> / <sub>16</sub>	30A, 38A, 34A

**For information on Roof Curbs and Roof Curb Adaptors, please refer to the Accessories/Information Tab.**

# Package Gas/Electric Convertible 1½ through 5 Tons



**Table PG-20-A — YCP – Dimensional Data**

Model	A	B	C	D	E	F	G	H	J	K	L	M	N	P	BAYCURBO
YCP024F-L	56½	36	25 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	6 <sup>13</sup> / <sub>16</sub>	17	21	21¼	17½	10	3	4 <sup>7</sup> / <sub>16</sub>	30A, 38A
YCP024F-M	56½	36	29 <sup>9</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	6 <sup>13</sup> / <sub>16</sub>	17	21	21 <sup>7</sup> / <sub>8</sub>	17½	10	3	4 <sup>7</sup> / <sub>16</sub>	30A, 38A
YCP030F-L	56½	36	29 <sup>9</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	6 <sup>13</sup> / <sub>16</sub>	17	21	21 <sup>7</sup> / <sub>8</sub>	17½	10	3	4 <sup>7</sup> / <sub>16</sub>	30A, 38A
YCP030F-M	56½	36	29 <sup>9</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	6 <sup>13</sup> / <sub>16</sub>	17	21	21 <sup>7</sup> / <sub>8</sub>	17½	10	3	4 <sup>7</sup> / <sub>16</sub>	30A, 38A
YCP036F-L	56½	36	29 <sup>9</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	6 <sup>13</sup> / <sub>16</sub>	17	20½	25 <sup>5</sup> / <sub>8</sub>	17½	10	3	4 <sup>7</sup> / <sub>16</sub>	30A, 38A
YCP036F-M	56½	36	29 <sup>9</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	6 <sup>13</sup> / <sub>16</sub>	17	20½	25 <sup>5</sup> / <sub>8</sub>	17½	10	3	4 <sup>7</sup> / <sub>16</sub>	30A, 38A
YCP036F-H	64	36	29 <sup>9</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>8</sub>	17	20½	28½	17½	10	3	8¾	30A, 38A, 33A
YCP042F-M	64	36	29 <sup>9</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>8</sub>	17	20½	28½	17½	10	3	8¾	30A, 38A, 33A
YCP048F-H	65½	45	33 <sup>3</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>16</sub>	15 <sup>1</sup> / <sub>16</sub>	4 <sup>15</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	21 <sup>15</sup> / <sub>16</sub>	25 <sup>3</sup> / <sub>8</sub>	30¼	20	14	3½	8 <sup>15</sup> / <sub>16</sub>	30A, 38A, 34A
YCP060F-M	65½	45	33 <sup>3</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>16</sub>	15 <sup>1</sup> / <sub>16</sub>	4 <sup>15</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	21 <sup>15</sup> / <sub>16</sub>	25 <sup>3</sup> / <sub>8</sub>	28 <sup>7</sup> / <sub>8</sub>	20	14	3½	8 <sup>15</sup> / <sub>16</sub>	30A, 38A, 34A

**Table PG-20-B — YCC – Dimensional Data**

Model	A	B	C	D	E	F	G	H	J	K	L	M	N	P	BAYCURBO
YCC018F-L	55¼	36	25 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	6 <sup>13</sup> / <sub>16</sub>	17	21 <sup>5</sup> / <sub>16</sub>	25	17½	10	3	4 <sup>7</sup> / <sub>16</sub>	30A, 38A
YCC024F-L	55¼	36	25 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	6 <sup>13</sup> / <sub>16</sub>	17	21 <sup>5</sup> / <sub>16</sub>	25	17½	10	3	4 <sup>7</sup> / <sub>16</sub>	30A, 38A
YCC030F-L	55¼	36	25 <sup>3</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	6 <sup>13</sup> / <sub>16</sub>	17	21 <sup>5</sup> / <sub>16</sub>	25	17½	10	3	4 <sup>7</sup> / <sub>16</sub>	30A, 38A
YCC036F-L	55¼	36	29 <sup>9</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	6 <sup>13</sup> / <sub>16</sub>	17	20¾	25 <sup>13</sup> / <sub>16</sub>	17½	10	3	4 <sup>7</sup> / <sub>16</sub>	30A, 38A
YCC030F-M	55¼	36	29 <sup>9</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	6 <sup>13</sup> / <sub>16</sub>	17	19¾	24 <sup>13</sup> / <sub>16</sub>	17½	10	3	4 <sup>7</sup> / <sub>16</sub>	30A, 38A
YCC036F-M	55¼	36	29 <sup>9</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	6 <sup>13</sup> / <sub>16</sub>	17	19¾	24 <sup>13</sup> / <sub>16</sub>	17½	10	3	4 <sup>7</sup> / <sub>16</sub>	30A, 38A
YCC036F-H	62¾	36	29 <sup>9</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>8</sub>	17	19¾	28¼	17½	10	3	8¾	30A, 38A, 33A
YCC042F-M	62¾	36	29 <sup>9</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>8</sub>	17	19¾	28¼	17½	10	3	8¾	30A, 38A, 33A
YCC048F-M	62¾	36	29 <sup>9</sup> / <sub>16</sub>	18 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>16</sub>	6 <sup>9</sup> / <sub>16</sub>	11 <sup>1</sup> / <sub>8</sub>	17	19¾	28¼	17½	10	3	8¾	30A, 38A, 33A
YCC048F-H	64 <sup>5</sup> / <sub>16</sub>	45	33 <sup>3</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>16</sub>	15 <sup>1</sup> / <sub>16</sub>	4 <sup>15</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	21 <sup>15</sup> / <sub>16</sub>	25	29½	20	14	3½	8 <sup>15</sup> / <sub>16</sub>	30A, 38A, 34A
YCC060F-M	64 <sup>5</sup> / <sub>16</sub>	45	33 <sup>3</sup> / <sub>8</sub>	21 <sup>1</sup> / <sub>16</sub>	15 <sup>1</sup> / <sub>16</sub>	4 <sup>15</sup> / <sub>16</sub>	9 <sup>1</sup> / <sub>8</sub>	21 <sup>15</sup> / <sub>16</sub>	25	29½	20	14	3½	8 <sup>15</sup> / <sub>16</sub>	30A, 38A, 34A

**For information on Roof Curbs and Roof Curb Adaptors, please refer to the Accessories/Information Tab.**

*American  
Standard*



**Featuring  
A New Look for a New Century**

Beveled Top  
Smoother Design  
Small compact cabinet  
Recessed access handles

## **Packaged Gas/Electric Convertible 3 through 10 Tons**

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### **Standard Features:**

- American Standard built scroll compressors on all 3-10 ton units except 3 ton standard efficiency model (Reciprocating Compressor)
- Colored and numbered wiring
- Provisions for through the Base Gas and Condensate Drain Connections
- Patented Hybrid Condenser Coil for easy cleaning
- 1" throwaway filters provided on 3-5 ton units
- 2" throwaway filters provided on 6-10 ton units
- Liquid Line Refrigerant Drier
- Operating Charge of R-22
- IAQ Sloped Drain Pans
- Low Ambient to 40°F on Electromechanical models
- Low Ambient to 0°F on Microprocessor models
- 5 - year Limited Compressor Warranty
- 5 - year Limited Heat Exchanger Warranty
- 1 - year Limited Parts Warranty

### **Added Flexibility**

- Electromechanical or microprocessor controls (**See page PC-35 for ReliaTel™ Control Information**)
- Standard or high efficiency cooling models available
- Low, medium or high heat, single or two stage
- Convertible airflow
- Fork lift openings on three sides of unit
- Direct or belt drive - standard or oversized motors (Direct for 3-5 ton only)
- We don't prepackage options
- Choose options tailored to suit each job —pay only for what is needed
- Units ship with options installed —and within our standard ship cycle time

### **Factory Installed Options**

- Through-the-Base — Electrical
- Convenience Outlet — Powered or unpowered
- Unit Disconnect Switch
- Smoke Detectors — Supply, return, or both
- Condenser Coil Coating
- Hinged Access Service Panels
- Discharge Air Sensor
- Fan Fail and Clogged Filter Switches
- Condenser Coil Guard — Hail Protection Quality
- TXV thermal expansion valve and split face evaporator coil
- Novar Controls
- 2" Pleated Media filters
- Phase Monitor
- Hot Gas Reheat Coil-Dehumidification
- Froststat

***The same American Standard Quality and  
Reliability ... with added Flexibility!***





# Packaged Gas/Electric Convertible 3-10 Tons

Table PG-22-A — Base Unit — Standard Efficiency — Electromechanical

Tons	Unit Ordering No.②	Performance③ SEER/EER	Cooling Capacity (Btuh)	Heating Output④		Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA*	Max.⑤ Fuse*
				Capacity (Btuh)	AFUE%						
<b>YSC – 208-230/1/60 – Single Phase – Low Heat</b>											
3	YSC036E1ELA0000	13.0	35,620	47,000	80	32 x 44 x 70	18 x 15.5	12 x 14	607	27.2	40
4	YSC048E1ELA0000	13.0	49,210	49,000	80	32 x 44 x 70	18 x 15.5	12 x 14	638	35.2	50
5	YSC060E1ELA0000	13.0	59,900	47,000	80	32 x 44 x 70	18 x 15.5	12 x 14	688	43.8	70
<b>YSC – 208-230/3/60 – Three Phase – Low Heat</b>											
3	YSC036A3ELA0000	10.7	37,400	48,000	81	32 x 44 x 70	18 x 15.5	24 x 14	572	17.9	25
4	YSC048A3ELA0000	10.0	49,200	48,000	81	32 x 44 x 70	18 x 15.5	24 x 14	597	23.9	35
5	YSC060A3ELA0000	10.2	63,100	48,000	81	32 x 44 x 70	18 x 15.5	24 x 14	614	31.5	50
3	YSC036E3ELA0000	13.0	37,150	48,000	80	32 x 44 x 70	18 x 15.5	12 x 14	607	21.4	30
4	YSC048E3ELA0000	13.0	49,450	48,000	80	32 x 44 x 70	18 x 15.5	12 x 14	638	25.2	35
5	YSC060E3ELA0000	13.0	62,270	48,000	80	32 x 44 x 70	18 x 15.5	12 x 14	688	29.5	45
6	YSC072A3ELA0000	10.2/10.1①	72,000	64,800	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	878	32.7	50
7½	YSC090A3ELA0000	10.1	90,000	97,200	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	963	42.7	60
7½	YSC092A3ELA0000	10.4/10.1①	90,000	97,200	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	965	38.9	50
8½	YSC102A3ELA0000	10.1	105,000	97,200	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1042	45.1	60
10	YSC120A3ELA0000	10.2/10.1①	117,000	121,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1130	52.6	60
<b>YSC – 460/3/60 – Three Phase – Low Heat</b>											
3	YSC036A4ELA0000	10.7	37,400	48,000	81	32 x 44 x 70	18 x 15.5	24 x 14	572	9.2	15
4	YSC048A4ELA0000	10.0	49,200	48,000	81	32 x 44 x 70	18 x 15.5	24 x 14	597	12.8	20
5	YSC060A4ELA0000	10.2	63,100	48,000	81	32 x 44 x 70	18 x 15.5	24 x 14	614	16.0	25
3	YSC036E4ELA0000	13.0	37,150	48,000	80	32 x 44 x 70	18 x 15.5	12 x 14	607	10.1	15
4	YSC048E4ELA0000	13.0	49,450	48,000	80	32 x 44 x 70	18 x 15.5	12 x 14	638	12.5	15
5	YSC060E4ELA0000	13.0	62,270	48,000	80	32 x 44 x 70	18 x 15.5	12 x 14	688	15.5	25
6	YSC072A4ELA0000	10.2/10.1①	72,000	64,800	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	878	17.6	25
7½	YSC090A4ELA0000	10.1	90,000	97,200	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	963	22.6	35
7½	YSC092A4ELA0000	10.4/10.1①	90,000	97,200	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	965	20.5	25
8½	YSC102A4ELA0000	10.1	105,000	97,200	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1042	24.0	30
10	YSC120A4ELA0000	10.2/10.1①	117,000	121,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1130	26.9	35
<b>YSC – 575/3/60 – Three Phase – Low Heat</b>											
3	YSC036AWELA0000	10.7	37,400	48,000	81	32 x 44 x 70	18 x 15.5	24 x 14	572	7.7	15
4	YSC048AWELA0000	10.0	49,200	48,000	81	32 x 44 x 70	18 x 15.5	24 x 14	597	9.8	15
5	YSC060AWELA0000	10.2	63,100	48,000	81	32 x 44 x 70	18 x 15.5	24 x 14	614	12.2	15
3	YSC036EWELA0000	13.0	37,150	48,000	80	32 x 44 x 70	18 x 15.5	12 x 14	607	8.0	15
4	YSC048EWELA0000	13.0	49,450	48,000	80	32 x 44 x 70	18 x 15.5	12 x 14	638	9.0	15
5	YSC060EWELA0000	13.0	62,270	48,000	80	32 x 44 x 70	18 x 15.5	12 x 14	688	10.1	15
6	YSC072AWELA0000	10.2/10.1①	72,000	64,800	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	878	12.8	20
7½	YSC090AWELA0000	10.1	90,000	97,200	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	963	17.6	25
7½	YSC092AWELA0000	10.4/10.1①	90,000	97,200	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	965	15.5	20
8½	YSC102AWELA0000	10.1	105,000	97,200	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1042	19.5	25
10	YSC120AWELA0000	10.2/10.1①	117,000	121,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1130	21.8	25
7½	YSC092A3EMA0000	10.4/10.1①	90,000	121,500	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	965	38.9	50
8½	YSC102A3EMA0000	10.1	105,000	121,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1042	44.4	60
10	YSC120A3EMA0000	10.2/10.1①	117,000	162,000	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1130	50.9	60

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

① Downflow Airflow/Horizontal Airflow

② HCAR Breaker per NEC.

③ SEER applies, 3-5 tons; EER applies 6-10 tons.

④ Digit 7 - A=R-22, E=410A.



# Packaged Gas/Electric Convertible 3-10 Tons

Table PG-23-A — Base Unit — Standard Efficiency — Electromechanical

Tons	Unit Ordering No.④	Performance③ SEER/EER	Cooling Capacity (Btuh)	Heating Output①		Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA*	Max.② Fuse*
				Capacity (Btuh)	AFUE%						
<b>YSC – 208-230/1/60 – Single Phase – Medium Heat</b>											
3	YSC036E1EMA0000	13.0	35,620	65,000	80	32 x 44 x 70	18 x 15.5	12 x 14	607	27.2	40
4	YSC048E1EMA0000	13.0	49,210	65,000	80	32 x 44 x 70	18 x 15.5	12 x 14	638	35.2	50
5	YSC060E1EMA0000	13.0	59,900	64,000	80	32 x 44 x 70	18 x 15.5	12 x 14	688	43.8	70
<b>YSC – 208-230/3/60 – Three Phase – Medium Heat</b>											
3	YSC036A3EMA0000	10.7	37,400	64,000	81	32 x 44 x 70	18 x 15.5	24 x 14	572	17.9	25
4	YSC048A3EMA0000	10.0	49,200	64,000	81	32 x 44 x 70	18 x 15.5	24 x 14	597	23.9	35
5	YSC060A3EMA0000	10.2	63,100	64,000	81	32 x 44 x 70	18 x 15.5	24 x 14	614	31.5	50
3	YSC036E3EMA0000	13.0	37,150	64,000	81	32 x 44 x 70	18 x 15.5	12 x 14	607	21.4	30
4	YSC048E3EMA0000	13.0	49,450	64,000	81	32 x 44 x 70	18 x 15.5	12 x 14	638	25.2	35
5	YSC060E3EMA0000	13.0	62,270	64,000	81	32 x 44 x 70	18 x 15.5	12 x 14	688	29.5	45
6	YSC072A3EMA0000	10.2/10.1①	72,000	97,200	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	878	32.2	50
7½	YSC090A3EMA0000	10.1	90,000	121,500	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	963	42.7	60
7½	YSC092A3EMA0000	10.4/10.1①	90,000	121,500	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	965	38.9	50
8½	YSC102A3EMA0000	10.1	105,000	121,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1042	44.4	60
10	YSC120A3EMA0000	10.2/10.1①	117,000	162,000	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1130	50.9	60
<b>YSC – 460/3/60 – Three Phase – Medium Heat</b>											
3	YSC036A4EMA0000	10.7	37,400	64,000	81	32 x 44 x 70	18 x 15.5	24 x 14	572	9.2	15
4	YSC048A4EMA0000	10.0	49,200	64,000	81	32 x 44 x 70	18 x 15.5	24 x 14	597	12.8	20
5	YSC060A4EMA0000	10.2	63,100	64,000	81	32 x 44 x 70	18 x 15.5	24 x 14	614	16.0	25
3	YSC036E4EMA0000	13.0	37,150	64,000	80	32 x 44 x 70	18 x 15.5	12 x 14	607	10.1	15
4	YSC048E4EMA0000	13.0	49,450	64,000	80	32 x 44 x 70	18 x 15.5	12 x 14	638	12.5	15
5	YSC060E4EMA0000	13.0	62,270	64,000	80	32 x 44 x 70	18 x 15.5	12 x 14	688	15.5	25
6	YSC072A4EMA0000	10.2/10.1①	63,100	97,200	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	878	17.6	25
7½	YSC090A4EMA0000	10.1	90,000	121,500	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	963	22.6	35
7½	YSC092A4EMA0000	10.4/10.1①	90,000	121,500	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	965	20.5	25
8½	YSC102A4EMA0000	10.1①	105,000	121,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1042	24.0	30
10	YSC120A4EMA0000	10.2/10.1①	117,000	162,000	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1130	26.9	35
<b>YSC – 575/3/60 – Three Phase – Medium Heat</b>											
3	YSC036AWEMA0000	10.7	37,400	64,000	81	32 x 44 x 70	18 x 15.5	24 x 14	572	7.7	15
4	YSC048AWEMA0000	10.0	49,200	64,000	81	32 x 44 x 70	18 x 15.5	24 x 14	597	9.8	15
5	YSC060AWEMA0000	10.2	63,100	64,000	81	32 x 44 x 70	18 x 15.5	24 x 14	614	12.2	15
3	YSC036EWEMA0000	13.0	37,150	64,000	80	32 x 44 x 70	18 x 15.5	12 x 14	607	8.0	15
4	YSC048EWEMA0000	13.0	49,450	64,000	80	32 x 44 x 70	18 x 15.5	12 x 14	638	9.0	15
5	YSC060EWEMA0000	13.0	62,270	64,000	80	32 x 44 x 70	18 x 15.5	12 x 14	688	10.1	15
6	YSC072AWEMA0000	10.2/10.1①	63,100	97,200	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	878	12.8	20
7½	YSC090AWEMA0000	10.1	90,000	121,500	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	963	17.6	25
7½	YSC092AWEMA0000	10.4/10.1①	90,000	121,500	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	965	15.5	20
8½	YSC102AWEMA0000	10.1	105,000	121,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1042	19.5	25
10	YSC120AWEMA0000	10.2/10.1①	117,000	162,000	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1130	21.8	25

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

① Downflow Airflow/Horizontal Airflow

② HCAR Breaker per NEC.

③ SEER applies, 3-5 tons; EER applies 6-10 tons.

④ Digit 7 - A=R-22, E=410A.





# Packaged Gas/Electric Convertible 3-10 Tons

Table PG-24-A — Base Unit — Standard Efficiency — Electromechanical

Tons	Unit Ordering No.Ⓐ	Performanceⓑ SEER/EER	Cooling Capacity (Btuh)	Heating OutputⒸ		Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA*	Max.Ⓓ Fuse*
				Capacity (Btuh)	AFUE%						
<b>YSC –208-230/1/60 – Single Phase – High Heat</b>											
3	YSC036E1EHA0000	13.0	35,620	94,000	80	32 x 44 x 70	18 x 15.5	12 x 14	607	27.2	40
4	YSC048E1EHA0000	13.0	49,210	95,000	80	32 x 44 x 70	18 x 15.5	12 x 14	638	35.2	50
5	YSC060E1EHA0000	13.0	59,900	103,000	80	32 x 44 x 70	18 x 15.5	12 x 14	688	43.8	70
<b>YSC –208-230/3/60 – Three Phase – High Heat</b>											
3	YSC036A3EHA0000	10.7	37,400	96,000	81	36 x 44 x 70	18 x 15.5	24 x 14	572	17.9	25
4	YSC048A3EHA0000	10.0	49,200	96,000	81	36 x 44 x 70	18 x 15.5	24 x 14	597	23.9	35
5	YSC060A3EHA0000	10.2	63,100	104,000	81	36 x 44 x 70	18 x 15.5	24 x 14	614	31.5	50
3	YSC036E3EHA0000	13.0	37,150	96,000	80	32 x 44 x 70	18 x 15.5	12 x 14	607	21.4	30
4	YSC048E3EHA0000	13.0	49,450	96,000	80	32 x 44 x 70	18 x 15.5	12 x 14	638	25.2	35
5	YSC060E3EHA0000	13.0	62,270	104,000	80	32 x 44 x 70	18 x 15.5	12 x 14	688	29.5	45
6	YSC072A3EHA0000	10.1	72,000	121,500	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	878	32.7	50
7½	YSC090A3EHA0000	10.1	90,000	162,000	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	963	42.7	60
7½	YSC092A3EHA0000	10.4/10.1Ⓘ	90,000	162,000	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	965	38.9	50
8½	YSC102A3EHA0000	10.1Ⓙ	105,000	162,000	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1042	45.1	60
10	YSC120A3EHA0000	10.2/10.1Ⓙ	117,000	202,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1130	52.6	60
<b>YSC –460/3/60 – Three Phase – High Heat</b>											
3	YSC036A4EHA0000	10.7	37,400	96,000	81	36 x 44 x 70	18 x 15.5	24 x 14	572	9.2	15
4	YSC048A4EHA0000	10.0	49,200	96,000	81	36 x 44 x 70	18 x 15.5	24 x 14	597	12.8	20
5	YSC060A4EHA0000	10.2	63,100	104,000	81	36 x 44 x 70	18 x 15.5	24 x 14	614	16.0	25
3	YSC036E4EHA0000	13.0	37,150	96,000	80	32 x 44 x 70	18 x 15.5	12 x 14	607	10.1	15
4	YSC048E4EHA0000	13.0	49,450	96,000	80	32 x 44 x 70	18 x 15.5	12 x 14	638	12.5	15
5	YSC060E4EHA0000	13.0	62,270	104,000	80	32 x 44 x 70	18 x 15.5	12 x 14	688	15.5	25
6	YSC072A4EHA0000	10.1	72,000	121,500	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	878	17.6	25
7½	YSC090A4EHA0000	10.1	90,000	162,000	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	963	22.6	35
7½	YSC092A4EHA0000	10.4/10.1Ⓘ	90,000	162,000	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	965	20.5	25
8½	YSC102A4EHA0000	10.1	105,000	162,000	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1042	24.0	30
10	YSC120A4EHA0000	10.2/10.1Ⓙ	117,000	202,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1130	26.9	35
<b>YSC –575/3/60 – Three Phase – High Heat</b>											
3	YSC036AWEHA0000	10.7	37,400	96,000	81	36 x 44 x 70	18 x 15.5	24 x 14	572	7.7	15
4	YSC048AWEHA0000	10.0	49,200	96,000	81	36 x 44 x 70	18 x 15.5	24 x 14	597	9.8	15
5	YSC060AWEHA0000	10.2	63,100	104,000	81	36 x 44 x 70	18 x 15.5	24 x 14	614	12.2	15
3	YSC036EWEHA0000	13.0	37,150	96,000	80	32 x 44 x 70	18 x 15.5	12 x 14	607	8.0	15
4	YSC048EWEHA0000	13.0	49,450	96,000	80	32 x 44 x 70	18 x 15.5	12 x 14	638	9.0	15
5	YSC060EWEHA0000	13.0	2,270	104,000	80	32 x 44 x 70	18 x 15.5	12 x 14	688	10.1	15
6	YSC072AWEHA0000	10.2/10.1Ⓙ	72,000	121,500	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	878	12.8	20
7½	YSC090AWEHA0000	10.1	90,000	162,000	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	963	17.6	25
7½	YSC092AWEHA0000	10.4/10.1Ⓘ	90,000	162,000	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	965	15.5	20
8½	YSC102AWEHA0000	/10.1	105,000	162,000	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1042	19.5	25
10	YSC120AWEHA0000	10.2/10.1Ⓙ	117,000	202,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1130	21.8	25

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

Ⓐ Downflow Airflow/Horizontal Airflow

Ⓑ HCAR Breaker per NEC.

Ⓒ SEER applies, 3-5 tons; EER applies 6-10 tons.

Ⓓ Digit 7 - A=R-22, E=410A.



# Packaged Gas/Electric Convertible 3-10 Tons

Table PG-25-A — Base Unit — Standard Efficiency — ReliaTel™ Microprocessor Controls

Tons	Unit Ordering No.④	Performance③ SEER/EER	Cooling Capacity (Btuh)	Heating Output①		Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA*	Max.② Fuse*
				Capacity (Btuh)	AFUE%						
<b>YSC – 208-230/1/60 – Single Phase – Low Heat</b>											
3	YSC036E1RLA0000	13.0	35,620	47,000	80	32 x 44 x 70	18 x 15.5	12 x 14	607	27.2	40
4	YSC048E1RLA0000	13.0	49,210	47,000	80	32 x 44 x 70	18 x 15.5	12 x 14	638	35.2	50
5	YSC060E1RLA0000	13.0	59,900	47,000	80	32 x 44 x 70	18 x 15.5	12 x 14	688	43.8	70
<b>YSC – 208-230/3/60 – Three Phase – Low Heat</b>											
3	YSC036A3RLA0000	10.7	37,400	48,000	81	32 x 44 x 70	18 x 15.5	24 x 14	572	17.9	25
4	YSC048A3RLA0000	10.0	49,200	48,000	81	32 x 44 x 70	18 x 15.5	24 x 14	597	23.9	35
5	YSC060A3RLA0000	10.2	63,100	48,000	81	32 x 44 x 70	18 x 15.5	24 x 14	614	31.5	50
3	YSC036E3RLA0000	13.0	37,150	48,000	80	32 x 44 x 70	18 x 15.5	12 x 14	607	21.4	30
4	YSC048E3RLA0000	13.0	49,450	48,000	80	32 x 44 x 70	18 x 15.5	12 x 14	638	25.2	35
5	YSC060E3RLA0000	13.0	62,270	48,000	80	32 x 44 x 70	18 x 15.5	12 x 14	688	29.5	45
6	YSC072A3RLA0000	10.2/10.1④	72,000	64,800	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	878	32.7	50
7½	YSC090A3RLA0000	10.1	90,000	97,200	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	963	42.7	60
7½	YSC092A3RLA0000	10.4/10.1④	90,000	97,200	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	965	38.9	50
8½	YSC102A3RLA0000	10.1	105,000	97,200	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1042	45.1	60
10	YSC120A3RLA0000	10.2/10.1④	117,000	121,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1130	52.6	60
<b>YSC – 460/3/60 – Three Phase – Low Heat</b>											
3	YSC036A4RLA0000	10.7	37,400	48,000	81	32 x 44 x 70	18 x 15.5	24 x 14	572	9.2	15
4	YSC048A4RLA0000	10.0	49,200	48,000	81	32 x 44 x 70	18 x 15.5	24 x 14	597	12.8	20
5	YSC060A4RLA0000	10.2	63,100	48,000	81	32 x 44 x 70	18 x 15.5	24 x 14	614	16.0	25
3	YSC036E4RLA0000	13.0	37,150	48,000	80	32 x 44 x 70	18 x 15.5	12 x 14	607	10.1	15
4	YSC048E4RLA0000	13.0	49,450	48,000	80	32 x 44 x 70	18 x 15.5	12 x 14	638	12.5	15
5	YSC060E4RLA0000	13.0	62,270	48,000	80	32 x 44 x 70	18 x 15.5	12 x 14	688	15.5	25
6	YSC072A4RLA0000	10.2/10.1④	72,000	64,800	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	878	17.6	25
7½	YSC090A4RLA0000	10.1	90,000	97,200	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	963	22.6	35
7½	YSC092A4RLA0000	10.4/10.1④	90,000	97,200	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	965	20.5	25
8½	YSC102A4RLA0000	10.1	105,000	97,200	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1042	24.0	30
10	YSC120A4RLA0000	10.2/10.1④	117,000	121,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1130	26.9	35
<b>YSC – 575/3/60 – Three Phase – Low Heat</b>											
3	YSC036AWRLA0000	10.7	37,400	48,000	81	32 x 44 x 70	18 x 15.5	24 x 14	572	7.7	15
4	YSC048AWRLA0000	10.0	49,200	48,000	81	32 x 44 x 70	18 x 15.5	24 x 14	597	9.8	15
5	YSC060AWRLA0000	10.2	63,100	48,000	81	32 x 44 x 70	18 x 15.5	24 x 14	614	12.2	15
3	YSC036EWRLA0000	13.0	37,150	48,000	80	32 x 44 x 70	18 x 15.5	12 x 14	607	8.0	15
4	YSC048EWRLA0000	13.0	49,450	48,000	80	32 x 44 x 70	18 x 15.5	12 x 14	638	9.0	15
5	YSC060EWRLA0000	13.0	62,270	48,000	80	32 x 44 x 70	18 x 15.5	12 x 14	688	10.1	15
6	YSC072AWRLA0000	10.2/10.1④	72,000	64,800	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	878	12.8	20
7½	YSC090AWRLA0000	10.1	90,000	97,200	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	963	17.6	25
7½	YSC092AWRLA0000	10.4/10.1④	90,000	97,200	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	965	15.5	20
8½	YSC102AWRLA0000	10.1	105,000	97,200	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1042	19.5	25
10	YSC120AWRLA0000	10.2/10.1④	117,000	121,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1130	21.8	25

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

① Downflow Airflow/Horizontal Airflow

② HCAR Breaker per NEC.

③ SEER applies, 3-5 tons; EER applies 6-10 tons.

④ Digit 7 - A=R-22, E=410A..



# Packaged Gas/Electric Convertible 3-10 Tons

Table PG-26-A — Base Unit — Standard Efficiency — ReliaTel™ Microprocessor Controls

Tons	Unit Ordering No.Ⓐ	Performanceⓑ SEER/EER	Cooling Capacity (Btuh)	Heating OutputⒸ		AFUE%	Cabinet Dimensions (in.)			Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA*	Max.Ⓓ Fuse*
				Capacity (Btuh)	Capacity (Btuh)		H	W	L					
<b>YSC – 208-230/1/60 – Single Phase – Medium Heat</b>														
3	YSC036E1RMA0000	13.0	35,620	65,000	80	32 x 44 x 70	18 x 15.5	12 x 14	607	27.2	40			
4	YSC048E1RMA0000	13.0	49,210	65,000	80	32 x 44 x 70	18 x 15.5	12 x 14	638	35.2	50			
5	YSC060E1RMA0000	13.0	59,900	64,000	80	32 x 44 x 70	18 x 15.5	12 x 14	688	43.8	70			
<b>YSC – 208-230/3/60 – Three Phase – Medium Heat</b>														
3	YSC036A3RMA0000	10.7	37,400	64,000	81	32 x 44 x 70	18 x 15.5	24 x 14	572	17.9	25			
4	YSC048A3RMA0000	10.0	49,200	64,000	81	32 x 44 x 70	18 x 15.5	24 x 14	597	23.9	35			
5	YSC060A3RMA0000	10.2	63,100	64,000	81	32 x 44 x 70	18 x 15.5	24 x 14	614	31.5	50			
3	YSC036E3RMA0000	13.0	37,150	64,000	80	32 x 44 x 70	18 x 15.5	12 x 14	607	21.4	30			
4	YSC048E3RMA0000	13.0	49,450	64,000	80	32 x 44 x 70	18 x 15.5	12 x 14	638	25.2	35			
5	YSC060E3RMA0000	13.0	62,270	64,000	80	32 x 44 x 70	18 x 15.5	12 x 14	688	29.5	45			
6	YSC072A3RMA0000	10.2/10.1Ⓒ	72,000	97,200	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	878	32.7	50			
7½	YSC090A3RMA0000	10.1	90,000	121,500	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	963	42.7	60			
7½	YSC092A3RMA0000	10.4/10.1Ⓒ	90,000	121,500	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	965	38.9	50			
8½	YSC102A3RMA0000	10.1	105,000	121,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1042	45.1	60			
10	YSC120A3RMA0000	10.2/10.1Ⓒ	117,000	162,000	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1130	52.6	60			
<b>YSC – 460/3/60 – Three Phase – Medium Heat</b>														
3	YSC036A4RMA0000	10.7	37,400	64,000	81	32 x 44 x 70	18 x 15.5	24 x 14	572	9.2	15			
4	YSC048A4RMA0000	10.0	49,200	64,000	81	32 x 44 x 70	18 x 15.5	24 x 14	597	12.8	20			
5	YSC060A4RMA0000	10.2	63,100	64,000	81	32 x 44 x 70	18 x 15.5	24 x 14	614	16.0	25			
3	YSC036E4RMA0000	13.0	37,150	64,000	80	32 x 44 x 70	18 x 15.5	12 x 14	607	10.1	15			
4	YSC048E4RMA0000	13.0	49,450	64,000	80	32 x 44 x 70	18 x 15.5	12 x 14	638	12.5	15			
5	YSC060E4RMA0000	13.0	62,270	64,000	80	32 x 44 x 70	18 x 15.5	12 x 14	688	15.5	25			
6	YSC072A4RMA0000	10.2/10.1Ⓒ	63,100	97,200	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	878	17.6	25			
7½	YSC090A4RMA0000	10.1	90,000	121,500	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	963	22.6	35			
7½	YSC092A4RMA0000	10.4/10.1Ⓒ	90,000	121,500	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	965	20.5	25			
8½	YSC102A4RMA0000	10.1	105,000	121,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1042	24.0	30			
10	YSC120A4RMA0000	10.2/10.1Ⓒ	117,000	162,000	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1130	26.9	35			
<b>YSC – 575/3/60 – Three Phase – Medium Heat</b>														
3	YSC036AWRMA0000	10.7	37,400	64,000	81	32 x 44 x 70	18 x 15.5	24 x 14	572	7.7	15			
4	YSC048AWRMA0000	10.0	49,200	64,000	81	32 x 44 x 70	18 x 15.5	24 x 14	597	9.8	15			
5	YSC060AWRMA0000	10.2	63,100	64,000	81	32 x 44 x 70	18 x 15.5	24 x 14	614	12.2	15			
3	YSC036EWRMA0000	13.0	37,150	64,000	80	32 x 44 x 70	18 x 15.5	12 x 14	607	8.0	15			
4	YSC048EWRMA0000	13.0	49,450	64,000	80	32 x 44 x 70	18 x 15.5	12 x 14	638	9.0	15			
5	YSC060EWRMA0000	13.0	62,270	64,000	80	32 x 44 x 70	18 x 15.5	12 x 14	688	10.1	15			
6	YSC072AWRMA0000	10.1	63,100	97,200	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	878	12.8	20			
7½	YSC090AWRMA0000	10.1	90,000	121,500	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	963	17.6	25			
7½	YSC092AWRMA0000	10.4/10.1Ⓒ	90,000	121,500	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	965	15.5	20			
8½	YSC102AWRMA0000	10.2	105,000	121,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1042	19.5	25			
10	YSC120AWRMA0000	10.2/10.1Ⓒ	117,000	162,000	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1130	21.8	25			

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

Ⓐ Downflow Airflow/Horizontal Airflow

Ⓑ HCAR Breaker per NEC.

Ⓒ SEER applies, 3-5 tons; EER applies 6-10 tons.

Ⓓ Digit 7 - A=R-22, E=410A.



# Packaged Gas/Electric Convertible 3-10 Tons

Table PG-27-A — Base Unit — Standard Efficiency — ReliaTel™ Microprocessor Controls

Tons	Unit Ordering No.④	Performance③ SEER/EER	Cooling Capacity (Btuh)	Heating Output①		Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA*	Max.② Fuse*
				Capacity (Btuh)	AFUE%						
<b>YSC –208-230/1/60 – Single Phase – High Heat</b>											
3	YSC036E1RHA0000	13.0	35,620	94,000	80	32 x 44 x 70	18 x 15.5	12 x 14	607	27.2	40
4	YSC048E1RHA0000	13.0	49,210	95,000	80	32 x 44 x 70	18 x 15.5	12 x 14	638	35.2	50
5	YSC060E1RHA0000	13.0	59,900	103,000	80	32 x 44 x 70	18 x 15.5	12 x 14	688	43.8	70
<b>YSC –208-230/3/60 – Three Phase – High Heat</b>											
3	YSC036A3RHA0000	10.7	37,400	96,000	81	36 x 44 x 70	18 x 15.5	24 x 14	572	17.9	25
4	YSC048A3RHA0000	10.0	49,200	96,000	81	36 x 44 x 70	18 x 15.5	24 x 14	597	23.9	35
5	YSC060A3RHA0000	10.2	63,100	104,000	81	36 x 44 x 70	18 x 15.5	24 x 14	614	31.5	50
3	YSC036E3RHA0000	13.0	37,150	96,000	80	32 x 44 x 70	18 x 15.5	12 x 14	607	21.4	30
4	YSC048E3RHA0000	13.0	49,450	96,000	80	32 x 44 x 70	18 x 15.5	12 x 14	638	25.2	35
5	YSC060E3RHA0000	13.0	62,270	104,000	80	32 x 44 x 70	18 x 15.5	12 x 14	688	29.5	45
6	YSC072A3RHA0000	10.2/10.1④	72,000	121,500	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	878	32.7	50
7½	YSC090A3RHA0000	10.1	90,000	162,000	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	963	42.7	60
7½	YSC092A3RHA0000	10.4/10.1④	90,000	162,000	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	965	38.9	50
8½	YSC102A3RHA0000	10.1	105,000	162,000	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1042	45.1	60
10	YSC120A3RHA0000	10.2/10.1④	117,000	202,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1130	52.6	60
<b>YSC –460/3/60 – Three Phase – High Heat</b>											
3	YSC036A4RHA0000	10.7	37,400	96,000	81	36 x 44 x 70	18 x 15.5	24 x 14	572	9.2	15
4	YSC048A4RHA0000	10.0	49,200	96,000	81	36 x 44 x 70	18 x 15.5	24 x 14	597	12.8	20
5	YSC060A4RHA0000	10.2	63,100	104,000	81	36 x 44 x 70	18 x 15.5	24 x 14	614	16.0	25
3	YSC036E4RHA0000	13.0	37,150	96,000	80	32 x 44 x 70	18 x 15.5	12 x 14	607	10.1	15
4	YSC048E4RHA0000	13.0	49,450	96,000	80	32 x 44 x 70	18 x 15.5	12 x 14	638	12.5	15
5	YSC060E4RHA0000	13.0	62,270	104,000	80	32 x 44 x 70	18 x 15.5	12 x 14	688	15.5	25
6	YSC072A4RHA0000	10.2/10.1④	72,000	121,500	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	878	17.6	25
7½	YSC090A4RHA0000	10.1	90,000	162,000	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	963	22.6	35
7½	YSC092A4RHA0000	10.4/10.1④	90,000	162,000	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	965	20.5	25
8½	YSC102A4RHA0000	10.1	105,000	162,000	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1042	24.0	30
10	YSC120A4RHA0000	10.2/10.1④	117,000	202,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1130	26.9	35
<b>YSC –575/3/60 – Three Phase – High Heat</b>											
3	YSC036AWRHA0000	10.7	37,400	96,000	81	36 x 44 x 70	18 x 15.5	24 x 14	572	7.7	15
4	YSC048AWRHA0000	10.0	49,200	96,000	81	36 x 44 x 70	18 x 15.5	24 x 14	597	9.8	15
5	YSC060AWRHA0000	10.2	63,100	104,000	81	36 x 44 x 70	18 x 15.5	24 x 14	614	12.2	15
3	YSC036EWRHA0000	13.0	37,150	96,000	80	32 x 44 x 70	18 x 15.5	12 x 14	607	8.0	15
4	YSC048EWRHA0000	13.0	49,450	96,000	80	32 x 44 x 70	18 x 15.5	12 x 14	638	9.0	15
5	YSC060EWRHA0000	13.0	62,270	104,000	80	32 x 44 x 70	18 x 15.5	12 x 14	688	10.1	15
6	YSC072AWRHA0000	10.2/10.1④	72,000	121,500	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	878	12.8	20
7½	YSC090AWRHA0000	10.1	90,000	162,000	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	963	17.6	25
7½	YSC092AWRHA0000	10.4/10.1④	90,000	162,000	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	965	15.5	20
8½	YSC102AWRHA0000	10.1	105,000	162,000	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1042	19.5	25
10	YSC120AWRHA0000	10.2/10.1④	117,000	202,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1130	21.8	25

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

① Downflow Airflow/Horizontal Airflow

② HCAR Breaker per NEC.

③ SEER applies, 3-5 tons; EER applies 6-10 tons.

④ Digit 7 - A=R-22, E=410A.



# Packaged Gas/Electric Convertible 3-10 Tons

Table PG-28-A — Base Unit — High Efficiency — Electromechanical

Tons	Unit Ordering No.	Performance <sup>ⓐ</sup> SEER/EER	Cooling Capacity (Btuh)	Heating Output <sup>ⓐ</sup>		AFUE%	Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA*	Max. <sup>ⓑ</sup> Fuse*
				Capacity (Btuh)	Capacity (Btuh)							
<b>YHC –208-230/3/60 – Three Phase – Low Heat</b>												
6	YHC072A3ELA0000	11.5/11.3 <sup>ⓐ</sup>	72,000	64,800	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	915	34.8	50	
7½	YHC092A3ELA0000	11.5/11.3 <sup>ⓐ</sup>	90,000	97,200	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1066	38.1	50	
8½	YHC102A3ELA0000	11.5/11.3 <sup>ⓐ</sup>	102,000	97,200	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1100	42.3	50	
10	YHC120A3ELA0000	11.2/10.7 <sup>ⓐ</sup>	116,000	121,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1203	48.6	60	
<b>YHC –460/3/60 – Three Phase – Low Heat</b>												
6	YHC072A4ELA0000	11.5/11.3 <sup>ⓐ</sup>	72,000	64,800	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	915	17.5	25	
7½	YHC092A4ELA0000	11.5/11.3 <sup>ⓐ</sup>	90,000	97,200	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1066	19.4	25	
8½	YHC102A4ELA0000	11.5/11.3 <sup>ⓐ</sup>	102,000	97,200	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1100	21.4	25	
10	YHC120A4ELA0000	11.2/10.7 <sup>ⓐ</sup>	116,000	121,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1203	25.3	30	
<b>YHC –575/3/60 – Three Phase – Low Heat</b>												
6	YHC072AWELA0000	11.5/11.3 <sup>ⓐ</sup>	72,000	64,800	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	915	13.5	20	
7½	YHC092AWELA0000	11.5/11.3 <sup>ⓐ</sup>	90,000	97,200	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1066	14.8	15	
8½	YHC102AWELA0000	11.5/11.3 <sup>ⓐ</sup>	102,000	97,200	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1100	16.6	20	
10	YHC120AWELA0000	11.2/10.7 <sup>ⓐ</sup>	116,000	121,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1203	19.9	25	
<b>YHC –208-230/3/60 – Three Phase – Medium Heat</b>												
6	YHC072A3EMA0000	11.5/11.3 <sup>ⓐ</sup>	72,000	97,200	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	915	34.8	50	
7½	YHC092A3EMA0000	11.5/11.3 <sup>ⓐ</sup>	90,000	121,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1066	38.1	50	
8½	YHC102A3EMA0000	11.5/11.3 <sup>ⓐ</sup>	102,000	121,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1100	42.3	50	
10	YHC120A3EMA0000	11.2/10.7 <sup>ⓐ</sup>	116,000	162,000	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1203	48.6	60	
<b>YHC –460/3/60 – Three Phase – Medium Heat</b>												
6	YHC072A4EMA0000	11.4/11.0 <sup>ⓐ</sup>	72,000	97,200	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	915	17.5	25	
7½	YHC092A4EMA0000	11.4/11.0 <sup>ⓐ</sup>	90,000	121,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1066	19.4	25	
8½	YHC102A4EMA0000	11.4/11.0 <sup>ⓐ</sup>	102,000	121,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1100	21.4	25	
10	YHC120A4EMA0000	11.3/10.8 <sup>ⓐ</sup>	116,000	162,000	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1203	25.3	30	
<b>YHC –575/3/60 – Three Phase – Medium Heat</b>												
6	YHC072AWEMA0000	11.4/11.0 <sup>ⓐ</sup>	72,000	97,200	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	915	13.5	20	
7½	YHC092AWEMA0000	11.4/11.0 <sup>ⓐ</sup>	90,000	121,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1066	14.8	15	
8½	YHC102AWEMA0000	11.4/11.0 <sup>ⓐ</sup>	102,000	121,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1100	16.6	20	
10	YHC120AWEMA0000	11.3/10.8 <sup>ⓐ</sup>	116,000	162,000	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1203	19.9	25	
<b>YHC –208-230/3/60 – Three Phase – High Heat</b>												
6	YHC072A3EHA0000	11.4/11.0 <sup>ⓐ</sup>	72,000	121,500	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	915	34.8	50	
7½	YHC092A3EHA0000	11.4/11.0 <sup>ⓐ</sup>	90,000	162,000	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1066	38.1	50	
8½	YHC102A3EHA0000	11.4/11.0 <sup>ⓐ</sup>	102,000	162,000	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1100	42.3	50	
10	YHC120A3EHA0000	11.3/10.8 <sup>ⓐ</sup>	116,000	202,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1203	48.6	60	
<b>YHC –460/3/60 – Three Phase – High Heat</b>												
6	YHC072A4EHA0000	11.4/11.0 <sup>ⓐ</sup>	72,000	121,500	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	915	17.5	25	
7½	YHC092A4EHA0000	11.4/11.0 <sup>ⓐ</sup>	90,000	162,000	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1066	19.4	25	
8½	YHC102A4EHA0000	11.4/11.0 <sup>ⓐ</sup>	102,000	162,000	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1100	21.4	25	
10	YHC120A4EHA0000	11.3/10.8 <sup>ⓐ</sup>	116,000	202,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1203	25.3	30	
<b>YHC –575/3/60 – Three Phase – High Heat</b>												
6	YHC072AWEHA0000	11.4/11.0 <sup>ⓐ</sup>	72,000	121,500	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	915	13.5	20	
7½	YHC092AWEHA0000	11.4/11.0 <sup>ⓐ</sup>	90,000	162,000	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1066	14.8	15	
8½	YHC102AWEHA0000	11.4/11.0 <sup>ⓐ</sup>	102,000	162,000	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1100	16.6	20	
10	YHC120AWEHA0000	11.3/10.8 <sup>ⓐ</sup>	116,000	202,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1203	19.9	25	

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

ⓐ Downflow Airflow/Horizontal Airflow

ⓑ HCAR Breaker per NEC.

ⓓ SEER applies, 3-5 tons; EER applies 6-10 tons.





# Packaged Gas/Electric Convertible 3-10 Tons

Table PG-29-A — Base Unit — High Efficiency — ReliaTel™ Microprocessor Controls

Tons	Unit Ordering No.	Performance <sup>③</sup> SEER/EER	Heating Output <sup>①</sup>			Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA*	Max. <sup>②</sup> Fuse*
			Cooling Capacity (Btuh)	Capacity (Btuh)	AFUE%						
<b>YHC –208-230/3/60 – Three Phase – Low Heat</b>											
6	YHC072A3RLA0000	11.4/11.0 <sup>③</sup>	72,000	64,800	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	915	34.8	50
7½	YHC092A3RLA0000	11.4/11.0 <sup>③</sup>	90,000	97,200	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1066	38.1	50
8½	YHC102A3RLA0000	11.4/11.0 <sup>③</sup>	102,000	97,200	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1100	42.3	50
10	YHC120A3RLA0000	11.3/10.8 <sup>③</sup>	116,000	121,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1203	48.6	60
<b>YHC –460/3/60 – Three Phase – Low Heat</b>											
6	YHC072A4RLA0000	11.4/11.0 <sup>③</sup>	72,000	64,800	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	915	17.5	25
7½	YHC092A4RLA0000	11.4/11.0 <sup>③</sup>	90,000	97,200	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1066	19.4	25
8½	YHC102A4RLA0000	11.4/11.0 <sup>③</sup>	102,000	97,200	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1100	21.4	25
10	YHC120A4RLA0000	11.3/10.8 <sup>③</sup>	116,000	121,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1203	25.3	30
<b>YHC –575/3/60 – Three Phase – Low Heat</b>											
6	YHC072AWRLA0000	11.4/11.0 <sup>③</sup>	72,000	64,800	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	915	13.5	20
7½	YHC092AWRLA0000	11.4/11.0 <sup>③</sup>	90,000	97,200	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1066	14.8	15
8½	YHC102AWRLA0000	11.4/11.0 <sup>③</sup>	105,000	97,200	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1100	16.6	20
10	YHC120AWRLA0000	11.3/10.8 <sup>③</sup>	116,000	121,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1203	19.9	25
<b>YHC –208-230/3/60 – Three Phase – Medium Heat</b>											
6	YHC072A3RMA0000	11.4/11.0 <sup>③</sup>	72,000	97,200	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	915	34.8	50
7½	YHC092A3RMA0000	11.4/11.0 <sup>③</sup>	90,000	121,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1066	38.1	50
8½	YHC102A3RMA0000	11.4/11.0 <sup>③</sup>	102,000	121,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1100	42.3	50
10	YHC120A3RMA0000	11.3/10.8 <sup>③</sup>	116,000	162,000	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1203	48.6	60
<b>YHC –460/3/60 – Three Phase – Medium Heat</b>											
6	YHC072A4RMA0000	11.4/11.0 <sup>③</sup>	72,000	97,200	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	915	17.5	25
7½	YHC092A4RMA0000	11.4/11.0 <sup>③</sup>	90,000	121,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1066	19.4	25
8½	YHC102A4RMA0000	11.4/11.0 <sup>③</sup>	102,000	121,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1100	21.4	25
10	YHC120A4RMA0000	11.3/10.8 <sup>③</sup>	116,000	162,000	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1203	25.3	30
<b>YHC –575/3/60 – Three Phase – Medium Heat</b>											
6	YHC072AWRMA0000	11.4/11.0 <sup>③</sup>	72,000	97,200	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	915	13.5	20
7½	YHC092AWRMA0000	11.4/11.0 <sup>③</sup>	90,000	121,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1066	14.8	15
8½	YHC102AWRMA0000	11.4/11.0 <sup>③</sup>	102,000	121,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1100	16.6	20
10	YHC120AWRMA0000	11.3/10.8 <sup>③</sup>	116,000	162,000	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1203	19.9	25
<b>YHC –208-230/3/60 – Three Phase – High Heat</b>											
6	YHC072A3RHA0000	11.4/11.0 <sup>③</sup>	72,000	121,500	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	915	34.8	50
7½	YHC092A3RHA0000	11.4/11.0 <sup>③</sup>	90,000	162,000	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1066	38.1	50
8½	YHC102A3RHA0000	11.4/11.0 <sup>③</sup>	102,000	162,000	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1100	42.3	50
10	YHC120A3RHA0000	11.3/10.8 <sup>③</sup>	116,000	202,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1203	48.6	60
<b>YHC –460/3/60 – Three Phase – High Heat</b>											
6	YHC072A4RHA0000	11.4/11.0 <sup>③</sup>	72,000	121,500	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	915	17.5	25
7½	YHC092A4RHA0000	11.4/11.0 <sup>③</sup>	90,000	162,000	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1066	19.4	25
8½	YHC102A4RHA0000	11.4/11.0 <sup>③</sup>	102,000	162,000	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1100	21.4	25
10	YHC120A4RHA0000	11.3/10.8 <sup>③</sup>	116,000	202,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1203	25.3	30
<b>YHC –575/3/60 – Three Phase – High Heat</b>											
6	YHC072AWRHA0000	11.4/11.0 <sup>③</sup>	72,000	121,500	81	41 x 53 x 89	33 x 17.5	32.13 x 17.5	915	13.5	20
7½	YHC092AWRHA0000	11.4/11.0 <sup>③</sup>	90,000	162,000	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1066	14.8	15
8½	YHC102AWRHA0000	11.4/11.0 <sup>③</sup>	102,000	162,000	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1100	16.6	20
10	YHC120AWRHA0000	11.3/10.8 <sup>③</sup>	116,000	202,500	81	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1203	19.9	25

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

① Downflow Airflow/Horizontal Airflow

② HCAR Breaker per NEC.

③ SEER applies, 3-5 tons; EER applies 6-10 tons.

## Packaged Gas/Electric Convertible 3-10 Tons (Model Digit Numbers)

Digit	Description	Order Number	Digit	Description	Order Number
1-8	<b>Main Assembly (see previous page)</b>		19	<b>Disconnect/Circuit Breaker/Phase Monitor (3 phase only)</b>	
9	<b>Unit Controls</b>			No Disconnect Circuit Breaker/No Phase Monitor .....	0
	Electromechanical .....	E		Non-Fused Disconnect <sup>⑤</sup> .....	1
	Unit Controls -ReliaTel™ Micro-processor .....	R		Circuit Breaker <sup>⑥</sup> .....	2
10	<b>Heating Capacity</b>			Phase Monitor <sup>⑥</sup> .....	3
	Low .....	L		Phase Monitor <sup>⑥</sup> & Non-Fused Disconnect Switch .....	4
	Medium .....	M		Phase Monitor <sup>⑥</sup> & Circuit Breaker .....	5
	High .....	H	20	<b>Convenience Outlet</b>	
	Low - Stainless Steel Heat Exchanger .....	X		No Convenience Outlet .....	0
	Medium - Stainless Steel Heat Exchanger .....	Y		Unpowered Convenience Outlet .....	A
	High - Stainless Steel Heat Exchanger .....	Z		Powered Convenience Outlet (3 phase only) <sup>③</sup> .....	B
11	<b>Minor Design Sequence</b>		21	<b>Communications Options<sup>⑦</sup></b>	
	First Sequence .....	A		No Communications Interface .....	0
12-13	<b>Service Sequence</b>			Comm 3/4 Communications Interface .....	1
	First Sequence (Factory assigned) .....	*,*		LonTalk® Communications Interface .....	2
14	<b>Fresh Air Selection</b>			Novar 2024 Controls .....	3
	No Fresh Air .....	0		Novar 3051 Controls .....	4
	0-50% Manual Outside Air Damper <sup>④</sup> .....	A	22	<b>Refrigeration System Option</b>	
	0-50% Motorized Outside Air Damper .....	B		Standard Refrigeration System <sup>④</sup> .....	0
	0-100% Economizer, Dry Bulb without			Thermal Expansion Value (TXV) <sup>④</sup> .....	A
	Barometric Relief <sup>②</sup> .....	C		Dehumidification (Hot Gas Reheat Coil) <sup>④</sup> .....	B
	0-100% Economizer, Dry Bulb with		23	<b>Refrigeration Controls</b>	
	Barometric Relief <sup>②</sup> .....	D		No Refrigeration Control .....	0
	0-100% Economizer, Reference Enthalpy			High Pressure Control <sup>⑥⑦</sup> .....	1
	without Barometric Relief <sup>①②</sup> .....	E		Froststat <sup>⑤</sup> .....	2
	0-100% Economizer, Reference Enthalpy			Crankcase Heater .....	3
	with Barometric Relief <sup>①②</sup> .....	F		High Pressure Control <sup>⑥⑦</sup> and Froststat <sup>⑤</sup> .....	4
	0-100% Economizer, Comparative Enthalpy			High Pressure Control <sup>⑥⑦</sup> and Crankcase Heater .....	5
	without Barometric Relief <sup>①②</sup> .....	G		Froststat <sup>⑤</sup> and Crankcase Heater <sup>⑥</sup> .....	6
	0-100% Economizer, Comparative Enthalpy			High Pressure Control <sup>⑥⑦</sup> , Froststat <sup>⑤</sup> and	
	with Barometric Relief <sup>①②</sup> .....	H		Crankcase Heater <sup>⑥</sup> .....	7
15	<b>Supply Fan/Drive Type/Motor</b>		24	<b>Smoke Detector<sup>⑦⑧</sup></b>	
	Standard Drive .....	0		No Smoke Detector .....	0
	Oversized Motor .....	1		Return Air Smoke Detector <sup>⑧⑨</sup> .....	A
	Optional Belt Drive Motor (3 phase only) .....	2		Supply Air Smoke Detector .....	B
16	<b>Hinged Service Access &amp; Filters</b>			Supply and Return Air Smoke Detectors <sup>⑧⑨</sup> .....	C
	Standard Panels & Filters .....	0	25	<b>Monitoring Controls<sup>⑦</sup></b>	
	Hinged Access Panels & Standard Filters .....	A		No Monitoring Control <sup>⑩</sup> .....	0
	Standard panels & 2" Pleated Filters .....	B		Clogged Filter Switch <sup>⑩</sup> .....	1
	Hinged Access Panels & 2" Pleated Filters .....	C		Fan Failure Switch <sup>⑩</sup> .....	2
17	<b>Condenser Coil Protection</b>			Discharge Air Sensing Tube <sup>⑩</sup> .....	3
	Standard Coil .....	0		Clogged Filter Switch and Fan Fail Switch <sup>⑩</sup> .....	4
	Standard Coil with Hail Guard .....	1		Clogged Filter Switch and Discharge	
	Epoxy Coated Condenser Coil .....	2		Air Sensing Tube <sup>⑩</sup> .....	5
	Epoxy Coated Condenser Coil with Hail Guard .....	3		Fan Fail Switch and Discharge Air Sensing Tube <sup>⑩</sup> .....	6
18	<b>Through the Base Provisions</b>			Clogged Filter and Fan Fail Switches	
	No Through the Base Provisions .....	0		and Discharge Air Sensing Tube <sup>⑩</sup> .....	7
	Through the Base Electric <sup>⑪</sup> .....	A		Novar Return Air Sensor <sup>⑩</sup> .....	8
	Through the Base Gas .....	B			
	Through the Base Gas and Electric <sup>⑪</sup> .....	C			

① Enthalpy control not available factory installed with electro-mechanical controls.  
 ② Economizer with Barometric Relief is for downflow configured units only. Order Economizer without Barometric Relief for horizontal configuration. Barometric relief for horizontal configured units must be ordered as field installed accessory BAYBARM010A.  
 ③ Requires use of Disconnect or Circuit Breaker.  
 ④ Standard refrigeration metering device - short orifice.  
 ⑤ Froststat cannot be field installed in electro-mechanical units.  
 ⑥ High Pressure control is standard on 3 phase units with scroll compressors and in YSC036A.  
 ⑦ Not available with BAYFRST001A High Temperature Stat accessory.  
 ⑧ The return air smoke detector may not fit up or work properly on the Convertible units when used in conjunction with 3rd party accessories such as bolt on heat wheels, economizers and power exhaust. Do not order the return air smoke detectors when using this type of accessory.

⑨ Return Air Smoke Detector cannot be ordered with Novar Controls.  
 ⑩ These options are standard when ordering Novar Controls.  
 ⑪ This option is used when ordering Novar Controls.  
 ⑫ Includes gas piping and shutoff (field assembly required).  
 ⑬ The manual outside air damper will ship factory supplied within the unit, but must be field installed.  
 ⑭ Requires Selection of 2" Pleated Filters (Option B or C) for Digit 16.  
 ⑮ Through the base electric required when ordering disconnect/circuit breaker options.  
 ⑯ Phase Monitor is standard on T/Y/WSC060A3,4,W models. All other models phase monitor will be an option.  
 ⑰ Not available with electro-mechanical controls.





# Packaged Gas/Electric Convertible 3-10 Tons

Table PG-31-A — Accessories

Model Number	Description	Used With <sup>Ⓢ</sup>
BAYABRD001C <sup>⑤</sup>	ReliaTel™ Options Module	See Note <sup>⑦</sup>
BAYASCT001 <sup>②②</sup>	Anti-Short-Cycle Timer	Y*C036-060(A or E), Y*C072-120A_E
BAYBARM011A <sup>⑥</sup>	Barometric Relief	Y*C072-120A
BAYBARM010A <sup>⑥</sup>	Barometric Relief	Y*C036-060(A or E)
BAYCCHT010B	Crankcase Heater	YSC072A1,A3, Y*C092-120A3, YHC072A1,A3
BAYCCHT011B	Crankcase Heater	YSC072A4,AW, Y*C092-120A4,AW, YHC072A4,AW
BAYCCHT012A	Crankcase Heater	Y*C090A3
BAYCCHT013A	Crankcase Heater	Y*C090A4
BAYCCHT014A	Crankcase Heater	Y*C090AW
ASYSTAT712A <sup>⑤⑥</sup>	CO <sup>2</sup> Sensor Kit, Wall Mounted	Y*C036-060(A or E), Y*C072-120A_R
ASYSTAT714A <sup>⑤⑥</sup>	CO <sup>2</sup> Sensor Kit, Duct Mounted	Y*C036-060(A or E), Y*C072-120A_R
BAYCURB042A <sup>④</sup>	Roof Curb	Y*C036-060(A or E)
BAYCURB043A <sup>④</sup>	Roof Curb	Y*C072-120A
BAYDFPS003A <sup>⑤⑦</sup>	Clogged Filter Switch	Y*C036-060(A or E), Y*C072-120A_R
BAYDFPS004A <sup>⑤⑦</sup>	Fan Failure Switch	Y*C036-060(A or E), Y*C072-120A_R
BAYDMPR051A <sup>⑤</sup>	0-50% Motorized Outside Air Damper	Y*C036-060(A or E)
BAYDMPR052A <sup>⑤</sup>	0-50% Motorized Outside Air Damper	Y*C036-060(A or E)_E
BAYDMPR053B <sup>④</sup>	0-50% Manual Outside Air Damper	Y*C036-060(A or E)
BAYDMPR054A <sup>⑤</sup>	0-50% Motorized Outside Air Damper	Y*C072-120A_R
BAYDMPR055A <sup>⑤</sup>	0-50% Motorized Outside Air Damper	Y*C072-120A_E
BAYDMPR056B <sup>④</sup>	0-50% Manual Outside Air Damper	Y*C072-120A
BAYECON085A <sup>⑤</sup>	0-100% Dry Bulb Economizer without Barometric Relief	Y*C036-060(A or E)_R
BAYECON086A <sup>⑤</sup>	0-100% Dry Bulb Economizer without Barometric Relief	Y*C036-060(A or E)_E
BAYECON087A <sup>⑤</sup>	0-100% Dry Bulb Economizer without Barometric Relief	Y*C072-120A_R
BAYECON088A <sup>⑤</sup>	0-100% Dry Bulb Economizer without Barometric Relief	Y*C072-120A_E
BAYENTH005A <sup>①</sup>	Reference Enthalpy Kit	BAYECON085A, 087A
BAYENTH006A <sup>①</sup>	Comparative Enthalpy Kit	BAYECON085A, 087A
BAYENTH001A	Enthalpy Control (Solid State)	BAYECON086A, 088A
BAYFRST001A	High Temperature Stat	Y*C036-060(A or E), Y*072-120A_E
BAYGARD036B	Condenser Coil Hail Guard	YSC036-060(A or E)**L,M, YHC036-048(A or E)**L,M
BAYGARD037B	Condenser Coil Hail Guard	YSC036-060(A or E)**H, YHC036-048(A or E)**H, YHC060(A or E)**L,M,H
BAYGARD040B	Condenser Coil Hail Guard	YSC072A,090A,092A,YHC072A
BAYGARD041B	Condenser Coil Hail Guard	YSC102A,120A,YHC092,102A,120A
BAYHAKT010B	High Altitude Kit	Y*C036-060(A or E), Y*C072-120A
BAYHSDR012A	High Static Drive Kit	Y*C072A,YSC090, 092A
BAYHSMT073A	.45 HP Oversized motor kit	Y*C036(A or E)1,(A or E)3
BAYHSMT074A	.45 HP Oversized motor kit	Y*C036(A or E)4
BAYHSMT075A	.45 HP Oversized motor kit	Y*C036(A or E)W
BAYHSMT076A	.75 HP Oversized motor kit	Y*C048(A or E)1,(A or E)3
BAYHSMT077A	.75 HP Oversized motor kit	Y*C048(A or E)4
BAYHSMT078A	.75 HP Oversized motor kit	Y*C048(A or E)W
BAYHSMT079A	1.2 HP Oversized motor kit	Y*C060(A or E)1,(A or E)3
BAYHSMT080A	1.2 HP Oversized motor kit	Y*C060(A or E)4
BAYHSMT081A	1.2 HP Oversized motor kit	Y*C060(A or E)W
BAYHSMT082A	2 HP Oversized motor kit	Y*C072A3,A4
BAYHSMT083A	2 HP Oversized motor kit	Y*C072AW
BAYHSMT084A	3 HP Oversized motor kit	YSC090,092A3, A4
BAYHSMT085A	3 HP Oversized motor kit	YSC090,092AW
BAYHSMT086A	3 HP Oversized motor kit	Y*C102A3,A4,YHC092A3, A4
BAYHSMT087A	3 HP Oversized motor kit	Y*C102AW,YHC092AW
BAYHSMT088A	5 HP Oversized motor kit	Y*C120A3,A4
BAYHSMT089A	5 HP Oversized motor kit	Y*C120AW
BAYICS1003A <sup>⑤⑩</sup>	Comm 3/4 Communications Interface (TCI)	Y*C036-060(A or E), Y*C072-120A_R
BAYKSKT255A	Quick Start Kit	YSC048-060(A or E)1
BAYKSKT256A	Quick Start Kit	YSC036(A or E)1
BAYLOAM020B <sup>②⑦</sup>	Evaporator Defrost Control (Frostat)	Y*C036-060(A or E)_R
BAYLPKT028B	LP Conversion Kit	Y*C036-060(A or E), Y*C072L,M,Y*C090L,092L,Y*C102L
BAYLPKT029A	LP Conversion Kit	Y*C072A**H, Y*C090,092,102A**M,H,Y*C120A**L,M,H
BAYLTCL002B <sup>⑤</sup>	LonTalk® Communications Interface (LCI)	Y*C036-060(A or E), Y*C072-120A_R
BAYPWRX026A <sup>⑩</sup>	Power Exhaust	Y*C072-120A3
BAYPWRX027A <sup>⑩</sup>	Power Exhaust	Y*C072-120A4
BAYPWRX028A <sup>⑩</sup>	Power Exhaust	Y*C072-120AW
BAYQACB009A <sup>④⑥</sup>	Quick Adapt Curb	Y*C036-060(A or E)
BAYQACB010A <sup>④⑥</sup>	Quick Adapt Curb	Y*C036-060(A or E)
BAYQACB011A <sup>④⑥</sup>	Quick Adapt Curb	Y*C072-120A
BAYQACB012A <sup>④⑥</sup>	Quick Adapt Curb	Y*C072-120A
BAYQACB013A <sup>④⑥</sup>	Quick Adapt Curb	Y*C072-120A
BAYSENS016A <sup>⑤</sup>	Temperature Sensor	Y*C036-060(A or E), Y*C072-120A_R
BAYSERV001A <sup>⑤</sup>	Selective Resistance Service Tester	Y*C036-060(A or E)_R
BAYSTAT023 <sup>⑤</sup>	Remote Potentiometer	BAYECON085A
BAYTUBE004A <sup>⑤⑥⑦</sup>	Discharge Air Sensing Kit	Y*C036-060(A or E)_R
BAYTUBE006A <sup>⑤⑥⑦</sup>	Discharge Air Sensing Kit	Y*C036-060(A or E), Y*C072-120A_R
BAYVNR001B <sup>⑤⑦⑧</sup>	Ventilation Override Kit	Y*C036-060(A or E), Y*C072-120A_R

- ① Kits contain all necessary parts to achieve desired level of enthalpy control.
- ② For use with ReliaTel™ microprocessor controlled units only. Must be factory installed for Electromechanical controlled units.
- ③ Used for true discharge air sensing in both heating and cooling. Required for supply air tempering.
- ④ Lynn Haven Manufacturing has a No-Return policy for this roof curb.
- ⑤ For use with ReliaTel™ controlled units only.
- ⑥ Installs in ductwork for horizontal configuration. For downflow configuration, it installs in the unit's horizontal return duct. See Installer's Guide for more information.

- ⑦ BAYABRD001C is required when ordering field installed accessories Clogged Filter Switch (BAYDFPS003A), Fan Fail Switch (BAYDFPS004A), Discharge Air Sensing Kit (BAYTUBE004A or BAYTUBE005A) or Evaporator Defrost Control (Frostat) (BAYLOAM020B) Ventilation Override Kit (BAYVNR001B) unless the following options are factory installed: Frostat, Smoke Detector, Clogged Filter Switch, Fan Failure Switch, Discharge Air Sensing Kit. **These factory installed options include the ReliaTel™ Options Module.**

- ⑧ BAYQACB009A adapts dedicated airflow rooftop BAYCURB021B to accept Convertible 3-5 ton unit. BAYQACB010A adapts dedicated airflow rooftop BAYCURB022B to accept Convertible 3-5 ton unit. BAYQACB012A adapts dedicated airflow rooftop BAYCURB025B to accept Convertible 6-10 ton unit.

- BAYQACB013A adapts dedicated airflow rooftop BAYCURB026B to accept Convertible 6-10 ton unit. BAYQACB011A adapts dedicated airflow rooftop BAYCURB022B to accept Convertible 6-10 ton unit.
- ⑨ Electromechanical controlled units only
- ⑩ Interface allows 3-10 ton units with ReliaTel™ Controls to communicate with Tracer 100, Tracker, VariTrac II, and is the preferred method of communication to Tracer Summit.
- ⑪ Power Exhaust cannot be used with Barometric Relief. Order Economizer without Barometric Relief.
- ⑫ Activated on Power on.
- ⑬ Field installed accessory. Requires an economizer.
- ⑭ The manual outside air damper will ship factory supplied within the unit, but must be field installed.
- ⑮ A=R-22, E=410A



# Packaged Gas/Electric Convertible 3 through 10 Tons

**Table PG-32-A — Zone Sensors for ReliaTel™ Controlled Units**

Model Number	Description	Used with
ASYSTAT661B	Single Setpoint Manual Changeover	Y*C036-120A_R
ASYSTAT663B	Dual Setpoint Manual or Auto Changeover	Y*C036-120A_R
ASYSTAT666C	Programmable Night Setback with System Function Lights	Y*C 036-120A_R
ASYSTAT669B	Remote Room Sensor	ASYSTAT661B,663B, ASYSTAT666C
ASYSTAT708A	Dual Thermistor Remote Zone Sensor	Y*036-120A_R
ASYSTAT709A	Digital Display Zone Sensor	Y*036-120A_R
ASYSTAT710A	Wall Mounted Humidity Sensor	Y*036-120A_R
ASYSTAT711A	Duct Mounted Humidity Sensor	Y*036-120A_R
BAYMTPL003B	Retrofit Wall Cover Plate Kit 7.25" x 6.0"	ASYSTAT666C
BAYMTPL004B	Retrofit Wall Cover Plate Kit 4.75" x 4.75"	ASYSTAT661B,663B, ASYSTAT669A

**Table PG-32-B — Thermostats**

Model Number	Description	Used with
ASYSTAT705B <sup>①</sup>	Programmable Thermostat	Y*C036-120A
BAYBASE008A	1-Stage Heating/Cooling Subbase	ASYSTAT705B
BAYBASE006A	2-Stage Heating/Cooling Subbase	ASYSTAT705B
ASYSTAT620 <sup>②</sup>	Prog. Electronic Setback 3 htg/2 clg	Y*C036-120A_E
ASYSTAT610 <sup>③</sup>	1-Stage Heating/Cooling	ASYSTAT616,617
ASYSTAT611 <sup>③</sup>	2-Stage Heating/Cooling	ASYSTAT616,617
ACONT200AN11AA	Electronic 1 Htg/1 Clg (non-prog.)	Y*C036-090A
ASYSTAT616	Auto Subbase	ASYSTAT610,611
ASYSTAT617	Manual Subbase	ASYSTAT610,611
ASYSTAT706A	Remote Wall Sensor	ASYSTAT705B
BAYSENS034A	Duct Temperature Sensor	ASYSTAT706A
AY28X190 <sup>④</sup>	Locking Thermostat Cover for up to 4 units	Room Thermostats

<sup>①</sup> Requires BAYBASE006A or BAYBASE008A.

<sup>②</sup> Do not use with Programmable Thermostats.

<sup>③</sup> Requires Subbase.

<sup>④</sup> Do not use with ReliaTel™ controlled units.

\* Either standard or high efficiency models

**For additional Controls Information:  
See ReliaTel™ and Micro Control features on PC-35 and PC-36.**



# Light Commercial Gas Electrics New Model Number Quick Reference

Table PG-33-A — Quick Reference

Horizontal	Downflow	Controls	Ordering Number	Service Model Number
	YCD036C1L0B	Micro-Proc Electro-Mech	YSC036*1RLA0000 YSC036*1ELA0000	YSC036*1RLA**000000000000 YSC036*1ELA**000000000000
	Medium Heat	Micro-Proc Electro-Mech	YSC036*1RMA0000 YSC036*1EMA0000	YSC036*1RMA**000000000000 YSC036*1EMA**000000000000
	YCD036C1H0B	Micro-Proc Electro-Mech	YSC036*1RHA0000 YSC036*1EHA0000	YSC036*1RHA**000000000000 YSC036*1EHA**000000000000
	YCD036C3L0B	Micro-Proc Electro-Mech	YSC036*3RLA0000 YSC036*3ELA0000	YSC036*3RLA**000000000000 YSC036*3ELA**000000000000
	Medium Heat	Micro-Proc Electro-Mech	YSC036*3RMA0000 YSC036*3EMA0000	YSC036*3RMA**000000000000 YSC036*3EMA**000000000000
	YCD036C3H0B	Micro-Proc Electro-Mech	YSC036*3RHA0000 YSC036*3EHA0000	YSC036*3RHA**000000000000 YSC036*3EHA**000000000000
	YCD036C4L0B	Micro-Proc Electro-Mech	YSC036*4RLA0000 YSC036*4ELA0000	YSC036*4RLA**000000000000 YSC036*4ELA**000000000000
	Medium Heat	Micro-Proc Electro-Mech	YSC036*4RMA0000 YSC036*4EMA0000	YSC036*4RMA**000000000000 YSC036*4EMA**000000000000
	YCD036C4H0B	Micro-Proc Electro-Mech	YSC036*4RHA0000 YSC036*4EHA0000	YSC036*4RHA**000000000000 YSC036*4EHA**000000000000
YCH048C1L0B	YCD048C1L0B	Micro-Proc Electro-Mech	YSC048*1RLA0000 YSC048*1ELA0000	YSC048*1RLA**000000000000 YSC048*1ELA**000000000000
	Medium Heat	Micro-Proc Electro-Mech	YSC048*1RMA0000 YSC048*1EMA0000	YSC048*1RMA**000000000000 YSC048*1EMA**000000000000
YCH048C1H0B	YCD048C1H0B	Micro-Proc Electro-Mech	YSC048*1RHA0000 YSC048*1EHA0000	YSC048*1RHA**000000000000 YSC048*1EHA**000000000000
YCH048C3L0B	YCD048C3L0B	Micro-Proc Electro-Mech	YSC048*3RLA0000 YSC048*3ELA0000	YSC048*3RLA**000000000000 YSC048*3ELA**000000000000
	Medium Heat	Micro-Proc Electro-Mech	YSC048*3RMA0000 YSC048*3EMA0000	YSC048*3RMA**000000000000 YSC048*3EMA**000000000000
YCH048C3H0B	YCD048C3H0B	Micro-Proc Electro-Mech	YSC048*3RHA0000 YSC048*3EHA0000	YSC048*3RHA**000000000000 YSC048*3EHA**000000000000
YCH048C4L0B	YCD048C4L0B	Micro-Proc Electro-Mech	YSC048*4RLA0000 YSC048*4ELA0000	YSC048*4RLA**000000000000 YSC048*4ELA**000000000000
	Medium Heat	Micro-Proc Electro-Mech	YSC048*4RMA0000 YSC048*4EMA0000	YSC048*4RMA**000000000000 YSC048*4EMA**000000000000
YCH048C4H0B	YCD048C4H0B	Micro-Proc Electro-Mech	YSC048*4RHA0000 YSC048*4EHA0000	YSC048*4RHA**000000000000 YSC048*4EHA**000000000000
YCH048CWL0B	YCD048CWL0B	Micro-Proc Electro-Mech	YSC048*WRLA0000 YSC048*WELA0000	YSC048*WRLA**000000000000 YSC048*WELA**000000000000
	Medium Heat	Micro-Proc Electro-Mech	YSC048*WRMA0000 YSC048*WEMA0000	YSC048*WRMA**000000000000 YSC048*WEMA**000000000000
YCH048CWH0B	YCD048CWH0B	Micro-Proc Electro-Mech	YSC048*WRHA0000 YSC048*WEHA0000	YSC048*WRHA**000000000000 YSC048*WEHA**000000000000

NOTE: N/A indicates that an Ordering Number has not yet been set up for the indicated model.

\* Digit 7- A=R-22, E=410A.



# Light Commercial Gas Electrics New Model Number Quick Reference

Table PG-34-A — Quick Reference

Horizontal	Downflow	Controls	Ordering Number	Service Model Number
YCH060C1L0B	YCD060C1L0B Medium Heat	Micro-Proc	YSC060*1RLA0000	YSC060*1RLA**000000000000
		Electro-Mech	YSC060*1ELA0000	YSC060*1ELA**000000000000
		Micro-Proc	YSC060*1RMA0000	YSC060*1RMA**000000000000
YCH060C1H0B	YCD060C1H0B	Electro-Mech	YSC060*1EMA0000	YSC060*1EMA**000000000000
		Micro-Proc	YSC060*1RHA0000	YSC060*1RHA**000000000000
		Electro-Mech	YSC060*1EHA0000	YSC060*1EHA**000000000000
YCH060C3L0B	YCD060C3L0B Medium Heat	Micro-Proc	YSC060*3RLA0000	YSC060*3RLA**000000000000
		Electro-Mech	YSC060*3ELA0000	YSC060*3ELA**000000000000
		Micro-Proc	YSC060*3RMA0000	YSC060*3RMA**000000000000
YCH060C3H0B	YCD060C3H0B	Electro-Mech	YSC060*3EMA0000	YSC060*3EMA**000000000000
		Micro-Proc	YSC060*3RHA0000	YSC060*3RHA**000000000000
		Electro-Mech	YSC060*3EHA0000	YSC060*3EHA**000000000000
YCH060C4L0B	YCD060C4L0B Medium Heat	Micro-Proc	YSC060*4RLA0000	YSC060*4RLA**000000000000
		Electro-Mech	YSC060*4ELA0000	YSC060*4ELA**000000000000
		Micro-Proc	YSC060*4RMA0000	YSC060*4RMA**000000000000
YCH060C4H0B	YCD060C4H0B	Electro-Mech	YSC060*4EMA0000	YSC060*4EMA**000000000000
		Micro-Proc	YSC060*4RHA0000	YSC060*4RHA**000000000000
		Electro-Mech	YSC060*4EHA0000	YSC060*4EHA**000000000000
YCH060CWL0B	YCD060CWL0B Medium Heat	Micro-Proc	YSC060*WRLA0000	YSC060*WRLA**000000000000
		Electro-Mech	YSC060*WELA0000	YSC060*WELA**000000000000
		Micro-Proc	YSC060*WRMA0000	YSC060*WRMA**000000000000
YCH060CWH0B	YCD060CWH0B	Electro-Mech	YSC060*WEMA0000	YSC060*WEMA**000000000000
		Micro-Proc	YSC060*WRHA0000	YSC060*WRHA**000000000000
		Electro-Mech	YSC060*WEHA0000	YSC060*WEHA**000000000000
YCH074C3L0B	YCD074C3L0B Medium Heat	Micro-Proc	YSC072*3RLA0000	YSC072*3RLA**000000000000
		Electro-Mech	YSC072*3ELA0000	YSC072*3ELA**000000000000
		Micro-Proc	YSC072*3RMA0000	YSC072*3RMA**000000000000
YCH074C3H0B	YCD074C3H0B	Electro-Mech	YSC072*3EMA0000	YSC072*3EMA**000000000000
		Micro-Proc	YSC072*3RHA0000	YSC072*3RHA**000000000000
		Electro-Mech	YSC072*3EHA0000	YSC072*3EHA**000000000000
YCH074C4L0B	YCD074C4L0B Medium Heat	Micro-Proc	YSC072*4RLA0000	YSC072*4RLA**000000000000
		Electro-Mech	YSC072*4ELA0000	YSC072*4ELA**000000000000
		Micro-Proc	YSC072*4RMA0000	YSC072*4RMA**000000000000
YCH074C4H0B	YCD074C4H0B Low Heat Medium Heat High Heat	Electro-Mech	YSC072*4EMA0000	YSC072*4EMA**000000000000
		Micro-Proc	YSC072*4RHA0000	YSC072*4RHA**000000000000
		Electro-Mech	YSC072*4EHA0000	YSC072*4EHA**000000000000
YCH074C4H0B	YCD074C4H0B	Micro-Proc	YSC072*WRLA0000	YSC072*WRLA**000000000000
		Electro-Mech	YSC072*WELA0000	YSC072*WELA**000000000000
		Micro-Proc	YSC072*WRMA0000	YSC072*WRMA**000000000000
YCH074C4H0B	YCD074C4H0B	Electro-Mech	YSC072*WEMA0000	YSC072*WEMA**000000000000
		Micro-Proc	YSC072*WRHA0000	YSC072*WRHA**000000000000
		Electro-Mech	YSC072*WEHA0000	YSC072*WEHA**000000000000
YCH075C3L0B	YCD075C3L0B Medium Heat	Micro-Proc	YHC072*3RLA0000	YHC072*3RLA**000000000000
		Electro-Mech	YHC072*3ELA0000	YHC072*3ELA**000000000000
		Micro-Proc	YHC072*3RMA0000	YHC072*3RMA**000000000000
YCH075C3H0B	YCD075C3H0B	Electro-Mech	YHC072*3EMA0000	YHC072*3EMA**000000000000
		Micro-Proc	YHC072*3RHA0000	YHC072*3RHA**000000000000
		Electro-Mech	YHC072*3EHA0000	YHC072*3EHA**000000000000
YCH075C4L0B	YCD075C4L0B Medium Heat	Micro-Proc	YHC072*4RLA0000	YHC072*4RLA**000000000000
		Electro-Mech	YHC072*4ELA0000	YHC072*4ELA**000000000000
		Micro-Proc	YHC072*4RMA0000	YHC072*4RMA**000000000000
YCH075C4H0B	YCD075C4H0B	Electro-Mech	YHC072*4EMA0000	YHC072*4EMA**000000000000
		Micro-Proc	YHC072*4RHA0000	YHC072*4RHA**000000000000
		Electro-Mech	YHC072*4EHA0000	YHC072*4EHA**000000000000

NOTE: N/A indicates that an Ordering Number has not yet been set up for the indicated model.

\* Digit 7- A=R-22, E=410A.



# Light Commercial Gas Electrics New Model Number Quick Reference

Table PG-35-A — Quick Reference

Horizontal	Downflow	Controls	Ordering Number	Service Model Number
YCH075CWL0B	YCD075CWL0B	Micro-Proc	YHC072AWRHA0000	YHC072AWRHA**000000000000
		Electro-Mech	YHC072AWEHA0000	YHC072AWEHA**000000000000
		Medium Heat	YHC072AWRMA0000 YHC072AWEMA0000	YHC072AWRMA**000000000000 YHC072AWEMA**000000000000
YCH075CWH0B	YCD075CWH0B	Micro-Proc	YHC072AWRLA0000	YHC072A3RLA**000000000000
		Electro-Mech	YHC072AWELA0000	YHC072A3ELA**000000000000
YCH090D3L0B	YCD090D3L0B	Micro-Proc	YSC090A3RLA0000	YSC090A3RLA**000000000000
		Electro-Mech	YSC090A3ELA0000	YSC090A3ELA**000000000000
		Medium Heat	YSC090A3RMA0000	YSC090A3RMA**000000000000
		Electro-Mech	YSC090A3EMA0000	YSC090A3EMA**000000000000
YCH090D3H0B	YCD090D3H0B	Micro-Proc	YSC090A3RHA0000	YSC090A3RHA**000000000000
		Electro-Mech	YSC090A3EHA0000	YSC090A3EHA**000000000000
YCH090D4L0B	YCD090D4L0B	Micro-Proc	YSC090A4RLA0000	YSC090A4RLA**000000000000
		Electro-Mech	YSC090A4ELA0000	YSC090A4ELA**000000000000
		Medium Heat	YSC090A4RMA0000	YSC090A4RMA**000000000000
		Electro-Mech	YSC090A4EMA0000	YSC090A4EMA**000000000000
YCH090D4H0B	YCD090D4H0B	Micro-Proc	YSC090A4RHA0000	YSC090A4RHA**000000000000
		Electro-Mech	YSC090A4EHA0000	YSC090A4EHA**000000000000
YCH090DWL0B	YCD090DWL0B	Micro-Proc	YSC090AWRLA0000	YSC090AWRLA**000000000000
		Electro-Mech	YSC090AWELA0000	YSC090AWELA**000000000000
		Medium Heat	YSC090AWRMA0000	YSC090AWRMA**000000000000
		Electro-Mech	YSC090AWEMA0000	YSC090AWEMA**000000000000
YCH090DWH0B	YCD090DWH0B	Micro-Proc	YSC090AWRHA0000	YSC090AWRHA**000000000000
		Electro-Mech	YSC090AWEHA0000	YSC090AWEHA**000000000000
YCH091D3L0B	YCD091D3L0B	Micro-Proc		YHC090A3RLA**000000000000
		Electro-Mech		YHC090A3ELA**000000000000
		Medium Heat		YHC090A3RMA**000000000000
YCH091D3H0B	YCD091D3H0B	Micro-Proc		YHC090A3RHA**000000000000
		Electro-Mech		YHC090A3EHA**000000000000
		Medium Heat		YHC090A3EMA**000000000000
YCH091D4L0B	YCD091D4L0B	Micro-Proc		YHC090A4RLA**000000000000
		Electro-Mech		YHC090A4ELA**000000000000
		Medium Heat		YHC090A4RMA**000000000000
		Electro-Mech		YHC090A4EMA**000000000000
YCH091D4H0B	YCD091D4H0B	Micro-Proc		YHC090A4RHA**000000000000
		Electro-Mech		YHC090A4EHA**000000000000
		Low Heat		YHC090AWRLA**000000000000
		Medium Heat		YHC090AWELA**000000000000
		Electro-Mech		YHC090AWRMA**000000000000
		Medium Heat		YHC090AWEMA**000000000000
		High Heat		YHC090AWRHA**000000000000
YCH102C3L0A	YCD102C3L0A	Micro-Proc	YSC102A3RLA0000	YSC102A3RLA**000000000000
		Electro-Mech	YSC102A3ELA0000	YSC102A3ELA**000000000000
		Medium Heat	YSC102A3RMA0000	YSC102A3RMA**000000000000
YCH102C3H0A	YCD102C3H0A	Micro-Proc	YSC102A3RHA0000	YSC102A3RHA**000000000000
		Electro-Mech	YSC102A3EHA0000	YSC102A3EHA**000000000000
		Medium Heat	YSC102A3EMA0000	YSC102A3EMA**000000000000
YCH102C4L0A	YCD102C4L0A	Micro-Proc	YSC102A4RLA0000	YSC102A4RLA**000000000000
		Electro-Mech	YSC102A4ELA0000	YSC102A4ELA**000000000000
		Medium Heat	YSC102A4RMA0000	YSC102A4RMA**000000000000
		Electro-Mech	YSC102A4EMA0000	YSC102A4EMA**000000000000
YCH102C4H0A	YCD102C4H0A	Micro-Proc	YSC102A4RHA0000	YSC102A4RHA**000000000000
		Electro-Mech	YSC102A4EHA0000	YSC102A4EHA**000000000000
YCH102CWL0A	YCD102CWL0A	Micro-Proc	YSC102AWRLA0000	YSC102AWRLA**000000000000
		Electro-Mech	YSC102AWELA0000	YSC102AWELA**000000000000
		Medium Heat	YSC102AWRMA0000	YSC102AWRMA**000000000000
		Electro-Mech	YSC102AWEMA0000	YSC102AWEMA**000000000000
YCH102CWH0A	YCD102CWH0A	Micro-Proc	YSC102AWRHA0000	YSC102AWRHA**000000000000
		Electro-Mech	YSC102AWEHA0000	YSC102AWEHA**000000000000
YCH103C3L0A	YCD103C3L0A	Micro-Proc	YHC102A3RLA0000	YHC102A3RLA**000000000000
		Electro-Mech	YHC102A3ELA0000	YHC102A3ELA**000000000000
		Medium Heat	YHC102A3RMA0000	YHC102A3RMA**000000000000
		Electro-Mech	YHC102A3EMA0000	YHC102A3EMA**000000000000
YCH103C3H0A	YCD103C3H0A	Micro-Proc	YHC102A3RHA0000	YHC102A3RHA**000000000000
		Electro-Mech	YHC102A3EHA0000	YHC102A3EHA**000000000000

NOTE: N/A indicates that an Ordering Number has not yet been set up for the indicated model.



# Light Commercial Gas Electrics New Model Number Quick Reference

Table PG-36-A — Quick Reference

Horizontal	Downflow	Controls	Ordering Number	Service Model Number
YCH103C4L0A	YCD103C4L0A	Micro-Proc Electro-Mech	YHC102A4RLA0000 YHC102A4ELA0000	YHC102A4RLA**000000000000 YHC102A4ELA**000000000000
	Medium Heat	Micro-Proc Electro-Mech	YHC102A4RMA0000 YHC102A4EMA0000	YHC102A4RMA**000000000000 YHC102A4EMA**000000000000
YCH103C4H0A	YCD103C4H0A	Micro-Proc Electro-Mech	YHC102A4RHA0000 YHC102A4EHA0000	YHC102A4RHA**000000000000 YHC102A4EHA**000000000000
YCH103CWL0A	YCD103CWL0A	Micro-Proc Electro-Mech	YHC102A4RLA0000 YHC102A4ELA0000	YHC102A4RLA**000000000000 YHC102A4ELA**000000000000
	Medium Heat	Micro-Proc Electro-Mech	YHC102A4RMA0000 YHC102A4EMA0000	YHC102A4RMA**000000000000 YHC102A4EMA**000000000000
YCH103CWH0A	YCD103CWH0A	Micro-Proc Electro-Mech	YHC102A4RHA0000 YHC102A4EHA0000	YHC102A4RHA**000000000000 YHC102A4EHA**000000000000
YCH120C3L0A	YCD120C3L0A	Micro-Proc Electro-Mech	YSC120A3RLA0000 YSC120A3ELA0000	YSC120A3RLA**000000000000 YSC120A3ELA**000000000000
YCH120C3M0A	YCD120C3M0A	Micro-Proc Electro-Mech	YSC120A3RMA0000 YSC120A3EMA0000	YSC120A3RMA**000000000000 YSC120A3EMA**000000000000
YCH120B3H0E	YCD120B3H0E	Micro-Proc Electro-Mech	YSC120A3RHA0000 YSC120A3EHA0000	YSC120A3RHA**000000000000 YSC120A3EHA**000000000000
YCH120C4L0A	YCD120C4L0A	Micro-Proc Electro-Mech	YSC120A4RLA0000 YSC120A4ELA0000	YSC120A4RLA**000000000000 YSC120A4ELA**000000000000
	Medium Heat	Micro-Proc Electro-Mech	YSC120A4RMA0000 YSC120A4EMA0000	YSC120A4RMA**000000000000 YSC120A4EMA**000000000000
YCH120B4H0E	YCD120B4H0E	Micro-Proc Electro-Mech	YSC120A4RHA0000 YSC120A4EHA0000	YSC120A4RHA**000000000000 YSC120A4EHA**000000000000
YCH120CWL0A	YCD120CWL0A	Micro-Proc Electro-Mech	YSC120AWRLA0000 YSC120AWELA0000	YSC120AWRLA**000000000000 YSC120AWELA**000000000000
	Medium Heat	Micro-Proc Electro-Mech	YSC120AWRMA0000 YSC120AWEMA0000	YSC120AWRMA**000000000000 YSC120AWEMA**000000000000
YCH120BWH0E	YCD120BWH0E	Micro-Proc Electro-Mech	YSC120AWRHA0000 YSC120AWEHA0000	YSC120AWRHA**000000000000 YSC120AWEHA**000000000000
YCH121C3L0A	YCD121C3L0A	Micro-Proc Electro-Mech	YHC120A3RLA0000 YHC120A3ELA0000	YHC120A3RLA**000000000000 YHC120A3ELA**000000000000
	Medium Heat	Micro-Proc Electro-Mech	YHC120A3RMA0000 YHC120A3EMA0000	YHC120A3RMA**000000000000 YHC120A3EMA**000000000000
YCH121C3H0A	YCD121C3H0A	Micro-Proc Electro-Mech	YHC120A3RHA0000 YHC120A3EHA0000	YHC120A3RHA**000000000000 YHC120A3EHA**000000000000
YCH121C4L0A	YCD121C4L0A	Micro-Proc Electro-Mech	YHC120A4RLA0000 YHC120A4ELA0000	YHC120A4RLA**000000000000 YHC120A4ELA**000000000000
	Medium Heat	Micro-Proc Electro-Mech	YHC120A4RMA0000 YHC120A4EMA0000	YHC120A4RMA**000000000000 YHC120A4EMA**000000000000
YCH121C4H0A	YCD121C4H0A	Micro-Proc Electro-Mech	YHC120A4RHA0000 YHC120A4EHA0000	YHC120A4RHA**000000000000 YHC120A4EHA**000000000000
YCH121CWL0A	YCD121CWL0A	Micro-Proc Electro-Mech	YHC120AWRLA0000 YHC120AWELA0000	YHC120AWRLA**000000000000 YHC120AWELA**000000000000
	Medium Heat	Micro-Proc Electro-Mech	YHC120AWRMA0000 YHC120AWEMA0000	YHC120AWRMA**000000000000 YHC120AWEMA**000000000000
YCH121CWH0A	YCD121CWH0A	Micro-Proc Electro-Mech	YHC120AWRHA0000 YHC120AWEHA0000	YHC120AWRHA**000000000000 YHC120AWEHA**000000000000

NOTE: N/A indicates that an Ordering Number has not yet been set up for the indicated mode

See ReliaTel™ and Micro Control features on PC-35 and PC-36.



*American  
Standard*



**Featuring  
A New Look for a New Century**

Beveled Top  
Smoother Design  
Small compact cabinet  
Recessed access handles



## **Convertible 3 through 5 Tons 13 SEER Gas Electrics**

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**Standard Features:**

- American Standard built scroll compressors on all 3-5 ton units
- Colored and numbered wiring
- Provisions for through the Base Gas and Condensate Drain Connections
- Patented Hybrid Condenser Coil for easy cleaning
- 1" throwaway filters provided on 3-5 ton units
- Liquid Line Refrigerant Drier
- Operating Charge of R-22
- IAQ Sloped Drain Pans
- Low Ambient to 40°F on Electromechanical models
- Low Ambient to 0°F on Microprocessor models
- 5 - year Limited Compressor Warranty
- 5 - year Limited Heat Exchanger Warranty
- 1 - year Limited Parts Warranty

**Added Flexibility**

- Electromechanical or microprocessor controls (**See page PC-35 for ReliaTel™ Control Information**)
- Low, medium or high heat, single or two stage
- Convertible airflow
- Fork lift openings on three sides of unit
- Belt drive - standard or oversized motors
- We don't prepackage options
- Choose options tailored to suit each job —pay only for what is needed
- Units ship with options installed —and within our standard ship cycle time

**Factory Installed Options**

- Through-the-Base — Electrical
- Convenience Outlet — Powered or unpowered
- Unit Disconnect Switch
- Smoke Detectors — Supply, return, or both
- Condenser Coil Coating
- Hinged Access Service Panels
- Discharge Air Sensor
- Fan Fail and Clogged Filter Switches
- Condenser Coil Guard — Hail Protection Quality
- Hot Gas Reheat Coil - Dehumidification
- TXV thermal expansion valve and split face evaporator coil standard
- 2" Pleated Media filters
- Phase Monitor
- Froststat

***The same American Standard Quality and  
Reliability ... with added Flexibility!***





# Packaged Gas/Electric Convertible 3-5 Tons 13 SEER R-22

Table PG-38-A — Base Unit — 13 SEER High Efficiency — Electromechanical

Tons	Unit Ordering No.	Performance <sup>Ⓢ</sup> SEER/EER	Cooling Capacity (Btuh)	Heating Output <sup>Ⓢ</sup>		AFUE%	Cabinet Dimensions (in.)			Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA*	Max. <sup>Ⓢ</sup> Fuse*
				Capacity (Btuh)	AFUE%		H	W	L					
<b>YHC -208-230/3/60 – Three Phase – Low Heat</b>														
3	YHC033A3ELA0000	13.0	38,000	48,000	81	32 x 44 x 70	18 x 15.5	24 x 14	620	19.9	30			
4	YHC043A3ELA0000	13.0	49,800	48,000	81	32 x 44 x 70	18 x 15.5	24 x 14	662	22.6	35			
5	YHC063A3ELA0000	13.0	62,400	48,000	81	36 x 44 x 70	18 x 15.5	24 x 14	697	28.8	45			
<b>YHC -460/3/60 – Three Phase – Low Heat</b>														
3	YHC033A4ELA0000	13.0	38,000	48,000	81	32 x 44 x 70	18 x 15.5	24 x 14	620	10.4	15			
4	YHC043A4ELA0000	13.0	49,800	48,000	81	32 x 44 x 70	18 x 15.5	24 x 14	662	11.8	15			
5	YHC063A4ELA0000	13.0	62,400	48,000	81	36 x 44 x 70	18 x 15.5	24 x 14	697	14.3	20			
<b>YHC -575/3/60 – Three Phase – Low Heat</b>														
3	YHC033AWELA0000	13.0	38,000	48,000	81	32 x 44 x 70	18 x 15.5	24 x 14	620	7.7	15			
4	YHC043AWELA0000	13.0	49,800	48,000	81	32 x 44 x 70	18 x 15.5	24 x 14	662	8.5	15			
5	YHC063AWELA0000	13.0	62,400	48,000	81	36 x 44 x 70	18 x 15.5	24 x 14	697	11.4	15			
<b>YHC -208-230/3/60 – Three Phase – Medium Heat</b>														
3	YHC033A3EMA0000	13.0	38,000	64,000	81	32 x 44 x 70	18 x 15.5	24 x 14	620	19.9	30			
4	YHC043A3EMA0000	13.0	49,800	64,000	81	32 x 44 x 70	18 x 15.5	24 x 14	662	22.6	35			
5	YHC063A3EMA0000	13.0	62,400	64,000	81	36 x 44 x 70	18 x 15.5	24 x 14	697	28.8	45			
<b>YHC -460/3/60 – Three Phase – Medium Heat</b>														
3	YHC033A4EMA0000	13.0	38,000	64,000	81	32 x 44 x 70	18 x 15.5	24 x 14	620	10.4	15			
4	YHC043A4EMA0000	13.0	49,800	64,000	81	32 x 44 x 70	18 x 15.5	24 x 14	662	11.8	15			
5	YHC063A4EMA0000	13.0	62,400	64,000	81	36 x 44 x 70	18 x 15.5	24 x 14	697	14.3	20			
<b>YHC -575/3/60 – Three Phase – Medium Heat</b>														
3	YHC033AWEMA0000	13.0	38,000	64,000	81	32 x 44 x 70	18 x 15.5	24 x 14	620	7.7	15			
4	YHC043AWEMA0000	13.0	49,800	64,000	81	32 x 44 x 70	18 x 15.5	24 x 14	662	8.5	15			
5	YHC063AWEMA0000	13.0	62,400	64,000	81	36 x 44 x 70	18 x 15.5	24 x 14	697	11.4	15			
<b>YHC -208-230/3/60 – Three Phase – High Heat</b>														
3	YHC033A3EHA0000	13.0	38,000	96,000	81	36 x 44 x 70	18 x 15.5	24 x 14	620	19.9	30			
4	YHC043A3EHA0000	13.0	49,800	96,000	81	36 x 44 x 70	18 x 15.5	24 x 14	662	22.6	35			
5	YHC063A3EHA0000	13.0	62,400	104,000	80	36 x 44 x 70	18 x 15.5	24 x 14	697	28.8	45			
<b>YHC -460/3/60 – Three Phase – High Heat</b>														
3	YHC033A4EHA0000	13.0	38,000	96,000	81	36 x 44 x 70	18 x 15.5	24 x 14	620	10.4	15			
4	YHC043A4EHA0000	13.0	49,800	96,000	81	36 x 44 x 70	18 x 15.5	24 x 14	662	11.8	15			
	YHC063A4EHA0000	13.0	62,400	104,000	80	36 x 44 x 70	18 x 15.5	24 x 14	697	14.3	20			
<b>YHC -575/3/60 – Three Phase – High Heat</b>														
3	YHC033AWEHA0000	13.0	38,000	96,000	81	36 x 44 x 70	18 x 15.5	24 x 14	620	7.7	15			
4	YHC043AWEHA0000	13.0	49,800	96,000	81	36 x 44 x 70	18 x 15.5	24 x 14	662	8.5	15			
5	YHC063AWEHA0000	13.0	62,400	104,000	80	36 x 44 x 70	18 x 15.5	24 x 14	697	11.4	15			

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

Ⓢ Downflow Airflow/Horizontal Airflow

Ⓢ HCAR Breaker per NEC.

Ⓢ SEER applies, 3-5 tons; EER applies 6-10 tons.



# Packaged Gas/Electric Convertible 3-5 Tons 13 SEER R-22

Table PG-39-A — Base Unit — 13 SEER High Efficiency — ReliaTel™ Microprocessor Controls

Tons	Unit Ordering No.	Performance <sup>③</sup> SEER/EER	Heating Output <sup>①</sup>		AFUE%	Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA*	Max. <sup>②</sup> Fuse*
			Cooling Capacity (Btuh)	Capacity (Btuh)							
<b>YHC –208-230/3/60 – Three Phase – Low Heat</b>											
3	YHC033A3RLA0000	13.0	38,000	48,000	81	32 x 44 x 70	18 x 15.5	24 x 14	620	19.9	30
4	YHC043A3RLA0000	13.0	49,800	48,000	81	32 x 44 x 70	18 x 15.5	24 x 14	662	22.6	35
5	YHC063A3RLA0000	13.0	62,400	48,000	81	36 x 44 x 70	18 x 15.5	24 x 14	697	28.8	45
<b>YHC –460/3/60 – Three Phase – Low Heat</b>											
3	YHC033A4RLA0000	13.0	38,000	48,000	81	32 x 44 x 70	18 x 15.5	24 x 14	620	10.4	15
4	YHC043A4RLA0000	13.0	49,800	48,000	81	32 x 44 x 70	18 x 15.5	24 x 14	662	11.8	15
5	YHC063A4RLA0000	13.0	62,400	48,000	81	36 x 44 x 70	18 x 15.5	24 x 14	697	14.3	20
<b>YHC –575/3/60 – Three Phase – Low Heat</b>											
3	YHC033AWRLA0000	13.0	38,000	48,000	81	32 x 44 x 70	18 x 15.5	24 x 14	620	7.7	15
4	YHC043AWRLA0000	13.0	49,800	48,000	81	32 x 44 x 70	18 x 15.5	24 x 14	662	8.5	15
5	YHC063AWRLA0000	13.0	62,400	48,000	81	36 x 44 x 70	18 x 15.5	24 x 14	697	11.4	15
<b>YHC –208-230/3/60 – Three Phase – Medium Heat</b>											
3	YHC033A3RMA0000	13.0	38,000	64,000	81	32 x 44 x 70	18 x 15.5	24 x 14	620	19.9	30
4	YHC043A3RMA0000	13.0	49,800	64,000	81	32 x 44 x 70	18 x 15.5	24 x 14	662	22.6	35
5	YHC063A3RMA0000	13.0	62,400	64,000	81	36 x 44 x 70	18 x 15.5	24 x 14	697	28.8	45
<b>YHC –460/3/60 – Three Phase – Medium Heat</b>											
3	YHC033A4RMA0000	13.0	38,000	64,000	81	32 x 44 x 70	18 x 15.5	24 x 14	620	10.4	15
4	YHC043A4RMA0000	13.0	49,800	64,000	81	32 x 44 x 70	18 x 15.5	24 x 14	662	11.8	15
5	YHC063A4RMA0000	13.0	62,400	64,000	81	36 x 44 x 70	18 x 15.5	24 x 14	697	14.3	20
<b>YHC –575/3/60 – Three Phase – Medium Heat</b>											
3	YHC033AWRMA0000	13.0	38,000	64,000	81	32 x 44 x 70	18 x 15.5	24 x 14	620	7.7	15
4	YHC043AWRMA0000	13.0	49,800	64,000	81	32 x 44 x 70	18 x 15.5	24 x 14	662	8.5	15
5	YHC063AWRMA0000	13.0	62,400	64,000	81	36 x 44 x 70	18 x 15.5	24 x 14	697	11.4	15
<b>YHC –208-230/3/60 – Three Phase – High Heat</b>											
3	YHC033A3RHA0000	13.0	38,000	96,000	81	36 x 44 x 70	18 x 15.5	24 x 14	620	19.9	30
4	YHC043A3RHA0000	13.0	49,800	96,000	81	36 x 44 x 70	18 x 15.5	24 x 14	662	22.6	35
5	YHC063A3RHA0000	13.0	62,400	104,000	80	36 x 44 x 70	18 x 15.5	24 x 14	697	28.8	45
<b>YHC –460/3/60 – Three Phase – High Heat</b>											
3	YHC033A4RHA0000	13.0	38,000	96,000	81	36 x 44 x 70	18 x 15.5	24 x 14	620	10.4	15
4	YHC043A4RHA0000	13.0	49,800	96,000	81	36 x 44 x 70	18 x 15.5	24 x 14	662	11.8	15
5	YHC063A4RHA0000	13.0	62,400	104,000	80	36 x 44 x 70	18 x 15.5	24 x 14	697	14.3	20
<b>YHC –575/3/60 – Three Phase – High Heat</b>											
3	YHC033AWRHA0000	13.0	38,000	96,000	81	36 x 44 x 70	18 x 15.5	24 x 14	620	7.7	15
4	YHC043AWRHA0000	13.0	49,800	96,000	81	36 x 44 x 70	18 x 15.5	24 x 14	662	8.5	15
5	YHC063AWRHA0000	13.0	62,400	104,000	80	36 x 44 x 70	18 x 15.5	24 x 14	697	11.4	15

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

① Downflow Airflow/Horizontal Airflow

② HCAR Breaker per NEC.

③ SEER applies, 3-5 tons; EER applies 6-10 tons.



# Packaged Gas/Electric Convertible 3-5 Tons 13 SEER R-22 (Model Digit Numbers)

Digit	Description	Order Number	Digit	Description	Order Number
1-8	<b>Main Assembly (see previous page)</b>		19	<b>Disconnect/Circuit Breaker/Phase Monitor (3 phase only)</b>	
9	<b>Unit Controls</b>			No Disconnect Circuit Breaker/No Phase Monitor .....	0
	Electromechanical .....	E		Non-Fused Disconnect <sup>②</sup> .....	1
	Unit Controls -ReliaTel™ Micro-processor .....	R		Circuit Breaker <sup>③</sup> .....	2
10	<b>Heating Capacity</b>			Phase Monitor <sup>④</sup> .....	3
	Low .....	L		Phase Monitor <sup>④</sup> & Non-Fused Disconnect Switch .....	4
	Medium .....	M		Phase Monitor <sup>④</sup> & Circuit Breaker .....	5
	High .....	H	20	<b>Convenience Outlet</b>	
11	<b>Minor Design Sequence</b>			No Convenience Outlet .....	0
	First Sequence .....	A		Unpowered Convenience Outlet .....	A
12-13	<b>Service Sequence</b>			Powered Convenience Outlet (3 phase only) <sup>⑤</sup> .....	B
	First Sequence (Factory assigned) .....	*,*	21	<b>Communications Options<sup>⑦</sup></b>	
14	<b>Fresh Air Selection</b>			No Communications Interface .....	0
	No Fresh Air .....	0		Comm 3/4 Communications Interface .....	1
	0-50% Manual Outside Air Damper <sup>⑥</sup> .....	A		LonTalk® Communications Interface .....	2
	0-50% Motorized Outside Air Damper .....	B		Novar 2024 Controls .....	3
	0-100% Economizer, Dry Bulb without			Novar 3051 Controls .....	4
	Barometric Relief <sup>②</sup> .....	C	22	<b>Refrigeration System Option</b>	
	0-100% Economizer, Dry Bulb with			Standard Refrigeration System with	
	Barometric Relief <sup>②</sup> .....	D		Thermal Expansion Valve .....	0
	0-100% Economizer, Reference Enthalpy			Dehumidification (Hot Gas Reheat Coil) <sup>④</sup> .....	B
	without Barometric Relief <sup>①②</sup> .....	E	23	<b>Refrigeration Controls</b>	
	0-100% Economizer, Reference Enthalpy			No Refrigeration Control .....	0
	with Barometric Relief <sup>①②</sup> .....	F		High Pressure Control <sup>⑧⑦</sup> .....	1
	0-100% Economizer, Comparative Enthalpy			Frostat <sup>⑨</sup> .....	2
	without Barometric Relief <sup>①②</sup> .....	G		Crankcase Heater .....	3
	0-100% Economizer, Comparative Enthalpy			High Pressure Control <sup>⑧⑦</sup> and Frostat <sup>⑨</sup> .....	4
	with Barometric Relief <sup>①②</sup> .....	H		High Pressure Control <sup>⑧⑦</sup> and Crankcase Heater .....	5
15	<b>Supply Fan/Drive Type/Motor</b>			Frostat <sup>⑨</sup> and Crankcase Heater <sup>⑩</sup> .....	6
	Standard Drive .....	0		High Pressure Control <sup>⑧⑦</sup> , Frostat <sup>⑨</sup> and	
16	<b>Hinged Service Access &amp; Filters</b>			Crankcase Heater <sup>⑩</sup> .....	7
	Standard Panels & Filters .....	0	24	<b>Smoke Detector<sup>⑦⑦</sup></b>	
	Hinged Access Panels & Standard Filters .....	A		No Smoke Detector .....	0
	Standard panels & 2" Pleated Filters .....	B		Return Air Smoke Detector <sup>⑪⑩</sup> .....	A
	Hinged Access Panels & 2" Pleated Filters .....	C		Supply Air Smoke Detector .....	B
17	<b>Condenser Coil Protection</b>			Supply and Return Air Smoke Detectors <sup>⑪⑩</sup> .....	C
	Standard Coil .....	0	25	<b>Monitoring Controls<sup>⑦</sup></b>	
	Standard Coil with Hail Guard .....	1		No Monitoring Control <sup>⑮</sup> .....	0
	Epoxy Coated Condenser Coil .....	2		Clogged Filter Switch <sup>⑮</sup> .....	1
	Epoxy Coated Condenser Coil with Hail Guard .....	3		Fan Failure Switch <sup>⑮</sup> .....	2
18	<b>Through the Base Provisions</b>			Discharge Air Sensing Tube <sup>⑮</sup> .....	3
	No Through the Base Provisions .....	0		Clogged Filter Switch and Fan Fail Switch <sup>⑮</sup> .....	4
	Through the Base Electric <sup>⑬</sup> .....	A		Clogged Filter Switch and Discharge	
	Through the Base Gas .....	B		Air Sensing Tube <sup>⑮</sup> .....	5
	Through the Base Gas and Electric <sup>⑬</sup> .....	C		Fan Fail Switch and Discharge Air Sensing Tube <sup>⑮</sup> .....	6

① Enthalpy control not available factory installed with electro-mechanical controls.  
 ② Economizer with Barometric Relief is for downflow configured units only. Order Economizer without Barometric Relief for horizontal configuration. Barometric relief for horizontal configured units must be ordered as field installed accessory BAYBARM010A.  
 ③ Requires use of Disconnect or Circuit Breaker.  
 ④ Standard refrigeration metering device - short orifice.  
 ⑤ Frostat cannot be field installed in electro-mechanical units.  
 ⑥ High Pressure control is standard on 3 phase units with scroll compressors and in YSC036A.  
 ⑦ Not available with BAYFRST001A High Temperature Stat accessory.  
 ⑧ The return air smoke detector may not fit up or work properly on the Convertible units when used in conjunction with 3rd party accessories such as bolt on heat wheels, economizers and power exhaust. Do not order the return air smoke detectors when using this type of accessory.

⑨ Return Air Smoke Detector cannot be ordered with Novar Controls.  
 ⑩ These options are standard when ordering Novar Controls.  
 ⑪ This option is used when ordering Novar Controls.  
 ⑫ Includes gas piping and shutoff (field assembly required).  
 ⑬ The manual outside air damper will ship factory supplied within the unit, but must be field installed.  
 ⑭ Requires Selection of 2" Pleated Filters (Option B or C) for Digit 16.  
 ⑮ Through the base electric required when ordering disconnect/circuit breaker options.  
 ⑯ Phase Monitor is standard on T/Y/WSC060A3,4,W models. All other models Phase Monitor is an option.  
 ⑰ Not available with electro-mechanical controls.



# Packaged Gas/Electric Convertible 3-5 Tons 13 SEER R-22

Table PG-41-A — Accessories

Model Number	Description	Used With
BAYABRD001C <sup>①</sup>	ReliaTel™ Options Module	See Note <sup>②</sup>
BAYASCT001 <sup>③</sup>	Anti-Short-Cycle Timer	YHC033-063A_E
BAYBARM010A <sup>④</sup>	Barometric Relief	YHC033-063A
BAYCCHT010B	Crankcase Heater	YHC033-063A3
BAYCCHT011B	Crankcase Heater	YHC033-063A4,AW
ASYSTAT712A <sup>⑤</sup>	CO <sup>2</sup> Sensor Kit, Wall Mounted	YHC033-063A_R
ASYSTAT714A <sup>⑥</sup>	CO <sup>2</sup> Sensor Kit, Duct Mounted	YHC033-063A_R
BAYCURB042A <sup>⑦</sup>	Roof Curb	YHC033-063A
BAYDFPS003A <sup>⑧</sup>	Clogged Filter Switch	YHC033-063A_R
BAYDFPS004A <sup>⑨</sup>	Fan Failure Switch	YHC033-063A_R
BAYDMPR051A <sup>⑩</sup>	0-50% Motorized Outside Air Damper	YHC033-063A
BAYDMPR052A <sup>⑪</sup>	0-50% Motorized Outside Air Damper	YHC033-063A_E
BAYDMPR053B <sup>⑫</sup>	0-50% Manual Outside Air Damper	YHC033-063A
BAYECON085A <sup>⑬</sup>	0-100% Dry Bulb Economizer without Barometric Relief	YHC033-063A_R
BAYECON086A <sup>⑭</sup>	0-100% Dry Bulb Economizer without Barometric Relief	YHC033-063A_E
BAYENTH005A <sup>⑮</sup>	Reference Enthalpy Kit	BAYECON085A
BAYENTH006A <sup>⑯</sup>	Comparative Enthalpy Kit	BAYECON085A
BAYENTH001A	Enthalpy Control (Solid State)	BAYECON086A
BAYFRST001A	High Temperature Stat	YHC033,063A_R
BAYGARD036B	Condenser Coil Hail Guard	YHC033-043A**L,M
BAYGARD037B	Condenser Coil Hail Guard	YHC033-043A**H,YHC063A**L,M,H
BAYHAKT010B	High Altitude Kit	YHC033-063A
BAYHSMT073A	.45 HP Oversized motor kit	YHC033A3
BAYHSMT074A	.45 HP Oversized motor kit	YHC033A4
BAYHSMT075A	.45 HP Oversized motor kit	YHC033AW
BAYHSMT076A	.75 HP Oversized motor kit	YHC043A3
BAYHSMT077A	.75 HP Oversized motor kit	YHC043A4
BAYHSMT078A	.75 HP Oversized motor kit	YHC043AW
BAYHSMT079A	1.2 HP Oversized motor kit	YHC063A3
BAYHSMT080A	1.2 HP Oversized motor kit	YHC063A4
BAYHSMT081A	1.2 HP Oversized motor kit	YHC063AW
BAYICSI003A <sup>⑰</sup>	Comm 3/4 Communications Interface (TCI)	YHC033-063A_R
BAYLOAM020B <sup>⑱</sup>	Evaporator Defrost Control (Froststat)	YHC033-063A_R
BAYLPKT028B	LP Conversion Kit	YHC033-063A
BAYLTCI002B <sup>⑲</sup>	LonTalk® Communications Interface (LCI)	YHC033-063A_R
BAYQACB009A <sup>⑳</sup>	Quick Adapt Curb	YHC033-063A
BAYQACB010A <sup>㉑</sup>	Quick Adapt Curb	YHC033-063A
BAYSENS016A <sup>㉒</sup>	Temperature Sensor	YHC033-063A_R
BAYSERV001A <sup>㉓</sup>	Selective Resistance Service Tester	YHC033-063A_R
BAYSTAT023 <sup>㉔</sup>	Remote Potentiometer	BAYECON085A
BAYTUBE004A <sup>㉕</sup>	Discharge Air Sensing Kit	YHC033-063A_R
BAYTUBE006A <sup>㉖</sup>	Discharge Air Sensing Kit	YHC033-063A_R
BAYVNOR001B <sup>㉗</sup>	Ventilation Override Kit	YHC033-063A_R

- ① Kits contain all necessary parts to achieve desired level of enthalpy control.
- ② For use with ReliaTel™ microprocessor controlled units only. Must be factory installed for Electromechanical controlled units.
- ③ Used for true discharge air sensing in both heating and cooling. Required for supply air tempering.
- ④ Lynn Haven Manufacturing has a No-Return policy for this roof curb.
- ⑤ For use with ReliaTel™ controlled units only.
- ⑥ Installs in ductwork for horizontal configuration. For downflow configuration, it installs in the unit's horizontal return duct. See Installer's Guide for more information.

- ⑦ BAYABRD001C is required when ordering field installed accessories Clogged Filter Switch (BAYDFPS003A), Fan Fail Switch (BAYDFPS004A), Discharge Air Sensing Kit (BAYTUBE004A or BAYTUBE005A) or Evaporator Defrost Control (Froststat) (BAYLOAM020B) Ventilation Override Kit (BAYVNOR001B) unless the following options are factory installed: Froststat, Smoke Detector, Clogged Filter Switch, Fan Failure Switch, Discharge Air Sensing Kit. **These factory installed options include the ReliaTel™ Options Module.**
- ⑧ BAYQACB009A adapts dedicated airflow rooftop BAYCURB021B to accept Convertible 3-5 ton unit. BAYQACB010A adapts dedicated airflow rooftop BAYCURB022B to accept Convertible 3-5 ton unit. BAYQACB012A adapts dedicated airflow rooftop

- BAYCURB025B to accept Convertible 6-10 ton unit. BAYQACB013A adapts dedicated airflow rooftop BAYCURB026B to accept Convertible 6-10 ton unit. BAYQACB011A adapts dedicated airflow rooftop BAYCURB022B to accept Convertible 6-10 ton unit.
- ⑨ Electromechanical controlled units only
- ⑩ Interface allows 3-10 ton units with ReliaTel™ Controls to communicate with Tracer 100, Tracker, VariTrac II, and is the preferred method of communication to Tracer Summit.
- ⑪ Activated on Power on.
- ⑫ Field installed accessory. Requires an economizer.
- ⑬ The manual outside air damper will ship factory supplied within the unit, but must be field installed.



# Convertible 3 through 5 Tons 13 SEER Gas Electrics

**Table PG-42-A — Zone Sensors for ReliaTel™ Controlled Units**

Model Number	Description	Used with
ASYSTAT661B	Single Setpoint Manual Changeover	YHC033-063A_R
ASYSTAT663B	Dual Setpoint Manual or Auto Changeover	YHC033-063A_R
ASYSTAT666C	Programmable Night Setback with System Function Lights	YHC033-063A_R
ASYSTAT669B	Remote Room Sensor	ASYSTAT661B,663B, ASYSTAT666C
ASYSTAT708A	Dual Thermistor Remote Zone Sensor	YHC033-063A_R
ASYSTAT709A	Digital Display Zone Sensor	YHC033-063A_R
ASYSTAT710A	Wall Mounted Humidity Sensor	YHC033-063A_R
ASYSTAT711A	Duct Mounted Humidity Sensor	YHC033-063A_R
BAYMTPL003B	Retrofit Wall Cover Plate Kit 7.25" x 6.0"	ASYSTAT666C
BAYMTPL004B	Retrofit Wall Cover Plate Kit 4.75" x 4.75"	ASYSTAT661B,663B, ASYSTAT669A

**Table PG-42-B — Thermostats<sup>Ⓞ</sup>**

Model Number	Description	Used with
ASYSTAT705B <sup>Ⓛ</sup>	Programmable Thermostat	YHC033-063A
BAYBASE008A	1-Stage Heating/Cooling Subbase	ASYSTAT705B
BAYBASE006A	2-Stage Heating/Cooling Subbase	ASYSTAT705B
ASYSTAT620 <sup>Ⓞ</sup>	Prog. Electronic Setback 3 htg/2 clg	YHC033-063A_E
ASYSTAT610 <sup>Ⓞ</sup>	1-Stage Heating/Cooling	ASYSTAT616,617
ASYSTAT611 <sup>Ⓞ</sup>	2-Stage Heating/Cooling	ASYSTAT616,617
ACONT200AN11AA	Electronic 1 Htg/1 Clg (non-prog.)	YHC033-063A
ASYSTAT616	Auto Subbase	ASYSTAT610,611
ASYSTAT617	Manual Subbase	ASYSTAT610,611
ASYSTAT706A	Remote Wall Sensor	ASYSTAT705B
BAYSENS034A	Duct Temperature Sensor	ASYSTAT706A
AY28X190 <sup>Ⓞ</sup>	Locking Thermostat Cover for up to 4 units	Room Thermostats

<sup>Ⓛ</sup> Requires BAYBASE006A or BAYBASE008A.

<sup>Ⓞ</sup> Do not use with Programmable Thermostats.

<sup>Ⓢ</sup> Requires Subbase.

<sup>Ⓞ</sup> Do not use with ReliaTel™ controlled units.

\* Either standard or high efficiency models

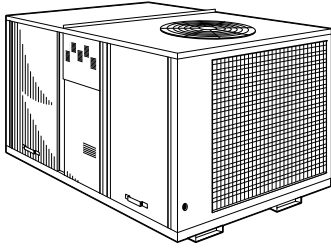
**For additional Controls Information:**

See ReliaTel™ and Micro Control features on PC-35 and PC-36.



# American Standard

## Packaged Gas/Electric with ReliaTel™ Controls 12½ through 15 Tons



**YCD—Downflow**

- EER up to 11.5
- Scroll compressors on all models
- **ReliaTel™** control features are listed on PC-35
- Built-in anti-short cycle timer and time delay relay
- Low Ambient to 0°F standard
- High efficiency drum and tube heat exchanger
- Color coded and numbered wiring
- Two inch filters on both YCH and YCD to clean air and keep coil maintenance low
- Simple U-shaped airflow pattern results in very low airside energy requirement
- “Quick-Access” doors and single side access make servicing much faster for lower maintenance costs
- Quick-adjust idler arm pulley. Adjust belt tension, change belts, adjust airflow quickly
- High efficiency gas heat with hot surface ignition for low heating energy costs, low maintenance and high reliability
- IAQ sloped condensate drain pans
- 5-year limited compressor warranty (12-1/2-15 tons)
- 5-year limited heat exchanger warranty (12-1/2-15 tons)
- 1 year limited parts warranty

**Table PG-43-A — Downflow — Micro Control Unit**

Tons	Unit Model No.	Power Supply Volts/Phase/Hz	Performance EER (30)	Cooling Capacity (Btuh)	Heating Output Capacity (Btuh)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	Max Fuse Size or Max Downflow		
								MCA*	Circuit Breaker*	Roofcurb
12½	YCD150D3L0B	208-230/3/60	9.6	150,000	122,000	50⅛ x 71⅝ <sup>1</sup> / <sub>16</sub> x 107⅝ <sup>1</sup> / <sub>16</sub>	1826	63	80	BAYCURB026B
12½	YCD150D4L0B	460/3/60	9.6	150,000	122,000	50⅛ x 71⅝ <sup>1</sup> / <sub>16</sub> x 107⅝ <sup>1</sup> / <sub>16</sub>	1826	33	40	BAYCURB026B
12½	YCD150DWL0B	575/3/60	9.6	150,000	122,000	50⅛ x 71⅝ <sup>1</sup> / <sub>16</sub> x 107⅝ <sup>1</sup> / <sub>16</sub>	1826	26	30	BAYCURB026B
12½	YCD150D3H0B	208-230/3/60	9.6	150,000	203,000	50⅛ x 71⅝ <sup>1</sup> / <sub>16</sub> x 107⅝ <sup>1</sup> / <sub>16</sub>	1826	63	80	BAYCURB026B
12½	YCD150D4H0B	460/3/60	9.6	150,000	203,000	50⅛ x 71⅝ <sup>1</sup> / <sub>16</sub> x 107⅝ <sup>1</sup> / <sub>16</sub>	1826	33	40	BAYCURB026B
12½	YCD150DWH0B	575/3/60	9.6	150,000	203,000	50⅛ x 71⅝ <sup>1</sup> / <sub>16</sub> x 107⅝ <sup>1</sup> / <sub>16</sub>	1826	26	30	BAYCURB026B
12½	YCD151C3L0B	208-230/3/60	11.3	154,000	122,000	50⅛ x 71⅝ <sup>1</sup> / <sub>16</sub> x 107⅝ <sup>1</sup> / <sub>16</sub>	1915	64	80	BAYCURB026B
12½	YCD151C4L0B	460/3/60	11.3	154,000	122,000	50⅛ x 71⅝ <sup>1</sup> / <sub>16</sub> x 107⅝ <sup>1</sup> / <sub>16</sub>	1915	31	40	BAYCURB026B
12½	YCD151CWL0B	575/3/60	11.3	154,000	122,000	50⅛ x 71⅝ <sup>1</sup> / <sub>16</sub> x 107⅝ <sup>1</sup> / <sub>16</sub>	1915	25	30	BAYCURB026B
12½	YCD151C3H0B	208-230/3/60	11.3	154,000	203,000	50⅛ x 71⅝ <sup>1</sup> / <sub>16</sub> x 107⅝ <sup>1</sup> / <sub>16</sub>	1915	64	80	BAYCURB026B
12½	YCD151C4H0B	460/3/60	11.3	154,000	203,000	50⅛ x 71⅝ <sup>1</sup> / <sub>16</sub> x 107⅝ <sup>1</sup> / <sub>16</sub>	1915	31	40	BAYCURB026B
12½	YCD151CWH0B	575/3/60	11.3	154,000	203,000	50⅛ x 71⅝ <sup>1</sup> / <sub>16</sub> x 107⅝ <sup>1</sup> / <sub>16</sub>	1915	25	30	BAYCURB026B
15	YCD180B3L0H	208-230/3/60	9.7	182,000	203,000	50⅛ x 71⅝ <sup>1</sup> / <sub>16</sub> x 107⅝ <sup>1</sup> / <sub>16</sub>	2033	78	90	BAYCURB026B
15	YCD180B4L0H	460/3/60	9.7	182,000	203,000	50⅛ x 71⅝ <sup>1</sup> / <sub>16</sub> x 107⅝ <sup>1</sup> / <sub>16</sub>	2033	39	50	BAYCURB026B
15	YCD180BWL0H	575/3/60	9.7	182,000	203,000	50⅛ x 71⅝ <sup>1</sup> / <sub>16</sub> x 107⅝ <sup>1</sup> / <sub>16</sub>	2033	31	40	BAYCURB026B
15	YCD180B3H0H	208-230/3/60	9.7	182,000	284,000	50⅛ x 71⅝ <sup>1</sup> / <sub>16</sub> x 107⅝ <sup>1</sup> / <sub>16</sub>	2033	78	90	BAYCURB026B
15	YCD180B4H0H	460/3/60	9.7	182,000	284,000	50⅛ x 71⅝ <sup>1</sup> / <sub>16</sub> x 107⅝ <sup>1</sup> / <sub>16</sub>	2033	39	50	BAYCURB026B
15	YCD180BWH0H	575/3/60	9.7	182,000	284,000	50⅛ x 71⅝ <sup>1</sup> / <sub>16</sub> x 107⅝ <sup>1</sup> / <sub>16</sub>	2033	31	40	BAYCURB026B
15	YCD181C3L0C	208-230/3/60	11.5	189,000	203,000	54 x 85⅝ <sup>1</sup> / <sub>16</sub> x 122⅝ <sup>1</sup> / <sub>16</sub>	2464	74	90	BAYCURB027B
15	YCD181C4L0C	460/3/60	11.5	189,000	203,000	54 x 85⅝ <sup>1</sup> / <sub>16</sub> x 122⅝ <sup>1</sup> / <sub>16</sub>	2464	36	50	BAYCURB027B
15	YCD181CWL0C	575/3/60	11.5	189,000	203,000	54 x 85⅝ <sup>1</sup> / <sub>16</sub> x 122⅝ <sup>1</sup> / <sub>16</sub>	2464	29	40	BAYCURB027B
15	YCD181C3H0C	208-230/3/60	11.5	189,000	284,000	54 x 85⅝ <sup>1</sup> / <sub>16</sub> x 122⅝ <sup>1</sup> / <sub>16</sub>	2464	74	90	BAYCURB027B
15	YCD181C4H0C	460/3/60	11.5	189,000	284,000	54 x 85⅝ <sup>1</sup> / <sub>16</sub> x 122⅝ <sup>1</sup> / <sub>16</sub>	2464	36	50	BAYCURB027B
15	YCD181CWH0C	575/3/60	11.5	189,000	284,000	54 x 85⅝ <sup>1</sup> / <sub>16</sub> x 122⅝ <sup>1</sup> / <sub>16</sub>	2464	29	40	BAYCURB027B

Unit Model No.	Supply Downflow W x L②③	Return Downflow W x L②③	Curb Size H x W x L②④	Roof Opening W x L②③
YC*150,151,180	28⅞ <sup>1</sup> / <sub>16</sub> x 55½	20⅞ <sup>1</sup> / <sub>16</sub> x 63	14⅞ <sup>1</sup> / <sub>16</sub> x 66⅝ <sup>1</sup> / <sub>16</sub> x 102¼	62½ x 73½
YC*181	28⅞ <sup>1</sup> / <sub>16</sub> x 69½	22¼ x 77	14⅞ <sup>1</sup> / <sub>16</sub> x 80⅝ <sup>1</sup> / <sub>16</sub> x 117⅞	76½ x 81

Note: L = Low Heat H = High Heat in ninth digit

① HACR Type Circuit Breaker per NEC.

② Dimensions are in inches. See Outline Dimensions.

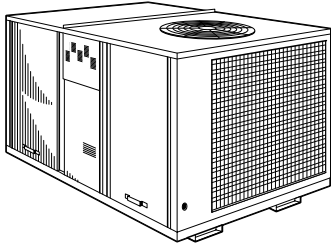
③ Interior Dimension.

④ Measurement Includes Curb Flange.

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

# American Standard

## Packaged Gas/Electric with ReliaTel™ Controls 17½ through 25 Tons



### YCD — Downflow

- EER up to 11.5
- **Duration™** compressors

- Scroll compressors on all units
- **ReliaTel™** control features are listed on page PC-35
- Built-in anti-short cycle timer and time delay relay
- Low Ambient to 0°F standard
- High efficiency drum and tube heat exchanger
- Color coded and numbered wiring
- Two inch filters on both YCH and YCD to clean air and keep coil maintenance low
- Simple U-shaped airflow pattern results in very low airside energy requirement
- “Quick-Access” doors and single side access make servicing much faster for lower maintenance costs
- Quick-adjust idler arm pulley. Adjust belt tension, change belts, adjust airflow quickly
- High efficiency gas heat with hot surface ignition for low heating energy costs, low maintenance and high reliability
- IAQ sloped condensate drain pans
- 5-year limited compressor warranty (17-1/2 tons)
- 1-year limited compressor warranty (20 and 25 tons)
- 5-year limited heat exchanger warranty (17-1/2 tons)
- 1-year limited heat exchanger warranty (20 and 25 tons)
- 1 year limited parts warranty

Table PG-44-A — Downflow — Micro Control Unit

Tons	Unit Model No.	Power Supply Volts/Phase/Hz	Performance EER (30)	Cooling Capacity (Btuh)	Heating Output Capacity (Btuh)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	MCA*	Max Fuse Size or Max Circuit Breaker*	Downflow Roofcurb
17½	YCD210C3LOE	208-230/3/60	9.6	210,000	203,000	50½ x 71½ x 107½	2189	88	100	BAYCURB026B
17½	YCD210C4LOE	460/3/60	9.6	210,000	203,000	50½ x 71½ x 107½	2189	44	50	BAYCURB026B
17½	YCD210CWL0E	575/3/60	9.6	210,000	203,000	50½ x 71½ x 107½	2189	35	45	BAYCURB026B
17½	YCD210C3H0E	208-230/3/60	9.6	210,000	284,000	50½ x 71½ x 107½	2189	88	100	BAYCURB026B
17½	YCD210C4H0E	460/3/60	9.6	210,000	284,000	50½ x 71½ x 107½	2189	44	50	BAYCURB026B
17½	YCD210CWH0E	575/3/60	9.6	210,000	284,000	50½ x 71½ x 107½	2189	35	45	BAYCURB026B
17½	YCD211C3LOC	208-230/3/60	11.0	220,000	203,000	54 x 85½ x 122½	2547	91	110	BAYCURB027B
17½	YCD211C4LOC	460/3/60	11.0	220,000	203,000	54 x 85½ x 122½	2547	44	60	BAYCURB027B
17½	YCD211CWL0C	575/3/60	11.0	220,000	203,000	54 x 85½ x 122½	2547	35	45	BAYCURB027B
17½	YCD211C3H0C	208-230/3/60	11.0	220,000	284,000	54 x 85½ x 122½	2547	91	110	BAYCURB027B
17½	YCD211C4H0C	460/3/60	11.0	220,000	284,000	54 x 85½ x 122½	2547	44	60	BAYCURB027B
17½	YCD211CWH0C	575/3/60	11.0	220,000	284,000	54 x 85½ x 122½	2547	35	45	BAYCURB027B
20	YCD240B3LOJ	208-230/3/60	9.5	242,000	203,000	54 x 85½ x 122½	2547	100	125	BAYCURB027B
20	YCD240B4LOJ	460/3/60	9.5	242,000	203,000	54 x 85½ x 122½	2547	50	60	BAYCURB027B
20	YCD240BWL0J	575/3/60	9.5	242,000	203,000	54 x 85½ x 122½	2547	40	45	BAYCURB027B
20	YCD240B3H0J	208-230/3/60	9.5	242,000	324,000	54 x 85½ x 122½	2547	100	125	BAYCURB027B
20	YCD240B4H0J	460/3/60	9.5	242,000	324,000	54 x 85½ x 122½	2547	50	60	BAYCURB027B
20	YCD240BWH0J	575/3/60	9.5	242,000	324,000	54 x 85½ x 122½	2547	40	50	BAYCURB027B
20	YCD241C3LOC	208-230/3/60	10.6	268,000	203,000	54 x 85½ x 122½	2645	99	125	BAYCURB027B
20	YCD241C4LOC	460/3/60	10.6	268,000	203,000	54 x 85½ x 122½	2645	50	60	BAYCURB027B
20	YCD241CWL0C	575/3/60	10.6	268,000	203,000	54 x 85½ x 122½	2645	40	50	BAYCURB027B
20	YCD241C3H0C	208-230/3/60	10.6	268,000	324,000	54 x 85½ x 122½	2645	99	125	BAYCURB027B
20	YCD241C4H0C	460/3/60	10.6	268,000	324,000	54 x 85½ x 122½	2645	50	60	BAYCURB027B
20	YCD241CWH0C	575/3/60	10.6	268,000	324,000	54 x 85½ x 122½	2645	40	50	BAYCURB027B
25	YCD300B3LOH	208-230/3/60	9.7	290,000	203,000	54 x 85½ x 122½	2541	118	150	BAYCURB027B
25	YCD300B4LOH	460/3/60	9.7	290,000	203,000	54 x 85½ x 122½	2541	58	70	BAYCURB027B
25	YCD300BWL0H	575/3/60	9.7	290,000	203,000	54 x 85½ x 122½	2541	46	50	BAYCURB027B
25	YCD300B3H0H	208-230/3/60	9.7	290,000	324,000	54 x 85½ x 122½	2541	118	150	BAYCURB027B
25	YCD300B4H0H	460/3/60	9.7	290,000	324,000	54 x 85½ x 122½	2541	58	70	BAYCURB027B
25	YCD300BWH0H	575/3/60	9.7	290,000	324,000	54 x 85½ x 122½	2541	46	50	BAYCURB027B
25	YCD301C3LOC	208-230/3/60	10.4	300,000	203,000	54 x 85½ x 122½	2650	120	150	BAYCURB027B
25	YCD301C4LOC	460/3/60	10.4	300,000	203,000	54 x 85½ x 122½	2650	58	70	BAYCURB027B
25	YCD301CWL0C	575/3/60	10.4	300,000	203,000	54 x 85½ x 122½	2650	47	60	BAYCURB027B
25	YCD301C3H0C	208-230/3/60	10.4	300,000	324,000	54 x 85½ x 122½	2650	120	150	BAYCURB027B
25	YCD301C4H0C	460/3/60	10.4	300,000	324,000	54 x 85½ x 122½	2650	58	70	BAYCURB027B
25	YCD301CWH0C	575/3/60	10.4	300,000	324,000	54 x 85½ x 122½	2650	47	60	BAYCURB027B

Unit Model No.	Supply Downflow W x Lⓐⓑ	Return Downflow W x Lⓐⓑ	Curb Size H x W x Lⓐⓑ	Roof Opening W x Lⓐⓑ
YC*210	28½ x 55½	20½ x 63	14½ x 66½ x 102¼	62½ x 73½
YC*211, 240, 241, 300	28½ x 69½	22¼ x 77	14½ x 80½ x 117½	76½ x 81

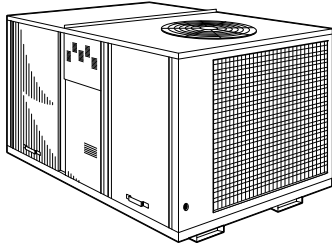
Note: L = Low Heat H = High Heat in ninth digit  
 ⓐ HACR Type Circuit Breaker per NEC.  
 ⓑ Dimensions are in inches. See Outline Dimensions.  
 ⓒ Interior Dimension.

ⓐ Measurement Includes Curb Flange.  
 \* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.



# American Standard

## Packaged Gas/Electric with ReliaTel™ Controls 12½ through 15 Tons



**YCH — Horizontal**

- EER up to 11.5
- Scroll compressors on all units
- **ReliaTel™** control features are listed on page PC-35
- Built-in anti-short cycle timer and time delay relay
- Low Ambient to 0°F standard
- High efficiency drum and tube heat exchanger
- Color coded and numbered wiring
- Two inch filters on both YCH and YCD to clean air and keep coil maintenance low
- Simple U-shaped airflow pattern results in very low airside energy requirement
- “Quick-Access” doors and single side access make servicing much faster for lower maintenance costs
- Quick-adjust idler arm pulley. Adjust belt tension, change belts, adjust airflow quickly
- High efficiency gas heat with hot surface ignition for low heating energy costs, low maintenance and high reliability
- IAQ sloped condensate drain pans
- 5-year limited compressor warranty (12-1/2-15 tons)
- 5-year limited heat exchanger warranty (12-1/2-15 tons)
- 1 year limited parts warranty

**Table PG-45-A — Horizontal — Micro Control Unit**

Tons	Unit Model No.	Power Supply Volts/Phase/Hz	Performance EER (30)	Cooling Capacity (Btuh)	Heating Output Capacity (Btuh)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	MCA*	Max Fuse Size or ① Max Circuit Breaker*
12½	YCH150D3L0B	208-230/3/60	9.6	150,000	122,000	50⅞ x 71⅝ x 107⅝ <sub>16</sub>	1826	63	80
12½	YCH150D4L0B	460/3/60	9.6	150,000	122,000	50⅞ x 71⅝ x 107⅝ <sub>16</sub>	1826	33	40
12½	YCH150DWL0B	575/3/60	9.6	150,000	122,000	50⅞ x 71⅝ x 107⅝ <sub>16</sub>	1826	26	30
12½	YCH150D3H0B	208-230/3/60	9.6	150,000	203,000	50⅞ x 71⅝ x 107⅝ <sub>16</sub>	1826	63	80
12½	YCH150D4H0B	460/3/60	9.6	150,000	203,000	50⅞ x 71⅝ x 107⅝ <sub>16</sub>	1826	33	40
12½	YCH150DWH0B	575/3/60	9.6	150,000	203,000	50⅞ x 71⅝ x 107⅝ <sub>16</sub>	1826	26	30
12½	YCH151C3L0B	208-230/3/60	11.3	154,000	122,000	50⅞ x 71⅝ x 107⅝ <sub>16</sub>	1915	64	80
12½	YCH151C4L0B	460/3/60	11.3	154,000	122,000	50⅞ x 71⅝ x 107⅝ <sub>16</sub>	1915	31	40
2½	YCH151CWL0B	575/3/60	11.3	154,000	122,000	50⅞ x 71⅝ x 107⅝ <sub>16</sub>	1915	25	30
12½	YCH151C3H0B	208-230/3/60	11.3	154,000	203,000	50⅞ x 71⅝ x 107⅝ <sub>16</sub>	1915	64	78
12½	YCH151C4H0B	460/3/60	11.3	154,000	203,000	50⅞ x 71⅝ x 107⅝ <sub>16</sub>	1915	31	40
12½	YCH151CWH0B	575/3/60	11.3	154,000	203,000	50⅞ x 71⅝ x 107⅝ <sub>16</sub>	1915	25	30
15	YCH180B3L0H	208-230/3/60	9.7	182,000	203,000	50⅞ x 71⅝ x 107⅝ <sub>16</sub>	2033	78	90
15	YCH180B4L0H	460/3/60	9.7	182,000	203,000	50⅞ x 71⅝ x 107⅝ <sub>16</sub>	2033	39	50
15	YCH180BWL0H	575/3/60	9.7	182,000	203,000	50⅞ x 71⅝ x 107⅝ <sub>16</sub>	2033	31	40
15	YCH180B3H0H	208-230/3/60	9.7	182,000	284,000	50⅞ x 71⅝ x 107⅝ <sub>16</sub>	2033	78	90
15	YCH180B4H0H	460/3/60	9.7	182,000	284,000	50⅞ x 71⅝ x 107⅝ <sub>16</sub>	2033	39	50
15	YCH180BWH0H	575/3/60	9.7	182,000	284,000	50⅞ x 71⅝ x 107⅝ <sub>16</sub>	2033	31	40
15	YCH181C3L0C	208-230/3/60	11.5	189,000	203,000	54 x 85⅝ x 122⅝ <sub>16</sub>	2464	74	90
15	YCH181C4L0C	460/3/60	11.5	189,000	203,000	54 x 85⅝ x 122⅝ <sub>16</sub>	2464	36	50
15	YCH181CWL0C	575/3/60	11.5	189,000	203,000	54 x 85⅝ x 122⅝ <sub>16</sub>	2464	29	40
15	YCH181C3H0C	208-230/3/60	11.5	189,000	284,000	54 x 85⅝ x 122⅝ <sub>16</sub>	2464	74	90
15	YCH181C4H0C	460/3/60	11.5	189,000	284,000	54 x 85⅝ x 122⅝ <sub>16</sub>	2464	36	50
15	YCH181CWH0C	460/3/60	11.5	189,000	284,000	54 x 85⅝ x 122⅝ <sub>16</sub>	2464	29	40

Unit Model No.	Supply Horizontal H x W②③	Return Horizontal H x W②③
YC*150C	41 <sup>7</sup> / <sub>16</sub> x 22 <sup>1</sup> / <sub>2</sub>	41 <sup>7</sup> / <sub>16</sub> x 17 <sup>9</sup> / <sub>16</sub>
YC*151, 180	42 <sup>1</sup> / <sub>2</sub> x 26 <sup>1</sup> / <sub>2</sub>	42 <sup>1</sup> / <sub>2</sub> x 24 <sup>9</sup> / <sub>16</sub>
YC*181	46 <sup>7</sup> / <sub>16</sub> x 26 <sup>1</sup> / <sub>2</sub>	46 <sup>7</sup> / <sub>16</sub> x 27 <sup>9</sup> / <sub>16</sub>

Note: L = Low Heat H = High Heat in ninth digit

① HACR Type Circuit Breaker per NEC.

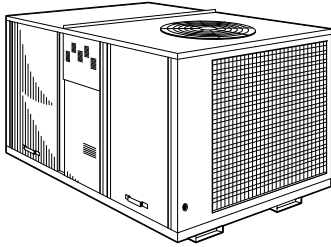
② Dimensions are in inches. See Outline Dimensions.

③ Interior Dimension.

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

# American Standard

## Packaged Gas/Electric with ReliaTel™ Controls 17½ through 25 Tons



**YCH—Horizontal**

- EER up to 11.5
- Scroll compressors on all units
- **ReliaTel™** control features are listed on page PC-35
- Built-in anti-short cycle timer and time delay relay
- Low Ambient to 0°F standard
- High efficiency drum and tube heat exchanger
- Color coded and numbered wiring
- Two inch filters on both YCH and YCD to clean air and keep coil maintenance low
- Simple U-shaped airflow pattern results in very low airside energy requirement
- “Quick-Access” doors and single side access make servicing much faster for lower maintenance costs
- Quick-adjust idler arm pulley. Adjust belt tension, change belts, adjust airflow quickly
- High efficiency gas heat with hot surface ignition for low heating energy costs, low maintenance and high reliability
- IAQ sloped condensate drain pans
- 5-year limited compressor warranty (17-1/2 ton)
- 1-year limited compressor warranty (20 and 25 tons)
- 5-year limited heat exchanger warranty (17-1/2 ton)
- 1 year limited heat exchanger (20-25 ton)
- 1 year limited parts warranty

**Table PG-46-A — Horizontal — Micro Control Unit Max Fuse Size**

Tons	Unit Model No.	Power Supply Volts/Phase/Hz	Performance EER (3Ø)	Cooling Capacity (Btuh)	Heating Output Capacity (Btuh)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)		Max Fuse Size or Ⓞ Max Circuit Breaker*
								MCA*	
17½	YCH210C3LOE	208-230/3/60	9.6	210,000	203,000	50½/8 x 71½/16 x 107½/16	2189	88	100
17½	YCH210C4LOE	460/3/60	9.6	210,000	203,000	50½/8 x 71½/16 x 107½/16	2189	44	50
17½	YCH210CWL0E	575/3/60	9.6	210,000	203,000	50½/8 x 71½/16 x 107½/16	2189	35	45
17½	YCH210C3HOE	208-230/3/60	9.6	210,000	284,000	50½/8 x 71½/16 x 107½/16	2189	88	100
17½	YCH210C4HOE	460/3/60	9.6	210,000	284,000	50½/8 x 71½/16 x 107½/16	2189	44	50
7½	YCH210CWH0E	575/3/60	9.6	210,000	284,000	50½/8 x 71½/16 x 107½/16	2189	35	45
17½	YCH211C3LOC	208-230/3/60	11.0	220,000	203,000	54 x 85½/16 x 122½/16	2547	91	110
17½	YCH211C4LOC	460/3/60	11.0	220,000	203,000	54 x 85½/16 x 122½/16	2547	44	60
17½	YCH211CWL0C	575/3/60	11.0	220,000	203,000	54 x 85½/16 x 122½/16	2547	35	45
17½	YCH211C3H0C	208-230/3/60	11.0	220,000	284,000	54 x 85½/16 x 122½/16	2547	91	110
17½	YCH211C4H0C	460/3/60	11.0	220,000	284,000	54 x 85½/16 x 122½/16	2547	44	60
17½	YCH211CWH0C	575/3/60	11.0	220,000	284,000	54 x 85½/16 x 122½/16	2547	35	45
20	YCH240B3LOJ	208-230/3/60	9.5	242,000	203,000	54 x 85½/16 x 122½/16	2547	100	125
20	YCH240B4LOJ	460/3/60	9.5	242,000	203,000	54 x 85½/16 x 122½/16	2547	50	60
20	YCH240BWL0J	575/3/60	9.5	242,000	203,000	54 x 85½/16 x 122½/16	2547	40	45
20	YCH240B3HOJ	208-230/3/60	9.5	242,000	324,000	54 x 85½/16 x 122½/16	2547	100	125
20	YCH240B4HOJ	460/3/60	9.5	242,000	324,000	54 x 85½/16 x 122½/16	2547	50	60
20	YCH240BWH0J	575/3/60	9.5	242,000	324,000	54 x 85½/16 x 122½/16	2547	40	45
20	YCH241C3LOC	208-230/3/60	10.6	268,000	203,000	54 x 85½/16 x 122½/16	2645	99	125
20	YCH241C4LOC	460/3/60	10.6	268,000	203,000	54 x 85½/16 x 122½/16	2645	50	60
20	YCH241CWL0C	575/3/60	10.6	268,000	203,000	54 x 85½/16 x 122½/16	2645	40	50
20	YCH241C3H0C	208-230/3/60	10.6	268,000	324,000	54 x 85½/16 x 122½/16	2645	99	125
20	YCH241C4H0C	460/3/60	10.6	268,000	324,000	54 x 85½/16 x 122½/16	2645	50	60
20	YCH241CWH0C	575/3/60	10.6	268,000	324,000	54 x 85½/16 x 122½/16	2645	40	50
25	YCH300B3LOH	208-230/3/60	9.3	290,000	203,000	54 x 85½/16 x 122½/16	2541	118	150
25	YCH300B4LOH	460/3/60	9.3	290,000	203,000	54 x 85½/16 x 122½/16	2541	58	70
25	YCH300BWL0H	575/3/60	9.3	290,000	203,000	54 x 85½/16 x 122½/16	2541	46	50
25	YCH300B3HOH	208-230/3/60	9.3	290,000	324,000	54 x 85½/16 x 122½/16	2541	118	150
25	YCH300B4HOH	460/3/60	9.3	290,000	324,000	54 x 85½/16 x 122½/16	2541	58	70
25	YCH300BWH0H	575/3/60	9.3	290,000	324,000	54 x 85½/16 x 122½/16	2541	46	50
25	YCH301C3LOC	208-230/3/60	10.4	300,000	203,000	54 x 85½/16 x 122½/16	2650	120	150
25	YCH301C4LOC	460/3/60	10.4	300,000	203,000	54 x 85½/16 x 122½/16	2650	58	70
25	YCH301CWL0C	575/3/60	10.4	300,000	203,000	54 x 85½/16 x 122½/16	2650	47	60
25	YCH301C3H0C	208-230/3/60	10.4	300,000	324,000	54 x 85½/16 x 122½/16	2650	120	150
25	YCH301C4H0C	460/3/60	10.4	300,000	324,000	54 x 85½/16 x 122½/16	2650	58	70
25	YCH301CWH0C	575/3/60	10.4	300,000	324,000	54 x 85½/16 x 122½/16	2650	47	60

Unit Model No.	Supply Horizontal H x WⓄⓂ	Return Horizontal H x WⓄⓂ
YC*180, 210	42½/2 x 26½/2	42½/2 x 24½/16
YC*211, 240, 241, 300	46⅞/16 x 26½/2	46⅞/16 x 27½/16

Note: L = Low Heat H = High Heat in ninth digit  
 Ⓞ HACR Type Circuit Breaker per NEC.  
 Ⓜ Dimensions are in inches. See Outline Dimensions.  
 Ⓞ Interior Dimension.

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

For complete equipment / combination selections and installation instructions, please refer to Product Data and/or Installers Guides.



# Packaged Gas/Electric with ReliaTel™ Controls 12½ through 25 Tons (Model Digit Numbers)

Table PG-47-A — Factory Installed Accessories<sup>①②</sup> For Complete list of all Factory Installed Options, please refer to the FIOPS section of this book.

Digit	Description	Order Number	Used With
<b>1-9</b>	<b>Main Assembly (see previous page)</b>		
<b>10</b>	<b>Factory Installed Options</b>		
	No Options	0	YC*150-301
	Downflow Economizer <sup>③</sup>	A	YCD150-301
	Oversized Motor	B	YC*150-241
	Downflow Economizer and Oversized Motor <sup>③</sup>	C	YCD150-241
	Comm 3/4, Communications Interface (TCI) <sup>⑤</sup>	F	YC*150-301
	Downflow Economizer, TCI <sup>③⑤</sup>	G	YCD150-301
	TXV/Face - Split Evaporator	H	YCD151, 181, 211, 241, 301
	Oversized Motor and TXV/Face -Split Evaporator	J	YCD151, 181, 211, 241
	Downflow Economizer, Oversized Motor and TXV/Face Split Evaporator <sup>③</sup>	K	YCD151, 181, 211, 241
	Downflow Economizer with TXV/Face - Split Evaporator <sup>③</sup>	L	YCD151, 181, 211, 241, 301
	Reheat Coil <sup>④</sup>	M	YCD151, 181, 241
	Downflow Economizer with Reheat Coil <sup>③④</sup>	N	YCD151, 181, 241
	Oversized Motor and Reheat Coil <sup>④</sup>	P	YCD151, 181, 241
	Downflow Economizer, Oversized Motor and Reheat Coil <sup>③④</sup>	R	YCD151, 181, 241
<b>11-12</b>	<b>Minor Design and Service Sequence</b>	**	

① Price includes accessory and factory installation.

② Four (4) week shipping approximately.

③ Some field set up required.

④ All 10th digit model numbers including reheat coil (M,N,P,R) require additional factory installed options; ReliaTel™ Options Module (FIYABRD002B), Froststat (FIYLOAM023A), and 2" Pleated Filters (FIYPLTD001A, 002A, or 003A refer to FIOPS section for appropriate model number usage). For these or any Factory Installed Options not included in 10th digit model number, digits 1-3 must be YED.

⑤ TCI is for use with non-VariTrac systems and VariTrac systems.



# Packaged Gas/Electric with ReliaTel™ Controls 12½ through 25 Tons (Accessories)

Table PG-48-A — Field Installed Accessories

For complete list of of All Factory Installed Options refer to FIOPS section of this book.

Model Number	Description	Used With
ASYSTAT713A <sup>(1)</sup>	CO <sup>2</sup> Sensor Wall Mounted	YC*150-301 w/Economizer
ASYSTAT715A <sup>(1)</sup>	CO <sup>2</sup> Sensor Duct Mounted	YC*150-301 w/Economizer
BAYABRD002B <sup>(9)</sup>	ReliaTel™ Options Module	YCD/YCH150-301
BAYCURB026B <sup>(6)(7)</sup>	Downflow Only Roof Curb	YCD150D, 151C, 180B, 210C
BAYCURB027B <sup>(6)(7)</sup>	Downflow Only Roof Curb	YCD181C, 240-301C
BAYDFPS005A <sup>(8)(9)</sup>	Clogged Filter Switch	YCD/YCH (12½-25 Tons)
BAYDFPS006A <sup>(8)(9)</sup>	Fan Failure Switch	Economizers/0-50% Motorized Outside Air Dampers
BAYDIAG001A	Generic Input/Output Module	YCD/YCH150D
BAYDMPR029C	0-25% Manual Outside Air Damper	YCD/YCH (12½-25 Tons)
BAYDMPR057A	0-50% Motorized Outside Air Damper	YCD/YCH150D, 151C, 180B, 210C
BAYDMPR058A	0-50% Motorized Outside Air Damper	YCD/YCH181C, 240-301C
BAYECON089A <sup>(9)</sup>	Downflow Economizer with Barometric Relief	YCD150D, 151C, 180B, YCD210C
BAYECON090A <sup>(9)</sup>	Downflow Economizer with Barometric Relief	YCD181C, 211,240B,241C,300B,301C
BAYECON091A	Horizontal Economizer	YCH150D, 151C, 180B, YCH210C
BAYECON092A	Horizontal Economizer	YCH181C, 240-301
BAYENTH007A <sup>(1)(2)</sup>	Reference Enthalpy Kit	All BAYECON089-92A
BAYENTH008A <sup>(1)(2)(3)</sup>	Comparative Enthalpy Kit	All BAYECON089-92A
BAYFRST001A	High Temperature Stat	YCD/YCH150-301C
BAYGARD043B <sup>(9)</sup>	Tool-less Hail Guard	YC*150D
BAYGARD044B <sup>(9)</sup>	Tool-less Hail Guard	YC*151C, 180B, 210C
BAYGARD045A <sup>(9)</sup>	Tool-less Hail Guard	YC*181C, 211C, 240B, 241C, 301C
BAYGARD047A <sup>(9)</sup>	Tool-less Hail Guard	YC*300B
BAYHSDR002B <sup>(4)</sup>	High Static Drive	YCD/YCH151C
BAYHSDR005B <sup>(4)</sup>	High Static Drive	YCD/YCH180B, 211C, 240B, 241B
BAYHSDR010A	High Static Drive	YCD/YCH300B, 301C
BAYHSDR011A	High Static Drive	YCD/YCH181C
BAYHSMT039B <sup>(4)(9)</sup>	5HP Oversized Motor Kit	YCD/YCH150D,151C, 180B
BAYHSMT040B <sup>(9)</sup>	5HP Oversized Motor Kit	YCD/YCH150DW
BAYHSMT042A <sup>(5)(9)</sup>	7-1/2HP Oversized Motor Kit (575V)	YC*211C,240B,241CW
BAYHSMT055B <sup>(4)(9)</sup>	5HP Oversized Motor Kit	YCD/YCH181C
BAYHSMT059A <sup>(5)(9)</sup>	7-1/2HP Oversized Motor Kit (230V)	YCD/YCH210C
BAYHSMT060A <sup>(9)</sup>	7-1/2HP Oversized Motor Kit	YC*210C4
BAYHSMT061A <sup>(5)(9)</sup>	7-1/2HP Oversized Motor Kit (575V)	YC*210CW
BAYHSMT066B <sup>(4)(9)</sup>	5HP Oversized Motor Kit	YCD/YCH150C
BAYHSMT072A <sup>(5)(9)</sup>	7-1/2HP Oversized Motor Kit (575V)	YC*181CW
BAYHSMT098A <sup>(5)(9)</sup>	7-1/2HP Oversized Motor Kit	YC*211,240,241C3
BAYHSMT099A <sup>(5)(9)</sup>	7-1/2HP Oversized Motor Kit	YC*211,240,241C4
BAYICSI004B <sup>(8)(9)</sup>	Comm 3/4, Communications Interface (TCI)	YC*150-301
BAYLOAM023A	Evaporator Defrost Control	YC*150-301
BAYLPKT018A	LP Conversion Kit	YCD/YCH150D,151-301C
BAYLSDR002A <sup>(5)</sup>	Low Static Drive	YCD/YCH300B, 301C
BAYLSDR004A <sup>(5)</sup>	Low Static Drive	YCD/YCH210C
BAYLTCI003B <sup>(9)</sup>	LonTalk Communications Interface (TCI)	YC*150-301
BAYPWRX029A	Power Exhaust for 230 volt units	BAYECON062,063, 065, 066B (YCD150D, 151-301C)
BAYPWRX030A	Power Exhaust for 460 volt units	BAYECON062,063, 065, 066B (YCD150D, 151-301C)
BAYPWRX031A	Power Exhaust for use with Downflow Economizer(575V)	YCD150DW
BAYSENS016A	Temperature Sensor	YCD/YCH (12½-25 Tons)
BAYSERV001A	Selective Resistance Service Tester	YCD/YCH (12½-25 Tons)
BAYSTAT023 <sup>(7)</sup>	Remote Potentiometer	All BAYECON061 through 076A/B
BAYTUBE008A <sup>(8)(9)(10)</sup>	Discharge Air Sensing Kit	YCD150D
BAYTUBE009A <sup>(8)(9)(10)</sup>	Discharge Air Sensing Kit	YCH150D
BAYVNOR002B <sup>(9)</sup>	Ventilation Override Kit	YCD/YCH150-301 w/ReliaTel™ Options Module

Table PG-48-B — Zone Sensors: (Micro Thermostats to be used with New Micro Units)

ASYSTAT661B	Single Setpoint Manual Changeover	YC*150-301
ASYSTAT663B	Dual Setpoint Manual or Auto Changeover	YC*150-301
ASYSTAT666C	Programmable Night Setback	YC*150-301
ASYSTAT669A	Remote Room Sensor	ASYSTAT666C
ASYSTAT708A	Dual Thermistor Remote (averaging)	YC*150-301
ASYSTAT709A	Digital Display Zone Sensor	YC*150-301
ASYSTAT710A	Wall Mounted Humidity Sensor	YFD151,181,241 (with Reheat)
ASYSTAT711A	Duct Mounted Humidity Sensor	YFD151,181,241 (with Reheat)
BAYMTPL003B	Retrofit Wall Cover Plate Kit 7.25" x 6.0"	ASYSTAT666C
BAYMTPL004A	Retrofit Wall Cover Plate Kit 4.75" x 4.75"	ASYSTAT661B, 663B,669A

<sup>(1)</sup> Kit contains all necessary parts to achieve desired level of Enthalpy Control.

<sup>(2)</sup> Reference Enthalpy senses outside temperature/humidity and inside supply air only.

<sup>(3)</sup> Comparative Enthalpy senses outside temperature/humidity and inside supply and return air.

<sup>(4)</sup> High static drive and oversized motors are mutually exclusive, Do Not Combine.

<sup>(5)</sup> Low static drive and oversized motors are mutually exclusive, Do Not Combine.

<sup>(6)</sup> See Accessory IOM for operational characteristics.

<sup>(7)</sup> Clarksville Manufacturing has a no-return policy for this roof curb.

<sup>(8)</sup> BAYABRD002 is required when ordering BAYDFPS005A or 006A, BAYTUBE008A or 009A and BAYLOAM023A or BAYVNOR002A.

<sup>(9)</sup> Field or factory installed option.

<sup>(10)</sup> Used for true discharge air sensing in both heating and cooling models.

<sup>(11)</sup> Field installed accessory.

<sup>(12)</sup> Interface allows a unit with ReliaTel™ Controls to communicate with Tracer 100, Tracker, VariTrac II, and is the preferred method of communication to Tracer Summit.

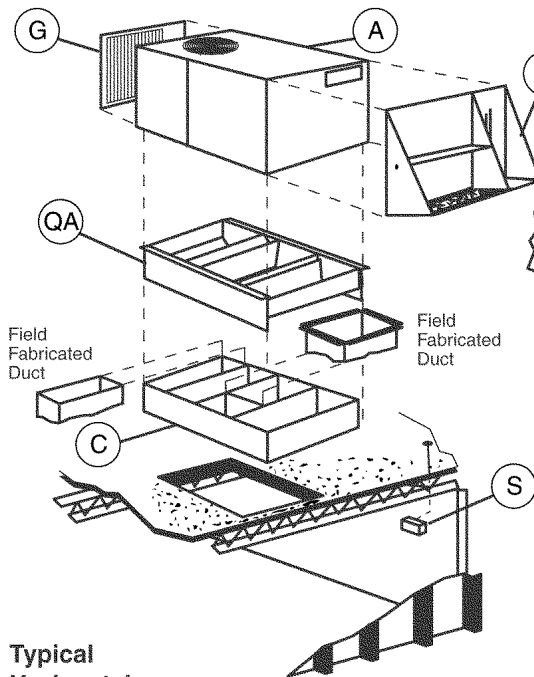
<sup>(13)</sup> With ReliaTel™ controlled units only.

\* Either horizontal or downflow models

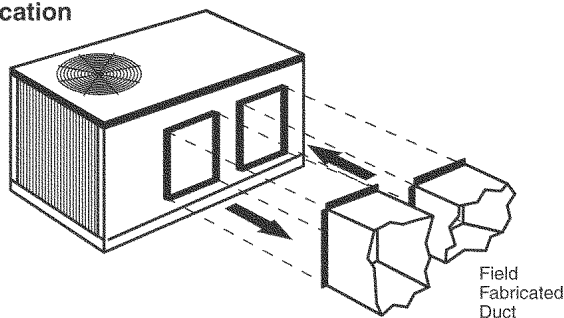
See ReliaTel™ and Micro Control features on PC-35 and PC-36.

12 1/2 – 25 Ton Packaged Gas/Electric,  
Electric/Electric and Heat Pump

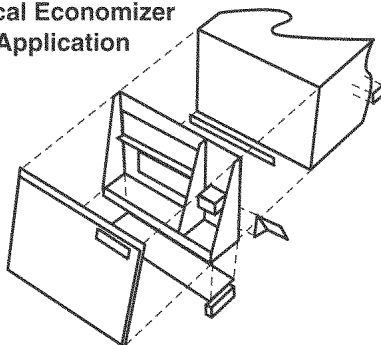
### Typical Downflow Application



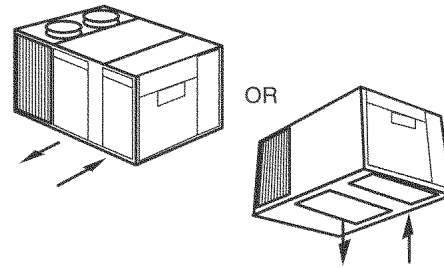
### Typical Horizontal Application



### Typical Economizer Application



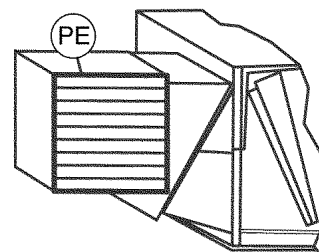
### Dedicated Airflow Design



### Factory Supplied Accessories

- (A) Unit  
YCD/H, TCD/H, WCD/H
- (G) Coil Guard  
(BAYGARD)
- (E) Economizer (Downflow and  
Horizontal) (BAYECON)
- (D) Fresh Air Damper (BAYDMPR)  
Manual  
Motorized
- (S) Sensor/Thermostat
- (C) Curb (BAYCURB)
- (QA) Quick Adapt Curb...Field Supplied
- (PE) Power Exhaust (BAYPWRX)

### Power Exhaust Accessory







# Factory Installed Options

## Commercial Packaged Units

### 12 1/2 through 25 Tons\*

American Standard offers a variety of factory installed options (FIOPS) for the light commercial packaged rooftop product line. These options are in addition to the standard factory installed options, i.e., downflow economizer and oversized motors.

**Black Epoxy Coated Condenser Coil** – Black Epoxy coil protection is a factory-applied, thermoset vinyl coating that is bonded to the aluminum fin stock prior to the fin stamping process. The pre-coated coils are an economical option for protection in mildly corrosive environments.

**Dehumidification Option** – The dehumidification (hot gas reheat) option shall be a factory-installed option that provides increased dehumidification. The option shall consist of a hot-gas reheat coil located on the leaving air side of the evaporator coil prepiped and circuited.

The option shall be equipped with crankcase heater(s), low pressure switch(es), Froststat™, and a thermostatic expansion valve(s) (TXV) as standard.

**Differential Pressure Switches** – A dedicated differential pressure switch is available to achieve active fan failure indication and/or clogged filter indication. These indications will be registered on a zone sensor with status indication lights. This option is available for all 3 – 25 ton models.

**Electric Heaters** – Factory installed and wired electric heaters are available for all 230, 460, and 575 volt 3-phase horizontal and downflow 3 – 25 ton models. If ordering the Through the Base Electrical option with an Electric Heater, the heater must be factory installed.

**Hinged Access Doors** – Sheet metal hinges are available factory installed on the Filter/Evaporator Access Door and the Compressor/Control Access Door of all 3 – 25 ton downflow units.

**Powered or Unpowered Convenience Outlet** – This option is a GFCI, 120 volt/15 amp, 2 plug, convenience outlet, either powered or unpowered. When the convenience outlet is powered, a service receptacle disconnect will be available. The convenience outlet is powered from the line side of the disconnect or circuit breaker, and therefore will not be affected by the position of the disconnect or circuit breaker.

This option is available for all 3 – 25 ton downflow units and can only be ordered when the Through the Base Electrical with either the Disconnect Switch or Circuit Breaker option is ordered.

**Reference or Comparative Enthalpy** – When a factory installed Downflow Economizer is ordered, an option will be to factory install either Reference or Comparative Enthalpy Control.

**Through the Base Electrical with Circuit Breaker** – This option is a factory installed thermal magnetic, molded case, HACR Circuit Breaker with provisions for through the base electrical connections. The circuit breaker will be installed in a water tight enclosure in the unit with access through a swinging door. Factory wiring will be provided from the switch to the unit high voltage terminal block. The circuit breaker will provide overcurrent protection, be sized per NEC and UL guidelines, and be agency recognized by UL/CSA.

This option is available for all 3 – 25 ton downflow models. Either a Circuit Breaker or a Disconnect Switch (not both) must be ordered when ordering the Through the Base Electrical option.

**Through the Base Electrical with Disconnect Switch** – Factory installed 3-pole, molded case disconnect switch with provisions for through the base electrical connections are available. The disconnect switch will be installed in the unit in a water tight enclosure with access through a swinging door. Factory wiring will be provided from the switch to the unit high voltage terminal block. The switch will be UL/CSA agency recognized. Note: The disconnect switch will be sized per NEC and UL guidelines but will not be used in place of unit overcurrent protection.

This option is available for all 230, 460 and 575 volt, 3-phase downflow 3 – 25 ton models. Either a Circuit Breaker or a Disconnect Switch (not both) must be ordered when ordering the Through the Base Electrical option.

\* Some FIOPs available only for certain tonnages, unit functions, or efficiencies.

**Through the Base Gas Piping** – With this option, provision will be made in the unit for installing through the base gas piping. The option will have all piping necessary including a pre-assembled, black steel, manual gas shut-off valve, elbows and union. The manual shut-off valve shall include a 1/8 inch NPT pressure tap. This assembly will require minor field labor to install.

This option is available for all 3 – 25 ton downflow gas/electric units, and can only be ordered when the Through the Base Electrical Option with Disconnect or Circuit Breaker is ordered.

**Discharge Air Sensing Kit** – This option provides true discharge air sensing in heating models. This sensor is a status indicator readable through Tracer® or Tracker®. The kit is functional only with the ReliaTel™ Module.

**Coil Guards** – Hail protection quality coil guards shall be either factory or field-installed for condenser coil protection.

**High Efficiency Motors** – This option is available with efficiency ratings from 86.5 up to 91.0. Not available for all models.

**Supply and/or Return Air Smoke Detector** – With this option installed, if smoke is detected, all unit operation will be shut down. Reset will be manual at the unit. Return Air Smoke Detectors require minimum allowable airflow when used with certain models. See the Installation, Operation, and Maintenance (IOM) manual for the models affected and the minimum allowable airflow required. This option is available on all 12½-25 tons downflow models.

**Froststat** – This factory or field installed option is to be utilized as a safety device. The Froststat opens when temperatures on the evaporator coil fall below 10°F. The temperature will need to rise to 50°F before closing. This option should be utilized in low airflow or high outside air applications.

**Through the Base Utilities Access** – An electrical service entrance shall be provided allowing electrical access for both control and main power connection inside the curb and through the base of the unit. Option will allow for field installation of liquid-tight conduit and an external field installed disconnect switch.

**Novar Unit Controls** – Novar rooftop unit controls will be factory installed and tested. The Novar electronic thermostat module will interface to the unit microprocessor and will control the unit to the desired stage of cooling or heating. The Novar electronic thermostat module will monitor the following unit information: fan failure status, cooling stage 1-on status, cooling stage 2 on status, heating on status, clogged filter status or unit shutdown status, and discharge air temperature. The Novar electronic thermostat module will have the ability to enable the unit mounted economizer.

**Novar Return Air Sensor** – This option, when used in conjunction with Novar Controls, will contain a factory provided wired zone temperature sensor located in the return air stream.

**Two Inch Pleated Filters** – Two inch pleated media filters shall be available on all 12½-20 ton models.

**Thermal Expansion Valve** – All units shall have a short orifice refrigerate control metering device. For more exact refrigerant flow, when using units in low airflow or high outside air applications, a Thermal Expansion Valve option shall be available.

#### Before Ordering:

Not all factory options are offered for single phase units.

Please contact the Clarksville, TN Support Team for latest updates of factory installed options and ordering instructions.

Call (931) 645-6471 and ask to be connected to the Light Commercial Product Support Team. (888) 279-0543



# Downflow/Horizontal Packaged Cooling, Packaged Gas/Electric/Packaged Heat Pump Factory Installed Options (FIOPS)

**Table FIOPS-2-A — Accessories**

Model Number	Description	Used With
<b>Black Epoxy Coated Condenser Coil</b>		
FIYCOIL205A	Black Epoxy Coated Condenser Coil	T/Y/WC*150
FIYCOIL206A	Black Epoxy Coated Condenser Coil	T/YC*151,180,210
FIYCOIL207A	Black Epoxy Coated Condenser Coil	WC*180
FIYCOIL209A	Black Epoxy Coated Condenser Coil	T/YC*181,211,240,241,301, WC*240
FIYCOIL210A	Black Epoxy Coated Condenser Coil	T/YC*300
<b>Circuit Breaker</b>		
Must be used with Through-the-Base Electrical option (downflow only).		
FIYUCB3175A	Unit Mounted Circuit Breaker	Consult Matrix Sheets
FIYUCB3200A	Unit Mounted Circuit Breaker	Consult Matrix Sheets
FIYUCB3225A	Unit Mounted Circuit Breaker	Consult Matrix Sheets
FIYUCB3250A	Unit Mounted Circuit Breaker	Consult Matrix Sheets
FIYUCB4015A	Unit Mounted Circuit Breaker	Consult Matrix Sheets
FIYUCB4020A	Unit Mounted Circuit Breaker	Consult Matrix Sheets
FIYUCB4025A	Unit Mounted Circuit Breaker	Consult Matrix Sheets
FIYUCB4030A	Unit Mounted Circuit Breaker	Consult Matrix Sheets
FIYUCB4035A	Unit Mounted Circuit Breaker	Consult Matrix Sheets
FIYUCB4040A	Unit Mounted Circuit Breaker	Consult Matrix Sheets
FIYUCB4045A	Unit Mounted Circuit Breaker	Consult Matrix Sheets
FIYUCB4050A	Unit Mounted Circuit Breaker	Consult Matrix Sheets
FIYUCB4060A	Unit Mounted Circuit Breaker	Consult Matrix Sheets
FIYUCB4070A	Unit Mounted Circuit Breaker	Consult Matrix Sheets
FIYUCB4080A	Unit Mounted Circuit Breaker	Consult Matrix Sheets
FIYUCB4090A	Unit Mounted Circuit Breaker	Consult Matrix Sheets
FIYUCB4100A	Unit Mounted Circuit Breaker	Consult Matrix Sheets
FIYUCB4110A	Unit Mounted Circuit Breaker	Consult Matrix Sheets
FIYUCB4125A	Unit Mounted Circuit Breaker	Consult Matrix Sheets
FIYUCB4150A	Unit Mounted Circuit Breaker	Consult Matrix Sheets
FIYUCB6110A	Unit Mounted Circuit Breaker	Consult Matrix Sheets
FIYUCB6125A	Unit Mounted Circuit Breaker	Consult Matrix Sheets
<b>Convenience Outlet</b>		
Must be ordered with Through-the-Base Electrical option and either Unit Mounted Disconnect or Circuit Breaker (downflow only).		
FIYCOPO201A	Powered, 120V Convenience Outlet, 230V	TC/YCD150-301*3, WCD150-240*3
FIYCOPO202A	Powered, 120V Convenience Outlet, 230V	TC/YCD150-301*4, WCD150-240*4
FIYCOPO205A	Powered, 120V Convenience Outlet, 230V	TC/YCD150-301*W, WCD150-240*W
FIYCOUP201A	Unpowered, 115V Convenience Outlet	TC/YCD150-301, WCD150-240
<b>Discharge Air Sensing Kit</b>		
Used for true discharge air sensing in heating models. Functional only with ReliaTel™ Options Module (FIYABRD002B).		
FIYTUBE008A	Discharge Air Sensing Kit (All Voltages)	TC/YCD150-301*, WCD150-240
FIYTUBE009A	Discharge Air Sensing Kit (All Voltages)	TC/YCH150-301*, WCH150-240
<b>Disconnect Switch</b>		
Must be used with Through-the-Base Electrical option (downflow only). Cannot be fused.		
FIYUDC3250A	Unit Mounted Disconnect Switch	Consult Matrix Sheets
FIYUDC4100A	Unit Mounted Disconnect Switch	Consult Matrix Sheets
FIYUDC4150A	Unit Mounted Disconnect Switch	Consult Matrix Sheets
FIYUDC6100A	Unit Mounted Disconnect Switch	Consult Matrix Sheets
<b>Economizer Actuator Logic Module</b>		
FIYLGCM001A is required when ordering the following Factory Installed Options (FIOPs). Reference Enthalpy (FIYENTH007A), Comparative Enthalpy (FIYENTH008A), Novar Controls (FIYCNTL013A, 015A,016A, 017A,018A, 019A).		
FIYLGCM001A	Economizer Actuator Logic Module	All Packaged Rooftop Units 12½-25 Tons with economizers and the above mentioned FIOPs. (FIOP #s)





# Downflow/Horizontal Packaged Cooling, Packaged Gas/Electric/Packaged Heat Pump Factory Installed Options (FIOPS)

Table FIOPS-3-A — Accessories

Model		
Number	Description	Used With
<b>Electric Heat - Cooling</b>		
Must be factory installed when using with Through-the-Base Electrical option.		
FIDHTRA309B	Factory Installed 9 KW Electric Heat	See Unit Price Sheets
FIDHTRA318B	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIDHTRA327B	Factory Installed 27 KW Electric Heat	See Unit Price Sheets
FIDHTRA336B	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIDHTRD318A	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIDHTRD336A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIDHTRD354A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets
FIDHTRF318A	Factory Installed 18 KW Electric Heat	See Unit Price Sheet
FIDHTRK336A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIDHTRK354A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets
FIDHTRL336A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIDHTRL354A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets
FIDHTRK372A	Factory Installed 72 KW Electric Heat	See Unit Price Sheets
FIDHTRJ318A	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIDHTRJ336A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIDHTRA409B	Factory Installed 9 KW Electric Heat	See Unit Price Sheets
FIDHTRA418B	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIDHTRA427B	Factory Installed 27 KW Electric Heat	See Unit Price Sheets
FIDHTRA436B	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIDHTRC418A	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIDHTRD436A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIDHTRD454A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets
FIDHTRL418A	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIDHTRK436A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIDHTRK454A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets
FIDHTRL436A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIDHTRL454A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets
FIDHTRK472A	Factory Installed 72 KW Electric Heat	See Unit Price Sheets
FIDHTRJ418A	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIDHTRJ436A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIDHTRAW18B	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIDHTRAW27B	Factory Installed 27 KW Electric Heat	See Unit Price Sheets
FIDHTRCW18A	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIDHTRCW36A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIDHTRCW54A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets
FIDHTRKW18A	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIDHTRKW54A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets
FIDHTRMW36A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIDHTRLW54A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets
FIDHTRKW72A	Factory Installed 72 KW Electric Heat	See Unit Price Sheets
FIDHTRJW18A	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIDHTRJW36A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIHHTRA309B	Factory Installed 9 KW Electric Heat	See Unit Price Sheets
FIHHTRA318B	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIHHTRA327B	Factory Installed 27 KW Electric Heat	See Unit Price Sheets
FIHHTRA336B	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIHHTRD318A	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIHHTRD336A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIHHTRD354A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets
FIHHTRM318A	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIHHTRM336A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIHHTRM354A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets
FIHHTRN336A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIHHTRN354A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets



# Downflow/Horizontal Packaged Cooling, Packaged Gas/Electric/Packaged Heat Pump Factory Installed Options (FIOPS)

Table FIOPS-4-A — Accessories

Model	Description	Used With
<b>Electric Heat - Cooling (Contd.)</b>		
FIHHTRN372A	Factory Installed 72 KW Electric Heat	See Unit Price Sheets
FIHHTRJ318A	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIHHTRJ336A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIHHTRA409B	Factory Installed 9 KW Electric Heat	See Unit Price Sheets
FIHHTRA418B	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIHHTRA427B	Factory Installed 27 KW Electric Heat	See Unit Price Sheets
FIHHTRA436B	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIHHTRM418A	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIHHTRM436A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIHHTRM454A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets
FIHHTRN436A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIHHTRN454A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets
FIHHTRN472A	Factory Installed 72 KW Electric Heat	See Unit Price Sheets
FIHHTRJ418A	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIHHTRJ436A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIHHTRAW18B	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIHHTRAW27B	Factory Installed 27 KW Electric Heat	See Unit Price Sheets
FIHHTRMW18A	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIHHTRMW36A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIHHTRMW54A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets
FIHHTRNW54A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets
FIHHTRNW72A	Factory Installed 72 KW Electric Heat	See Unit Price Sheets
FIHHTRJW18A	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIHHTRJW36A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIHHTRN318A	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIHHTRN418A	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIHHTRNW18A	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIHHTRP336A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIHHTRQ336A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIHHTRP436A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIHHTRQ436A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIHHTRPW36A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIHHTRP354A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets
FIHHTRQ354A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets
FIHHTRP454A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets
FIHHTRQ454A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets
FIHHTRPW54A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets
FIHHTRQW54A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets
FIYHTRP105A	Factory Installed 6 KW Electric Heat	See Unit Price Sheets
FIYHTRP110A	Factory Installed 10 KW Electric Heat	See Unit Price Sheets
FIYHTRP114A	Factory Installed 14 KW Electric Heat	See Unit Price Sheets
FIYHTRP118A	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIYHTRP306A	Factory Installed 6 KW Electric Heat	See Unit Price Sheets
FIYHTRP312A	Factory Installed 12 KW Electric Heat	See Unit Price Sheets
FIYHTRP318A	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIYHTRP323A	Factory Installed 23 KW Electric Heat	See Unit Price Sheets
FIYHTRP406A	Factory Installed 6 KW Electric Heat	See Unit Price Sheets
FIYHTRP412A	Factory Installed 12 KW Electric Heat	See Unit Price Sheets
FIYHTRP418A	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIYHTRP423A	Factory Installed 23 KW Electric Heat	See Unit Price Sheets
FIYHTRPW06A	Factory Installed 6 KW Electric Heat	See Unit Price Sheets
FIYHTRPW12A	Factory Installed 12 KW Electric Heat	See Unit Price Sheets
FIYHTRPW18A	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIYHTRPW23A	Factory Installed 23 KW Electric Heat	See Unit Price Sheets



# Downflow/Horizontal Packaged Cooling, Packaged Gas/Electric/Packaged Heat Pump Factory Installed Options (FIOPS)

Table FIOPS-5-A — Accessories

Model Number	Description	Used With
<b>Electric Heat - Heat Pump</b>		
Must be factory installed when using with Through-the-Base Electrical option.		
FIYHTRP105A	Factory Installed 6 KW Electric Heat	See Unit Price Sheets
FIYHTRP110A	Factory Installed 10 KW Electric Heat	See Unit Price Sheets
FIYHTRP114A	Factory Installed 14 KW Electric Heat	See Unit Price Sheets
FIYHTRP118A	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIYHTRP306A	Factory Installed 6 KW Electric Heat	See Unit Price Sheets
FIYHTRP312A	Factory Installed 12 KW Electric Heat	See Unit Price Sheets
FIYHTRP318A	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIYHTRP323A	Factory Installed 23 KW Electric Heat	See Unit Price Sheets
FIYHTRP406A	Factory Installed 6 KW Electric Heat	See Unit Price Sheets
FIYHTRP412A	Factory Installed 12 KW Electric Heat	See Unit Price Sheets
FIYHTRP418A	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIYHTRP423A	Factory Installed 23 KW Electric Heat	See Unit Price Sheets
FIYHTRPW06A	Factory Installed 6 KW Electric Heat	See Unit Price Sheets
FIYHTRPW12A	Factory Installed 12 KW Electric Heat	See Unit Price Sheets
FIYHTRPW18A	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIYHTRPW23A	Factory Installed 23 KW Electric Heat	See Unit Price Sheets
FIDHTRA327B	Factory Installed 27 KW Electric Heat	See Unit Price Sheets
FIDHTRA336B	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIDHTRB309B	Factory Installed 9 KW Electric Heat	See Unit Price Sheets
FIDHTRB318B	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIDHTRD318A	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIDHTRD336A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIDHTRD354A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets
FIDHTRK318A	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIDHTRK336A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIDHTRK354A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets
FIDHTRL336A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIDHTRL354A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets
FIDHTRK372A	Factory Installed 72 KW Electric Heat	See Unit Price Sheets
FIDHTRA409B	Factory Installed 9 KW Electric Heat	See Unit Price Sheets
FIDHTRA418B	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIDHTRA427B	Factory Installed 27 KW Electric Heat	See Unit Price Sheets
FIDHTRA436B	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIDHTRC418A	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIDHTRD418A	Factory Installed 9 KW Electric Heat	See Unit Price Sheets
FIDHTRD436A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIDHTRD454A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets
FIDHTRK436A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIDHTRK454A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets
FIDHTRL436A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIDHTRL454A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets
FIDHTRK472A	Factory Installed 72 KW Electric Heat	See Unit Price Sheets
FIDHTRAW18B	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIDHTRAW27B	Factory Installed 27 KW Electric Heat	See Unit Price Sheets
FIDHTRCW18A	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIDHTRCW36A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIDHTRCW54A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets
FIDHTRDW18A	Factory installed 18 KW Electric Heat	See Unit Price Sheets



# Downflow/Horizontal Packaged Cooling, Packaged Gas/Electric/Packaged Heat Pump Factory Installed Options (FIOPS)

Table FIOPS-6-A — Accessories

Model		
Number	Description	Used With
<b>Electric Heat - Heat Pump (Contd.)</b>		
FIDHTRDW54A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets
FIDHTRKW36A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIDHTRKW54A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets
FIDHTRLW36A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIDHTRMW36A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIDHTRKW72A	Factory Installed 72 KW Electric Heat	See Unit Price Sheets
FIHHTRA327B	Factory Installed 27 KW Electric Heat	See Unit Price Sheets
FIHHTRA336B	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIHHTRB309B	Factory Installed 9 KW Electric Heat	See Unit Price Sheets
FIHHTRB318B	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIHHTRD318A	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIHHTRD336A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIHHTRD354A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets
FIHHTRM318A	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIHHTRM336A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIHHTRM354A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets
FIHHTRN336A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIHHTRN354A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets
FIHHTRN372A	Factory Installed 72 KW Electric Heat	See Unit Price Sheets
FIHHTRA409B	Factory Installed 9 KW Electric Heat	See Unit Price Sheets
FIHHTRA418B	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIHHTRA427B	Factory Installed 27 KW Electric Heat	See Unit Price Sheets
FIHHTRA436B	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIHHTRM418A	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIHHTRD418A	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIHHTRM436A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIHHTRM454A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets
FIHHTRN436A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIHHTRN454A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets
FIHHTRN472A	Factory Installed 72 KW Electric Heat	See Unit Price Sheets
FIHHTRAW18B	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIHHTRAW27B	Factory Installed 27 KW Electric Heat	See Unit Price Sheets
FIHHTRMW18A	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIHHTRMW36A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIHHTRCW54A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets
FIHHTREW36A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIHHTRMW54A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets
FIHHTRNW36A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIHHTRNW54A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets
FIHHTRNW72A	Factory Installed 72 KW Electric Heat	See Unit Price Sheets
FIHHTRMW54A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets
FIHHTRNW54A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets
FIHHTRNW72A	Factory Installed 72 KW Electric Heat	See Unit Price Sheets
FIHHTRN318A	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIHHTRNW18A	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIHHTRP336A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIHHTRP436A	Factory Installed 36 KW Electric Heat	See Unit Price Sheets
FIHHTRP454A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets
FIHHTRQW54A	Factory Installed 54 KW Electric Heat	See Unit Price Sheets
FIHHTRP418A	Factory Installed 18 KW Electric Heat	See Unit Price Sheets
FIHHTRQW36A	Factory Installed 18 KW Electric Heat	See Unit Price Sheets



# Downflow/Horizontal Packaged Cooling, Packaged Gas/Electric/Packaged Heat Pump Factory Installed Options (FIOPS)

**Table FIOPS-7-A — Accessories**

Model Number	Description	Used With
<b>Enthalpy Kits</b>		
FIYENTH007A	Reference Enthalpy	Downflow Units w/A,C or G in 10th Digit
FIYENTH008A	Comparative Enthalpy	Downflow Units w/A,C or G in 10th Digit
<b>Filter &amp; Control Access</b>		
(Downflow units only)		
FIYHNGE004A	Hinged Filter/Evap. and Comp./Control Access Door	TC/YCD150,180,210, WCD150-180
FIYHNGE005A	Hinged Filter/Evap. and Comp./Control Access Door	TC/YCD300
FIYHNGE008A	Hinged Filter/Evap. and Comp./Control Access Door	TC/YCD151
FIYHNGE009A	Hinged Filter/Evap. and Comp./Control Access Door	TC/YCD181,211,240,241,301, WCD240
<b>Frostat</b>		
FIYLOAM023A	Frostat	TC/YCD151,181,241 with H,J,K,L in 10th digit w/FIYABRD002B
<b>High Efficiency Motors</b>		
Can be used on downflow or horizontal units unless specified on matrix sheets.		
FIYHEMT001A	2 HP High Effic. Motor (86.5 Eff.)(208-230/460/60/3)	Consult Matrix Sheets
FIYHEMT002A	2 HP High Effic. Motor (86.5 Eff.)(575/60/3)	Consult Matrix Sheets
FIYHEMT003A	3 HP High Effic. Motor (89.5 Eff.)(208-230/60/3)	Consult Matrix Sheets
FIYHEMT004A	3 HP High Effic. Motor (89.5 Eff.)(460/60/3)	Consult Matrix Sheets
FIYHEMT005A	3 HP High Effic. Motor (89.5 Eff.)(575/60/3)	Consult Matrix Sheets
FIYHEMT006A	5 HP High Effic. Motor (91.0 Eff.)(208-230/60/3)	Consult Matrix Sheets
FIYHEMT007A	5 HP High Effic. Motor (91.0 Eff.)(460/60/3)	Consult Matrix Sheets
FIYHEMT008A	5 HP High Effic. Motor (91.0 Eff.)(575/60/3)	Consult Matrix Sheets
FIYHEMT009A	7½ HP High Effic. Motor (90.2 Eff.)(208-230/60/3)	Consult Matrix Sheets
FIYHEMT010A	7½ HP High Effic. Motor (90.2 Eff.)(460/60/3)	Consult Matrix Sheets
FIYHEMT011A	7½ HP High Effic. Motor (90.2 Eff.)(575/60/3)	Consult Matrix Sheets
<b>LCI</b>		
FIYLTCI003B	Comm-5 LonTalk Interface	TC/YC*150-301, WC*150-240
<b>Novar Controls-2024</b>		
The Novar control option includes the following factory installed and wired devices: Novar ETM-2024 rooftop controller, fan proving switch, clogged filter or unit shutdown switch, Cool 1, Cool 2, Heat switch and discharge air sensor (downflow only) (Novar # DTS-30, 20-170°F). NOTE: Option cannot be ordered in conjunction with FIOPS Smoke Detector option.		
FIYCNTL013A	Novar Control, 208-230V	T/YCD150-301*3
FIYCNTL015A	Novar Control, 460 & 575V	T/YCD150-301*4,W
<b>Novar Controls-3051</b>		
The Novar control option includes the following factory installed and wired devices: Novar 3051 rooftop controller, fan proving switch, clogged filter or unit shutdown switch, and discharge air sensor (Novar # DTS-30, 20-170°F) (downflow only). NOTE: This option can be ordered in conjunction with factory installed Smoke Detector option. It can also be ordered with 100% DB economizer but not with enthalpy controls.		
FIYCNTL016A	Novar Control, 460V, 575V	TC/YCD181,211,240,241,300,301*4,W
FIYCNTL017A	Novar Control, 208-230V	TC/YCD150,151,180,210*3
FIYCNTL018A	Novar Control, 460V, 575V	TC/YCD150,151,180,210*4,W
FIYCNTL019A	Novar Control, 208-230V	TC/YCD181,211,240,241,300,301*3
<b>Novar Return Air Sensor</b>		
This option consists of the Novar return air sensor (Novar # WTS-10) that is wired and shipped in the return air section of the unit. The sensor ships with approximately 15' of extra wire for dropping down the return air duct (downflow only).		
FIYNRAS001A	Return Air Sensor	FIYCNTL013A and FIYCNTL015A
<b>Novar Zone Sensor</b>		
This option consists of a Novar Zone Sensor (Novar #WTS-SOS) used with Novar 3051 Controls.		
FIYNZSR001A	Novar Zone Sensor for Novar 3051	FIYCNTL016A
<b>ReliaTel™ Options Module</b>		
FIYABRD002B is required when ordering the following accessories: Clogged Filter Switch (FIYDFPS005A/BAYDFPS005A), Fan Fail Switch (FIYDFPS006A/BAYDFPS006A), Discharge Air Sensing Kit (FIYTUBE008A,FIYTUBE009A, BAYTUBE008A, BAYTUBE009A), Frostat (FIYLOAM023A, BAYLOAM023A), Ventilation Override (must order BAYVNOR002B), Smoke Detector (FIYSMDT).		
FIYABRD002B	ReliaTel™ Options Module	All Packaged Rooftop Units 12½-25 Tons



# Downflow/Horizontal Packaged Cooling, Packaged Gas/Electric/Packaged Heat Pump Factory Installed Options (FIOPS)

Table FIOPS-8-A — Accessories

Model Number	Description	Used With
<b>Smoke Detector (Return Air) for downflow units with economizer<sup>①②③</sup></b>		
Option cannot be ordered in conjunction with field installed economizer.		
FIYSMDT221A	Return Air Smoke Detector	TC/YCD150,151,180,210, WCD150,180
FIYSMDT223A	Return Air Smoke Detector	TC/YCD181,211,240,241,300,301, WCD240
<b>Smoke Detector (Return Air) for downflow units without economizer<sup>①②③</sup></b>		
FIYSMDT222A	Return Air Smoke Detector	TC/YCD150,151,180,210, WCD150,180
FIYSMDT224A	Return Air Smoke Detector	TC/YCD181,211,240,241,300,301, WCD240
<b>Smoke Detector (Supply Air) for downflow units<sup>②③</sup></b>		
FIYSMDT225A	Supply Air Smoke Detector	TC/YCD150,151,180,210, WCD150B-180
FIYSMDT228A	Supply Air Smoke Detector	TC/YCD181,211,240,241,300,301, WCD240
<b>Smoke Detectors (Supply and Return Air) for downflow units with economizer<sup>①②③</sup></b>		
Option cannot be ordered in conjunction with field installed economizer.		
FIYSMDT226A	Supply and Return Air Smoke Detector	TC/YCD150,151,180,210, WCD150,180
FIYSMDT229A	Supply and Return Air Smoke Detector	TC/YCD181,211,240,241,300,301, WCD240
<b>Smoke Detectors (Supply and Return Air) for downflow units without economizer<sup>①②③</sup></b>		
FIYSMDT227A	Supply and Return Air Smoke Detector	TC/YCD150,151,180,210, WCD150,180B
FIYSMDT230A	Supply and Return Air Smoke Detector	TC/YCD181,211,240,241,300,301, WCD240B
① The return air smoke detector may not fit up or work properly on the Packaged Rooftop Units 12½-25 Tons when used in conjunction with 3rd party accessories (such as bolt on heat wheels, economizers, and power exhaust). Do not order the return air smoke detectors when using this type of accessory.		
② Smoke Detectors available for downflow units only.		
③ Functional only with ReliaTel™ Options Module (FIYABR002B).		
<b>Stainless Steel Heat Exchanger</b>		
FIYSSHX001A	150 MBH Stainless Steel Heat Exchanger	YC*150,151 Low Heat
FIYSSHX002A	250 MBH Stainless Steel Heat Exchanger	YC*150,151 High Heat YC*155,175,180,181,200,210,211,240,241,250,300 and 301 Low Heat
FIYSSHX003A	350 MBH Stainless Steel Heat Exchanger	YC*155,175,180,181,210,211 High Heat
FIYSSHX004A	400 MBH Stainless Steel Heat Exchanger	YC*200,240,241,250,300,301 High Heat
<b>Switches<sup>①</sup></b>		
FIYDFPS005A	Clogged Filter Switch	All Packaged Rooftop Units 12½-25 Tons
FIYDFPS006A	Fan Failure Switch	All Packaged Rooftop Units 12½-25 Tons
① Functional only with ReliaTel™ Options Module (FIYABR002B).		
<b>TCI</b>		
FIYICSI004B	Comm 3/4 Communication Interface - when combination of oversize motor and TCI is required.	All Units w/B or C in 10th Digit and TXV Units w/H, J, K or L in 10th Digit



# Downflow/Horizontal Packaged Cooling, Packaged Gas/Electric/Packaged Heat Pump Factory Installed Options (FIOPS)

Table FIOPS-9-A — Accessories

Model Number	Description	Used With
<b>Through the Base Electrical</b>		
Must be used with Unit Mounted Disconnect Switch or Unit Mounted Circuit Breaker (downflow only). When adding heat, must order American Standard Electric Heat. If no factory installed Unit Mounted disconnect Switch or Unit Mounted Circuit Breaker is required, order the Through the Base Utility Access Option (FIYTBUA****)		
FIYTBUE206A	Through-the-Base Electrical Option	Consult Matrix Sheets
FIYTBUE207A	Through-the-Base Electrical Option	Consult Matrix Sheets
FIYTBUE208A	Through-the-Base Electrical Option	Consult Matrix Sheets
FIYTBUE209A	Through-the-Base Electrical Option	Consult Matrix Sheets
FIYTBUE210A	Through-the-Base Electrical Option	Consult Matrix Sheets
FIYTBUE211A	Through-the-Base Electrical Option	Consult Matrix Sheets
FIYTBUE212A	Through-the-Base Electrical Option	Consult Matrix Sheets
FIYTBUE213A	Through-the-Base Electrical Option	Consult Matrix Sheets
FIYTBUE214A	Through-the-Base Electrical Option	Consult Matrix Sheets
FIYTBUE215A	Through-the-Base Electrical Option	Consult Matrix Sheets
FIYTBUE216A	Through-the-Base Electrical Option	Consult Matrix Sheets
<b>Through The Base Gas Piping</b>		
FIYTBUG202A <sup>①</sup>	Through-the-Base Gas Piping	YCD150,151 Low & High Heat YCD180-301 Low Heat
FIYTBUG203A <sup>①</sup>	Through-the-Base Gas Piping	YCD180-301 High Heat
FIYTBUG205A <sup>②</sup>	Through-the-Base Gas Piping	YCD150,151 Low & High Heat YCD180-301 Low Heat
FIYTBUG206A <sup>②</sup>	Through-the-Base Gas Piping	YCD180-301 High Heat
<sup>①</sup> Must order when ordering through-the-base electrical or through-the-base access option (downflow only). <sup>②</sup> Order when <b>not</b> ordering through-the-base electrical or through-the-base access option (downflow only).		
<b>Through the Base Utilities Access</b>		
Order this accessory when no factory installed Unit Mounted Disconnect Switch or Unit Mounted Circuit Breaker is required. If factory installed Unit Mounted Disconnect or Unit Mounted Circuit Breaker is required, order the Through the Base Electrical Option (FIYTBUE****) from the FIOP Matrix page.		
FIYTBUA204A	Through the Base Utilities Access	YCD150,151,180,210
FIYTBUA205A	Through the Base Utilities Access	TCD150,151,180,210, WCD150,180
FIYTBUA206A	Through the Base Utilities Access	YCD181,211,240,241,300,301
FIYTBUA207A	Through the Base Utilities Access	TCD181,211,240,241,300,301, WCD240,300
<b>Tool-less Condenser Hail Guard</b>		
FIYGARD001B	Tool-less Condenser Hail Guard	TC/YC*150, WC*150
FIYGARD002B	Tool-less Condenser Hail Guard	TC/YC*151,180,210, WC*180
FIYGARD003A	Tool-less Condenser Hail Guard	TC/YC*181,211,240,241,301,WC*240
FIYGARD005A	Tool-less Condenser Hail Guard	TC/YC*300
<b>2" Pleated Filters</b>		
FIYPLTD001A	2" Pleated Filters	TC/YC*150,151,180,210, WC*150,180
FIYPLTD002A	2" Pleated Filters	TC/YCD181,211,240,241,300,301, WCD240
FIYPLTD003A	2" Pleated Filters	TC/YCH181,211,240,241,300,301, WCH240



# Downflow Packaged Cooling, & Gas Electric Factory Installed Options (FIOPS) Matrix Page

## American Standard

HEATING & AIR CONDITIONING

Model Number (1)(4)	High Efficiency Motors FIYHEMT_A (5)	Through-the-Base Electrical FIYTBUE_A (3) (Downflow Only)						Unit Mounted Disconnect FIYUDC_A (2) (Downflow Only)						Unit Mounted Circuit Breaker FIYUCB_A (2) (Downflow Only)					
		CO* (=0) GE* (= L or H Heat)	CO*/GE*	18KW	27KW	36KW	54KW	72KW	18KW	27KW	36KW	54KW	72KW	18KW	27KW	36KW	54KW	72KW	
TYFD150D3*0B	Cooling & Gas Electric 003	207/206	208	N/A	209	210	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4080	4080	4080	
TYFD150D3*0B	004	207/206	208	N/A	209	210	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4080	4080	4080	
TYFD150D4*0B	006	207/206	208	N/A	209	210	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4040	4040	4090	
TYFD150D4*0B	007	207/206	208	N/A	209	210	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4040	4070	4100	
TYFD150D4*0B	005	207/206	208	N/A	209	210	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4030	4050	4070	
TYFD150D4*0B	008	207/206	208	N/A	209	210	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4035	4060	4080	
TYFD151C3*0B	003	207/206	208	N/A	209	210	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4080	4080	4080	
TYFD151C3*0B	006	207/206	208	N/A	209	210	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4090	4150	3200	
TYFD151C4*0B	004	207/206	208	N/A	209	210	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4040	4070	4090	
TYFD151C4*0B	007	207/206	208	N/A	209	210	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4040	4070	4100	
TYFD151C4*0B	005	207/206	208	N/A	209	210	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4030	4050	4070	
TYFD151C4*0B	008	207/206	208	N/A	209	210	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4035	4060	4080	
TYFD151CW*0B	005	207/206	208	N/A	209	210	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4030	4050	4070	
TYFD151CW*0B	008	207/206	208	N/A	209	210	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4035	4060	4080	
TYFD151C3*0B	003	207/206	208	N/A	209	210	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4070	4070	3200	
TYFD151C3*0B	006	207/206	208	N/A	209	210	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4080	4150	3200	
TYFD151C4*0B	004	207/206	208	N/A	209	210	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4030	4070	4090	
TYFD151C4*0B	007	207/206	208	N/A	209	210	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4040	4070	4100	
TYFD151C4*0B	005	207/206	208	N/A	209	210	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4030	4050	4070	
TYFD151C4*0B	008	207/206	208	N/A	209	210	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4035	4060	4080	
TYFD180B3*0H	003	207/206	208	N/A	209	210	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4090	4100	3200	
TYFD180B3*0H	006	207/206	208	N/A	209	210	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4100	4150	3200	
TYFD180B4*0H	004	207/206	208	N/A	209	210	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4050	4070	4090	
TYFD180B4*0H	007	207/206	208	N/A	209	210	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4050	4070	4100	
TYFD180B4*0H	005	207/206	208	N/A	209	210	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4050	4070	4090	
TYFD180B4*0H	008	207/206	208	N/A	209	210	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4050	4070	4100	
TYFD180B4*0H	005	207/206	208	N/A	209	210	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4040	4050	4070	
TYFD180B4*0H	008	207/206	208	N/A	209	210	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4040	4060	4080	
TYFD181C3*0C	003	213/212	214	N/A	215	216	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4090	4100	3200	
TYFD181C3*0C	006	213/212	214	N/A	215	216	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4100	4150	3200	
TYFD181C4*0C	004	213/211	214	N/A	214	214	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4050	4070	4090	
TYFD181C4*0C	007	213/211	214	N/A	214	214	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4050	4070	4100	
TYFD181C4*0C	005	213/211	214	N/A	214	214	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4040	4050	4070	
TYFD181C4*0C	008	213/211	214	N/A	214	214	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4040	4060	4080	
TYFD181C3*0C	003	213/212	214	N/A	215	216	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4090	4100	3200	
TYFD181C3*0C	006	213/212	214	N/A	215	216	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4090	4150	3200	
TYFD181C4*0C	004	213/211	214	N/A	214	214	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4050	4070	4090	
TYFD181C4*0C	007	213/211	214	N/A	214	214	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4050	4070	4100	
TYFD181C4*0C	005	213/211	214	N/A	214	214	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4040	4050	4070	
TYFD181C4*0C	008	213/211	214	N/A	214	214	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4040	4060	4080	
TYFD181C3*0C	003	213/212	214	N/A	215	216	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4090	4100	3200	
TYFD181C3*0C	006	213/212	214	N/A	215	216	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4090	4150	3200	
TYFD181C4*0C	004	213/211	214	N/A	214	214	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4050	4070	4090	
TYFD181C4*0C	007	213/211	214	N/A	214	214	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4050	4070	4100	
TYFD181C4*0C	005	213/211	214	N/A	214	214	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4040	4050	4070	
TYFD181C4*0C	008	213/211	214	N/A	214	214	N/A	N/A	6100	6100	6100	6100	6100	N/A	N/A	4040	4060	4080	

### FACTORY INSTALLED OPTIONS (FIOPS)

- Unit model # changes to "F" in 2nd digit, indicating desire for factory installed options (unit nameplate will still reflect standard model #, i.e. T.Y.C.D.).
- Unit mounted disconnect and circuit breakers are mutually exclusive of each other.
- Through-the-base electrical option must be ordered with either unit mounted disconnect or circuit breaker. When adding heat, must order American Standard Electric Heat.
- When ordering economizer ("A" in 10th digit), TCI ("F" in 10th digit), or economizer and TCI ("G" in 10th digit) use line with model number with "0" in 10th digit for FIOP selections; when ordering oversized motor ("B" in 10th digit) or oversized motor & economizer ("C" in 10th digit) use line with model number with "B" in 10th digit for FIOP selections; when ordering thermal expansion valve ("H" in 10th digit) with economizer ("L" in 10th digit) use line with model number with "H" in the 10th digit for FIOP selections; when ordering thermal expansion valve with oversized motor ("J" in 10th digit) or oversized motor & economizer ("K" in 10th digit) use line with model number with "J" in 10th digit for FIOP selections.
- High efficiency motors can be factory installed on downflow and horizontal units unless noted. When ordering horizontal units with high efficiency motors, unit model # changes to "H" in 3rd digit.

CO\* = Cooling Only GE\* = Gas Electric

**ALL FACTORY INSTALLED OPTIONS ARE BUILT-TO-ORDER. CHECK ORDER SERVICES FOR ESTIMATED PRODUCTION CYCLE.**

# Downflow Packaged Cooling, & Gas Electric Factory Installed Options (FIOPS) Matrix Page (Contd.)

## American Standard

HEATING & AIR CONDITIONING

Model Number (1)(4) CO* (*=0) GE* (*=L or H Heat)	High Efficiency Motors FIYHEMT A (5)		Through-the-Base Electrical FIYTBEUE A (3) (Downflow Only)					Unit Mounted Disconnect FIYUCB A (2) (Downflow Only)					Unit Mounted Circuit Breaker FIYUCB A (2) (Downflow Only)						
	COoling & Gas Electric	Gas Electric	18KW	27KW	36KW	54KW	72KW	CO* & GE*	18KW	27KW	36KW	54KW	72KW	CO*/GE*	18KW	27KW	36KW	54KW	72KW
TYFD210C3*0E		006	207/206	N/A	N/A	209	210	N/A	N/A	6100	N/A	4150	3250	4100/4100	N/A	N/A	4150	3200	N/A
TYFD210C3*BE		007	207/206	N/A	N/A	209	210	N/A	N/A	4150	N/A	4150	3250	6125/4125	N/A	N/A	4150	3200	N/A
TYFD210C4*0E		009	207/206	N/A	N/A	208	208	N/A	N/A	6100	N/A	6100	6100	4050/4050	N/A	N/A	4070	4100	N/A
TYFD210C4*BE		010	207/206	N/A	N/A	208	208	N/A	N/A	6100	N/A	6100	6100	4060/4060	N/A	N/A	4070	4100	N/A
TYFD210CW*0E		008	207/206	N/A	N/A	208	208	N/A	N/A	6100	N/A	6100	6100	4045/4045	N/A	N/A	4060	4080	N/A
TYFD210CW*BE		011	207/206	N/A	N/A	208	208	N/A	N/A	6100	N/A	6100	6100	4045/4045	N/A	N/A	4060	4080	N/A
TYFD211C3*0C		006	213/212	N/A	N/A	215	216	216	216	4150	N/A	4150	3250	6110/4110	N/A	N/A	4150	3200	3250
TYFD211C3*BC		009	213/212	N/A	N/A	215	216	216	216	4150	N/A	4150	3250	6125/4125	N/A	N/A	4150	3200	3250
TYFD211C4*0C		007	213/211	N/A	N/A	214	214	215	215	6100	N/A	6100	6100	4060/4060	N/A	N/A	4070	4100	6125
TYFD211C4*BC		010	213/211	N/A	N/A	214	214	215	215	6100	N/A	6100	6100	4060/4060	N/A	N/A	4070	4100	6125
TYFD211CW*0C		008	213/211	N/A	N/A	214	214	214	214	6100	N/A	6100	6100	4045/4045	N/A	N/A	4060	4100	
TYFD211CW*BC		011	213/211	N/A	N/A	214	214	215	215	6100	N/A	6100	6100	4050/4050	N/A	N/A	4060	4080	4100
TYFD240B3*0J		006	213/212	N/A	N/A	215	216	216	216	4150	N/A	4150	3250	6125/4125	N/A	N/A	4150	3200	3250
TYFD240B3*BJ		009	213/212	N/A	N/A	215	216	216	216	4150	N/A	4150	3250	6125/4125	N/A	N/A	4150	3200	3250
TYFD240B4*0J		007	213/211	N/A	N/A	214	214	215	215	6100	N/A	6100	6100	4060/4060	N/A	N/A	4070	4100	6125
TYFD240B4*BJ		010	213/211	N/A	N/A	214	214	215	215	6100	N/A	6100	6100	4060/4060	N/A	N/A	4070	4100	6125
TYFD240BWB*0J		008	213/211	N/A	N/A	214	214	214	214	6100	N/A	6100	6100	4045/4045	N/A	N/A	4060	4080	4100
TYFD240BWB*BJ		011	213/211	N/A	N/A	214	214	215	215	6100	N/A	6100	6100	4050/4050	N/A	N/A	4060	4080	4100
TYFD241C3*0C		006	213/212	N/A	N/A	215	216	216	216	4150	N/A	4150	3250	6125/4125	N/A	N/A	4150	3200	3250
TYFD241C3*BC		009	213/212	N/A	N/A	215	216	216	216	4150	N/A	4150	3250	6125/4125	N/A	N/A	4150	3200	3250
TYFD241C4*0C		007	213/211	N/A	N/A	214	214	215	215	6100	N/A	6100	6100	4060/4060	N/A	N/A	4070	4100	6125
TYFD241C4*BC		010	213/211	N/A	N/A	214	214	215	215	6100	N/A	6100	6100	4060/4060	N/A	N/A	4070	4100	6125
TYFD241CW*0C		008	213/211	N/A	N/A	214	214	214	214	6100	N/A	6100	6100	4050/4050	N/A	N/A	4060	4080	4100
TYFD241CW*BC		011	213/211	N/A	N/A	214	214	215	215	6100	N/A	6100	6100	4050/4050	N/A	N/A	4060	4080	4100
TYFD241C3*HC		006	213/212	N/A	N/A	215	216	216	216	4150	N/A	4150	3250	6125/4125	N/A	N/A	4150	3200	3250
TYFD241C3*JC		009	213/212	N/A	N/A	215	216	216	216	4150	N/A	4150	3250	6125/4125	N/A	N/A	4150	3200	3250
TYFD241C4*HC		007	213/211	N/A	N/A	214	214	215	215	6100	N/A	6100	6100	4060/4060	N/A	N/A	4070	4100	6125
TYFD241C4*JC		010	213/211	N/A	N/A	214	214	215	215	6100	N/A	6100	6100	4070/4070	N/A	N/A	4070	4100	6125
TYFD241CW*HC		008	213/211	N/A	N/A	214	214	214	214	6100	N/A	6100	6100	4050/4050	N/A	N/A	4060	4080	4100
TYFD241CW*JC		011	213/211	N/A	N/A	214	214	215	215	6100	N/A	6100	6100	4050/4050	N/A	N/A	4060	4080	4100

**ALL FACTORY INSTALLED  
OPTIONS ARE BUILT-TO-ORDER.  
CHECK ORDER SERVICES FOR  
ESTIMATED PRODUCTION CYCLE.**

**FACTORY INSTALLED OPTIONS (FIOPS)**

- Unit model # changes to "F" in 2nd digit, indicating desire for factory installed options (unit nameplate will still reflect standard model #, i.e. TYCD).
- Unit mounted disconnect and circuit breakers are mutually exclusive of each other.
- Through-the-base electrical option must be ordered with either unit mounted disconnect or circuit breaker. When adding heat, must order American Standard Electric Heat.
- When ordering economizer ("A" in 10th digit), TCI ("F" in 10th digit), or economizer and TCI ("G" in 10th digit) use line with model number with "0" in 10th digit for FIOF selections; when ordering oversized motor ("B" in 10th digit) or oversized motor & economizer ("C" in 10th digit) use line with model number with "B" in 10th digit for FIOF selections. When ordering thermal expansion valve ("H" in 10th digit) with economizer ("L" in 10th digit) use line with model number with "H" in the 10th digit for FIOF selections; when ordering thermal expansion valve with oversized motor ("J" in 10th digit) or oversized motor & economizer ("K" in 10th digit) use line with model number with "J" in 10th digit for FIOF selections.
- High efficiency motors can be factory installed on downflow and horizontal units unless noted. When ordering horizontal units with high efficiency motors, unit model # changes to "H" in 3rd digit.  
CO\* = Cooling Only GE\* = Gas Electric

Model Number (1)(4) CO* ( = 0) GE* = (L or H Heat)	High Efficiency Motors FIYHEMT__A (5) Cooling & Gas Electric	Through-the-Base Electrical FIYTBUE__A (3) (Downflow Only)					Unit Mounted Disconnect FIYUDC__A (2) (Downflow Only)					Unit Mounted Circuit Breaker FIYUCB__A (2) (Downflow Only)							
		CO*/GE*	18KW	27KW	36KW	54KW	72KW	CO* & GE*	18KW	27KW	36KW	54KW	72KW	CO* & GE*	18KW	27KW	36KW	54KW	72KW
T/YFD300B3*0H	009	213/212	N/A	N/A	215	216	216	4150	N/A	N/A	4150	3250	4150	4150	N/A	N/A	4150	3200	3250
T/YFD300B4*0H	010	213/211	N/A	N/A	214	214	6100	6100	N/A	N/A	6100	6100	4150	4070	N/A	4070	4100	6125	
T/YFD300BW*0H	011	213/211	N/A	N/A	214	214	6100	6100	N/A	N/A	6100	6100	4150	4050	N/A	4060	4080	4100	
T/YFD301C3*0C	009	213/212	N/A	N/A	215	216	4150	4150	N/A	N/A	4150	3250	4150	4150	N/A	4150	3200	3250	
T/YFD301C4*0C	010	213/211	N/A	214	214	215	6100	6100	N/A	N/A	6100	6100	4150	4070	N/A	4070	4100	6125	
T/YFD301CW*0C	011	213/211	N/A	N/A	214	214	6100	6100	N/A	N/A	6100	6100	4150	4060	N/A	4060	4080	4100	

**FACTORY INSTALLED OPTIONS (FIOPS)**

- Unit model # changes to "F" in 2nd digit, indicating desire for factory installed options (unit nameplate will still reflect standard model #, i.e. T.Y.CD).
- Unit mounted disconnect and circuit breakers are mutually exclusive of each other.
- Through-the-base electrical option must be ordered with either unit mounted disconnect or circuit breaker. When adding heat, must order American Standard Electric Heat.
- When ordering economizer ("A" in 10th digit), TCI ("F" in 10th digit), or economizer and TCI ("G" in 10th digit) use line with model number with "0" in 10th digit for FIOP selections; when ordering oversized motor ("B" in 10th digit) or oversized motor & economizer ("C" in 10th digit) use line with model number with "B" in 10th digit for FIOP selections. When ordering thermal expansion valve ("H" in 10th digit) with economizer ("L" in 10th digit) use line with model number with "H" in the 10th model number with "J" in 10th digit for FIOP selections.
- High efficiency motors can be factory installed on downflow and horizontal units unless noted. When ordering horizontal units with high efficiency motors, unit model # changes to "H" in 3rd digit.

CO\* = Cooling Only  
GE\* = Gas Electric

**ALL FACTORY INSTALLED OPTIONS ARE BUILT-TO-ORDER.  
CHECK ORDER SERVICES FOR ESTIMATED PRODUCTION CYCLE.**

# American Standard

HEATING & AIR CONDITIONING

## Downflow Packaged Heat Pump Factory Installed Options (FIOPS) Matrix Page

Model Number (1)	High Efficiency Motors FIYHEMT__A (5)	Through-the-Base Electrical FIYTBUE__A (3) (Downflow Only)			Unit Mounted Disconnect FIYUDC__A (2) (Downflow Only)			Unit Mounted Circuit Breaker FIYUCB__A (2) (Downflow Only)								
		without aux. heat CO*	18KW	36KW	54KW	72KW	without aux. heat CO*	18KW	36KW	54KW	72KW	without aux. heat CO*	18KW	36KW	54KW	72KW
WFD150B300G	003	207	209	210	210	210	210	210	210	210	210	210	210	210	210	210
WFD150B30BG	006	207	209	210	210	210	210	210	210	210	210	210	210	210	210	210
WFD150B400G	004	207	208	208	209	209	209	209	209	209	209	209	209	209	209	209
WFD150B40BG	007	207	208	208	209	209	209	209	209	209	209	209	209	209	209	209
WFD150BW00G	005	207	208	208	208	208	208	208	208	208	208	208	208	208	208	208
WFD150BW0BG	008	207	208	208	208	208	208	208	208	208	208	208	208	208	208	208

### FACTORY INSTALLED OPTIONS (FIOPS)

- (1) Unit model # changes to "F" in 2nd digit, indicating desire for factory installed options (unit nameplate will still reflect standard model #, i.e. WCD).
- (2) Unit mounted disconnect and circuit breakers are mutually exclusive of each other.
- (3) Through-the-base electrical option must be ordered with either unit mounted disconnect or circuit breaker. When adding heat, must order American Standard Electric Heat.
- (4) When ordering economizer ("A" in 10th digit), TCI ("F" in 10th digit), or economizer and TCI ("G" in 10th digit) use line with model number with "0" in 10th digit for FIOP selections; when ordering oversized motor ("B" in 10th digit) or oversized motor & economizer ("C" in 10th digit) uses line with model number with "B" in 10th digit for FIOP selections.
- (5) High efficiency motors can be factory installed on downflow and horizontal units unless noted. When ordering horizontal units with high efficiency motors, unit model # changes to "H" in 3rd digit.

\* Cooling Only

# American Standard

HEATING & AIR CONDITIONING

## Downflow Packaged Heat Pump Factory Installed Options (FIOPS) Matrix Page (Contd.)

Model Number (1)	High Efficiency Motors FIYHEMT__A (5)		Through-the-Base Electrical FIYTBUE__A (3) (Downflow Only)				Unit Mounted Disconnect FIYJDC__A (2) (Downflow Only)				Unit Mounted Circuit Breaker FIYUCB__A (2) (Downflow Only)							
	without aux. heat CO*		18KW	36KW	54KW	72KW	without aux. heat CO*		18KW	36KW	54KW	72KW	without aux. heat CO*		18KW	36KW	54KW	72KW
WFD180B300G	003	207	209	210	210	N/A	6100	4150	36KW	3250	3250	54KW	4090	4150	18KW	36KW	54KW	72KW
WFD180B30BG	006	207	209	210	NA	N/A	6100	4150	3250	3250	N/A	4100	4150	4150	3200	3200	3250	N/A
WFD180B400G	004	207	208	208	209	N/A	6100	6100	6100	6100	N/A	4045	4070	4100	4100	4100	6125	N/A
WFD180B40BG	007	207	208	209	209	N/A	6100	6100	6100	6100	N/A	4050	4070	4100	4100	6125	N/A	N/A
WFD180BW00G	005	207	208	208	209	N/A	6100	6100	6100	6100	N/A	4035	4060	4080	4100	4100	4100	N/A
WFD180BW0BG	008	207	208	208	209	N/A	6100	6100	6100	6100	N/A	4040	4060	4080	4080	4100	4100	N/A
WFD240B300G	006	213	N/A	216	216	N/A	4150	N/A	N/A	N/A	N/A	6125	N/A	N/A	3225	NA	NA	N/A
WFD240B30BG	009	213	N/A	216	NA	N/A	4150	N/A	N/A	N/A	N/A	6125	N/A	N/A	3225	NA	NA	N/A
WFD240B400G	007	213	N/A	215	215	N/A	6100	N/A	4150	4150	N/A	4060	N/A	N/A	6110	4150	4150	N/A
WFD240B40BG	010	213	N/A	215	215	N/A	6100	N/A	4150	4150	N/A	4060	N/A	N/A	6110	4150	4150	N/A
WFD240BW00G	008	213	N/A	214	215	215	6100	N/A	6100	6100	4150	4045	N/A	N/A	4090	6110	6125	6125
WFD240BW0BG	011	213	N/A	214	215	215	6100	N/A	6100	6100	4150	4050	N/A	N/A	4090	6110	4150	4150

### FACTORY INSTALLED OPTIONS (FIOPS)

- Unit model # changes to "F" in 2nd digit, indicating desire for factory installed options (unit nameplate will still reflect standard model #, i.e. WCD).
- Unit mounted disconnect and circuit breakers are mutually exclusive of each other.
- Through-the-base electrical option must be ordered with either unit mounted disconnect or circuit breaker. When adding heat, must order American Standard Electric Heat.
- When ordering economizer ("A" in 10th digit), TCI ("F" in 10th digit), or economizer and TCI ("G" in 10th digit) use line with model number with "0" in 10th digit for FIOP selections; when ordering oversized motor ("B" in 10th digit) or oversized motor & economizer ("C" in 10th digit) uses line with model number with "B" in 10th digit for FIOP selections.
- High efficiency motors can be factory installed on downflow and horizontal units unless noted. When ordering horizontal units with high efficiency motors, unit model # changes to "H" in 3rd digit.

\* Cooling Only

**ALL FACTORY INSTALLED OPTIONS ARE BUILT-TO-ORDER.  
CHECK ORDER SERVICES FOR ESTIMATED PRODUCTION CYCLE.**

## Comfort Control Definitions

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### **Calibration**

The relationship of the dial setting and the cut-in temperature of the thermostat.

### **Cut-in Point**

The temperature at which the thermostat calls for system operation.

### **Cut-out Point**

The temperature at which the thermostat stops calling for heating or cooling.

### **Cycle Rate**

The number of times per hour that the heating equipment is cycled on at half load conditions.

### **Droop**

An indoor temperature control condition where the room remains below the thermostat setting. This control occurs in mild cooling conditions and is caused by the cooling anticipator resistor which provides a false heat source for the thermostat to maintain relative humidity control.

### **Heat Anticipator**

(Sometimes called a Preheat Resistor.) A bias heater that shuts off the thermostat before the room reaches the thermostat setting.

### **Manual or Mechanical Differential**

The difference (Degrees F) between cut-in and cut-out temperature with no electrical load connected to the thermostat.

### **Operating Differential**

The difference (Degrees F) in cut-in and cut-out temperature when the thermostat is actually operating equipment. Operating differential is less than mechanical differential.

### **Range**

Minimum to maximum temperature scale shown on dial.

### **Sensor**

A device that measures and communicates temperature of the conditioned space in which it is located to a system controller.

### **Set Point**

The temperature at which the thermostat indicator is set.

### **Two Piece Thermostat**

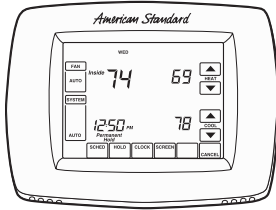
System consisting of a sensor mounted in the controlled space communicating to a controller which establishes the systems operation.

### **Power Stealing 4 Wire**

Resistor Terminal in Box. 4-wire system to supply power with heating mode; steals power from "y" in cooling.

# American Standard

## Programmable 7 Day Comfort Controls



### ACONT800A

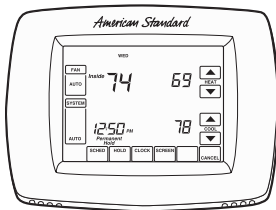
- Interactive Touchscreen
- Effortless Programming
- Large, Backlit Display
- Streamlined Design
- Armchair Programming
- Real Time Clock
- Visual Reminder Cues
- BAYCOVR600A - Wall Cover Plate
- Energy Star

### Application:

- 1 Heat/1 Cool (Gas, Oil or Electric)
- 1 Heat/0 Cool (Gas, Oil or Electric)
- 0 Heat/1 Cool
- ZZSENSAL0800AA-Remote Indoor Temperature Sensor

### Dimensions:

- 6.02" w x 4.62" h
- Finish: Bright White



### ACONT802A

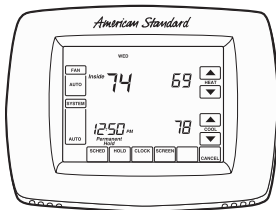
- Interactive Touchscreen
- Effortless Programming
- Large, Backlit Display
- Streamlined Design
- Armchair Programming
- Real Time Clock
- Visual Reminder Cues
- BAYCOVR600A - Wall Cover Plate
- Energy Star

### Application:

- Up to 3 Heat/2 Cool (Gas, Oil or Electric)/HP
- ZZSENSAL0800AA - Remote Indoor Temperature Sensor

### Dimensions:

- 6.02" w x 4.62" h
- Finish: Bright White



### ACONT803A

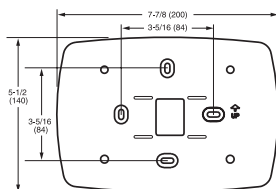
- With De-Humidification Control
- Interactive Touchscreen
- Effortless Programming
- Large, Backlit Display
- Streamlined Design
- Armchair Programming
- Real Time Clock
- Visual Reminder Cues
- BAYCOVR600A - Wall Cover Plate
- Energy Star

### Application:

- Up to 3 Heat/2 Cool (Gas, Oil or Electric)/HP
- ZZSENSAL0800AA - Remote Indoor Temperature Sensor

### Dimensions:

- 6.02" w x 4.62" h
- Finish: Bright White



### BAYCOVR600A

### Application:

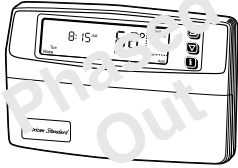
- Use with ACONT800A Series Comfort Controls

- Finish: Bright White



**American  
Standard**

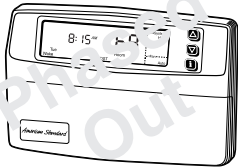
## Programmable 7 Day Comfort Controls



### ASYSTAT300C

- Single Stage Heating/Cooling
- 7 Day, 24 Hour or Constant Temperature Programming
- 4 Temperature Set Points Per Day
- Power Stealing 4-wire
- Manual or Auto Changeover (Field Selectable)
- Outdoor Temperature Display (Optional Accessory – TAYSENS200A)
- Bright Backlight Display
- 4-wire hook up-register is supplied for systems with electric heat

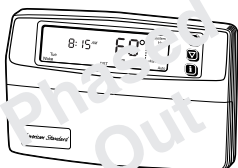
- Filter Clean/Replacement Key (Field Adjustable)
- No Batteries Required; Super Cap Continues Clock for an Average of 30 Minutes
- Programming and Other Functions Stored in Permanent “E-PROM” Memory
- Conventional or Adaptive Intelligent Recovery (Field Selectable)
- Daylight Savings Time Key
- Gas only models do not need resistor
- Programmable Fan – Fan can be Programmed in the “ON” or “AUTO” Mode for Each Period
- Minimum Compressor Run Time (Factory Set to 10 Minutes, Field Adjustable)
- Vacation/Leave Program; Will Hold
- Vacation/Leave Temperature for up to 256 Days
- Field Temperature Re-Calibration Offset (Field Adjustable); Allows Installer to Set Thermostat to Customer’s Wall-Mounted Thermostat Setting
- Fan-On Heat with Terminal (Heat/Cool Models, Field Adjustable); i.e. Fan “G” is Activated with “W” (Electric Heat Installations)
- **“Comfort R”™** Enhanced Cooling for PSC Motors, Field Activated (This is Only a Portion of **Comfort R”™** that is Achieved with Variable Speed Equipment)
- Finish: Bright White



### ASYSTAT302C

- 2 Heat/2 Cool
- 7 Day, 24 Hour or Constant Temperature Programming
- 4 Temperature Set Points Per Day
- Manual or Auto Changeover (Field Selectable)
- Outdoor Temperature Display (Optional Accessory – TAYSENS200A)
- Bright Backlight Display
- Filter Clean/Replacement Key (Field Adjustable)

- No Batteries Required; Super Cap Continues Clock for an Average of 30 Minutes
- Programming and Other Functions Stored in Permanent “E-PROM” Memory
- Must be set for 2 Heat/2 Cool by installer
- Factory shipped 2 Heat/ 1 Cool
- Conventional or Adaptive Intelligent Recovery (Field Selectable)
- Daylight Savings Time Key
- Programmable Fan – Fan can be Programmed in the “ON” or “AUTO” Mode for Each Period
- Minimum Compressor Run Time (Factory Set to 10 Minutes, Field Adjustable)
- Vacation/Leave Program; Will Hold Vacation/Leave Temperature for up to 256 Days
- Field Temperature Re-Calibration Offset (Field Adjustable); Allows Installer to Set Thermostat to Customer’s Wall -Mounted Thermostat Setting
- Fan-On Heat with Terminal (Heat/Cool Models, Field Adjustable); i.e. Fan “G” is Activated with “W” (Electric Heat Installations)
- **“Comfort R”™** Enhanced Cooling for PSC Motors, Field Activated (This is Only a Portion of **Comfort R”™** that is Achieved with Variable Speed Equipment)
- Finish: Bright White

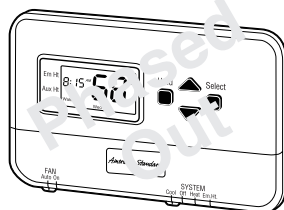
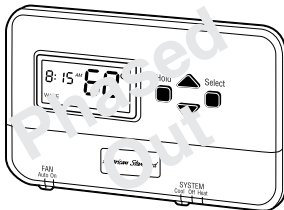
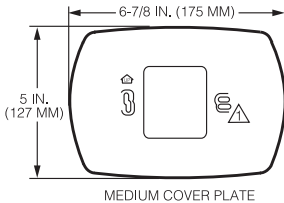
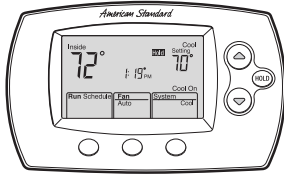
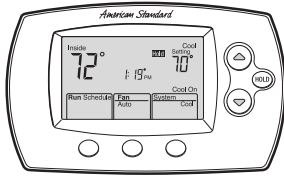


### ASYSTAT500C

- 2 Heat/1 Cool
- 3 Heat/2 Cool – Heat Pumps
- 7 Day, 24 Hour or Constant Temperature Programming
- 4 Temperature Set Points Per Day
- Manual or Auto Changeover (Field Selectable)
- Outdoor Temperature Display (Optional Accessory – TAYSENS200A)

- Bright Backlight Display
- Filter Clean/Replacement Key (Field Adjustable)
- No Batteries Required; Super Cap Continues Clock for an Average of 30 Minutes
- Field Select 1 or 2 Stage
- Programming and Other Functions Stored in Permanent “E-PROM” Memory
- Conventional or Adaptive Intelligent Recovery (Field Selectable)
- Factory shipped 2 Heat/1 Cool
- If needed, Installation setup allows thermostat to be used in 3 Heat/1 Cool
- Daylight Savings Time Key
- Programmable Fan – Fan can be Programmed in the “ON” or “AUTO” Mode for Each Period
- Minimum Compressor Run Time (Factory Set to 10 Minutes, Field Adjustable)
- Vacation/Leave Program; Will Hold Vacation/Leave Temperature for up to 256 Days
- Field Temperature Re-Calibration Offset (Field Adjustable); Allows Installer to Set Thermostat to Customer’s Wall-Mounted Thermostat Setting
- Fan-On Heat with Terminal (Heat/Cool Models, Field Adjustable); i.e. Fan “G” is Activated with “W” (Electric Heat Installations)
- **“Comfort R”™** Enhanced Cooling for PSC Motors, Field Activated (This is Only a Portion of **Comfort R”™** that is Achieved with Variable Speed Equipment)
- Finish: Bright White

# American Standard



## Programmable 7 Day Comfort Controls

### ACONT600A

- 1 Heat/1 Cool
- 5/2 or 5/1/1 Programming
- Simple to Install and Use
- Front Wired (Wires attach to wall plate)
- Standard wiring terminal block
- Easy to follow sequential programming
- Inside and set temperatures displayed simultaneously

- Plain language (no symbols)
- Easy battery access
- Easy to understand soft key controls
- Energy Star
- BAYCOVR700A-Wall cover plate

#### Dimensions:

- 5.81" w x 3.56" h
- Finish: Bright White

### ACONT602A

- 2 Heat/2 Cool
- 5/2 or 5/1/1 Programming
- Simple to Install and Use
- Front Wired (Wires attach to wall plate)
- Standard wiring terminal block
- Easy to follow sequential programming
- Inside and set temperatures displayed simultaneously

- Plain language (no symbols)
- Easy battery access
- Easy to understand soft key controls
- Energy Star
- BAYCOVR700A-Wall cover plate

#### Dimensions:

- 5.81" w x 3.56" h
- Finish: Bright White

### BAYCOVR700A

#### Application:

- Use with ACONT600A Series Comfort Controls

- Finish: Bright White

### ASYSTAT340

- 1 Heat (Gas/Electric)/1 Cool
- Heat/Off/Cool System Switch
- Power Stealing 4 Wire
- 5/2 Programmable
- Auto/On Fan Switch
- Manual Changeover
- Super Cap Continues Clock for an Average of 30 Minutes

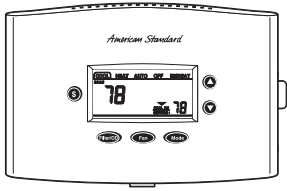
- Programming Stored In Permanent "E-PROM" Memory
- No Batteries
- Fuel Selection Switch (Gas/Electric)
- Adjustable Heating Cycle Rate
- Finish: Bright White

### ASYSTAT540

- 2 Heat/1 Cool
- Heat/Off/Cool/Emergency Heat System Switch
- 5/2 Programmable
- Auto/On Fan Switch
- Manual Changeover

- Super Cap Continues Clock for an Average of 30 Minutes
- Programming Stored In Permanent "E-PROM" Memory
- No Batteries
- Adjustable Heating Cycle Rate
- Finish: Bright White

*American Standard*



## Non Programmable Comfort Controls

### ACONT401A

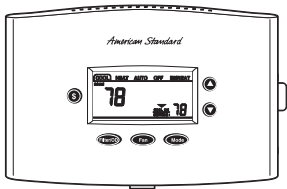
- Auto Changeover
- Backlit Display & Keys
- Comfort Information Compartment
- Energy Savings Mode
- Filter Reminder
- Outdoor Temperature Sensor
- Keypad Lock

- Application** (3-9 Wire Hookup -2 for Outdoor Sensor) Heat Pump\* or A/C
- 1 Stage Heat Pump\*\*, 1 Stage Aux Heat
  - 1 Stage Heat Pump\*\*, 0 Stage Aux Heat
  - 1 Stage Cool, 2 Stage Heat (Gas, Electric or Oil\*)

- 1 Stage Cool, 1 Stage Heat (Gas, Electric or Oil\*)
- 1 Stage Cool, 0 Stage Heat
- 0 Stage Cool, 2 Stage Heat (Gas, Electric or Oil\*)
- 0 Stage Cool, 1 Stage Heat (Gas, Electric or Oil\*)

#### Dimensions:

- 6.75" w x 4.52" h
- Finish: Bright White
- \* Requires external relay for oil furnace applications.
- \*\* **External TAYPLUS103A required for dual fuel applications.** BAYSEN01ATEMPA required for outdoor temperature sensing and display



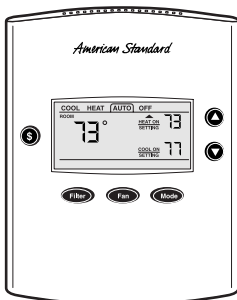
### ACONT402A

- Auto Changeover
- Backlit Display & Keys
- Comfort Information Compartment
- Energy Savings Mode
- Filter Reminder
- BAYSEN01ATEMPAA-Outdoor Temperature Sensor included\*
- Keypad Lock

- Application** (3-9 Wire Hookup -2 for Outdoor Sensor) Heat Pump\* or A/C
- 3 Heat/2 Cool
  - No external Dual Fuel Kit Required
  - ZZSENSAL0400AA - Remote Indoor Temperature Sensor

#### Dimensions:

- 6.75" w x 4.52" h
- Finish: Bright White
- \* Requires external relay for oil furnace applications.
- \* Installation is required for outdoor temperature sensing and display
- \* BAYSEN01ATEMPA required for outdoor temperature sensing and display



### ACONT200A

- Auto Changeover
- Back Lit Display & Keys
- Comfort Information Compartment
- Energy Savings Mode
- Filter Reminder
- Key Pad Lock

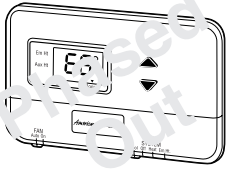
- Application** (4 wire hookup - power stealing)\*
- 1 Heat/1 Cool (Gas, Oil or electric)
  - 1 Heat/0 Cool (Gas, Oil or electric)
  - 0 Heat/1 Cool
  - Finish: Bright White
  - \* Power Stealing 4 Wire Resistor Terminal in Box. 4-wire system to supply power with heating mode; steals power from "y" in cooling

#### Dimensions:

- 4.25" (W) x 5.33" (H)

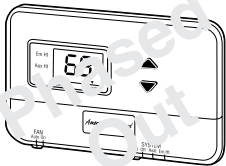
*American  
Standard*

## Non Programmable Comfort Controls



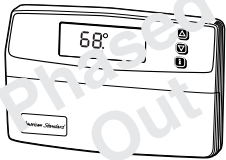
### Non-Programmable ASYSTAT380

- 2 Heat (Gas)/1 Cool
- Heat/Off/Cool System Switch
- Auto/On Fan Switch
- Manual Changeover
- Digital Display
- No Batteries
- Permanent Temperature Setting Retention
- Finish: Bright White



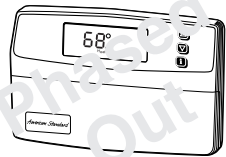
### ASYSTAT570

- 2 Heat /1 Cool – Heat Pump
- Power stealing 5 wire
- Heat/Off/Cool/Emergency Heat System Switch
- Auto/Fan System Switch
- Manual Changeover
- Digital Display
- No Batteries
- Permanent Temperature Setting Retention
- Finish: Bright White



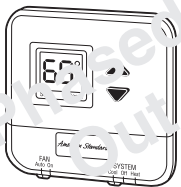
### Heat Pump ASYSTAT575

- 3 Heat /2 Cool (Field Selectable)
- Factory Ships 2 Heat/1 Cool
- Lighted Digital Display
- Emergency Heat/Off/Cool Auto System Keyboard
- Auto/On Fan Switch Keyboard
- No Batteries
- Manual or Auto Changeover
- Permanent Temperature Setting Retention
- Finish: Bright White



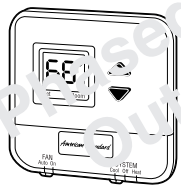
### ASYSTAT375

- 2 Heat (Gas/Electric) /2 Cool (Field Selectable)
- Factory Ships 2 Heat/1 Cool
- Lighted Digital Display
- Permanent Temperature Setting Retention
- Heat/Off/Cool/Auto System Keyboard
- Auto/On Fan Switch Keyboard
- Manual or Auto Changeover
- No Batteries
- Finish: Bright White



### ASYSTAT370

- 1 Heat (Gas)/1 Cool
- Power Stealing 4 Wire
- Heat/Off/Cool System Switch
- Auto/On Fan Switch
- Manual Changeover
- Digital Display
- No Batteries
- Permanent Temperature Setting Retention
- Adjustable Heating Cycle Rate
- Finish: Bright White



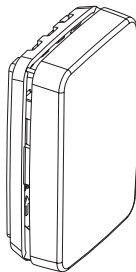
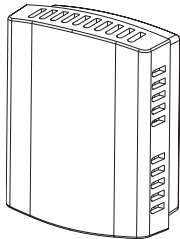
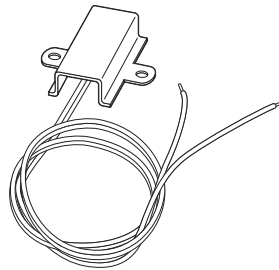
### ASYSTAT371

- 1 Heat (Electric)/1 Cool
- Power Stealing 4 Wire
- Resistor must be installed (shipped with control)
- Heat/Off/Cool System Switch
- Auto/On Fan Switch
- Manual Changeover
- Digital Display
- No Batteries
- Permanent Temperature Setting Retention
- Finish: Bright White

*American  
Standard*



Phased  
Out



## Remote Sensors

### BAYSEN02ATEMPAA

- Outdoor Temperature Sensor for Use with ACONT800, 802, 803
- Accuracy +/- 1°F from -40 to 120°F

### Programmable TAYSENS200A

- Outdoor Temperature Sensor for Use with ASYSTAT300C, 302C, 500C, 375, 575
- Accuracy +/- 1°F from -40 to 120°F

### BAYSEN01ATEMPAA

- Outdoor Temperature Sensor for Use with ACONT401A and 402A
- Accuracy +/- 15°F over 32°F to 100°F
- Display Range -40°F to 140°F

### ZZSENSAL0400AA

- Indoor Sensor for Use with ACONT402 Comfort Controls
- Operating Ambient Temperature Range: 20° to 120°F (-6.7° to 48.9°C)
- Display Range: 20° to 120°F (-6.7° to 48.9°C)
- Sensor Accuracy: +/- .5°F at 75°F
- Operating Relative Humidity: 5% to 90% non-condensing

#### Dimensions in in. (mm):

- 1.54 (39) wide x 1.93 (49) high x .625 (1.6) deep
- Storage Temperature: -40° to 140°F (-40° to 60°C)
- Finish: White

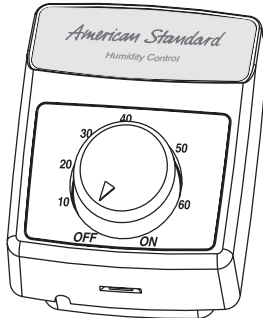
### ZZSENSAL0800AA

- Indoor Temperature Sensor for Use with ACONT800, 802, 803
- Operating Ambient Temperature Range: 45 to 88°F (7.2 to 32°C)
- Display Range: 0 to 99°F (-18 to 37°C)
- Sensor Accuracy: +/- 1.5°F at 70°F (+/- .84 at 21°C)
- Operating Relative Humidity: 5% to 95% non-condensing

#### Dimensions in in. (mm):

- 1.50 (38) wide x 2.28 (58) high x .70 (18) deep
- Finish: White

## Humidity Control



ASYSTAT625A

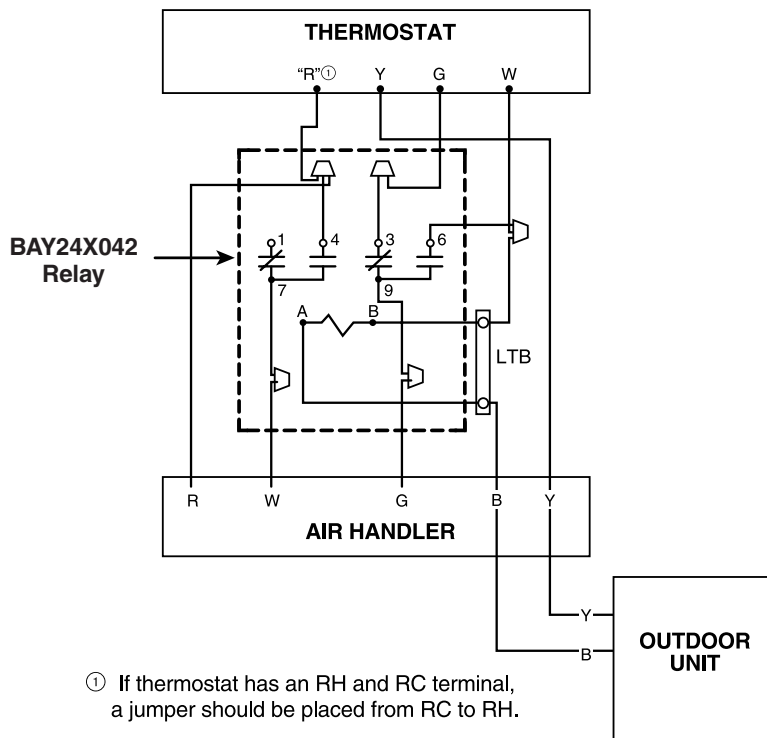
- Heating Cycle Humidity Control**  
 The humidity control provides automatic low voltage control of humidifiers in central heating and cooling applications. It has an spst, snap-acting, dust-proof switch that opens when humidity rises above the control setting. It is designed for wall or surface duct mounting.

- Cooling Cycle Humidity**  
 When activated, the humidity control lowers the furnace/air handler blower speed, reducing air velocity over the furnace/air handler coil and removing a greater amount of moisture from the air.

- Bright White Finish

**Note:** For use w/variable speed indoor products "ONLY"

## Relay Hook-up



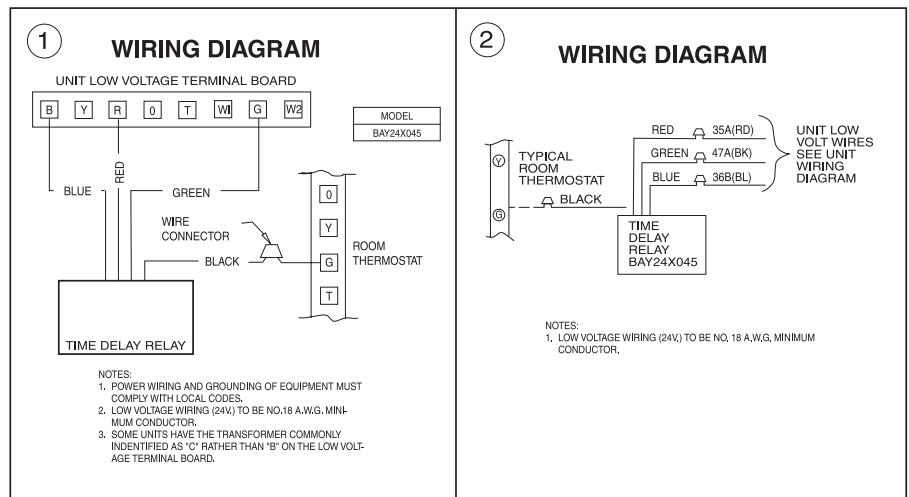
- BAY24X042 relay for fan operation when using electric heat.
- This sample hook-up diagram illustrates Field Connections for cooling only units, electric heat and automatic change over control.
- On a call for heat, the relay provides for instant fan-on. Without the relay, you will get no airflow or heat! Relay is not needed with Fossil Fuel on Heat Pump applications.



## Indoor Fan Delay Relay Kit

### BAY24X045

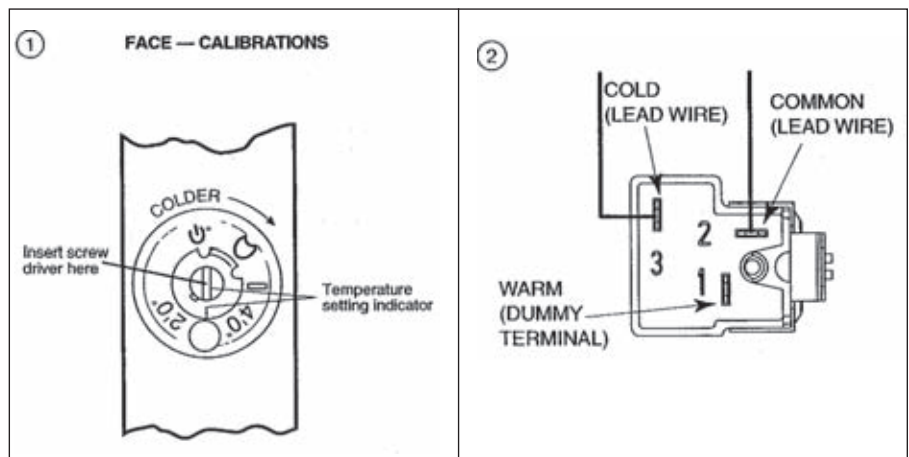
- For application to furnaces and air handlers with cooling coils equipped with capillary tube or 15% bleed expansion valve components.
- This kit allows the indoor fan to continue to run a short time after the outdoor unit shuts off for increased cooling efficiency.
- The kit contains: 1 solid state time delay relay with four (4) color coded wires, 1 wiring diagram, 1 notice label, 1 mounting screw.



## Outdoor Thermostat Kit

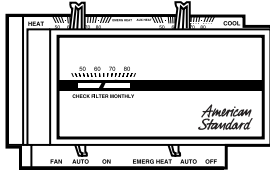
### TAYSTAT250B

- The outdoor thermostat (ODT) is designed to turn "ON" the supplementary heater at a pre-selected outdoor temperature.
- The number and setting of the ODT is dependent on the heat loss of the structure and capacity of the heating system installed.
- This model ODT gives a temperature range for 44°F. to -10°F. (See figure 1 for settings). The switching action is single pole/double throw, opening on temperature rise and closing on temperature fall, completing the circuit through the thermostat.





*American Standard*

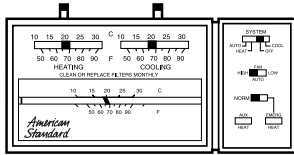


# Heat Pump Comfort Controls

## Heat Pump ASYSTAT650

- 2-Stage Heat/1-Stage Cool
- Deluxe Auto Changeover
- Emergency Heat/Auto/Off System Switch

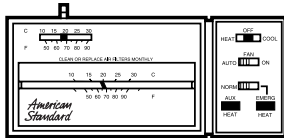
- Auto/On Fan Switch
- Auxiliary and Emergency Heat Indicator Lights
- Thermometer Can Be Calibrated
- Clear Plastic Set Point Levers
- Finish: Beige and Gold



## Heat Pump ASYSTAT653A

- 3 Heat/2 Cool
- Automatic or Manual Changeover
- Can be Used for Economizer Operation
- Includes Stat and Subbase
- Auto/Heat/Off/Cool System Switch
- High/Auto/Low Fan Switch

- Normal Emergency Heat Switch
- Auxiliary and Emergency Heat Indicator Lights
- Used with System<sup>2</sup>
- Deluxe Clear Plastic Cover
- Clear Plastic Set Point Levers
- Minimum differential between heating and cooling is 4°F
- Finish: Bright White

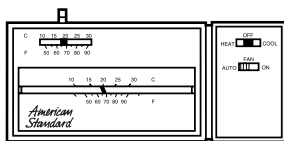


## Heat Pump ASYSTAT655A

- 2 Heat/1 Cool
- Manual Changeover
- Includes Stat and Subbase
- Heat/Off/Cool System Switch

- Auto/On Fan Switch
- Normal/On Emergency Heat Switch
- Emergency Heat Indicator Light
- Clear Plastic Set Point Levers
- Finish: Bright White

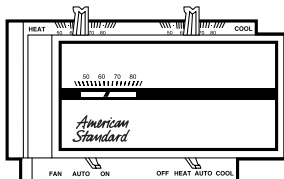
# Multiple Stage Comfort Controls



## Multiple Stage ASYSTAT606

- 2 Heat/1 Cool
- Manual Changeover
- Heat/Off/Cool System Switch
- Auto/On Fan Switch

- Includes Stat and Subbase
- Clear Plastic Set Point Lever
- Requires BAY24X042 (DPDT Relay) for indoor fan operation when used for Electric Heat
- Finish: Bright White



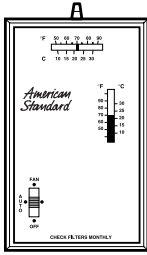
## Multiple Stage ASYSTAT611

- 2 Heat/2 Cool-Can be Used for Economizer Operation
- With ASYSTAT617 Subbase: Manual Changeover Instant On Fan (for Electric Heat) Heat/Off/Cool System Switch Auto/On Fan Switch
- With ASYSTAT616 Subbase: Automatic Changeover Off/Auto System Switch Auto/On Fan Switch

- Requires BAY24X042 Relay for Indoor Fan Operation when Used for Electric Heat
- Clear Plastic Set Point Levers
- Adjustable Heat Anticipator
- Thermometer can be Calibrated
- Finish: Beige and Gold

*American Standard*

## Cooling Only Comfort Controls

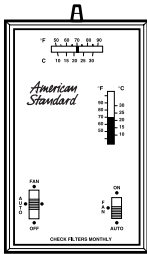


### Cooling Only ASYSTAT603

- 0 Heat/1 Cool
- Off/Auto Fan System Switch
- Clear Plastic Set Point Lever

- Finish: Bright White

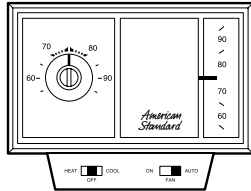
## Single Stage Comfort Controls



### Single Stage ASYSTAT604

- 1 Heat/1 Cool
- Manual Changeover
- Heat/Off/Cool System Switch
- On/Auto Fan Switch
- Clear Plastic Set Point Lever

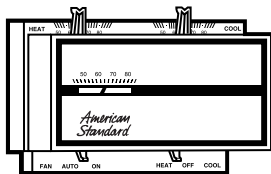
- Gas Heat Compatible
- Adjustable Heat Anticipator
- Electric Heat Compatible; jumper terminals 1 & 2 together
- Adjustable Heat Anticipator
- Finish: Bright White



### Single Stage ASYSTAT605

- 1 Heat/1 Cool
- Manual Changeover
- Heat/Off/Cool System Switch
- On Auto Fan Switch
- Set Point Dial

- Gas Heat Compatible
- Electric Heat Compatible; jumper terminals 1 & 2 together
- Calibrate by Adjusting the Cam Rider Screw
- Adjustable Heat Anticipator
- Finish: Bright White



### Single Stage ASYSTAT610

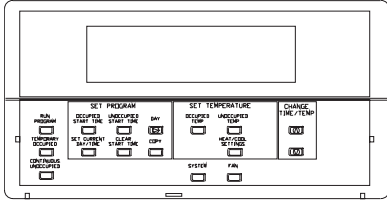
- 1 Heat/1 Cool
- With ASYSTAT617 Subbase: Manual Changeover Instant On Fan (For Electric Heat) Heat/Off/Cool System Switch Auto/On Fan Switch
- With ASYSTAT616 Subbase: Automatic Changeover Off/Auto System Switch Auto/On Fan Switch

- Requires BAY24X042 Relay for Indoor Fan Operation when Used for Electric Heat
- Clear Plastic Set Point Levers
- Adjustable Heat Anticipator
- Thermometer can be Calibrated
- Finish: Beige and Gold



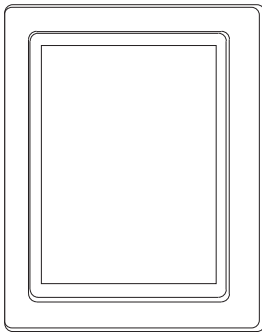
# Programmable Comfort Controls

## Programmable ASYSTAT705B



- **BAYBASE008A: Single Stage 1 Heat/1 Cool**
- **BAYBASE006A: Multi Stage 2 Heat/2 Cool – Can be Used for Economizer Operation**
- **BAYBASE007A: Multi Stage Heat Pump – 3 Heat/2 Cool – Can be Used for Economizer Operation**
- Digital display indicating the time of day, the day of the week, room temperature, current program operating mode, and current active stage
- Instant override, continuous or timed from one hour to 30 days
- Automatic adjustment of temperatures up to four times a day
- L.C.D. readout in F or C (Celsius) and 12 or 24-hour clock. This display alternates between room temperature and time of day
- Preferential Rate Control (PRC) minimizes overshooting and prevents room temperature deviating from setpoint under varying load conditions (zero droop)
- PRC provides smart recovery from offset to minimize use of supplemental electric heat
- Keyboard disable to prevent tampering
- 100% solid state
- Weekend programming on 5-1-1 basis
- No outdoor thermostat required, utilizes computer controlled staging (multistage)
- Auto fan during setback (optional)
- Touch sensitive smooth membrane keyboard
- No anticipator required
- Automatic or Manual changeover
- Built-in minimum on-off time delays ensure short cycle protection
- No batteries required
- Equipment short cycle protection against power outages longer than 1/2 second. Equipment turns off for 6 minutes
- No accessories required. Each unit is complete and ready for installation including battery
- Vendor: Honeywell
- Finish: Bright White

## Remote Sensor ASYSTAT706A



- **Remote Sensor for use with ASYSTAT705B**
- Allows convenient thermostat location and optimum temperature sensing location
- Maximum distance from thermostat to sensor = 1000 ft.
- Use 3 conductor (18-26 AWG) shielded and insulated cable
- Vendor: Honeywell
- Finish: Bright White

## Remote Sensor BAYSENS034



- **Return Air Remote Temperature Sensor for use with ASYSTAT705B**

# Zone Sensor Unit Installation

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The zone sensor provides the operator control and zone temperature sensing functions for use with electronic unit controls. Refer to the appropriate unit installation manual for interconnecting wiring instructions.

## ZONE SENSOR LOCATION

To ensure proper operation, select a location on an interior wall, at a height approximately 5 feet above the floor, with freely circulating air of average temperature.

### Avoid Locations:

- Behind doors or in corners where air does not freely circulate.
- On an outside wall or any wall with unheated (uncooled) areas behind the zone sensor.
- Where direct sunlight or any Source: of radiant heat could affect the temperature measurements.
- In line with the discharge air from the unit being controlled.

Mount the zone sensor base on the wall or optional mounting plate with the wires routed through the wire access hole in the base of the zone sensor.

## ZONE SENSOR CONTROLS

### Emergency Heat/Heat/Auto/Off/Cool

This switch determines whether the unit operates in emergency heat (EM. HEAT - for heat pumps only), heating (HEAT), automatically changing from heating to cooling as required (AUTO), heating and cooling functions disabled (OFF), or cooling (COOL).

### Fan Auto/Fan On

This switch determines whether the indoor fan operates during cooling and heating cycles only (FAN AUTO) or runs continuously (FAN ON).

### Temperature Adjustments

One or two temperature adjustment controls are provided to set the desired temperature or temperature range (for unit mode AUTO). If two controls are present, the blue control sets the desired temperature for cooling and the red control sets the desired temperature for heating.

### Temperature Indicator

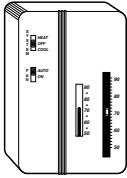
This indicates the temperature in the zone. The indicator has been factory calibrated and should not normally require adjustment. If adjustment is needed, it can be accomplished by slowly rotating a small screwdriver in the slot on the back of the indicator until the correct temperature is obtained.

### Optional Remote Sensor

When using the optional remote sensor (BAYSENS017B), it should be located in the space that is to be controlled. Wire according to the interconnecting wiring diagrams in the unit IOM.

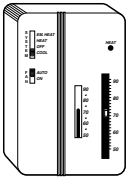
Installation: 18-HD60D41  
Source: Clarksville

## Micro Control Zone Sensors



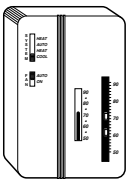
**Manual Changeover  
ASYSSTAT661B  
SEN0417**

- 4 wires required.
- Single Setpoint for 3-25 Tons Electric/Electric TCD/TCH and Gas/Electric Systems YCD/YCH
- Can be used with Remote Sensor (ASYSSTAT669)



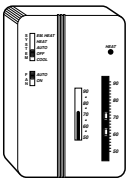
**Manual Changeover  
ASYSSTAT662B  
SEN0418**

- 6 wires required.
- Single Setpoint for Heat Pump Systems (WCD/WCH 3-20 Tons)
- Can be used with Remote Sensor (ASYSSTAT669)



**Automatic Changeover  
ASYSSTAT663B  
SEN0419**

- 5 wires required.
- Dual Setpoint for Electric/Electric and Gas Electric Systems (TCD/TCH and YCD/YCH 3-25 Tons)
- Can be used with Remote Sensor (ASYSSTAT669)



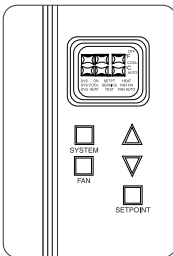
**Automatic Changeover  
ASYSSTAT664B  
SEN0420**

- 7 wires required.
- Dual Setpoint for Heat Pump Systems (WCD/WCH 3-20 Tons)
- Can be used with Remote Sensor (ASYSSTAT669)



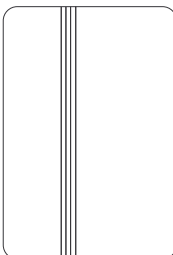
**Programmable  
Night Setback  
ASYSSTAT666C Heat/Cool  
SEN0421**

- 7 wires required.
- Can be used with Remote Sensor (ASYSSTAT669)
- ASYSSTAT666B used with: TCD/TCH, YCD/YCH 12.5-25 Tons, WCD/WCH 3-20 Tons, T°C, Y°C, WSC- (ReliateI™) 3-10 Tons and TTA090-TTA240 (ReliateI™)



**LCD Digital  
Display Zone Sensor  
ASYSSTAT709A/707A**

- 7 wires required.
- Non-Programmable Zone Sensor with a digital display
- ASYSSTAT709A - Cool/Gas
- ASYSSTAT707A - Heat Pumps



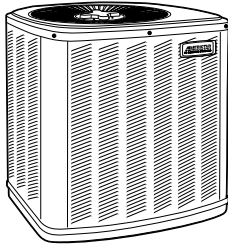
**Averaging Remote  
Zone Sensor  
ASYSSTAT708A**

- Refer to IOM for wires required Zone Sensor
- Averaging only
- Application where two wall mounted sensors are required
- ASYSSTAT708A used with 3-25 Ton packaged Gas/Cool/Heat Pumps

Zone Sensors must be used with Micro Control units. Vendor Thermostats which use Triac outputs are not recommended with Micro Control units. Major features lost by using a Conventional Thermostat include the following:

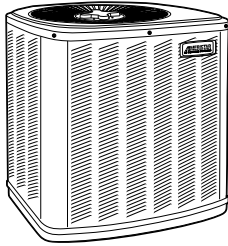
- No diagnostics
- Proportional Integral control
- No smart recovery in the heating mode (heat pumps)
- 2-stage electric heat (heat pumps)
- Stand alone set up and set back for unoccupied features
- Intelligent fall back (unit can run on default value with outdoor air sensor)
- Control wiring size may be increased
- Remote sensing capability
- Space temperature averaging
- Supply air tempering
- Economizer preferred cooling is lost (compressor operation is locked out below 50°F)

# Split Air Conditioners and Heat Pumps



**Table AM-1-A — Split Cooling 13 SEER**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Required FCCV Size	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound Rating	MCA*	Max. Fuse*	Line Size	
				H	W	D					OD Gas	OD Liq.
2A7M3018A1000A	200/230/1/60	17,000	TXV-NB	26	29	26	182	74	8	15	5/8	1/4
2A7M3024A1000A	200/230/1/60	23,000	TXV-NB	33	29	26	195	76	12	20	3/4	5/16
2A7M3030A1000A	200/230/1/60	28,500	TXV-NB	33	33	30	225	74	13	20	3/4	5/16
2A7M3036A1000A	208/230/1/60	34,500	TXV-NB	33	33	30	220	75	18	30	7/8	3/8
2A7M3042A1000A	200/230/1/60	40,500	TXV-NB	33	37	34	283	77	21	35	7/8	3/8
2A7M3048A1000A	200/230/1/60	46,500	TXV-NB	41	37	34	307	76	25	40	1 1/8	3/8
2A7M3060A1000A	208/230/1/60	58,500	TXV-NB	41	37	34	303	76	32	50	1 1/8	3/8



**Table AM-1-B — Split Heating 13 SEER**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Required FCCV Size	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound Rating	MCA*	Max. Fuse*	Line Size	
				H	W	D					OD Gas	OD Liq.
2A6M3018A1000A	200/230/1/60	17,000	TXV-NB	33	29	26	201	74	8	15	5/8	1/4
2A6M3024A1000A	200/230/1/60	23,000	TXV-NB	33	29	26	204	79	12	20	3/4	5/16
2A6M3030A1000A	200/230/1/60	28,500	TXV-NB	37	33	30	239	79	13	20	3/4	5/16
2A6M3036A1000A	200/230/1/60	34,500	TXV-NB	37	37	34	297	79	19	30	7/8	3/8
2A6M3042A1000A	200/230/1/60	40,500	TXV-NB	41	37	34	312	81	21	35	7/8	3/8
2A6M3048A1000A	200/230/1/60	46,500	TXV-NB	41	37	34	313	78	25	40	1 1/8	3/8
2A6M3060A1000A	208/230/1/60	58,500	TXV-NB	41	37	34	314	79	32	50	1 1/8	3/8

**Table AM-1-C — Features**

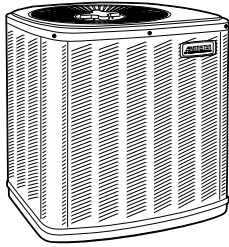
	13 (2A7M3)	13 (2A6M3)
• SEER's up to .....	13.0	13.0
• HSPF's up to .....	—	7.7
• 5-year limited warranty on compressor, outdoor coil & 5 years on parts (Residential) .....	✓	✓
• <b>Duration™</b> compressor .....	✓	✓
• <b>DuraBase™</b> base, fast complete drain, weatherproof .....	✓	✓
• <b>Easy-Sess™</b> cabinet, service access & refrigerant connections with full coil protection .....	✓	✓
• <b>Spine Fin™</b> coil .....	✓	✓
• <b>Comfort™R™</b> mode approved .....	✓	✓
• Compressor sound enclosures .....	3 1/2-4	3-4
• Compressor sump - factory installed .....	5	1 1/2-5
• Quick start kit-factory installed .....	1 1/2-2 1/2	1 1/2-5
• Factory supplied charge .....	3 1/2-5	—
• Glossy corrosion resistant finish .....	R-22	R-22
• Internal high / low pressure & temperature protection .....	✓	✓
• Low Pressure Switch .....	✓	✓
• Liquid line filter drier - factory installed .....	—	✓
• Poly Slate gray cabinet .....	✓	✓
• <b>Extended warranties available</b> .....	✓	✓

**Table AM-1-D — Optional Accessories**

	13 (2A7M3)	13 (2A6M3)
AY28X079 .....	✓	—
AY28X084 .....	—	✓
BAYCCHT300 .....	1 1/2-2	—
BAYCCHT301 .....	2 1/2-3	2 1/2-3 1/2
BAYECMT001 .....	✓	✓
BAYISLT101 .....	✓	✓
BAYSKT260 .....	3	—
BAYLEGS002 .....	✓	✓
BAYLEGS003 .....	✓	✓
BAYLOAM103 .....	✓	✓
BAYSDEN001 .....	1 1/2-2 1/2	1 1/2-2 1/2
BAYSDEN002 .....	—	—
BAYSDEN003 .....	3	—
BAYSDEN004 .....	5	5
BAYSEAC001 .....	✓	✓
TAYASCT501A .....	✓	✓

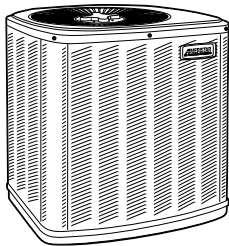
**Comfort Controls — See Comfort Controls/Zone Sensors Section**

# Split Air Conditioners and Heat Pumps



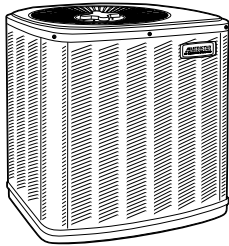
**Table AM-2-A —Split Cooling 12 SEER**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Required FCCV Size	Uncrated Dimensions(in.) H W D	Shipping Weight (lbs.)	Sound Rating	MCA*	Max. Fuse*	Line Size OD Gas OD Liq.
2A7B2018A1000A	200/230/1/60	18,000	.051	26 29 26	170	82	10	15	5/8 1/4
2A7B2024A1000A	200/230/1/60	24,000	.057	29 29 26	186	80	11	15	3/4 5/16
2A7B2030A1000A	208/230/1/60	30,000	.065	29 29 26	178	78	18	30	3/4 5/16
2A7B2036A1000A	208/230/1/60	36,000	.071	33 29 26	194	78	21	35	7/8 3/8
2A7B2042A1000A	208/230/1/60	42,000	.077	33 33 30	208	78	23	40	7/8 3/8
2A7B2048A1000A	208/230/1/60	48,000	.086	37 33 30	240	80	26	45	1 1/8 3/8
2A7B2060A1000A	208/230/1/60	60,000	.095	37 33 30	263	80	38	60	1 1/8 3/8



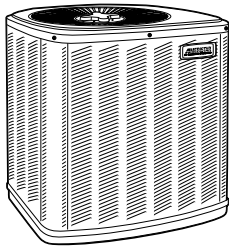
**Table AM-2-B —Split Heating 12 SEER**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Required FCCV Size	Uncrated Dimensions(in.) H W D	Shipping Weight (lbs.)	Sound Rating	MCA*	Max. Fuse*	Line Size OD Gas OD Liq.
2A6B2018A1000A	200/230/1/60	18,000	.049	26 29 26	174	81	10	15	5/8 1/4
2A6B2024A1000A	200/230/1/60	24,000	.059	29 29 26	190	82	13	20	3/4 5/16
2A6B2030A1000A	208/230/1/60	30,000	.065	29 29 26	186	79	18	30	3/4 5/16
2A6B2036A1000A	208/230/1/60	36,000	.071	33 33 30	226	77	21	35	7/8 3/8
2A6B2042A1000A	208/230/1/60	42,000	.077	33 33 30	221	79	24	40	7/8 3/8
2A6B2048A1000A	208/230/1/60	48,000	.086	37 33 30	249	79	26	45	1 1/8 3/8
2A6B2060A1000A	208/230/1/60	60,000	.092	41 37 34	307	80	37	60	1 1/8 3/8



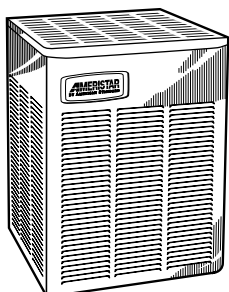
**Table AM-2-C —Split Cooling 10 SEER**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Required FCCV Size	Uncrated Dimensions(in.) H W D	Shipping Weight (lbs.)	Sound Rating	MCA*	Max. Fuse*	Line Size OD Gas OD Liq.
2A7B0030A1000A	200/230/1/60	30,000	.065	26 29 26	169	81	17	30	3/4 5/16
2A7B0036A1000A	200/230/1/60	36,000	.071	26 29 26	175	80	20	35	7/8 3/8
2A7B0042A1000A	200/230/1/60	42,000	.075	29 29 26	208	81	23	40	7/8 3/8
2A7B0048A1000A	200/230/1/60	48,000	.080	29 29 26	218	82	26	45	1 1/8 3/8
2A7B0060A1000A	200/230/1/60	60,000	.089	33 33 30	256	83	35	60	1 1/8 3/8



**Table AM-2-D —Split Heating 10 SEER**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Required FCCV Size	Uncrated Dimensions(in.) H W D	Shipping Weight (lbs.)	Sound Rating	MCA*	Max. Fuse*	Line Size OD Gas OD Liq.
2A6B0012A1000A	200/230/1/60	12,000	.047	26 29 26	169	79	10	15	5/8 1/4
2A6B0018A1000A	200/230/1/60	18,000	.049	26 29 26	169	79	10	15	5/8 1/4
2A6B0024A1000A	200/230/1/60	24,000	.057	26 29 26	177	79	15	25	3/4 5/16
2A6B0030A1000A	200/230/1/60	30,000	.067	29 29 26	187	81	17	25	3/4 5/16
2A6B0036A1000A	200/230/1/60	36,000	.067	29 29 26	189	81	20	30	7/8 3/8
2A6B0042A1000A	200/230/1/60	42,000	.075	33 33 30	247	79	23	40	7/8 3/8
2A6B0048A1000A	200/230/1/60	48,000	.083	33 33 30	255	80	26	40	1 1/8 3/8
2A6B0060A1000A	200/230/1/60	60,000	.095	33 37 34	291	81	34	50	1 1/8 3/8



**Table AM-2-E —Field Braze Connections**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Required FCCV Size	Uncrated Dimensions(in.) H W D	Shipping Weight (lbs.)	Sound Rating	MCA*	Max. Fuse*	Line Size OD Gas OD Liq.
7B0012B100A	200/230/1/60	12,000	.049	24 18 18	118	82	11	15	5/8 1/4
7B0017B100A	200/230/1/60	18,000	.049	24 18 18	118	82	11	15	5/8 1/4
7B0023B100A	208/230/1/60	24,000	.057	24 18 18	130	80	15	25	3/4 5/16



# Split Air Conditioners and Heat Pumps

**Table AM-3-A — Features**

	12 (2A7B2)	12 (2A6B2)	10 (2A7B0)	10 (2A6B0)	10 (7B00)
• SEER's up to .....	12.5	12.5	10.5	10.5	10.5
• 5-year limited warranty on compressor, outdoor coil & 5 years on parts (Residential) .....	✓	✓	✓	✓	✓
• <b>Duration</b> compressor .....	✓	✓	✓	✓	✓
• <b>DuraBase</b> base, fast complete drain, weatherproof .....	✓	✓	✓	✓	✓
• <b>Easy-Sess</b> cabinet, service access & refrigerant connections with full coil protection .....	✓	✓	✓	✓	✓
• <b>Spine Fin</b> coil .....	✓	✓	✓	✓	✓
• Compressor sump - factory installed .....	—	1½-2 & 4-5	—	1-5	—
• Factory installed start kit .....	1½-2	1½-2	—	—	—
• Factory supplied charge .....	R-22	R-22	R-22	R-22	R-22
• Glossy corrosion resistant finish .....	✓	✓	✓	✓	✓
• Internal high / low pressure & temperature protection .....	✓	✓	✓	✓	✓
• Liquid line filter drier - factory installed .....	✓	✓	✓	✓	✓
• Poly Slate gray cabinet .....	✓	✓	✓	✓	✓
• <b>Extended warranties available</b> .....	✓	✓	✓	✓	✓

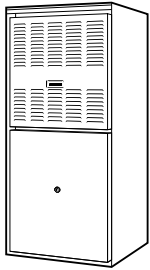
**Table AM-3-B — Optional Accessories**

AY28X079 .....	✓	—	✓	—	✓
AY28X084 .....	—	✓	—	✓	—
BAY24X045 .....	✓	✓	—	✓	✓
BAYCCHT300 .....	1½-2	—	2½-5	—	1-2
BAYCCHT301 .....	2½-3	2½-3½	—	—	—
BAYECMT001 .....	✓	✓	✓	✓	—
BAYISLT100 .....	✓	—	—	—	✓
BAYISLT101 .....	✓	✓	—	—	—
BAYKSKT257 .....	—	—	2½-5	1-5	—
BAYKSKT260 .....	2½-5	2½-5	—	—	—
BAYKSKT261 .....	—	—	—	—	1-2
BAYLEGS002 .....	✓	✓	✓	✓	—
BAYLEGS003 .....	✓	✓	✓	✓	—
BAYLOAM103 .....	✓	✓	✓	✓	—
BAYLOAM104 .....	—	—	—	—	✓
BAYSDEN001 .....	1½-2	1½-2	2½-3	1-3	1-2
BAYSDEN002 .....	—	—	3½-5	3½	—
BAYSDEN003 .....	2½-4	2½-4	—	—	—
BAYSDEN004 .....	5	5	—	—	—
BAYSEAC001 .....	✓	✓	✓	✓	—
TAYASCT501A .....	✓	✓	✓	✓	—
TAYPLUS103A .....	—	✓	—	✓	—

**Table AM-3-C — Comfort Controls**

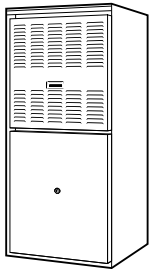
ACONT200A .....	✓	—	✓	—	✓
ASYSTAT370 .....	✓	—	✓	—	✓
ASYSTAT371 .....	✓	—	✓	—	✓
ASYSTAT380 .....	✓	—	✓	—	✓
ASYSTAT603 .....	✓	—	✓	—	✓
ASYSTAT604 .....	✓	—	✓	—	✓
ASYSTAT605 .....	✓	—	✓	—	✓
TAYSTAT250B .....	✓	—	✓	—	✓
ASYSTAT570 .....	—	✓	—	✓	✓
ASYSTAT650 .....	—	✓	—	✓	—

**Note:** Standard split system (2A7B,2A6B,7B0) models, are not eligible for 10-year extended warranties, parts or labor.



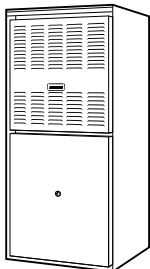
**Table AM-4-A —Dedicated Upflow Only induced draft**

Model Number	Airflow In Tons	Nom. Cap. Cooling (BTUH)	ICS* AFUE	Flue Size	Ignition Device	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Max. Fuse*	Filter Sizes
						H	W	D			
CUB040A924C	2	31,000	80.0	4"	Silicon Carbide	40	14.5	28	119	15	14 x 25 x 1
CUB060A936C	3	47,000	80.0	4"	Silicon Carbide	40	14.5	28	127	15	14 x 25 x 1
CUB060A937C	3	47,000	80.0	4"	Silicon Carbide	40	17.5	28	137	15	17 x 25 x 1
CUB080A936C	3	63,000	80.0	4"	Silicon Carbide	40	17.5	28	142	15	17 x 25 x 1
CUB080A948C	4	64,000	80.0	4"	Silicon Carbide	40	17.5	28	142	15	17 x 25 x 1
CUB100A936C	3	79,000	80.0	4"	Silicon Carbide	40	17.5	28	151	15	17 x 25 x 1
CUB100A948C	4	79,000	80.0	4"	Silicon Carbide	40	21	28	162	15	20 x 25 x 1
CUB100A960C	5	80,000	80.0	4"	Silicon Carbide	40	21	28	162	15	20 x 25 x 1
CUB120A960C	5	96,000	80.0	4"	Silicon Carbide	40	24.5	28	186	15	24 x 25 x 1
CUB140A960C	5	111,000	80.0	4"	Silicon Carbide	40	24.5	28	193	20	24 x 25 x 1



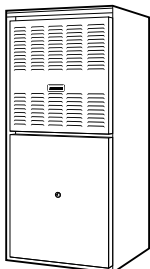
**Table AM-4-B —Downflow/Horizontal Induced Draft**

Model Number	Airflow In Tons	Nom. Cap. Cooling (BTUH)	ICS* AFUE	Flue Size	Ignition Device	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Max. Fuse*	Filter Sizes
						H	W	D			
CDB060A936D	3	48,000	80.0	4"	Silicon Carbide	40	14.5	28	129	15	(2) 14 x 20 x 1
CDB060A937D	3	48,000	80.0	4"	Silicon Carbide	40	17.5	28	141	15	(2) 14 x 20 x 1
CDB080A945D	4	64,000	80.0	4"	Silicon Carbide	40	17.5	28	146	15	(2) 16 x 20 x 1
CDB100A945D	4	80,000	80.0	4"	Silicon Carbide	40	17.5	28	156	15	(2) 16 x 20 x 1
CDB100A960D	5	81,000	80.0	4"	Silicon Carbide	40	21	28	167	15	(2) 16 x 20 x 1
CDB120A960D	5	96,000	80.0	4"	Silicon Carbide	40	24.5	28	189	15	(2) 16 x 20 x 1



**Table AM-4-C —Upflow Condensing**

Model Number	Airflow In Tons	Nom. Cap. Cooling (BTUH)	ICS* AFUE	Flue Size	Ignition Device	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Max. Fuse*	Filter Sizes
						H	W	D			
CUX040A924A	2	37,000	90.0	2, 2 1/2, 3"	Silicon Carbide	40	17.5	28	139	15	17 x 25 x 1
CUX060A936A	3	56,000	90.0	2, 2 1/2, 3"	Silicon Carbide	40	17.5	28	150	15	17 x 25 x 1
CUX080A942A	3.5	74,000	90.0	2, 2 1/2, 3"	Silicon Carbide	40	17.5	28	158	15	17 x 25 x 1
CUX100A948A	4	92,000	90.0	2 1/2, 3"	Silicon Carbide	40	21	28	171	15	20 x 25 x 1
CUX100A960A	5	93,000	90.0	2 1/2, 3"	Silicon Carbide	40	24.5	28	197	15	24 x 25 x 1
CUX120A960A	5	113,000	90.0	3" Only	Silicon Carbide	40	24.5	28	205	15	24 x 25 x 1



**Table AM-4-D —Downflow Condensing Convertible to Horizontal**

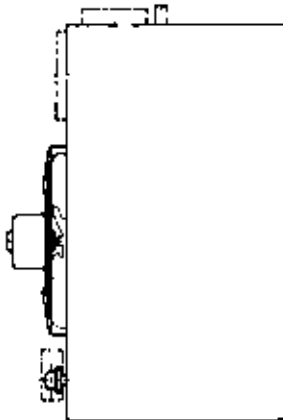
Model Number	Airflow In Tons	Nom. Cap. Cooling (BTUH)	ICS* AFUE	Flue Size	Ignition Device	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Max. Fuse*	Filter Sizes
						H	W	D			
CDX040A924A	2	38,000	90.0	2, 2 1/2, 3"	Silicon Carbide	40	17.5	28	145	15	(2) 14 x 20 x 1
CDX060A936A	3	56,000	90.0	2, 2 1/2, 3"	Silicon Carbide	40	17.5	28	155	15	(2) 14 x 20 x 1
CDC080A942A	3.5	74,000	90.0	2, 2 1/2, 3"	Silicon Carbide	40	17.5	28	168	15	(2) 14 x 20 x 1
CDX100A948A	4	93,000	90.0	2 1/2, 3"	Silicon Carbide	40	21	28	185	15	(2) 16 x 20 x 1
CDX120A960A	5	110,000	90.0	3" Only	Silicon Carbide	40	24.5	28	206	15	(2) 16 x 20 x 1

**Note:** Standard furnaces (CUB/CDB-CUC/CDC) models are not eligible for 10 year extended warranties, parts or labor.

	CUB	CDB	CUX	CDX
<b>Table AM-5-A — Features</b>				
• Accessory hook-up capability (Terminal Only) .....	✓	✓	✓	✓
• Alternate bottom/left/right return air .....	✓	✓	✓	—
• Blower door safety switch .....	✓	✓	✓	✓
• Common vent capability .....	✓	✓	—	✓
• Complete front service access .....	✓	✓	✓	✓
• Dedicated Upflow Only Models .....	✓	—	✓	—
• Direct Drive, 4 speed motors .....	✓	✓	✓	✓
• Downflow/Horizontal Models .....	—	✓	—	✓
• Heavy gauge aluminized steel heat exchanger .....	✓	✓	✓	✓
• Heavy gauge, wrap around Pre-painted steel cabinet .....	✓	✓	✓	✓
• Inner blower door panel .....	—	✓	✓	✓
• Low voltage hookup outside cabinet .....	✓	✓	—	—
• Multi-port in-shot burners .....	✓	✓	✓	✓
• Non-prorated 20-year heat exchanger limited warranty .....	✓	✓	✓	✓
• Optional L.P. conversion kit .....	✓	✓	✓	✓
• Pre-painted doors .....	✓	✓	✓	✓
• Power supply 115/1/60 .....	✓	✓	✓	✓
• Right and left side vent knock out .....	—	✓	—	—
• Selectable cooling off option .....	✓	✓	✓	✓
• Silicon carbide hot surface igniter .....	✓	✓	✓	✓
• Slide out blower assembly .....	✓	✓	✓	✓
• 5 year limited parts warranty .....	✓	✓	✓	✓
• <b>Optional extended warranties (5 year parts and labor)</b> .....	✓	✓	✓	✓
• <b>Optional extended warranties (1 year parts and labor)</b> .....	✓	✓	✓	✓
<b>Table AM-5-B — Optional Accessories</b>				
ASYSTAT601 ..... Thermostat-Htg. Only .....	✓	✓	—	—
ASYSTAT604 ..... Thermostat-Htg./Clg. Vertical .....	✓	✓	✓	✓
ASYSTAT605 ..... Thermostat- Htg./Clg. Horizontal .....	✓	✓	✓	✓
BAYLPKT210A .... Propane Conversion Kit .....	✓	✓	✓	✓
BAYFLTR206 ..... Filter Accessory Kit .....	—	✓	✓	✓
BAYCLE1400C .... Coil Enclosure (Knock-down) .....	14.5"	14.5"	—	—
BAYCLE1700C .... Coil Enclosure (Knock-down) .....	17.5"	17.5"	17.5"	17.5"
BAYCLE2100C .... Coil Enclosure (Knock-down) .....	21"	21"	21"	21"
BAYCLE2400C .... Coil Enclosure (Knock-down) .....	24.5"	24.5"	24.5"	24.5"
BAYFLTR200 ..... Side filter rack (upflow only) .....	✓	—	✓	—
BAYBASE205 ..... Downflow Subbase .....	—	✓	—	✓
BAYHALT225 ..... High Alt. Pressure Switch Kit .....	—	—	40	80/120
BAYHALT226 ..... High Alt. Pressure Switch Kit .....	—	—	60	60
BAYHALT227 ..... High Alt. Pressure Switch Kit .....	—	—	—	100
BAYHALT228 ..... High Alt. Pressure Switch Kit .....	—	—	40	40
BAYHALT230 ..... High Alt. Pressure Switch Kit .....	—	—	40/100 A960	—
BAYHALT231 ..... High Alt. Pressure Switch Kit .....	—	—	60	—
BAYHALT232 ..... High Alt. Pressure Switch Kit .....	—	—	80	—
BAYHALT233 ..... High Alt. Pressure Switch Kit .....	—	—	120	—
BAYHALT240 ..... High Alt. Pressure Switch Kit .....	—	—	120	—
BAYHALT248 ..... High Alt. Pressure Switch Kit .....	✓	✓	—	—
BAYMFGH100A .. Manufactured Housing Accessory Kit .....	—	—	✓	✓
BAYVENT100 ..... Concentric Vent Kit .....	—	—	✓	✓
BAYVENT200 ..... Sidewall Vent Terminator Kit .....	—	—	✓	✓

Note: Standard furnaces (CUB/CDB-CUC/CDC) models are not eligible for 10 year extended warranties, parts or labor.

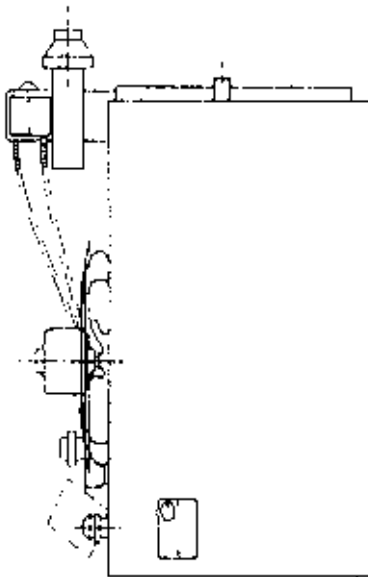
## Product Description Indoor Units



### Propeller Fan Gas Unit Heater

- Two-point Suspension
- Horizontal Louvers
- 115/60/1 Open Drip-proof Motor with Built-in T.O.P.
- 24V Control Transformer
- Junction Box for Power Wiring
- Single-Stage Automatic Gas Valve
- Standing Pilot
- Fan Time Delay Relay
- Aluminized Steel Heat Exchanger
- Blocked Vent (Spill) Switch

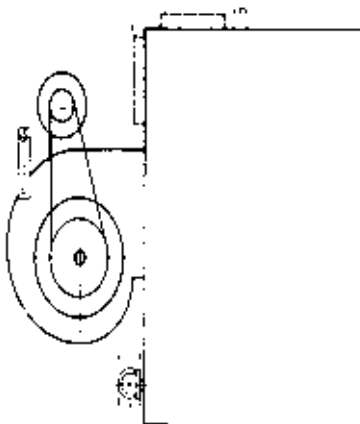
- “10 Year Non-Prorated Warranty” on the Heat Exchanger, Burners and Draft Hood Assembly.



### High Efficiency Propeller Fan Gas Unit Heater

- Two-point Suspension
- Horizontal Louvers
- 115/60/1 Open Drip-proof Motor with Built-in T.O.P.
- 24V Control Transformer
- Junction Box for Power Wiring
- Single-Stage Combination Gas Valve
- Intermittent Pilot Ignition
- Fan Time Delay Relay
- Aluminized Steel Heat Exchanger
- Factory Installed Flue Vent Fan
- Combustion Air Pressure Switch

- “10 Year Non-Prorated Warranty” on the Heat Exchanger, Burners and Draft Hood Assembly.

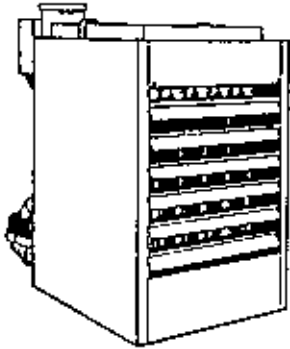


### Centrifugal Fan Gas Unit Heater

- Horizontal Louvers
- 115/60/1 Open Drip-proof Motor with Built-in T.O.P.
- Adjustable V-belt Drive With Belt Guard
- 24V Control Transformer
- Junction Box for Power Wiring
- Single-Stage Automatic Gas Valve
- Standing Pilot
- Fan Time Delay Relay
- Aluminized Steel Heat Exchanger
- Blocked Vent (Spill) Switch

- “10 Year Non-Prorated Warranty” on the Heat Exchanger, Burners and Draft Hood Assembly.

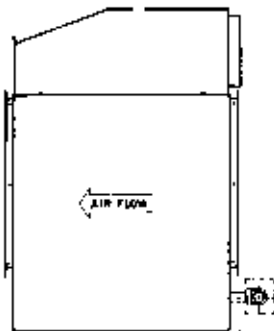
## Product Description Indoor Units



### High Efficiency Centrifugal Fan Gas Unit Heater

- Horizontal Louvers
- 115/60/1 Open Drip-proof Motor with Built-in T.O.P.
- Fan Guard
- 24V Control Transformer
- Junction Box for Power Wiring
- Single-Stage Intermittent Pilot Ignition
- Fan Time Delay Relay
- Aluminized Steel Heat Exchanger
- Factory Installed Flue Vent Fan
- Combustion Air Pressure Switch

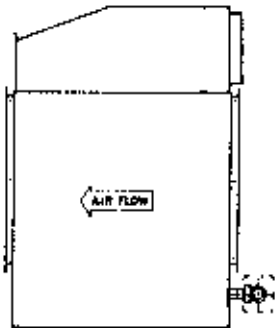
- “10 Year Non-Prorated Warranty” on the Heat Exchanger, Burners and Draft Hood Assembly.



### Indoor Gas Duct Furnace

- Blow Through Applications Only!
- 24V Control Transformer
- Junction Box For Power Wiring
- Single-Stage Automatic Gas Valve
- Standing Pilot
- Aluminized Steel Heat Exchanger
- 10 year warranty “does not apply.” American Standard’s standard 12/18 month only.
- Blocked Vent (Spill) Switch

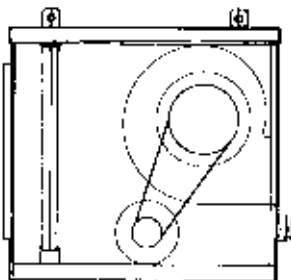
**Note: A drain pan is not included. See field installed options.**



### High Efficiency Indoor Gas Duct Furnace

- Blow Through Applications Only
- 24V Control Transformer
- Junction Box For Power Wiring
- Single-Stage Combination Gas Valve
- Intermittent Pilot Ignition
- Aluminized Steel Heat Exchanger
- Factory Installed Flue Vent Fan
- Combustion Air Pressure Switch
- 10 year warranty “does not apply.” American Standard’s standard 12/18 month only.

**Note: A drain pan is not included. See field installed options.**



### Horizontal Blower Assembly

- Junction Box For Power Wiring
- Filter Rack and 1” Permanent Filters
- Adjustable V-Belt Drive
- 10 year warranty “does not apply.” American Standard’s standard 12/18 month only.



# Indoor Units

**Table UH-3-A — Propeller Fan Gas Unit Heaters**

	Unit Size	003	004	006	007	010	012	015	017	020	022	025	030	035	040
	MBh (input)	30	45	60	75	100	125	150	175	200	225	250	300	350	400
	MBh (output)	24.3	36.5	48.6	60.8	80.0	100.0	120.0	140.0	160.0	180.0	200.0	240.0	280.0	320.0
Propeller Fan Unit Heater	Alum														
	409SS														
APND, APPD	321SS	—	—	—	—										
Std. 115/60/1 motor hp		1/30	1/30	1/30	1/30	1/20	1/10	1/4	1/3	1/3	1/3	1/3	(2)1/4	(2)1/3	(2)1/3

Notes:  
 Unit price includes standard 115/60/1 open drip-proof (ODP) motor. If totally enclosed 115/60/1 motors are required, price motor change from Table UH-5-A.  
 Approved in California when ordered with intermittent pilot ignition.

**Table UH-3-B — High Efficiency Propeller Fan Unit Heater**

	Unit Size	003	004	006	007	010	012	015	017	020	022	025	030	035	040
	MBh (input)	30	45	60	75	100	125	150	175	200	225	250	300	350	400
	MBh (output)	24.9	37.4	48.0	60.0	80.0	100.0	120.0	140.0	160.0	180.0	200.0	240.0	280.0	320.0
High Eff Prop Fan U.H.	Alum														
	409SS														
AHND, AHPD	321SS	—	—	—	—										
Std 115/60/1 motor hp		1/30	1/30	1/30	1/30	1/20	1/10	1/4	1/3	1/3	1/3	1/3	(2)1/4	(2)1/3	(2)1/3

Notes:  
 1. Unit price includes standard 115/60/1 open drip-proof (ODP) motor. If totally enclosed 115/60/1 motors are required, price motor change from UH-5-A.  
 2. The only gas control option available is single stage intermittent pilot. This is included in the list price of the unit.  
 3. 115V flue vent fans are factory installed and included in the list price of the unit.

**Table UH-3-C — Centrifugal Fan Gas Unit Heaters**

	Unit Size	010	012	015	017	020	022	025	030	035	040
	MBh (input)	100	125	150	175	200	225	250	300	350	400
	MBh (output)	80.0	100.0	120.0	140.0	160.0	180.0	200.0	240.0	280.0	320.0
Centrifugal Fan Unit Heater	Alum										
	409SS										
ACND, ACPD	321SS										
Std 115/60/1 motor hp		1/4	1/3	1/2	1/2	3/4	3/4	3/4	3/4	1	1

Notes:  
 1. Unit price includes standard 115/60/1 open drip-proof motor.  
 2. If other than standard voltage required, deduct standard motor and add required motor using prices shown in UH-5-A.  
 3. Contact Macon Technical Support if motor size other than standard size is required.  
 4. Approved in California when ordered with intermittent pilot ignition.  
 5. If ordering a flue vent fan (460V units) add transformer list add shown in flue vent fan table.

**Table UH-3-D — High Efficiency Centrifugal Fan Gas Unit Heater**

	Unit Size	010	012	015	017	020	022	025	030	035	040
	MBh (input)	100	125	150	175	200	225	250	300	350	400
	MBh (output)	80.0	100.0	120.0	140.0	160.0	180.0	200.0	240.0	280.0	320.0
High Eff. Cent. Fan U.H.	Alum										
	409SS										
ABND, ABPD	321SS										
St. 115/60/1 motor hp		1/4	1/3	1/2	1/2	3/4	3/4	3/4	3/4	1	1

Notes:  
 1. Unit price includes standard 115/60/1 open drip-proof motor.  
 2. If other than standard voltage is required, deduct standard motor and add required motor using price shown in UH-5-A.  
 3. 115V flue vent fans are standard and included in list price. If other than standard voltage is required, include \$525 LIST PRICE ADD for a Line/115V transformer.  
 4. Contact Macon Technical Support, if motor size other than standard is required.

**Table UH-3-E — Indoor Gas Duct Furnaces**

	Unit Size	010	012	015	017	020	022	025	030	035	040
	MBh (input)	100	125	150	175	200	225	250	300	350	400
	MBh (output)	80.0	100.0	120.0	140.0	160.0	180.0	200.0	240.0	280.0	320.0
Indoor Duct Furnace	Alum										
	409SS										
ADND, ADPD	321SS										

Notes:  
 Duct Furnaces are approved only in blow-thru applications.  
 If a duct furnace is being used with an HBAC — the main power supply **must** be the same. The duct furnace includes a Line to 24V control transformer.

The State of California requires a steady-state efficiency of 80% for both indoor and outdoor gas heating equipment. All units shipping to the state of California require intermittent pilot ignition.

Contact Macon Product Support for more information on these products (1-800-322-6495)



# Indoor Units

**Table UH-4-A — High Efficiency Gas Duct Furnaces**

	Unit Size	010	012	015	017	020	022	025	030	035	040
	MBh (input)	100	125	150	175	200	225	250	300	350	400
	MBh (output)	80	100	120	140	160	180	200	240	280	320
High Eff Indoor	Alum										
Duct Furnace	409SS										
ALND, ALPD	321SS										

Notes:

1. Unit price includes single-stage intermittent pilot.
2. Unit price includes 115/24V control transformer. No other voltage selection available.
3. 115V flue vent fans are factory installed and included in the list price of the unit.
4. Approved in the blow-thru applications only.

**Table UH-4-B — Horizontal Blower Assembly**

Horizontal	Unit Size	15	20	030	045
Blower	Duct Furnace Size Used With	010, 012	015, 017	020, 022, 025	030, 035, 040
Assembly	Unit	—			
HBAC	Transition	48	48	48	48

Note:

Unit list price **does not include motor**. Motor price from Table UH-5-A must be added to unit price.

Contact Macon Product Support for more information on these products (1-800-322-6495)

The State of California requires a steady-state efficiency of 80% for both indoor and outdoor gas heating equipment. All units shipping to the state of California require intermittent pilot ignition.





# Indoor Unit Options (Factory Installed)

**Table UH-5-A — Motor Prices**

Voltage	¼ hp	1/3 hp	½ hp	¾ hp	1 hp	1-½ hp	2 hp
115/60/1 - Open							
230/60/1 - Open							
208/60/3 - Open	—						
230/60/3 - Open	—						
460/60/3 - Open	—						
575/60/3 - Open	—	—					
115/60/1 - T.E.							
230/60/1 - T.E.							
208/60/3 - T.E.	—						
230/60/3 - T.E.	—						
460/60/3 - T.E.	—						
575/60/3 - T.E.	—	—					
Shipping Wt.	51	55	55	57	57	75	88
motor prices — for totally enclosed motors for Propeller Fan Unit Heaters only							
Voltage	1/3 hp	1/20 hp	1/10 hp	1/4 hp	1/3 hp	1/4 hp	1/3 hp
Unit sizes	003 004 006 007	10	12	15	017 020 022 025	30	035 040
115/60/1							

Note:

Contactors not required on any units provided with single phase motors up to 1 hp. Low voltage contactors are included in the motor price on all units with single phase 1½ hp and above motors and on all three-phase motors.

**Table UH-5-B — Gas Control Options**

	Pilot — Gas Type	Control	Designator
Standard	Standing Pilot —	Single-Stage	A**
Propeller, Duct and Centrifugal Units Only (AP, AC, AD)	Natural or LP (Propane) Gas	Hydraulic Modulating <sup>1</sup>	C
	Intermittent Pilot —	Single-Stage	D
	Natural or LP (Propane) Gas	Two-Stage <sup>4</sup>	E
		Hydraulic Modulating <sup>1,4</sup>	F
		Hydraulic Modulating w/Bypass <sup>1,4</sup>	G
	Intermittent — Pilot —	Electronic Modulating — Room Stat	H
	Natural or LP (Propane) Gas	Electronic Modulating — Duct Stat <sup>5</sup>	J
		Electronic Modulating w/External 4-20 mA Input	L
		Electronic Modulating w/External 0-10VDC Input	N
	High Efficiency Units — Propeller, Centrifugal and Duct Furnaces Only (AH, AB, AL)	Intermittent Pilot	Single-Stage
Natural or LP (Propane) Gas		Two-Stage <sup>4</sup>	E
		Hydraulic Modulating <sup>1,4</sup>	F
		Hydraulic Modulating w/Bypass <sup>1,4</sup>	G
Intermittent Pilot —		Electronic Modulating — Room Stat <sup>4,5</sup>	H
Natural or LP (Propane) Gas		Electronic Modulating — Duct Stat <sup>4,5</sup>	J
		Electronic Modulating w/External 4-20 mA Input	L
		Electronic Modulating w/External 0-10VDC Input	N

Notes:

\*\* Not Available

1. Specify discharge temperature in the body of the order. Two hydraulic modulating valves are offered. One valve has a range of 60°-100°F. The other valve has a range of 75°- 200°F. If no temperature is specified, the 60°-100°F range will ship. N/A on sizes 003-007.

2. For elevations over 4000 ft., hydraulic modulating is not available.

3. Units for California shipment require intermittent pilot ignition.

4. **Not available on sizes 003-007.** These sizes are AGA approved on single stage gas controls only. Two-stage control is available up to 7,500 ft. elevation. Over 7500 ft., single stage only.

5. Only available on duct unit heaters or centrifugal with duct discharge flange option.

**Table UH-5-C — Miscellaneous Options**

Available On	Option	Designator
All Gas Heating Units	Special Orifices	B**
Centrifugal Fan Unit Heaters	Summer-Winter Switch*	D
Indoor Duct Furnaces	Duct Discharge Flange <sup>1</sup>	H**
	Fan Time Delay Control	L
	Side Access Burner Drawer <sup>2</sup>	K
Horiz. Blower Assembly	Totally Enclosed Motor	3

Notes:

\*When used with a duct furnace, optional fan time delay control must be ordered.

\*\* Not Available

1. Not required when nozzles are ordered.

2. Standard side access is on the left side as the airflow is blowing in your face. Opposite from standard can be ordered as a special. Contact Macon Product Support.

The State of California requires a steady-state efficiency of 80% for both indoor and outdoor gas heating equipment. All units shipping to the state of California require intermittent pilot ignition.

Contact Macon Product Support for more information on these products (1-800-322-6495)



# Indoor Unit Accessories (Factory Installed)

**Table UH-6-A — Miscellaneous Options**

Unit Size		003	004	006	007	010	012	015	017	020	022	025	030	035	040
Available On	Option Des	MBh													
	409 S.S. Burners A	—	—	—	—										
All Units <sup>1</sup>	409 S.S. Flue Collector/Draft Diverter C	—	—	—	—										
	Vertical Louvers E														
	Horiz. Louvers F	—	—	—	—										
Indoor Duct Furnaces	Horiz. & Vertical Louvers G	—	—	—	—										
	Unit Size						32		42			62			94
Horiz. Blower Assembly	Insul. for Blower & Transition 1														
Available on Propeller Fan, High Efficiency Propeller Fan	Option Des	MBh													
	OSHA Fan Guards 7	30	45	60	75	100	125	150	175	200	225	250	300	350	400

Note:  
1. 409 S.S. Burners, 409 S.S. Flue Collector/Draft Diverter and Vertical Louvers are not available on Tubular Heat exchanger units.

**Table UH-6-B — Flue Vent Fans (Field Installed)**

Flue Vent Fan Power Supply	Thermostat <sup>4</sup>	Unit Size	003	004	006	007	010	012	015	017	020	022	025	030	035	040
115/60/1		Ordering No	30	45	60	75	100	125	150	175	200	225	250	300	350	400
	Low	350-0019-	01	02	04	05	06	07	08	09	10	11	12	13	14	15
		List Price														
208/60/1		Order No				17	18	19	20	21	22	23	24	25	26	27
	Low	350-0019-	—	—	—											
		List Price														
230/60/1		Order No				29	30	31	32	33	34	35	36	37	38	39
	Low	350-0019-	—	—	—											
		List Price														

Notes:  
All flue vent fans provided with adaptor for unit mounting.  
1. For use with units with 115/60/1 main power supply.  
2. For use with units with 208/60/1 or 208/60/3 main power supply.  
3. For use with units with 230/60/1, 230/60/3, 460/60/3, or 575/60/3 main power supply. Order should specify when for use with units with 460/60/3 or 575/60/3 main power supply, and include **\$579 LIST PRICE ADD** for a 460/230V transformer.  
4. Flue vent fans for use with low voltage thermostats are provided with a relay with 24V holding coil.  
5. Flue vent fans are standard 115V on AHPD, AHND, ABPD, ABND, ALND, ALPD, units and included in the list price of the unit. Do not order separately.

**Table UH-6-C — Miscellaneous Accessories**

Available On	Option	Pipe Size	Order No
Natural Gas Heating Units	High Gas Line Pressure Regulator ( <b>See Note</b> )	3/4" NPT	350-0015-20

Notes:  
When high gas line pressure regulators are ordered you **must** specify the pressure at the job. This is required so the factory can select the regulator to accommodate the specific pressure at the job. More than one unit can be run from one regulator, however, we recommend that each unit have its own regulator. See orifice chart that follows. N/A requires local purchase of regulator.  
When ordered separate, must include model and size of unit.

**Orifice Chart: Rockwell 043-182 Regulator**

Pressure	Inlet Capacity in MBh for Natural Gas						Spring Required
	25-200	225-300	350-500	600	700	800	
1 psi	3/8"	—	—	—	—	—	Blue (only)
2	3/8"	3/8"	—	—	—	—	Blue (only)
3	3/8"	3/8"	3/8"	—	—	—	Blue or Green
5	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	Blue or Green
10	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	Blue or Green
20	1/4"	1/4"	1/4"	1/4"	1/4"	5/16"	Blue or Green
40	1/4"	1/4"	1/4"	1/4"	1/4"	1/4"	Blue or Green
60	1/8"	1/8"	1/8"	1/8"	1/8"	3/16"	Blue or Green
80	1/8"	1/8"	1/8"	1/8"	1/8"	—	Blue or Green
100	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	Blue or Green
125	1/8"	1/8"	1/8"	1/8"	1/8"	1/8"	Blue or Green

Contact Macon Product Support for more information on these products (1-800-322-6495)

The State of California requires a steady-state efficiency of 80% for both indoor and outdoor gas heating equipment. All units shipping to the state of California require intermittent pilot ignition.



# Indoor Unit Accessories (Factory Installed)

Table UH-7-A — Miscellaneous Accessories

Available On	Option	Unit Size Unit MBh	010	012	015	017	020	022	025	030	035	040				
All Units <sup>5</sup>	Y Splitter	Ordering No														
	Discharge Nozzle <sup>1</sup>	350-0018- List Price	03	04	05	06	07	08	09	10	11	12				
	90° Downward Discharge Nozzle <sup>1</sup>	Ordering No 350-0018- List Price	27	28	29	30	31	32	33	34	35	36				
	30° Downward Discharge Nozzle <sup>1</sup>	Ordering No 350-0018 List Price	65	45	46	47	48	49	50	51	52	53				
	60° Downward Discharge Nozzle <sup>1</sup>	Ordering No 350-0018 List Price	68	54	55	56	57	58	59	60	61	62				
Indoor Duct Furnaces	Drain Pan <sup>5</sup> (Al Steel)	Ordering No 350-0076- List Price	03	04	05	06	07	08	09	10	11	12				
	Drain Pan <sup>5</sup> 409 SS)	Ordering No 350-0076- List Price	15	16	17	18	19	20	21	22	23	24				
Horiz. Blower Assembly and Centrifugal Fan Unit Heater with Enclosure		Unit Size		15		20		30		45						
	1" TA Filter Set	Ordering No 350-0050- List Price		01		01		03		05						
	1" Perm Filter Set (Std on HBAC)	Ordering No 350-0050- List Price		02		02		04		06						
		Unit Size	003	004	006	007	010	012	015	017	020	022	025	030	035	040
Available on Propeller Fan, High Efficiency Propeller Units	Option	Unit MBh	30	45	60	75	100	125	150	175	200	225	250	300	350	400
	OSHA Fan Guards	Ordering No 350-0154- List Price	01	01	02	02	02	02	02	04	04	04	04	03	05	05

Notes:

1. Available on all indoor units 100-400 MBh.
2. Only available on Duct Furnaces and Centrifugal Fan Unit Heaters.
3. When nozzles are ordered separate from the unit, specify unit type. High efficiency units have different nozzle configurations than standard units.
4. 60° nozzles are two 30° and 90° nozzles are three 30° nozzles. All nozzles ship unassembled.
5. Recommended when used downstream of a cooling coil.
6. If unit has (E) vertical louvers and nozzles are ordered, vertical louvers not needed because vertical louvers are on nozzles.

The State of California requires a steady-state efficiency of 80% for both indoor and outdoor gas heating equipment. All units shipping to the state of California require intermittent pilot ignition.

Contact Macon Product Support for more information on these products (1-800-322-6495)



# Indoor Unit Accessories (Field Installed)

**Table UH-8-A — Vent Caps and Adapters (Reducers or Increases)**

Available on all	Option	Unit Size	003	004	006	007	010	012	015	017	020	022	025	030	035	040
		Unit MBh	30	45	60	75	100	125	150	175	200	225	250	300	350	400
High Efficiency Propeller Fan Units	4" Vent Cap	Ordering No 0350-0155-	01	01	01	01	01	01	01	01	—	—	—	—	—	—
		List Price														
High Efficiency Centrifugal Fan Units	5" Vent Cap	Ordering No 0350-0157-	—	—	—	—	—	—	—	—	01	01	01	—	—	—
		List Price														
	6" Vent Cap	Ordering No 0350-0158-	—	—	—	—	—	—	—	—	—	—	—	01	01	01
		List Price														
	5" to 4" Reducer	Order No. 0350-0156-	01	01	01	01	01	01	01	01	—	—	—	—	—	—
		List Price														
	5" to 6" Increaser	Ordering No 0350-0159-	—	—	—	—	—	—	—	—	—	—	—	01	01	01
		List Price														

Notes:

- These are **mandatory, for the Canadian market**, per the National Standard of Canada section B149, 1M91 for category 3 venting: (III). Use Certified venting system provided by (Manufacturer).

**Table UH-8-B — Thermostats**

	Type	Voltage	Range	Order No 350-
Single Stage	Room	Low (24V)	55 - 95°F	0015-01
	Duct	Low (24V)	55 - 175°F	0015-07
Single Stage*	Room with Summer Winter Switch <sup>2</sup>	Low (24V)	55 - 95°F	0015-02
	Room with Summer Winter Switch <sup>2</sup>	Low (24V)	45 - 85°F	0015-03
Two Stage	Duct	Low (24V)	55 - 175°F	0015-08
Electronic Modulating	Room	Low (24V)	60 - 85°F	Included in Gas Control Option Price
	Duct	Low (24V)	65 - 85°F	
	Override Room (for use with duct)	Line 115V	50 - 90°F	0015-05
	Universal Guard for Room Thermostats			0015-06

Notes:

**\*When used with a duct furnace, optional fan time delay control must be ordered.**

- Two-stage room thermostat with Fan Auto-On Switch and System Off-Auto Switch.
- Summer/winter switch does not lock out the heat.

**Table UH-8-C — Vertical Louver Kits (Propeller and Centrifugal Fan Unit Heaters Only)**

	APND													
	030	004	006	007	010	012	015	017	020	022	025	030	035	040
Ordering No.	Contact Macon Product Support													
Quantity Required	for Ordering Information													
List Each														

Notes:

- Kits are for use in **modifying existing units** in the field. Kits for APND-003 thru 007 are complete assemblies including frame and louvers. Kits for all other units include individual louver with fastening springs.
- When ordering vertical louvers for new equipment, refer to Table UH-6-A.

Contact Macon Product Support for more information on these products (1-800-322-6495)

The State of California requires a steady-state efficiency of 80% for both indoor and outdoor gas heating equipment. All units shipping to the state of California require intermittent pilot ignition.



# Indoor Unit Accessories (Field Installed)

Table UH-9-A — Natural to Propane Gas Conversion Packages — Single Stage

Pilot Type	Unit Type and Size — Converting —		Ordering No. 350-0119-
	From	To	
Standing Pilot <sup>1</sup>	APND-003-A	APPD-003-A	01
	APND-004-A	APPD-004-A	02
	APND-006-A	APPD-006-A	04
	APND-007-A	APPD-007-A	06
	APND-010-A	APPD-010-A	07
	APND-012-A	APPD-012-A	08
	ACND-012-A	ACPD-012-A	
	APND-015-A	APPD-015-A	09
	ACND-015-A	ACPD-015-A	
	APND-017-A	APPD-017-A	10
	ACND-017-A	ACPD-017-A	
	APND-020-A	APPD-020-A	11
	ACND-020-A	ACPD-020-A	
	APND-022-A	APPD-022-A	12
	ACND-022-A	ACPD-022-A	
	APND-025-A	APPD-025-A	13
	ACND-025-A	ACPD-025-A	
	APND-030-A	APPD-030-A	14
	ACND-030-A	ACPD-030-A	
	APND-035-A	APPD-035-A	15
	ACND-035-A	ACPD-035-A	
	APND-040-A	APPD-040-A	16
	ACND-040-A	ACPD-040-A	
	ADND-010-A	ADPD-010-A	35
	ADND-012-A	ADPD-012-A	36
	ADND-015-A	ADPD-015-A	37
	ADND-017-A	ADPD-017-A	38
	ADND-020-A	ADPD-020-A	39
	ADND-022-A	ADPD-022-A	40
	ADND-025-A	ADPD-025-A	41
	ADND-030-A	ADPD-030-A	42
	ADND-035-A	ADPD-035-A	43
	ADND-040-A	ADPD-040-A	44
Intermittent Pilot <sup>2</sup>	Not Available		—

Notes:

- Conversion packages are for use in modifying existing units in the field from Natural Gas to Propane Gas. Use only with units with **Single Stage — Standing Pilot** gas controls. **D Development Series Only.**
- Conversion Packages to convert from Natural Gas to Propane Gas with intermittent pilot ignition are **not available.**
- When ordering conversion packages, complete **Model Number** and **Serial Number** must be included in the body of the order.
- Control product marketing for units with development sequence prior to "D".
- Kit includes pilot burner, main burner orifices and a spring for the existing valve.
- For these kits you may receive any of the numbers selected due to the fact all kits are the same:  
 350-0119-01, 02, 04 and 06 – all the same.  
 350-0119-07, 08, 09 and 10 – all the same.  
 350-0119-14, 15 and 16 – all the same.

The State of California requires a steady-state efficiency of 80% for both indoor and outdoor gas heating equipment. All units shipping to the state of California require intermittent pilot ignition.

Contact Macon Product Support for more information on these products (1-800-322-6495)



# Indoor Unit Accessories (Field Installed)

Table UH-10-A — Propane to Natural Gas Conversion Packages— Single Stage

Pilot Type Standing Pilot <sup>1</sup>	Unit Type and Size — Converting —		Ordering No. 350-0119-
	From	To	
	APP*.003-A	APN*.003-A	17
	APP*.004-A	APN*.004-A	18
	APP*.006-A	APN*.006-A	20
	APP*.007-A	APN*.007-A	22
	APP*.010-A	APN*.010-A	23
	ACP*.010-A	ACN*.010-A	
	APP*.012-A	APN*.012-A	24
	ACP*.012-A	ACN*.012-A	
	APP*.015-A	APN*.015-A	25
	ACP*.015-A	ACN*.015-A	
	APP*.017-A	APN*.017-A	26
	ACP*.017-A	ACN*.017-A	
	APP*.020-A	APN*.020-A	27
	ACP*.020-A	ACN*.020-A	
	APP*.022-A	APN*.022-A	28
	ACP*.022-A	ACN*.022-A	
	APP*.025-A	APN*.025-A	29
	ACP*.025-A	ACN*.025-A	
	APP*.030-A	APN*.030-A	30
	ACP*.030-A	ACN*.030-A	
	APP*.035-A	APN*.035-A	31
	ACP*.035-A	ACN*.035-A	
	APP*.040-A	APN*.040-A	32
	ACP*.040-A	ACN*.040-A	
	ADP*.010-A	ADN*.010-A	47
	ADP*.012-A	ADN*.012-A	48
	ADP*.015-A	ADN*.015-A	49
	ADP*.017-A	ADN*.017-A	50
	ADP*.020-A	ADN*.020-A	51
	ADP*.022-A	ADN*.022-A	52
	ADP*.025-A	ADN*.025-A	53
	ADP*.030-A	ADN*.030-A	54
	ADP*.035-A	ADN*.035-A	55
	ADP*.040-A	ADN*.040-A	56
Intermittent Pilot <sup>2</sup>	All Units		Contact Macon product support

Notes:

1. Conversion packages are for use in modifying existing units in the field from Propane Gas to Natural Gas. Use only with units with **Single Stage gas controls. D Development Series Only.**
2. Conversion Packages — Intermittent Pilot Ignition, are available upon request from the parts department.
3. \*When ordering conversion packages, complete **Model Number** and **Serial Number** must be included in the body of the order. Make sure that the \* is replaced by the development sequence number.
4. Kit includes pilot burner, main burner orifices and a gas valve.

Contact Macon Product Support for more information on these products (1-800-322-6495)

The State of California requires a steady-state efficiency of 80% for both indoor and outdoor gas heating equipment. All units shipping to the state of California require intermittent pilot ignition.



# Indoor Unit Accessories

**Table UH-11-A — All Indoor Duct Furnaces (Standard and High Efficiency Units) Heat Exchanger Warranty Net Prices Option Extended Warranty<sup>1</sup>**

Unit Size	MBh input	5 year			10 year		
		alum	2nd-5th year 409SS	321SS	alum	2nd-10th year 409SS	321SS
010	100						
012	125						
015	150						
017	175						
020	200						
022	225						
025	250						
030	300						
035	350						
040	400						
Ordering Number		2705-4000-05-00			2705-4000-06-00		
Product Code		588			588		

Note:

1. The extension applies only to new equipment installed in domestic sales territories and must be ordered prior to start-up.

**Table UH-11-B — Indoor Unit Shipping Weights**

Unit Type	030	004	006	007	010	012	015	017	020	022	025	030	035	040
Propeller Unit Heater	70	85	100	110	165	188	210	229	240	266	296	341	405	452
High Efficiency Propeller Unit Heater	79	94	109	119	174	197	219	238	249	275	305	350	414	461
High Efficiency Centrifugal Unit Heater	—	—	—	—	262	279	314	336	363	408	427	471	561	594
Centrifugal Unit Heater	—	—	—	—	253	270	315	335	351	396	415	459	550	582
Duct Furnace	—	—	—	—	140	152	162	180	195	216	224	272	348	360
High Efficiency Duct Furnace	—	—	—	—	162	164	174	192	207	228	236	284	360	372
Unit Size			15			20			30			45		
Horiz Blower Assy (wt less Motor)			135			155			200			295		

The State of California requires a steady-state efficiency of 80% for both indoor and outdoor gas heating equipment. All units shipping to the state of California require intermittent pilot ignition.

Contact Macon Product Support for more information on these products (1-800-322-6495)





# Extended Warranty Labor Options

Labor Options provide more flexibility for the dealer and are selected at the time of sale. These options determine how long a dealer has to guarantee his labor, and establish the set of "Servicer Guideline" rates that can be used when making claims. The options are as follows:

### Labor Option #1:

American Standard's Extended Warranty is responsible for labor beginning the ninety-first (91st) day from the date of installation or the date activated, whichever is later. The dealer is responsible for the labor through the first ninety (90) days.

### Labor Option #2:

American Standard's Extended Warranty is responsible for labor beginning one (1) year from the date of installation. The dealer is responsible for the labor through the first (1st) year. Labor Option #2 is not available on equipment over 9 months old or on "Parts Only" Extended Warranties.

### Labor Option #3:

American Standard's Extended Warranty is responsible for labor beginning the ninety-first (91st) day from the date of installation or the date activated, whichever is later. The dealer is responsible for labor through the first ninety (90) days.

Coverage for **Labor Option #3 will cost more than the other two options.** If it is chosen, the Extended Warranty Agreement will automatically be assigned the letter "X" to the end of the model number. (Example: AAYWAR0004 that contains Labor Option #3 will become AAYWAR0004X). To determine the exact cost of an Extended Warranty that contains Labor Option #3, refer to the price book and select the model number that contains the letter "X" at the end of the model number. **It is not necessary to indicate the "X" in the model number when completing an application.**

The "Servicer Guideline Rates" for labor options #1, #2 and #3 are used when submitting claims and are noted on page WA-2 and WA-3.

		<b>Dealer/Seller</b> Dealer/Seller # <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Name _____ Address _____ City, State, Zip _____ Telephone # (____) _____	<b>Servicer (if other than Dealer/Seller)</b> Servicer # <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Name _____ Address _____ City, State, Zip _____ Telephone # (____) _____	PROMO STAMP IF APPLICABLE <div style="border: 1px solid black; height: 80px; width: 100%;"></div>																				
<b>For Extended Warranty Dept. Use Only</b> Agreement No. _____ Rec'd: _____		<b>Completed by Distributor Only</b> Bill to # <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> Name _____ Approved By _____ Purchasers P.O. # _____ (If Desired)																						
<b>EXTENDED WARRANTY APPLICATION</b>																								
<b>Warranty Model # AAYWAR</b> <small>*Based on some warranty model numbers.</small> Servicer Labor Option: <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> (Circle One) Is this warranty a renewal of an existing Extended Warranty? Yes <input type="checkbox"/> No <input type="checkbox"/> If yes, what is the agreement number of the old warranty <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> .																								
<b>Product Application:</b> <input type="checkbox"/> Residential <input type="checkbox"/> Commercial <b>Equipment Covered:</b> <input type="checkbox"/> System <input type="checkbox"/> Condensing Unit <input type="checkbox"/> Furnace/Air Handler <input type="checkbox"/> Compressor Only <input type="checkbox"/> Other _____ <b>Length of Coverage:</b> <input type="checkbox"/> 1 Year <input type="checkbox"/> 5 Years <input type="checkbox"/> 10 Years <input type="checkbox"/> 15 Years <input type="checkbox"/> 20 Years <b>Type of Coverage:</b> <input type="checkbox"/> Parts Only <input type="checkbox"/> Labor Only <input type="checkbox"/> Both Parts and Labor <small>Note: Not all combinations of above are available. The warranty model number listed above must agree with selections.</small>																								
<b>EQUIPMENT OWNER: (Mailing Address)</b> Name _____ Address _____ City _____ State _____ Zip (Required) _____ Telephone _____			<b>EQUIPMENT LOCATION: (If Different)</b> Name _____ Address _____ City _____ State _____ Zip (Required) _____																					
<table style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">EQUIPMENT COVERED</td> <td style="width: 30%;">Note: Use separate applications for each required agreement. MODEL # - Use 1st 11 Digits</td> <td style="width: 20%;">SERIAL #</td> <td style="width: 30%;">Date Equipment Installed Required</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>_____</td> </tr> <tr> <td>_____</td> <td>_____</td> <td>_____</td> <td>Warranty Sales Price \$ _____</td> </tr> </table>					EQUIPMENT COVERED	Note: Use separate applications for each required agreement. MODEL # - Use 1st 11 Digits	SERIAL #	Date Equipment Installed Required	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	_____	Warranty Sales Price \$ _____
EQUIPMENT COVERED	Note: Use separate applications for each required agreement. MODEL # - Use 1st 11 Digits	SERIAL #	Date Equipment Installed Required																					
_____	_____	_____	_____																					
_____	_____	_____	_____																					
_____	_____	_____	_____																					
_____	_____	_____	Warranty Sales Price \$ _____																					
<b>If the Equipment Covered is a Compressor Only -</b> What is the Condensing Unit Model # _____ What is the Condensing Unit Serial # _____																								
<small>This Document is an <b>Application Only</b>. The Extended Warranty will become effective when accepted by The American-Standard Company. The American-Standard Company will notify the Equipment Owner by sending the Extended Warranty Agreement that provides coverage for the Extended Warranty Model listed above. If you do not receive a confirming agreement within 45 days from American-Standard, please call 800-554-8005.</small>																								
Dealer/Seller's Signature _____ Date _____			As the Equipment Owner, I acknowledge that I have read and understand the "Terms and Conditions" as well as the type of coverage and length of coverage of the American-Standard Extended Warranty for which I have applied.																					
Equipment Owner's Signature _____ Date _____			<b>DEALER INSTRUCTIONS:</b> Send To Your Distributor For Processing.																					
<small>* Dealer/Seller's signature indicates equipment over 9 months old has been inspected and is in good working condition. Inspection not required if equipment is less than 9 months old or if this is a renewal of an existing extended warranty.          Pub. No. 16-1024-07 (8/04) Order this publication and all other Extended Warranty publications online at www.asdealer.net.com</small>																								

**Labor options** are chosen at the time an application is completed using the three (3) selection blocks on the application form (see above). The dealer simply marks the option chosen. When the application is activated, that agreement will always be associated with that Labor Option. If no option is chosen, then option #1 will automatically be selected.

**Refer to the American Standard Extended Warranty Handbook for additional information (Pub. No. 16-1019)**

Great care has been taken to ensure the accuracy of the information in the Extended Warranty section of the Quick Reference Guide; however, the information in the American Standard Optional Extended Warranty handbook supersedes all information contained herein.



# American Standard Optional Extended Warranty Program Standard Servicer Guidelines

These guidelines should be used when submitting claims on "American Standard Extended Warranty" agreements - Standard or Labor Option #1.

1. **ALLOWABLE LABOR RATES** \_\_\_\_\_ Dealer's standard hourly rate.

2. **PARTS MARK UP ALLOWANCE** (Used for out-of-warranty parts)

\$0.01 -	4.99	=	Dealer Cost	+	\$5.00
\$5.00 -	24.99	=	Dealer Cost	x	2.0
\$25.00 -	49.99	=	Dealer Cost	x	1.7
\$50.00 -	149.99	=	Dealer Cost	x	1.6
\$150.00 -	499.99	=	Dealer Cost	x	1.5
\$500.00 -	up	=	Dealer Cost	x	1.4
Refrigerant		=	Dealer Cost	x	2.0

**IN-WARRANTY PARTS MARK UP ALLOWANCE** (Used for in-Warranty Parts, years 2-5 when equipment has 5-year parts Manufacturer's Limited Warranty. Does not apply to compressor, outdoor coil, or heat exchanger. If a non-American Standard part is purchased during the Manufacturer's Limited Warranty period, dealer will be reimbursed cost of part only, maximum \$10.00)

**Labor Option #1**

\$0.01 -	4.99	=	Dealer's Normal Purchase Price, \$5.00	
\$5.00 -	24.99	=	Dealer's Normal Purchase Price x	1.0
\$25.00 -	49.99	=	Dealer's Normal Purchase Price x	0.7
\$50.00 -	149.99	=	Dealer's Normal Purchase Price x	0.6
\$150.00 -	499.99	=	Dealer's Normal Purchase Price x	0.5
\$500.00 -	up	=	Dealer's Normal Purchase Price x	0.4

3. **REPAIR/REPLACE TIME** — The hours provided below constitute the maximum number of hours that may be claimed. **If your actual repair or replacement time is less than the amounts specified below, or as described in this paragraph, your actual time must be reported.** For multiple component replacements in the same unit, each additional component may receive a maximum of 0.5 hours. For any component not listed, it may receive a maximum of 0.5 hours. If your actual repair or replacement time is greater than the amounts specified below, or as described in this paragraph, and you believe that additional time is justified, please explain the circumstances of the repair or replacement in writing.

Replacement or Repaired Item	Max Hours Allowed	
	1-5 Tons	6 1/4 - 25 Tons
<b>Refrigerant Circuit<sup>2</sup></b>		
Refrigerant recovery (only if required) .....	1.0	2.0
Compressor replacement <sup>3</sup> .....	4.0	6.0
Condenser coil replacement .....	4.0	6.0
Evaporator coil replacement .....	4.5	6.0
Expansion valve replacement .....	3.0	4.0
Switch over valve replacement .....	3.5	4.5
Check valve replacement or service valve .....	2.0	3.0
Drier replacement .....	1.0	1.0
Schrader core .....	0.5	0.5
Tighten valves (caps, cores, rotolocks) .....	0.5	0.5
Repairable leak in fitting, etc. (Braze required, explain work done) .....	2.0	3.0
<b>Electrical Controls</b>		
Any component replacement .....	0.5	0.5
Hard start kit .....	0.5	—
Thermostat (Indoor) .....	1.0	1.0
Thermostat (Outdoor) .....	0.5	0.5
Crankcase heater replacement .....	0.5	0.5
<b>Condenser Fan Assemblies</b>		
Fan blade replacement .....	0.5	0.5
Motor replacement (includes fan blade, capacitor) .....	1.5	1.5
<b>Evaporator Fan Assembly</b>		
Blower wheel replacement .....	1.0	1.0
Motor replacement (includes blower wheel, capacitor) .....	1.5	1.5
Replace module (includes motor) .....	1.0	1.0
Bearing replacement - each .....	0.5	0.5
Sheaves replacement - each (includes belt) .....	0.5	0.5
Belt replacement .....	0.5	0.5
Drain pan replacement .....	2.0	2.0
<b>Heating Section</b>		
Any control replacement (ignitor, sensor, ignition control, etc.) .....	0.5	0.5
Heating element replacement .....	1.0	1.0
Combustion blower replacement .....	1.0	1.0
Gas valve replacement .....	1.0	1.0
Heat exchanger replacement .....	4.0	6.0
Burners .....	1.0	1.0
<b>Economizer Section</b>		
Any control replacement .....	0.5	0.5
Actuator replacement .....	1.0	1.0
<b>Misc. Section</b>		
Solve noise complaint <sup>7</sup> .....	0.5	0.5
Diagnostic Charge <sup>1</sup> .....	0.5	0.5
Multiple Components .....	0.5	0.5

Great care has been taken to ensure the accuracy of the information in the Extended Warranty section of the Quick Reference Guide; however, the information in the American Standard Optional Extended Warranty handbook supersedes all information contained herein.

**NOTES:**

- ① Diagnostic calls will be paid only on covered repairs. (Not paid on maintenance or dirty sock)
- ② All times allowed requiring entry or repair to refrigerant circuit includes evacuation, recharge and drier change.
- ③ All times allowed for compressor replacement includes drier change, cleanup, evacuation and recharge.
- ④ Crane allowance up to \$150 or 2 hrs. at a Dealer's registered rate in lieu of crane charge is allowed on systems applied in a commercial application or if the equipment is 4 tons or greater. (Not allowed on parts only warranty.)
- ⑤ Sales tax, if applicable, will be reimbursed to the dealer.
- ⑥ All times not shown for specific tasks - Call 1-800-554-8005.
- ⑦ Noise complaint paid only when noise due to internal component failure or malfunction. Maximum time allowed is 0.5 hrs. plus the time allowed for the component replacement/repair. Explain fully.
- ⑧ Pay only one (1) man per job.
- ⑨ All invoices must be received within sixty (60) days of the repair.

**TRAVEL TIME: (Flat Rate Dealers cannot charge Travel Time)**

24 miles or less, one way - add 1/2 hour based on your established labor rate.  
25 miles or greater, one way - add 1 hour based on your established labor rate.  
Only one (1) trip charge paid per service call.

**ALL CLAIMS RELATED DECISIONS MADE BY AMERICAN STANDARD WARRANTY COMPANY ARE FINAL.**

For complete equipment / combination selections and installation instructions, please refer to Product Data and/or Installers Guides.



# American Standard Optional Extended Warranty Program Expanded Servicer Guidelines

These guidelines should be used when submitting claims on "American Standard Optional Extended Warranty" Agreements - Labor Option #2 & #3.

- 1. ALLOWABLE LABOR RATES** \_\_\_\_\_ Dealer's standard hourly rate.
- 2. PARTS MARK UP ALLOWANCE** (Used for out-of-warranty parts)

\$0.01 - 4.99	=	Dealer Cost	+	\$7.50
\$5.00 - 24.99	=	Dealer Cost	x	2.5
\$25.00 - 49.99	=	Dealer Cost	x	2.1
\$50.00 - 149.99	=	Dealer Cost	x	1.9
\$150.00 - 499.99	=	Dealer Cost	x	1.7
\$500.00 - up	=	Dealer Cost	x	1.5
Refrigerant	=	Dealer Cost	x	2.0

**IN-WARRANTY PARTS MARK UP ALLOWANCE** (Used for in-Warranty Parts, years 2-5 when equipment has 5 year parts Manufacturer's Limited Warranty. Does not apply to compressor, outdoor coil, or heat exchanger. If a non-American Standard part is purchased during the Manufacturer's Limited Warranty period, dealer will be reimbursed cost of part only, maximum \$10.00)

		<b>Labor Option #2 and #3</b>		
\$0.01 - 4.99	=	Dealer's Normal Purchase Price, \$7.50		
\$5.00 - 24.99	=	Dealer's Normal Purchase Price	x	1.5
\$25.00 - 49.99	=	Dealer's Normal Purchase Price	x	1.1
\$50.00 - 149.99	=	Dealer's Normal Purchase Price	x	0.9
\$150.00 - 499.99	=	Dealer's Normal Purchase Price	x	0.7
\$500.00 - up	=	Dealer's Normal Purchase Price	x	0.5

- 3. REPAIR/REPLACE TIME** — The hours provided below constitute the maximum number of hours that may be claimed. **If your actual repair or replacement time is less than the amounts specified below, or as described in this paragraph, your actual time must be reported.** For multiple component replacements in the same unit, each additional component may receive a maximum of 0.5 hours. For any component not listed, it may receive a maximum of 0.5 hours. If your actual repair or replacement time is greater than the amounts specified below, or as described in this paragraph, and you believe that additional time is justified, please explain the circumstances of the repair or replacement in writing.

Replacement or Repaired Item	Max Hours Allowed	
	1-5 Tons	6 1/4 - 25 Tons
<b>Refrigerant Circuit</b> <sup>②</sup>		
Refrigerant recovery (only if required) .....	1.0	2.0
Compressor replacement <sup>③</sup> .....	4.0	6.0
Condenser coil replacement .....	4.0	6.0
Evaporator coil replacement .....	4.5	6.0
Expansion valve replacement .....	3.0	4.0
Switch over valve replacement .....	3.5	4.5
Check valve replacement or service valve .....	2.0	3.0
Drier replacement .....	1.0	1.0
Schrader core .....	0.5	0.5
Tighten valves (caps, cores, rotolocks) .....	0.5	0.5
Repairable leak in fitting, etc. (brazing required explain work done) .....	2.0	3.0
<b>Electrical Controls</b>		
Any component replacement .....	0.5	0.5
Hard start kit .....	0.5	—
Thermostat (Indoor) .....	1.0	1.0
Thermostat (Outdoor) .....	0.5	0.5
Crankcase heater replacement .....	0.5	0.5
<b>Condenser Fan Assemblies</b>		
Fan blade replacement .....	0.5	0.5
Motor replacement (includes fan blade capacitor) .....	1.5	1.5
<b>Evaporator Fan Assembly</b>		
Blower wheel replacement .....	1.0	1.0
Motor replacement (includes blower wheel, capacitor) .....	1.5	1.5
Module replacement (includes motor) .....	1.0	1.0
Bearing replacement - each .....	0.5	0.5
Sheaves replacement - each (includes belt) .....	0.5	0.5
Belt replacement .....	0.5	0.5
Drain pan replacement .....	2.0	2.0
<b>Heating Section</b>		
Any control replacement (ignitor, sensor, ignition control, etc.) .....	0.5	0.5
Heating element replacement .....	1.0	1.0
Combustion blower replacement .....	1.0	1.0
Gas valve replacement .....	1.0	1.0
Heat exchanger replacement .....	4.0	6.0
Burners .....	1.0	1.0
<b>Economizer Section</b>		
Any control replacement .....	0.5	0.5
Actuator replacement .....	1.0	1.0
<b>Misc. Section</b>		
Solve noise complaint <sup>⑦</sup> .....	0.5	0.5
Diagnostic Charge <sup>①</sup> .....	0.5	0.5
Multiple Components .....	0.5	0.5

Great care has been taken to ensure the accuracy of the information in the Extended Warranty section of the Quick Reference Guide; however, the information in the American Standard Optional Extended Warranty handbook supersedes all information contained herein.

- NOTES:**
- ① Diagnostic calls will be paid only on covered repairs. (Not paid on maintenance or dirty sock)
  - ② All times allowed requiring entry or repair to refrigerant circuit includes evacuation, recharge and drier change.
  - ③ All times allowed for compressor replacement includes drier change, cleanup, evacuation and recharge.
  - ④ Crane allowance up to \$150 or 2 hrs. at a Dealer's registered rate in lieu of crane charge is allowed on systems applied in a commercial application or if the equipment is 4 tons or greater. (Not allowed on parts only warranty.)
  - ⑤ Sales tax, if applicable, will be reimbursed to the dealer.
  - ⑥ All times not shown for specific tasks - Call 1-800-554-8005.
  - ⑦ Noise complaint paid only when noise due to internal component failure or malfunction. Maximum time allowed is 0.5 hours plus the time allowed for the component replacement/repair. Explain fully.
  - ⑧ Pay only one (1) man per job.
  - ⑨ All invoices must be received within sixty (60) days of the repair.

**TRAVEL TIME (Flat Rate Dealers cannot charge Travel Time):**

Mileage (any distance) - add 1 hour based on your established labor rate.  
Two (2) trip charges are allowed for major component replacement (compressor, outdoor coil, evaporator coil, switch over valve, burners, or heat exchanger).

**ALL CLAIMS RELATED DECISIONS MADE BY AMERICAN STANDARD WARRANTY COMPANY ARE FINAL.**

For complete equipment / combination selections and installation instructions, please refer to Product Data and/or Installers Guides.

### Consumer Benefits

#### Peace of Mind

- No unexpected out-of-pocket expenses\*
- Repair/Replace option allows consumer to apply repair costs toward purchase price of new equipment
- Hedge against inflation (parts, labor and refrigerant)

#### Assurance of Commitment

- American Standard dealer assigned to their agreement has up-to-date knowledge of equipment and service techniques
- Extended Warranty is transferrable to subsequent homeowners should the original owner sell their home
- Cost effective as compared to other Extended Warranties (i.e., appliances, consumer electronics, automobiles)



### Dealer Benefits:

#### Peace of Mind

- Labor Coverage after 90th Day (lower labor reserves)
- Extended Warranty contracts assign selling dealer as servicer of record which potentially “locks in” customer for the life of the warranty
- Provides “In Warranty” parts markup (revenue opportunity)
- Additional profit opportunity by selling the Extended Warranty (gross profit becomes close to net profit)
- Repair/Replace option allows consumer to apply repair costs toward purchase price of new equipment
- Dealer provides more comprehensive coverage which improves customer satisfaction with dealer and American Standard
- Encourages the sale of Maintenance Agreements
- Commercial Product up to 25 tons can be covered up to 10 years for parts and labor
- New construction dealer can include Extended Warranties, capturing customers they normally don’t see (if agreement is put in the builder’s name, the agreement can be transferred to the new homeowner at no charge)

\*Covers labor, refrigerant, diagnostics, and parts, subject to product coverage and terms and conditions.

Great care has been taken to ensure the accuracy of the information in the Extended Warranty section of the Quick Reference Guide; however, the information in the American Standard Optional Extended Warranty handbook supersedes all information contained herein.

### Example:

#### Assumptions:

- Unit is 4 years old and an Evaporator Coil must be replaced
- Evaporator Coil is an in-warranty part that would normally cost \$500 if purchased
- Dealer has \$70/hr. labor rate (time and material, not flat rate)
- 7 lbs. of R410A needed for repair (dealer cost is \$11/lb.)



Consumer has 10-Yr. P&L, Lbr. Opt. 3 EW Pays Dealer		Consumer has No Extended Warranty Consumer Pays Dealer	Difference
Labor	Travel (2 hrs.) \$ 140.00	\$ 140.00	\$ -
	Diagnostic (.5 hrs.) \$ 35.00	\$ 35.00	\$ -
	Repair (4.5 hrs.) \$ 315.00	\$ 315.00	\$ -
	Total \$ 490.00	\$ 490.00	\$ -
Parts	Coil (.5 x normal cost) \$ 250.00	\$ - (in-warranty part)	\$ 250.00
	R410A (2 x #lbs. x dealer cost) \$ 154.00	\$ 154.00	\$ -
Total	\$ 894.00	\$ 644.00	\$ 250.00
	<b>Profit on Parts \$327.00</b>	<b>\$ 77.00</b>	<b>\$250.00</b>

- In the above example, even with a 5-year Limited Warranty on parts, the consumer still paid \$644 for a coil replacement, and you made only \$77 in profit on parts. With the Extended Warranty, the consumer pays nothing for the repair and you made an additional \$250 in profit on parts

### Selling Story:

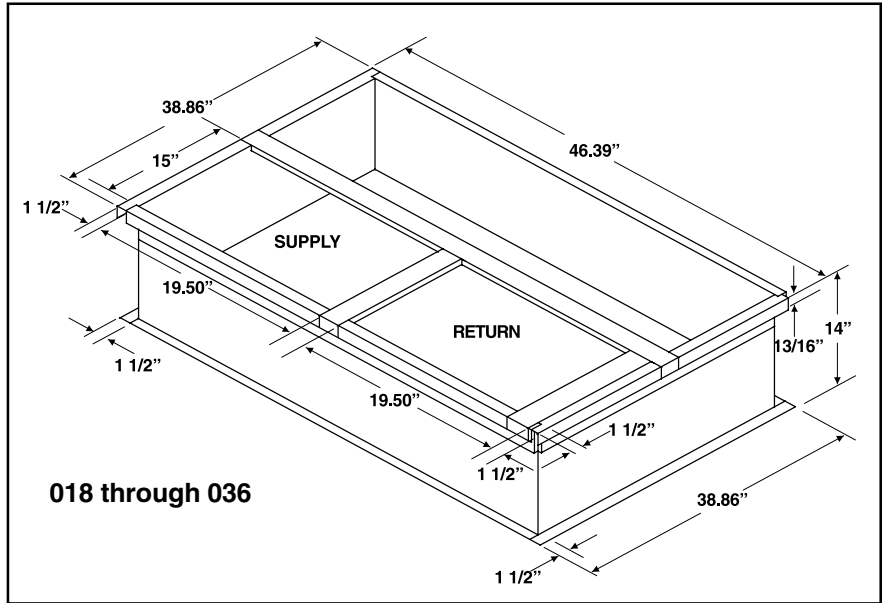
- The Extended Warranty should be offered at time of sale (can be included with financing)
- Use the Extended Warranty Sales Brochure, Pub. No. 16-1020 and the consumer benefits on the reverse side
- Point out that Limited Warranty does not cover refrigerant or labor
- If the Extended Warranty is “included” in the total proposal, it is much easier to sell
- If you are in a “regulated” state, you must provide the actual purchase price (not to be less than your actual cost) on the Extended Warranty Application. This amount will appear on the consumer’s agreement (see your Extended Warranty Handbook for more information on selling Extended Warranties in “regulated” states)



Great care has been taken to ensure the accuracy of the information in the Extended Warranty section of the Quick Reference Guide; however, the information in the American Standard Optional Extended Warranty handbook supersedes all information contained herein.

## Roof Curbs

### BAYCURB050A FULL PERIMETER ROOF MOUNTING CURB OUTLINE

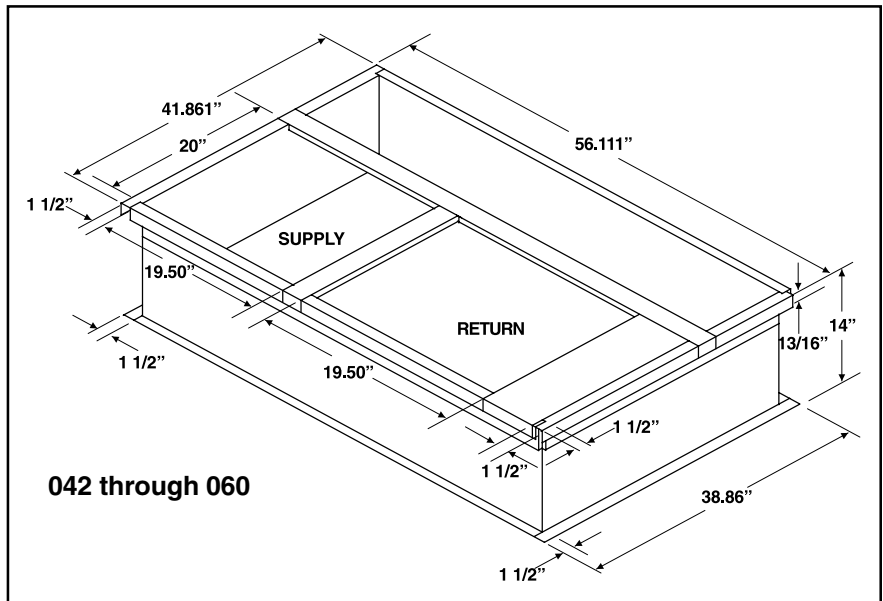


#### Full Perimeter BAYCURB050A

#### Full Perimeter BAYCURB051A

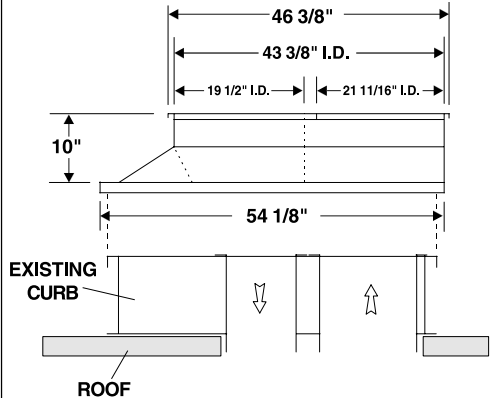
4TCC3018-036A	4TCC3042-060A
4TCX3018-036A	4TCX3042-060A
2/4WCC3018-036A	2/4WCC3042-060A
2/4WCX3018-036A	2/4WCX3042-060A
2/4YCC3018-036A	2/4YCC3042-060A
2/4YCX3018-036A	2/4YCX3042-060A

### BAYCURB051A FULL PERIMETER ROOF MOUNTING CURB OUTLINE

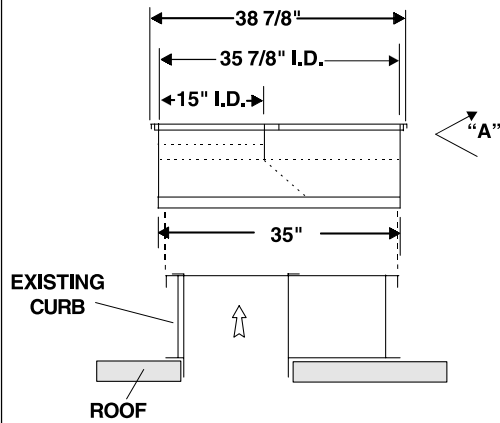


## Roofcurb Adaptors

### BAYADAP050A CURB ADAPTOR FOR \*\*\*018-36A TO EXISTING BAYCURB030 OR BAYCURB038



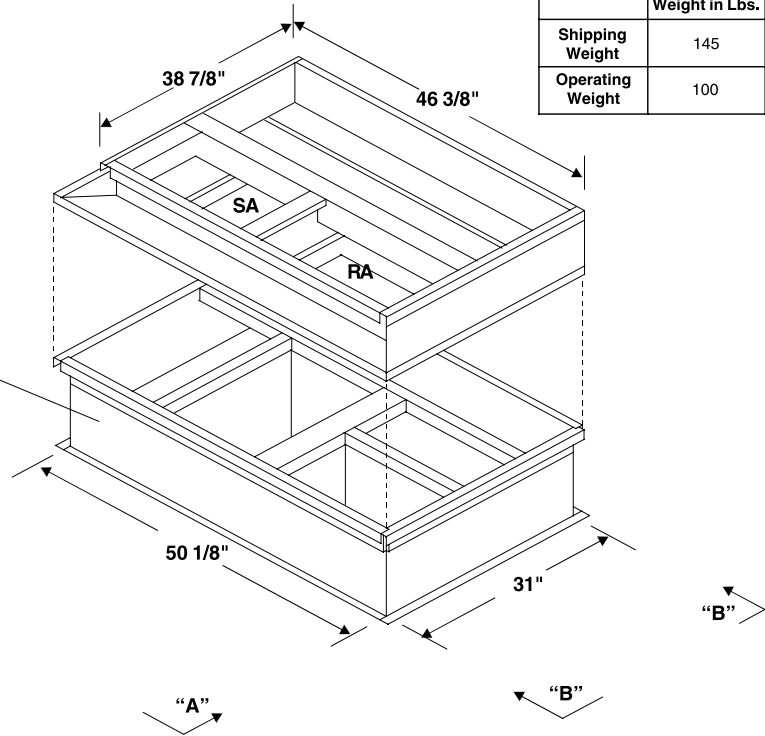
VIEW "A"- "A"



VIEW "B"- "B"

\*All 15 digit model numbers starting with 2 or 4 and YCC, YCX, TCC, TCX, WCC and WCX.

EXISTING CURB  
BAYCURB030 OR  
BAYCURB038



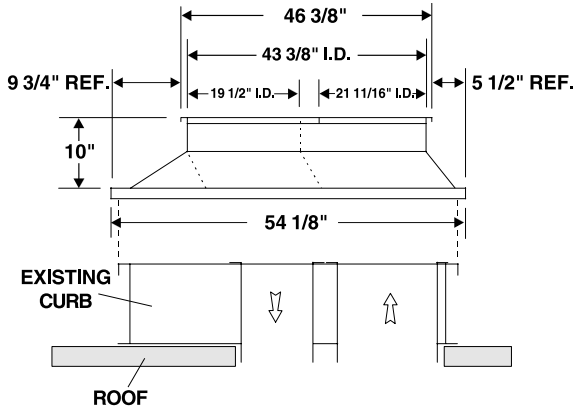
	Weight in Lbs.
Shipping Weight	145
Operating Weight	100

EXISTING CURB	NEW UNIT 2/4TC/WC/YC****A	USE BAYADAP0**A
BAYCURB030,38A	018-036	50
BAYCURB030,38A	042-060	52
BAYCURB033A	018-036	51
BAYCURB033A	042-060	53
BAYCURB034A	042-060	54

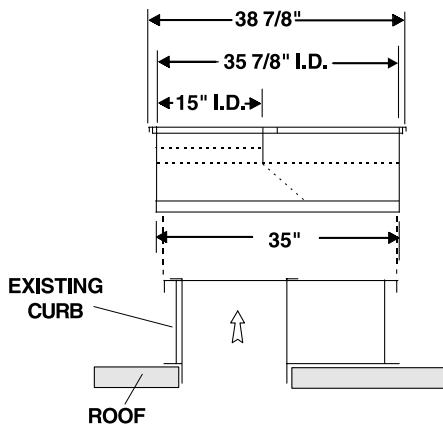


## Roofcurb Adaptors

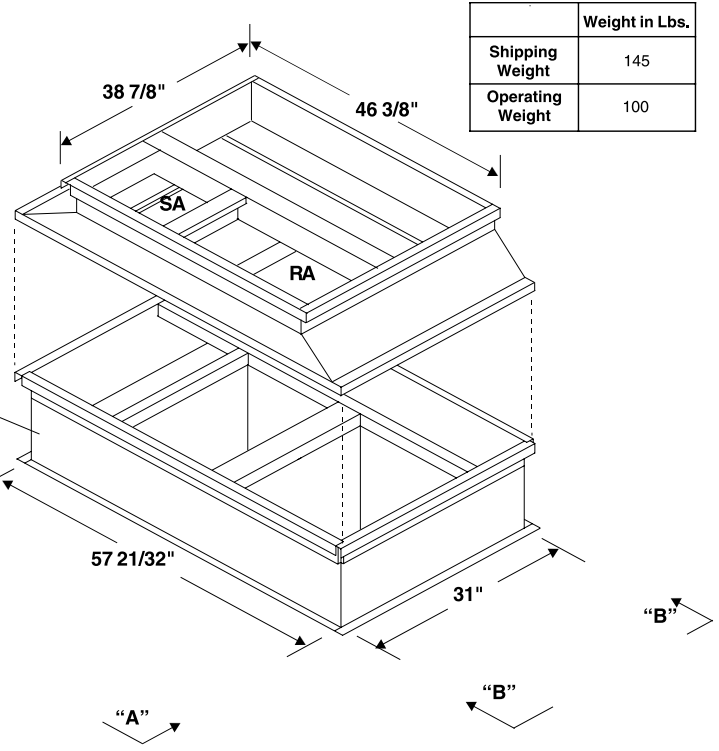
### BAYADAP051A CURB ADAPTOR FOR \*\*\*018-36A TO EXISTING BAYCURB033



VIEW "A"- "A"



VIEW "B"- "B"



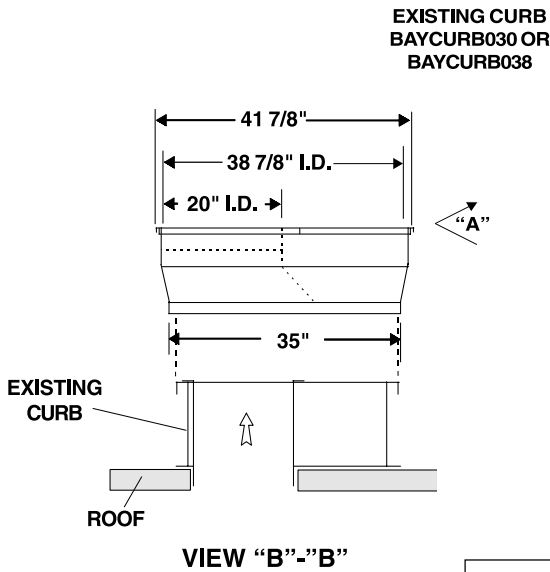
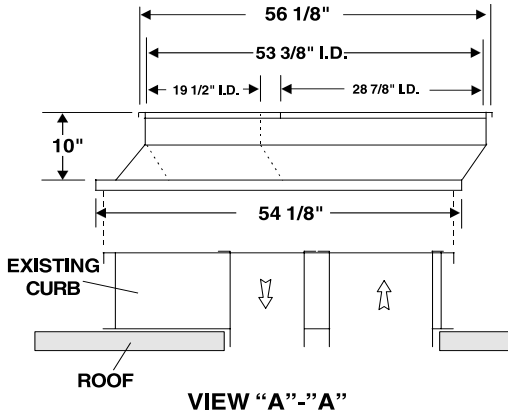
	Weight in Lbs.
Shipping Weight	145
Operating Weight	100

\*All 15 digit model numbers starting with 2 or 4 and YGC, YGX, TCC, TCX, WCC and WCX.

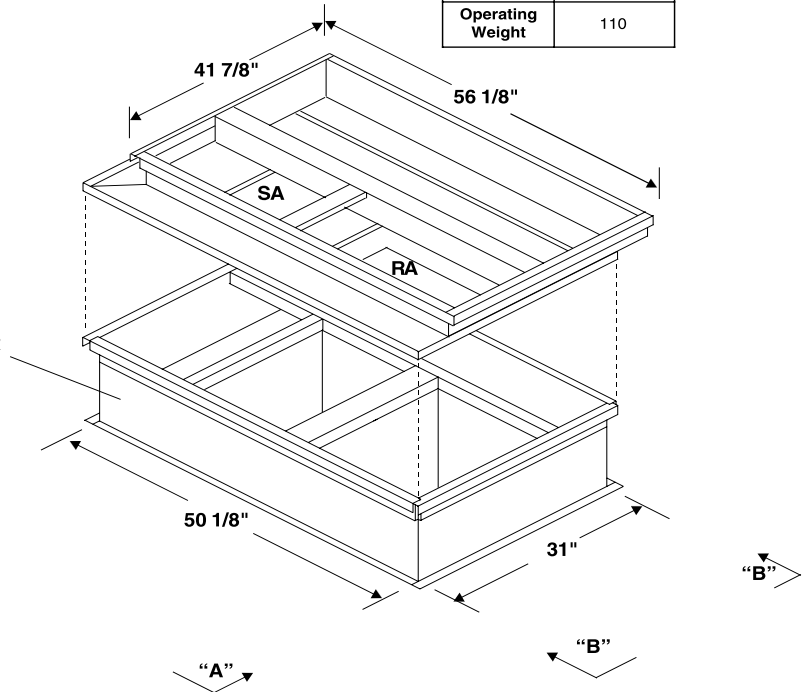
EXISTING CURB	NEW UNIT 2/4TC/WC/YC****A	USE BAYADAP0**A
BAYCURB030,38A	018-036	50
BAYCURB030,38A	042-060	52
BAYCURB033A	018-036	51
BAYCURB033A	042-060	53
BAYCURB034A	042-060	54

## Roofcurb Adaptors

BAYADAP052A CURB ADAPTOR FOR \*\*\*\*\*042-60A TO EXISTING BAYCURB030 OR BAYCURB038



	Weight in Lbs.
Shipping Weight	155
Operating Weight	110

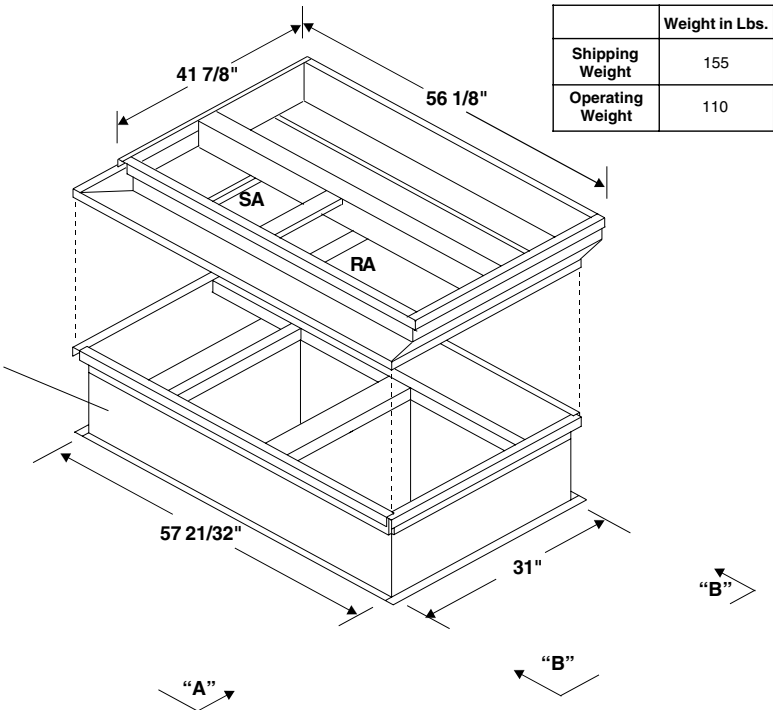
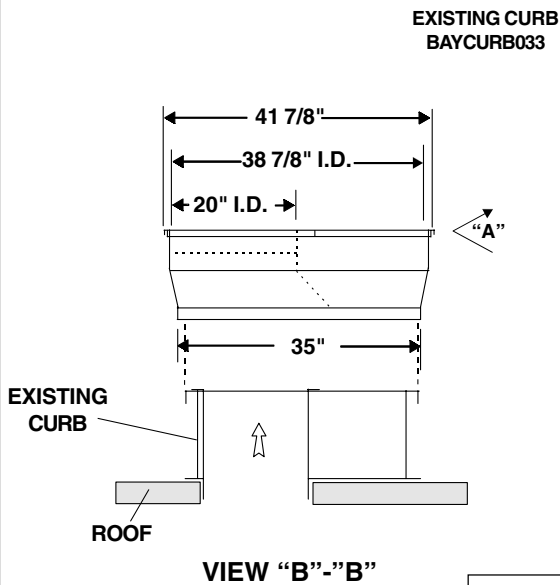
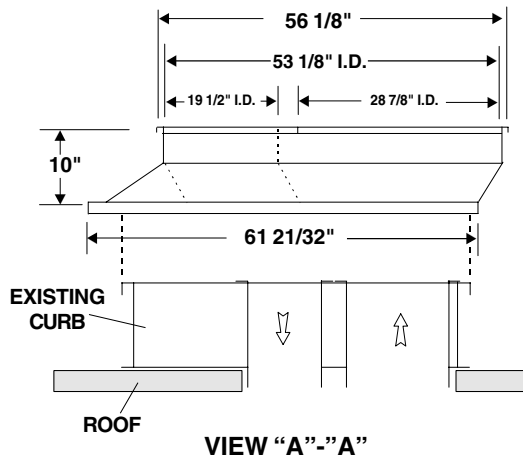


\*All 15 digit model numbers starting with 2 or 4 and YCC, YCX, TCC, TCX, WCC and WCX.

EXISTING CURB	NEW UNIT 2/4TC/WC/YC****A	USE BAYADAP0**A
BAYCURB030,38A	018-036	50
BAYCURB030,38A	042-060	52
BAYCURB033A	018-036	51
BAYCURB033A	042-060	53
BAYCURB034A	042-060	54

## Roofcurb Adaptors

BAYADAP053A CURB ADAPTOR FOR \*\*\*\*\*042-60A TO EXISTING BAYCURB030 OR BAYCURB033



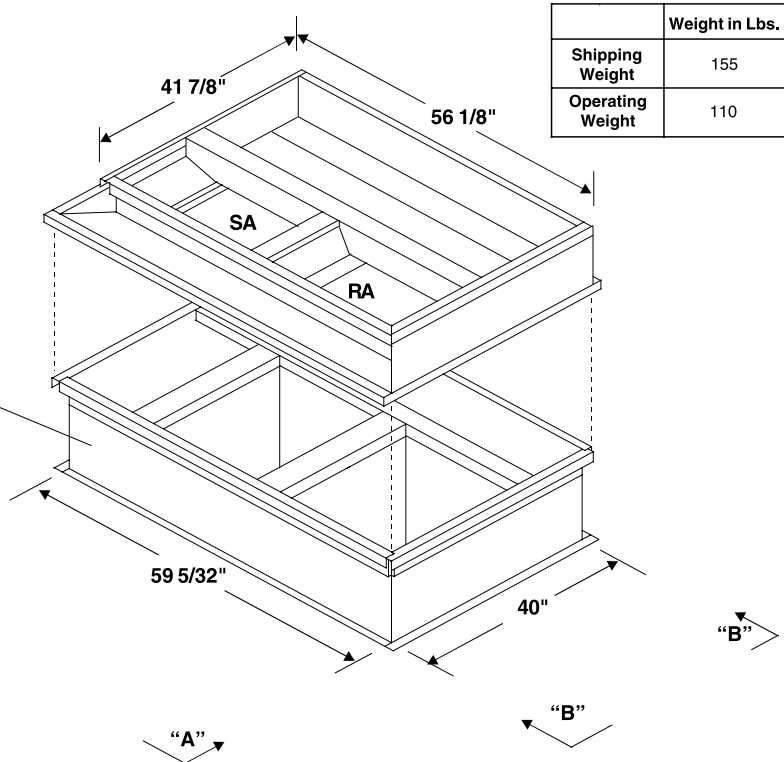
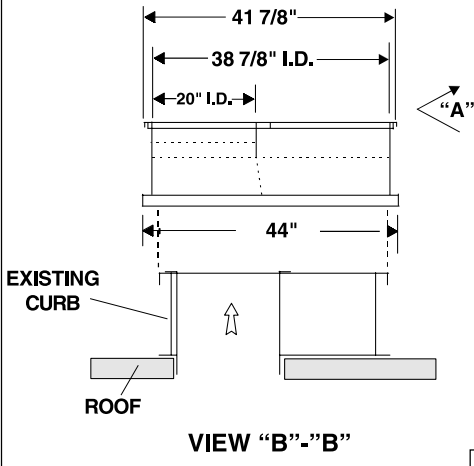
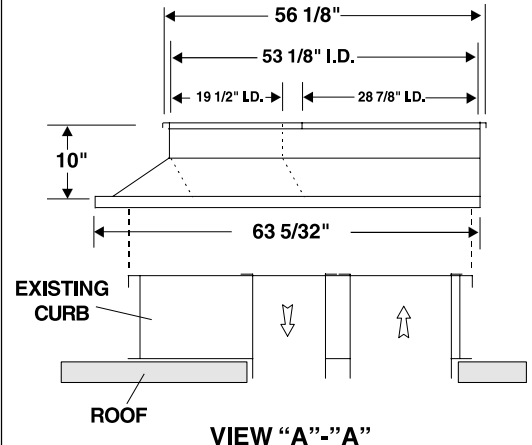
	Weight in Lbs.
Shipping Weight	155
Operating Weight	110

\*All 15 digit model numbers starting with 2 or 4 and YCC, YCX, TCC, TCX, WCC and WCX.

EXISTING CURB	NEW UNIT 2/4TC/WC/YC****A	USE BAYADAP0**A
BAYCURB030,38A	018-036	50
BAYCURB030,38A	042-060	52
BAYCURB033A	018-036	51
BAYCURB033A	042-060	53
BAYCURB034A	042-060	54

## Roofcurb Adaptors

### BAYADAP054A CURB ADAPTOR FOR \*\*\*\*\*042-60A TO EXISTING BAYCURB034



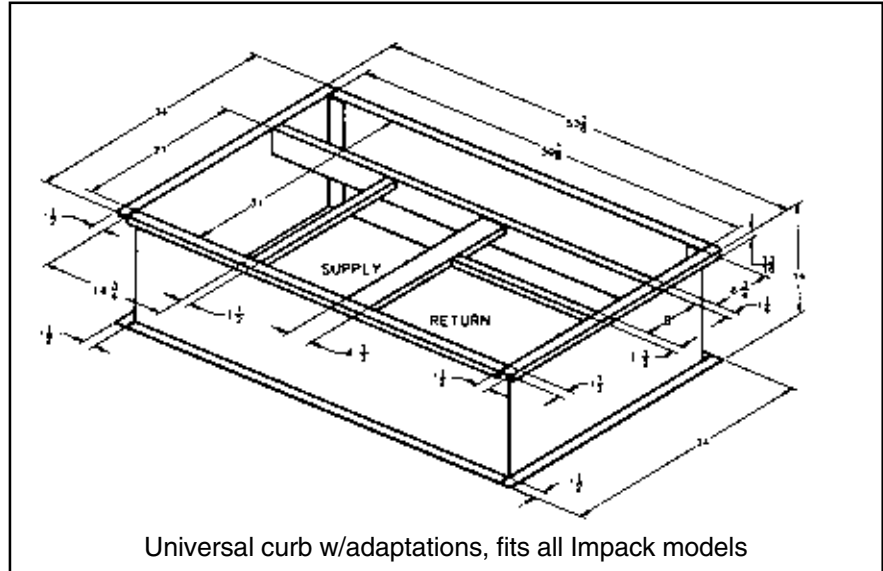
	Weight in Lbs.
Shipping Weight	155
Operating Weight	110

\*All 15 digit model numbers starting with 2 or 4 and YCC, YCX, TCC, TCX, WCC and WCX.

EXISTING CURB	NEW UNIT 2/4TC/WC/YC*****A	USE BAYADAP0**A
BAYCURB030,38A	018-036	50
BAYCURB030,38A	042-060	52
BAYCURB033A	018-036	51
BAYCURB033A	042-060	53
BAYCURB034A	042-060	54

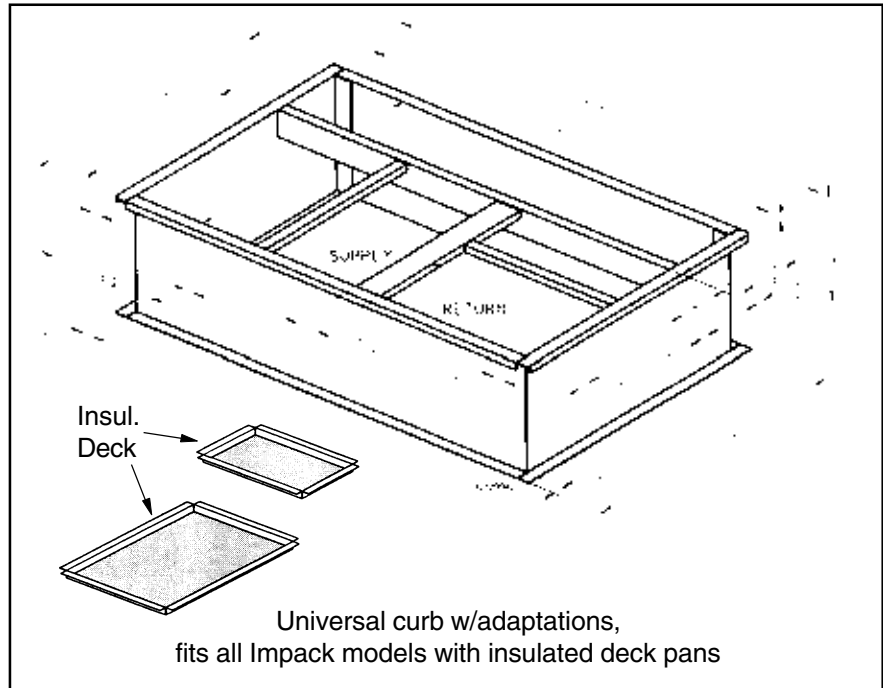
# Impact™ Roof Curbs

## BAYCURB030A UNIVERSAL ROOF MOUNTING CURB OUTLINE



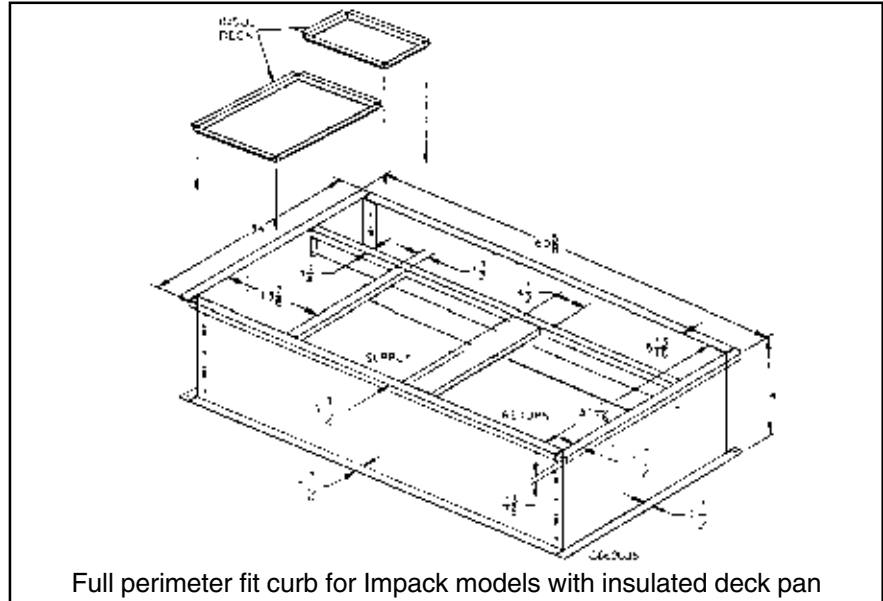
Full Perimeter BAYCURB030A			Full Perimeter BAYCURB038A		
TCC018-042	WCC018-042	YCC018-036M	TCC018-042	WCC018-042	YCC018-036M
TCP024-030	WCX024-030	YCP024-36M	TCP024-030	WCX024-030	YCP024-36M
TCX024-030	WCY024-030	YCX024-036M	TCX024-030	WCY024-030	YCX024-036M
TCY024-030			TCY024-030		

## BAYCURB038A UNIVERSAL ROOF MOUNTING CURB OUTLINE



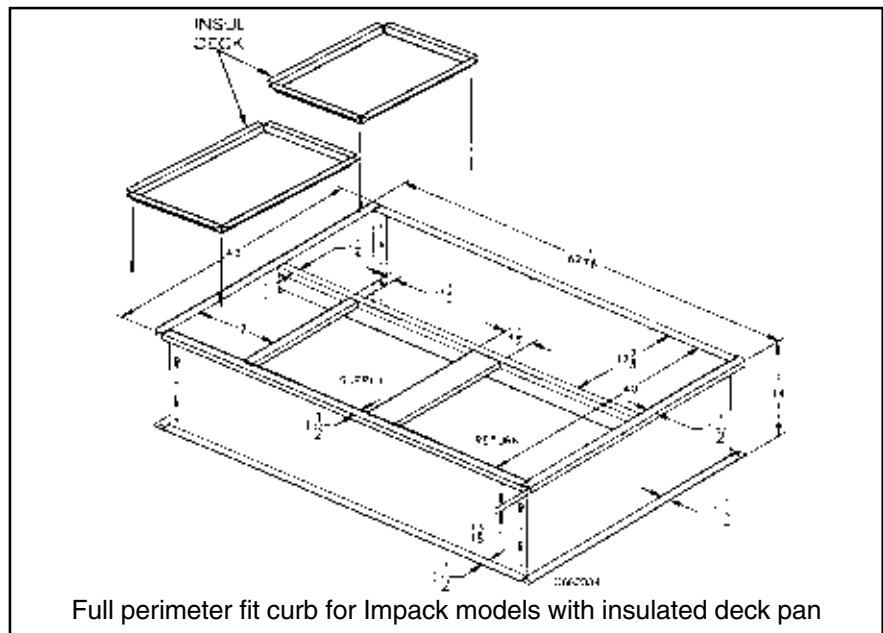
## Impact™ Roof Curbs

### BAYCURB033A ROOF MOUNTING CURB OUTLINE



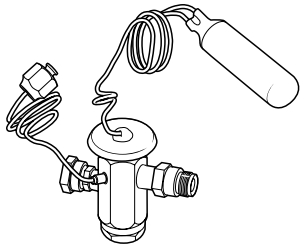
Full Perimeter BAYCURB033A			Full Perimeter BAYCURB034A		
TCP036-042F	WCP036	YCC036H,042 048M	TCC048-060	WCC048-060	YCC048H-060
TCX036-042G	WCX036-042G	YCP036H-042	TCP048-060	WCP048-060	YCP048-060
TCY036-042G	WCY036-042G	YCX036H-042	TCX048-060	WCX048-060G	YCX048-060
TCY048-060G	WCZ036	YCY024-042		WCY048-060G	YCY048-060
		YCZ036F		WCZ060F	YCZ050, 060F

### BAYCURB034A ROOF MOUNTING CURB OUTLINE SUPPLY /RETURN AIR DUCT OPENINGS





# Thermal Expansion Valves



## Expansion Valve TXV Cooling/Heat Pump Kit

### General Information

This Thermostatic Expansion Valve Kit may be used on any indoor air handler or coil that is equipped with a current thermostatic expansion valve with an internal check valve and mechanical fittings. This kit can be used on split system heat pumps and air conditioning systems.

Thermostatic Expansion Valve Kits can be field installed to fit a variety of sizes and combinations of air handlers or coils and outdoor units to optimize performance.

This TXV kit will normally be used when a different refrigerant is going to be used in the air handler or coil than what is indicated on the unit name plate. The TXV type must always match the refrigerant type used in the outdoor unit.

### Kit Identification

The first character in the kit model number indicates the type of refrigerant that the valve can be used with. Example a 2AYTXVH3D1830A is an R-22 valve.

The "3" in the eighth digit in the model number identifies the valve as a non-bleed TXV. When this TXV kit is installed with an outdoor unit that contains a reciprocating compressor, the outdoor unit must be equipped with a hard start kit if not factory installed. If the outdoor unit contains a scroll compressor, the installation of a hard start kit may be required.

### Inspection

Check carefully for any shipping damage. Any such damage must be reported and claims made against the transportation company immediately. Any missing parts should be reported to your supplier at once and replaced with authorized parts only.

**Table AC/IN-9-A Cooling/ Heat Pump Non-Bleed TXV Kits- Dual Direction Flow**

R-410 Model Number	R-22 Model Numbers	Used With 13 SEER Coils
4AYTXVH3D1831A	2AYTXVH3C1818A	2/4TXC,CXC,CXA -018
4AYTXVH3D1831A	2AYTXVH3C2425A	2/4TXC,CXC,CXA -024
4AYTXVH3D1831A	2AYTXVH3C2425A	2/4TXC,CXC,CXA -025
4AYTXVH3D1831A	2AYTXVH3C3031A	2/4TXC,CXC,CXA -030
4AYTXVH3D1831A	2AYTXVH3C3031A	2/4TXC,CXC,CXA -031
4AYTXVH3D3343A	2AYTXVH3C3337A	2/4TXC,CXC,CXA -036
4AYTXVH3D3343A	2AYTXVH3C3337A	2/4TXC,CXC,CXA -037
4AYTXVH3D3343A	2AYTXVH3C4243A	2/4TXC,CXC,CXA -042
4AYTXVH3D3343A	2AYTXVH3C4243A	2/4TXC,CXC,CXA -043
4AYTXVH3D4863A	2AYTXVH3C4850A	2/4TXC,CXC,CXA -048
4AYTXVH3D4863A	2AYTXVH3C4850A	2/4TXC,CXC,CXA -049
4AYTXVH3D4863A	2AYTXVH3C4850A	2/4TXC,CXC,CXA -050
4AYTXVH3D4863A	2AYTXVH3C5463A	2/4TXC,CXC,CXA -060
4AYTXVH3D4863A	2AYTXVH3C5463A	2/4TXC,CXC,CXA -061

**Table AC/IN-9-B Cooling/ Heat Pump Non-Bleed TXV Kits- Dual Direction Flow**

R-410 Model Number	R-22 Model Number	Used With Horizontal Flat Coils
4AYTXVH3D1831A	2AYTXVH3C1818A	2/4TXF -018
4AYTXVH3D3343A	2AYTXVH3C3337A	2/4TXF -033
4AYTXVH3D3343A	2AYTXVH3C4243A	2/4TXF -041
4AYTXVH3D4863A	2AYTXVH3C5463A	2/4TXF -054
4AYTXVH3D4863A	2AYTXVH3C5463A	2/4TXF -063

**Table AC/IN-9-C Cooling/ Heat Pump Non-Bleed TXV Kits- Dual Direction Flow**

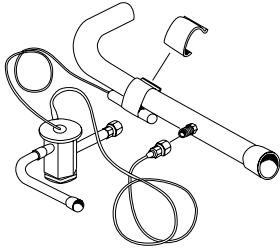
R-410 Model Number	R-22 Model Number	Used With High Efficiency Aluminum Coils
4AYTXVH3B2531A	2AYTXVH3B2531A	2/4TXC -025
4AYTXVH3B2531A	2AYTXVH3B2531A	2/4TXC -031
4AYTXVH3B3654A	2AYTXVH3B3637A	2/4TXC -036
4AYTXVH3B3654A	2AYTXVH3B3637A	2/4TXC -037
4AYTXVH3B3654A	2AYTXVH3B5454A	2/4TXC -054
4AYTXVH3B6165A	2AYTXVH3B6161A	2/4TXC -061
4AYTXVH3B6165A	2AYTXVH3B6565A	2/4TXC -065

**Table AC/IN-9-D Cooling/ Heat Pump Non-Bleed TXV Kits- Dual Direction Flow**

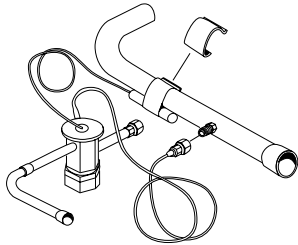
R-410 Number	R-22 Numbers	Used With Air Handlers
4AYTXVH3D1831A	2AYTXVH3D1830A	2TFB -018-030
4AYTXVH3D1831A	2AYTXVH3D1830A	2/4TFE -025
4AYTXVH3D1831A	2AYTXVH3D1830A	2/4TEC -018-030
—	2AYTXVH3D3636A	2/4TEC -036
4AYTXVH3D3642A	—	2/4TEC -036-042
—	2AYTXVH3D4260A	2/4TEC -042-060
4AYTXVH3D4863A	—	2/4TEC -048-060
4AYTXVH3D1831A	2AYTXVH3D1830A	2TEH -018-030
—	2AYTXVH3D3636A	2TEH -036
4AYTXVH3D3642A	—	2TEH -036-042
—	2AYTXVH3D4260A	2TEH -042-060
4AYTXVH3D4863A	—	2TEH -048-060
4AYTXVH3D1831A	2AYTXVH3D1830A	2TGB -018-036
4AYTXVH3D3642A	—	2TGB -042
—	2AYTXVH3D4260A	2TGB -042-048
4AYTXVH3D4863A	—	2TGB -048



## Thermal Expansion Valves



Expansion Valve TXV Cooling Kit



Expansion Valve TXV Heat Pump Kit\*

Table AC/IN-10-A — Cooling Bleed TXV Kits – Single Direction Flow

Model Number	Used With AC Units	Liquid Line Connection Dia. I.D. (In.)	Gas Line Connection Dia. I.D. (In.)	Shipping Weight (lbs.)	Refrigerant
TAYTXVA0B5C	1-1½ Ton	1/4	5/8	2	R-22
TAYTXVA0C5C	2-2½ Ton	5/16	3/4	2	R-22
TAYTXVA0E5C	3-3½ Ton	3/8	7/8	2	R-22
TAYTXVA0G5C	4 Ton	3/8	1 1/8	2	R-22
TAYTXVA0H5C	5-6 Ton	3/8	1 1/8	2	R-22

Table AC/IN-10-B — Cooling Non-Bleed TXV Kits – Single Direction Flow

Model Number	Used With AC Units	Liquid Line Connection Dia. I.D. (In.)	Gas Line Connection Dia. I.D. (In.)	Shipping Weight (lbs.)	Refrigerant
TAYTXVA0B3C	1-1½ Ton	1/4	5/8	2	R-22
TAYTXVA0C3C	2-2½ Ton	5/16	3/4	2	R-22
TAYTXVA0E3C	3-3½ Ton	3/8	7/8	2	R-22
TAYTXVA0G3C	4 Ton	3/8	1 1/8	2	R-22
TAYTXVA0H3C	5-6 Ton	3/8	1 1/8	2	R-22

Table AC/IN-10-C — Heat Pump Non-Bleed TXV Kits (also for cooling) – Dual Direction Flow

Model Number	Used With AC Units	Liquid Line Connection Dia. I.D. (In.)	Gas Line Connection Dia. I.D. (In.)	Shipping Weight (lbs.)	Refrigerant
TAYTXVH0B3C	1-1½ Ton	1/4	5/8	3	R-22
TAYTXVH0C3C	2-2½ Ton	5/16	3/4	3	R-22
TAYTXVH0E3C	3-3½ Ton	3/8	7/8	3	R-22
TAYTXVH0G3C	4 Ton	3/8	1 1/8	3	R-22
TAYTXVH0H3C	5-6 Ton	3/8	1 1/8	3	R-22

Table AC/IN-10-D — Cooling/Heat Pump Non-Bleed TXV Kits - Dual Direction Flow\*

Model Number	Used With AC Units	Liquid Line Connection Dia. I.D. (In.)	Gas Line Connection Dia. I.D. (In.)	Shipping Weight (lbs.)	Refrigerant
TAYTXVH0D3C	2½ -3 Ton	3/8	1 1/8	2	R-22
TAYTXVH0G3C	4 -5 Ton	3/8	1 1/8	2	R-22

\* Used with TXH coils only where approved for use with 2 compressor systems.



# Refrigerant Line Sets

Table AC/IN-11-A — Refrigerant Line Sets

Model Number	Gas Line <sup>②③</sup> Dia. O.D.	Liquid Line Dia. O.D.	Length	Tonnages/W R-22	Tonnages/W R-410A	Shipping Weight
TAYREFLN125	5/8	1/4	25	1 & 1 1/2		13
TAYREFLN130	5/8	1/4	30	1 & 1 1/2		15
TAYREFLN140	5/8	1/4	40	1 & 1 1/2		20
TAYREFLN150	5/8	1/4	50	1 & 1 1/2		28
TAYREFLN225	3/4	5/16	25	2 & 2 1/2	2 1/2	15
TAYREFLN230	3/4	5/16	30	2 & 2 1/2	2 1/2	18
TAYREFLN240	3/4	5/16	40	2 & 2 1/2	2 1/2	23
TAYREFLN250	3/4	5/16	50	2 & 2 1/2	2 1/2	32
TAYREFLN325	7/8	3/8	25	3 & 3 1/2	4 & 5	20
TAYREFLN330	7/8	3/8	30	3 & 3 1/2	4 & 5	24
TAYREFLN340	7/8	3/8	40	3 & 3 1/2	4 & 5	30
TAYREFLN350	7/8	3/8	50	3 & 3 1/2	4 & 5	39
TAYREFLN425	1 1/8 <sup>①</sup>	3/8	25	4, 5, & 6		20
TAYREFLN430	1 1/8 <sup>①</sup>	3/8	30	4, 5, & 6		24
TAYREFLN440	1 1/8 <sup>①</sup>	3/8	40	4, 5, & 6		30
TAYREFLN450	1 1/8 <sup>①</sup>	3/8	50	4, 5, & 6		39
TAYREFLN550	1/2	1/4	50		1 & 1 1/2	26
TAYREFLN625	5/8	5/16	25		2	15
TAYREFLN630	5/8	5/16	30		2	17
TAYREFLN640	5/8	5/16	40		2	22
TAYREFLN650	5/8	5/16	50		2	29
TAYREFLN725	3/4	3/8	25		3 & 3 1/2	19
TAYREFLN730	3/4	3/8	30		3 & 3 1/2	22
TAYREFLN740	3/4	3/8	40		3 & 3 1/2	28
TAYREFLN750	3/4	3/8	50		3 & 3 1/2	35

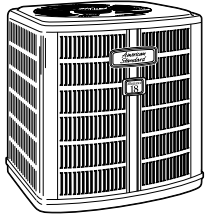
① Gas line is 7/8 O.D. but expanded out to 1-1/8 on the ends.

② Gas line 90° bend one end.

③ Gas line insulation 1/2" thickness.

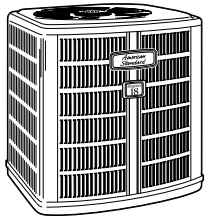
Note: Contains a holding charge of Nitrogen.

## Base Pan Sizes



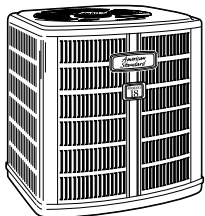
**Table AC/IN-12-A — Base Pan 4**

41 X 37 X 34		37 X 37 X 34		33 X 37 X 34	
Cooling Models	Heat Pump Models	Cooling Models	Heat Pump Models	Cooling Models	Heat Pump Models
2A7A2060B	2A6H2060A	2A7A4042B	2A6H3036A	2A7A3042A	2A6H1060A
2A7A3048A	2A6H3042A	2A7A5024B	2A6H4036B	4A7A2060B	2A6H4030B
2A7A3060A	2A6H3048A	2A7A5030B	4A6H4036B	4A7A6036B	4A6H2048A
2A7A4048B	2A6H3060A	4A7A4042B	4A6H6036B		
2A7A4060B	2A6H4042B				
2A7A5036B	2A6H4048B				
2A7A5042B	2A6H4060B				
2A7A5048B	2A6H8030B				
2A7A8030B	2A6H5024A				
2A7A8036B	2A6H5030A				
2A7A8048B	2A6H5036A				
2A7A8060B	2A6H5042A				
4A7A4048B	2A6H5048A				
4A7A4060B	2A6H8036B				
4A7A4060C	2A6H8048B				
4A7A6048B	2A6H8060B				
4A7A6060B	4A6H2060A				
	4A6H4030B				
	4A6H4042B				
	4A6H4048B				
	4A6H4060B				
	4A6H6048B				
	4A6H6060B				



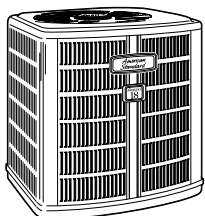
**Table AC/IN-12-B — Base Pan 3**

41 X 33 X 30		37 X 33 X 30		33 X 33 X 30	
Cooling Models	Heat Pump Models	Cooling Models	Heat Pump Models	Cooling Models	Heat Pump Models
4A7A2048A	4A6H2036A	2A7A1060A	2A6H2048A	2A7A2042B	2A6H1042A
	4A6H2042A	2A7A2048A	2A6H3030A	2A7A3030A	2A6H1048A
		2A7A4036B	2A6H4024B	2A7A3036A	2A6H2036A
		4A7A4036B	4A6H6024B	2A7A4018B	2A6H2042A
		4A7A6024B		2A7A4024B	2A6H4018B
				2A7A4030B	4A6H2018A
				4A7A2018A	4A6H2024A
				4A7A2024A	4A6H2030A
				4A7A2030A	4A6H4018B
				4A7A2036A	4A6H4024B
				4A7A4018B	
				4A7A4024B	
				4A7A4030B	



**Table AC/IN-12-C — Base Pan 2**

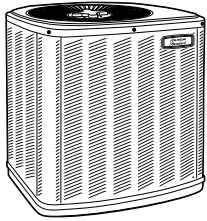
33 X 29 X 26		29 X 29 X 26		26 X 29 X 26	
Cooling Models	Heat Pump Models	Cooling Models	Heat Pump Models	Cooling Models	Heat Pump Models
2A7A2036A	2A6H3018A	2A7A1042A	2A6H1030A	2A7A1030A	2A6H1018A
2A7A3024A	2A6H3024A	2A7A1048A	2A6H1036A	2A7A1036A	2A6H1024A
		2A7A2024A	2A6H2024A	2A7A2018A	2A6H2018A
		2A7A2030A	2A6H2030B	2A7A3018A	



**Table AC/IN-12-D — Base Pan 1**

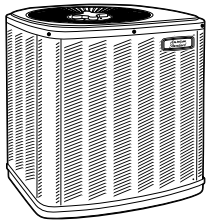
26 X 20 X 19	
Cooling Models	Heat Pump Models
2A7A1018A	
2A7A1024A	

## Base Pan Sizes



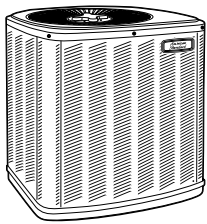
**Table AC/IN-13-A — Base Pan 4**

41 X 37 X 34		37 X 37 X 34		33 X 37 X 34	
Cooling Models	Heat Pump Models	Cooling Models	Heat Pump Models	Cooling Models	Heat Pump Models
2A7B3048A	2A6B2060A		2A6B0060A	2A7B3042A	
2A7B3060A	2A6B3042A		2A6B3036A		
	2A6B3048A		2A6M3036A		
	2A6B3060A				
	2A6M3042A				
	2A6M3048A				
	2A6M3060A				



**Table AC/IN-13-B — Base Pan 3**

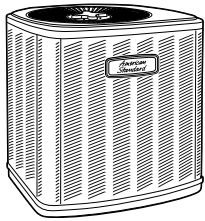
37 X 33 X 30		33 X 33 X 30			
Cooling Models	Heat Pump Models	Cooling Models	Heat Pump Models		
2A7B2048A	2A6B2048A	2A7B0060A	2A6B0042A		
2A7B2060A	2A6B3030A	2A7B0760A	2A6B0048A		
	2A6M3030A	2A7B2042A	2A6B2036A		
		2A7B3030A	2A6B2042A		
		2A7B3036A			



**Table AC/IN-13-C — Base Pan 2**

33 X 29 X 26		29 X 29 X 26		26 X 29 X 26	
Cooling Models	Heat Pump Models	Cooling Models	Heat Pump Models	Cooling Models	Heat Pump Models
2A7B2036A	2A6B3018A	2A7B0042A	2A6B0030A	2A7B0030A	2A6B0012A
2A7B3024A	2A6B3024A	2A7B0048A	2A6B0036A	2A7B0036A	2A6B0018A
	2A6M3018A	2A7B0742A	2A6B2024A	2A7B0730A	2A6B0024A
	2A6M3024A	2A7B0748A	2A6B2030A	2A7B0736A	2A6B2018A
		2A7B2024A		2A7B2018A	
		2A7B2030A		2A7B3018A	

## Base Pan Sizes



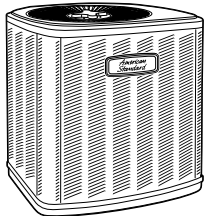
**Table AC/IN-14-A — Base Pan 4**

41 X 37 X 34		33 X 37 X 34		
Cooling Models	Heat Pump Models	Cooling Models	Heat Pump Models	
2A7C0072A	2A6C0072A	2A7A3042A	2A6C0060A	
2A7A3048A	2A6C2060A		2A6C3036A	
2A7A3060A	2A6C3042A			
	2A6C3048A			
	2A6C3060A			



**Table AC/IN-14-B — Base Pan 3**

37 X 33 X 30		33 X 33 X 30		
Cooling Models	Heat Pump Models	Cooling Models	Heat Pump Models	
2A7C2048A	2A6C2048A	2A7C0060A	2A6C0042A	
2A7C2060A	2A6C3030A	2A7C2042B	2A6C0048A	
		2A7C3030A	2A6C2036A	
		2A7C3036A	2A6C2042A	



**Table AC/IN-14-C — Base Pan 2**

33 X 29 X 26		29 X 29 X 26		26 X 29 X 26	
Cooling Models	Heat Pump Models	Cooling Models	Heat Pump Models	Cooling Models	Heat Pump Models
2A7C2036A		2A7C0042A	2A6C0030A	2A7C0030A	
		2A7C0048A	2A6C0036A	2A7C0036A	
		2A7C2030A	2A6C2030A		



# Equipment Date Identification

The nine digit serial numbers on all American Standard central air conditioning and heating products are employed to identify the year and fiscal week of product manufacture.

Year of manufacture ..... First digit ..... **M**124X04CF  
 Fiscal week of manufacture ..... Second and third digit ..... M**12**4X04CF  
 Day of week of manufacture ..... Fourth digit ..... M124**X**04CF  
 Consecutive order of production ..... Last Five digits ..... M124**X04CF**

**Exception** – Accessories are an exception to the nine digit serial number assignment and may have only three digits to indicate date code.  
 Coils which have only three digits to indicate date code are an exception to the nine digit serial number assignment.

## YEAR DESIGNATIONS FROM 1980

Year	Residential, ID & OD <sup>①</sup> Light Commercial Products & Compressors	Ducane Oil <sup>①</sup> Horizontal Gas Furnaces <sup>②</sup>	Year	Residential, ID & OD <sup>①</sup> Light Commercial Products & Compressors	Ducane Oil <sup>①</sup> Horizontal Gas Furnaces <sup>②</sup>
1980	O,A	L	1995	K	95
1981	T	M	1996	L	96
1982	U	N	1997	M	97
1983	W	P	1998	N	98
1984	X	Q	1999	P	99
1985	Y	85	2000	R	—
1986	S	86	2001	Z	—
1987	B	87	2002	2	—
1988	C	88	2003	3	—
1989	D	89	2004	4	—
1990	E	90	2005	5	—
1991	F	91	2006	6	—
1992	G	92	2007	7	—
1993	H	93	2008	8	—
1994	J	94	2009	9	—

① Beginning with 1/1/96 (L01) Ducane oil furnace production uses same date code method as gas furnace. Prior to 1/1/96 Ducane serial number used last four digits = date code, example HA1234569540 1995, 40th week.

Example: 123456-**8 5 4 0**  
 Year of manufacture \_\_\_\_\_ Fiscal week of manufacture \_\_\_\_\_

② Dedicated horizontal gas furnaces, production ceased after introduction of convertible furnaces.



# Refrigerant HCFC 22 (R-22)

**Tables contain no allowances for vertical lift!**

**Table AC/IN-16-A — Allowable Suction Line Diameters and Capacities (R-22)**

Nom. Tons	Tube Size (In.)	Nominal Capacity (25 Ft)	Pressure Drop per 100 Ft	Net Capacity For Equivalent Length								
				40	60	80	100	120	140	160	180	200
1.0	1/2	14685	11.7	14425	14080	13735	*13390	*13045	----	----	----	----
	5/8	15000	3.3	14925	14825	14725	14625	14525	14425	14325	14255	14125
1.5	5/8	18000	4.7	17875	17705	17535	17365	17195	17025	16855	16685	16515
	3/4	19305	1.8	19255	19185	19115	19045	18975	18905	18835	18765	18695
2.0	5/8	23695	8.1	23405	23020	22635	22250	21865	*21480	*21095	*20710	----
	3/4	24000	3.0	23795	23745	23600	23455	23310	23165	23020	22875	22730
	7/8	24100	1.3	24055	23990	23925	23860	23795	23730	23665	23600	23535
2.5	5/8	29370	12.7	28810	28665	27320	*26575	*25830	----	----	----	----
	3/4	30000	4.6	29795	29520	29245	28970	28695	28420	28145	27870	27595
	7/8	30195	2.0	30105	29985	29865	29745	29625	29505	29385	29265	29145
3.0	3/4	35670	6.5	35320	34855	34390	33925	33460	32995	32530	*32065	*31600
	7/8	36000	2.8	35850	35650	35456	35250	35050	34850	34650	34450	34250
3.5	3/4	41475	8.8	40930	40200	39470	38740	38010	*37280	*36550	*35820	----
	7/8	42000	3.8	41760	41440	41120	40800	40480	40160	39840	39520	39200
	1 1/8	42295	1.0	42230	42145	42060	41975	41890	41805	41720	41636	41550
4.0	7/8	47570	4.9	47220	46755	46290	45825	45360	44895	44430	43965	43500
	1 1/8	48000	1.3	47905	47780	47655	47530	47405	47280	47155	47030	46905
5.0	7/8	59175	7.5	58510	57620	56730	55840	54950	54060	*53170	*52280	*51390
	1 1/8	60000	2.0	59820	59580	59340	59100	58860	58620	58380	58140	57900
	1 3/8	60195	.7	60130	60045	59960	59875	59790	59705	59620	59535	59450
6.0	1 1/8	72000	2.8	71700	71295	70890	70485	70080	69675	69270	68865	68460
	1 3/8	72325	1.0	72215	72070	71925	71780	71635	71490	71345	71200	71055

Note 1: \* indicates values more than 10% capacity loss.  
 Note 2: --- indicates values more than 15% capacity loss.

**Table AC/IN-16-B — Liquid Line Selection Table for R-22 Systems**

TUBE OD	Rated BTUH	Pressure Drop ( PSI ) For Total Equivalent Length									
		20	40	60	80	100	120	140	160	180	200
1/4"	15000	4.3	8.7	13.0	17.4	21.7	26.0	30.4	34.7	----	----
	18000	6.0	12.0	18.1	24.1	30.1	----	----	----	----	----
	24000	10.2	20.3	30.5	----	----	----	----	----	----	----
5/16"	15000	1.1	2.3	3.4	4.6	5.7	6.8	8.0	9.1	10.3	11.4
	18000	1.6	3.2	4.7	6.3	7.9	9.5	11.1	12.6	14.2	15.8
	24000	2.7	5.3	8.0	10.6	13.3	16.0	18.6	21.3	23.9	26.6
	30000	4.0	8.0	11.9	15.9	19.9	23.9	27.9	31.8	----	----
	36000	5.5	11.1	16.6	22.2	27.7	33.2	----	----	----	----
	42000	7.3	14.6	22.0	29.3	----	----	----	----	----	----
3/8"	18000	.6	1.1	1.7	2.2	2.8	3.4	3.9	4.5	5.0	5.6
	24000	.9	1.9	2.8	3.8	4.7	5.6	6.6	7.5	8.5	9.4
	30000	1.4	2.8	4.2	5.6	7.0	8.4	9.8	11.2	12.6	14.0
	36000	1.9	3.9	5.8	7.8	9.7	11.6	13.6	15.5	17.5	19.4
	42000	2.6	5.1	7.7	10.2	12.8	15.4	17.9	20.5	23.0	25.6
	48000	3.3	6.5	9.8	13.0	16.3	19.6	22.8	26.1	29.3	32.6
	60000	4.9	9.8	14.7	19.6	24.5	29.4	34.3	----	----	----
	72000	6.8	13.7	20.5	27.4	34.2	----	----	----	----	----
1/2"	36000	.4	.8	1.2	1.6	2.0	2.4	2.8	3.2	3.6	4.0
	42000	.5	1.0	1.6	2.1	2.6	3.1	3.6	4.2	4.7	5.2
	48000	.7	1.3	2.0	2.6	3.3	4.0	4.6	5.3	5.9	6.6
	60000	1.0	2.0	3.0	4.0	5.0	6.0	7.0	8.0	9.0	10.0
	72000	1.4	2.8	4.1	5.5	6.9	8.3	9.7	11.0	12.4	13.8

**Refrigerant Line Limits**

1. Do not use traps.
2. The suction line diameter must be one of the sizes listed.
3. Use the recommended liquid line size unless the total pressure drop (friction loss plus liquid lift) exceeds: 35 PSI.
4. Refer to 7½ - 20 ton section to determine appropriate refrigerant line size for 7½, 10, 12½, 15 and 20 ton split systems.
5. 2A7A8/2A6H8 - Max length = 80 - of that max length, 25 feet may be vertical.

**This page contains limited data for an unskilled user to fully determine if the application will work or to select required accessories. Please refer to publication #14-4050-01 for complete details and examples.**





# Refrigerant HFC 410A (R-410A)

## Tables contain no allowances for vertical lift!

Table AC/IN-17-A — A-R (R-410A)

Tube O.D.	Rated BTUH	Pressure Drop (PSI) For Total Equivalent Length											
		20'	40'	60'	80'	100'	120'	140'	160'	180'	200'	220'	240'
1/4"	15000	4.5	9.0	13.6	18.1	22.6	27.1	31.6	36.2	40.7	45.2	49.7	—
	18000	6.3	12.6	18.8	25.1	31.4	37.7	44.0	—	—	—	—	—
5/16"	15000	1.2	2.4	3.5	4.7	5.9	7.1	8.3	9.4	10.6	11.8	13.0	14.2
	18000	1.6	3.3	4.9	6.6	8.2	9.8	11.5	13.1	14.8	16.4	18.0	19.7
	24000	2.8	5.5	8.3	11.0	13.8	16.6	19.3	22.1	24.8	27.6	30.4	33.1
	30000	4.1	8.3	12.4	16.6	20.7	24.8	29.0	33.1	37.3	41.4	45.5	49.7
	36000	5.8	11.6	17.3	23.1	28.9	34.7	40.5	46.2	—	—	—	—
	42000	7.7	15.4	23.0	30.7	38.4	46.1	—	—	—	—	—	—
3/8"	24000	1.0	1.9	2.9	3.8	4.8	5.8	6.7	7.7	8.6	9.6	10.6	11.5
	30000	1.4	2.9	4.3	5.8	7.2	8.6	10.1	11.5	13.0	14.4	15.8	17.3
	36000	2.0	4.0	6.1	8.1	10.1	12.1	14.1	16.2	18.2	20.2	22.2	24.2
	42000	2.7	5.3	8.0	10.6	13.3	16.0	18.6	21.3	23.9	26.6	29.3	31.9
	48000	3.4	6.8	10.2	13.6	17.0	20.4	23.8	27.2	30.6	34.0	37.4	40.8
	60000	5.1	10.3	15.4	20.6	25.7	30.8	36.0	41.1	46.3	—	—	—
1/2"	42000	.5	1.1	1.6	2.2	2.7	3.2	3.8	4.3	4.9	5.4	5.9	6.5
	48000	.7	1.4	2.0	2.7	3.4	4.1	4.8	5.4	6.1	6.8	7.5	8.2
	60000	1.0	2.1	3.1	4.2	5.2	6.2	7.3	8.3	9.4	10.4	11.4	12.5
	72000	1.4	2.9	4.3	5.8	7.2	8.6	10.1	11.5	13.0	14.4	15.8	17.3

Note 1: A blank space indicates a pressure drop of over than 50 PSI.

Note 2: Other existing sources of pressure drop such as (solenoid valves, etc.) must be considered.

Note 3: A vertical run with a heat pump system always results in a liquid lift (heating or cooling).

Note 4: The smallest liquid line diameter that results in a total liquid line pressure drop of 50 PSI or less results in the most reliable system (fewer pounds of R-410A).

Table AC/IN-17-B — B-R (R-410A Refrigerant)

### Allowable Suction Line Diameters and BTUH Loss (R-410A)

Nominal Tons	Tube O.D. (Inches)	Press. Drop PSI/100 Ft.	BTUH Loss For Equivalent Length										
			40'	60'	80'	100'	120'	140'	160'	180'	200'	220'	240'
1.0	1/2*	5.0	70	160	250	340	430	520	610	700	790	880	970
	5/8	1.5	20	50	73	100	130	155	180	210	235	265	290
1.5	1/2*	10.8	173	410	640	875	1110	1340	1575	1810	2040	2275	2510
	5/8	3.1	50	120	185	250	320	385	450	520	585	655	720
	3/4	1.2	20	45	70	95	125	150	175	200	225	255	280
2.0	5/8*	5.4	115	270	430	585	740	895	1050	1205	1360	1515	1670
	3/4	2.0	45	100	160	215	275	330	390	445	505	560	620
	7/8	.9	20	45	70	95	125	150	175	200	225	255	280
2.5	5/8*	8.2	220	515	810	1110	1400	1695	1990	2290	2585	2880	3175
	3/4	3.0	80	190	295	405	515	620	730	840	945	1055	1160
	7/8	1.3	35	80	130	175	220	270	315	365	410	455	505
3.0	5/8	11.7	380	885	1390	1895	2400	2905	3410	3915	4425	4930	—
	3/4*	4.3	140	325	510	700	880	1070	1255	1440	1625	1810	2000
	7/8	1.9	60	145	225	310	390	470	555	635	720	800	880
3.5	3/4*	5.8	220	510	805	1095	1390	1680	1975	2265	2560	2850	3140
	7/8	2.5	95	220	345	475	600	725	850	975	1105	1230	1355
4.0	3/4	7.4	320	745	1170	1600	2025	2450	2875	3305	3730	4155	4580
	7/8*	3.2	140	325	510	690	875	1060	1245	1430	1615	1795	1980
	1-1/8	.9	40	90	145	195	245	300	350	400	455	505	555
5.0	3/4	11.5	620	1450	2280	3105	3935	4760	5590	6415	7245	8073	8900
	7/8*	4.9	265	615	970	1325	1675	2030	2380	2735	3080	3440	3795
	1-1/8	1.3	70	165	255	350	445	540	630	725	820	915	1005
6.0	3/4	16.5	1070	2495	3920	5345	6770	8195	9625	—	—	—	—
	7/8	7.0	455	1060	1665	2270	2875	3480	4080	4685	5290	5895	6500
	1-1/8	1.8	115	270	430	585	740	895	1050	1205	1360	1515	1670

Note \* Rated tube size.

Note 1: Shaded value indicates more than 10% capacity loss.

Note 2: Blank space indicates more than 15% capacity loss.

**Refrigerant Line Limits**

- Do not use traps.
- The suction line diameter must be one of the sizes listed. Use the actual tonnage of the system in selecting line sizes.
- Use the recommended liquid line size unless the total pressure drop (friction loss plus liquid lift) exceeds: 50 PSI.
- 4A7A6/4A6H6 - Max length = 80 - of that max length, 25 feet may be vertical.

For complete equipment / combination selections and installation instructions, please refer to Product Data and/or Installers Guides.

**This page contains limited data for an unskilled user to fully determine if the application will work or to select required accessories. Please refer to publication #14-4050-01 for complete details and examples.**

Project \_\_\_\_\_ Outdoor Model \_\_\_\_\_  
 Address \_\_\_\_\_ Indoor Model \_\_\_\_\_  
 \_\_\_\_\_ A.R.I. Capacity \_\_\_\_\_  
 Cooling                       Heat Pump

**Linear Piping Runs**  
 Horizontal Lengths \_\_\_\_\_ = \_\_\_\_\_ ft  
 Vertical Lengths \_\_\_\_\_ = \_\_\_\_\_ ft  
 For Tubing Lengths over 80ft, refer to Pub. No. 32-3009-XX                      **Total Tubing Run** = (a) \_\_\_\_\_ ft

**Fittings and Refrigerant Specialties**  
 \_\_\_\_\_ Short Elbows                      \_\_\_\_\_ 45° Elbows                      \_\_\_\_\_ Solenoid Valve  
 \_\_\_\_\_ Long Elbows                      \_\_\_\_\_ Sight Glass<sup>(1)</sup>                      \_\_\_\_\_ Filter Driers<sup>(2)</sup>  
(1)Sight glasses are not recommended on American Standard, Tyler built units. (2)Field furnished and installed in liquid line outside of unit.  
 Note: Traps are not recommended or required on suction gas risers!

Equivalent Lengths	LIQUID LINE				GAS LINE			
	Tubing Size	Fittings/Accessories Quantity	Equivalent Length	Equivalent Length Subtotals	Tubing Size	Fittings/Accessories Quantity	Equivalent Length	Equivalent Length Subtotals
_____	_____	x _____	= _____	_____	_____	x _____	= _____	_____
_____	_____	x _____	= _____	_____	_____	x _____	= _____	_____
_____	_____	x _____	= _____	_____	_____	x _____	= _____	_____
_____	_____	x _____	= _____	_____	_____	x _____	= _____	_____
Liquid line fittings/accessories equivalent total = (b) _____ ft				Gas line fittings/accessories equivalent total = (x) _____ ft				

Frictional Losses	LIQUID LINE		GAS LINE	
	Actual Copper Tubing Lengths [From (a)]	(a) _____ ft	(a) _____ ft	(a) _____ ft
Fittings/Accessories Equivalent Feet (b) or (x)	(b) + _____ ft	(x) + _____ ft	(x) + _____ ft	
Total Equivalent Piping Run =	_____ ft	_____ ft	_____ ft	
Pressure Drop/Foot $\left[ \frac{P.D./100 \text{ ft}}{100} = \frac{\quad}{100} = \boxed{\quad} \right]$	x _____ psi/ft	x _____ psi/ft	x _____ psi/ft	
Frictional Pressure Loss =	(c) _____ p.s.i.	_____ p.s.i.	_____ p.s.i.	

Pressure Losses and Gains	LIQUID LINE		GAS LINE	
	Vertical Separation between Indoor/Outdoor	= _____ ft	<b>GAS LINE PRESSURE DROPS</b>	
HCFC-22 Hydrostatic Force	= _____ x 0.50 psi/ft	I. If P.D. is less than 3 psi, P.D. in acceptable range.		
If (d) is greater than 25 psi (See Note B)	(d) _____ psi	II. P.D. between 3 and 6 psi, check capacity loss (Chart B – Refrigerant Piping Manual).		
		III. If P.D. exceeds 6 psi, capacity loss may require oversize pipe or larger equipment size because of capacity losses.		
		<b>NOTES</b>		
		A. Heat Pump Systems: Always add (+) (d value) to (c value) for system total.		
		Air Conditioning Systems:		
		Condensing unit above Indoor Evaporator: subtract (-) (d value) from (c value).		
		Condensing unit below Indoor Evaporator: Add (+) (d value) to (c value).		
		B. A hydrostatic force greater than 25 psi may not provide sufficient pressure available to overcome frictional losses on Heat Pump Systems and Air Conditioning Systems with the outdoor condensing unit below the indoor evaporator unit.		
Frictional Loss	(c) _____			
Hydrostatic Force (See Note A)	(d) ± _____			
	Total = _____ psi			
Liquid Pressure Drop <b>Can Not</b> exceed 35 psi.				

## R-22 HCFC Refrigerant Only

Nominal Tonnage	#/Min	ARI <sup>(1)</sup> Capacity	Standard Type L Copper Tubing Size						Oversized Type L Copper Tubing							
			O.D. Tube Size		Pressure Drops <sup>(1)</sup>		Lbs. R-22 (100 ft.)		O.D. Tube Size		Pressure Drops <sup>(1)</sup>		Lbs. R-22 (100 ft.)			
			Gas	Liquid	Gas (100 ft.)	Liquid	Gas	Liquid	Gas	Liquid	Gas (100 ft.)	Liquid (100 ft.)	Gas	Liquid		
1	3.00	12,000	5/8	1/4	2.60	17.0	0.3	1.50	5/8	5/16	2.60	5.0	0.30	2.30		
	3.75	15,000			3.40	26.0										
1 1/2	3.75	15,000	5/8	1/4	3.40	26.0	0.3	1.50	5/8	5/16	3.40	7.8	0.30	2.30		
	4.50	18,000			4.80	38.0 <sup>(4)</sup>			3/4	5/16	1.80	11.0			0.40	2.30
2	5.25	21,000	3/4	5/16	2.60	14.0	0.4	2.30	7/8	3/8	1.20	3.8	0.50	3.80		
	6.00	24,000			3.40	17.0					1.50	4.8				
	6.75	27,000			4.10	20.0					1.80	5.8				
2 1/2	6.75	27,000	3/4	5/16	4.10	20.0	0.4	2.30	7/8	3/8	1.80	5.8	0.50	3.80		
	7.50	30,000			5.10	25.0 <sup>(4)</sup>					2.30	7.0				
	8.25	33,000			6.00	32.0 <sup>(4)</sup>					2.75	8.7				
3 <sup>(5)</sup>	8.25	33,000	7/8	3/8	2.75	8.7	0.5	3.80	7/8 <sup>(2)</sup>	1/2	2.75	1.80	0.50	7.30		
	9.00	36,000			3.20	10.2			7/8 <sup>(2)</sup>	1/2	3.20	2.20			0.50	
	9.75	39,000			3.70	11.8			7/8 HP <sup>(2)</sup>		3.70	2.45			0.50 <sup>(3)</sup>	
3 1/2 <sup>(5)</sup>	10.00	40,000	7/8	3/8	3.90	12.0	0.5	3.80	1 1/8 Cool <sup>(6)</sup>		0.95	2.45	0.90 <sup>(3)</sup>	7.30		
	10.50	42,000			4.10	13.0			1 1/8	1/2	1.00	2.50			0.90	7.30
	11.25	45,000			4.70	14.0			1.10	2.90	1.20	3.50				
4	11.25	45,000	1 1/8	3/8	1.20	14.0	0.9	3.80	1 1/8	1/2	1.20	2.8	0.90	7.30		
	12.00	48,000			1.40	16.0					1.40	3.9				
	12.75	51,000			1.60	18.0 <sup>(4)</sup>					1.60	4.0				
5	14.00	56,000	1 1/8	3/8	1.90	22.5 <sup>(4)</sup>	0.9	3.80	1 3/8	1/2	0.64	4.8	1.30	7.30		
	14.75	59,000			2.15	24.5 <sup>(4)</sup>					0.70	5.1				
	15.50	62,000			2.30	26.0 <sup>(4)</sup>					0.76	5.6				
6	16.50	66,000	1 1/8	3/8	2.45	27.0 <sup>(4)</sup>	0.9	3.80	1 3/8	1/2	0.80	6.0	1.30	7.30		
	17.25	69,000			2.80	31.0 <sup>(4)</sup>					0.90	6.8				
	18.00	72,000			3.20	35.0 <sup>(4)</sup>					1.00	7.6				
7 1/2	21.50	86,000	1 3/8	1/2	1.50	10.0	1.3	7.30	<b>OVERSIZE TUBING NOT ALLOWED ON THESE MODELS</b>							
	22.50	90,000			1.65	12.0 <sup>(4)</sup>										
	24.50	98,000			1.90	14.0 <sup>(4)</sup>										
10	29.00	116,000	1 3/8	1/2	2.80	17.5 <sup>(4)</sup>	1.3	7.30	<b>OVERSIZE TUBING NOT ALLOWED ON THESE MODELS</b>							
	30.00	120,000			2.90	19.0 <sup>(4)</sup>										
	31.25	125,000			3.00	21.0 <sup>(4)</sup>										

- (1) Adjusted for net capacity.  
 (2) Max line size on vertical runs and heat pump systems.  
 (3) 7/8 = 0.50#    1 1/8 = 0.90#  
 (4) Velocity exceeds 300 FPM - cannot use a quick close solenoid valve.  
 (5) Standard size for liquid line - pre 1992 models is 5/16 inch, 1992 and later models-3/8 inch liquid line is standard.  
 (6) 1 1/8 inch on cooling systems provides sufficient velocities for oil entrainment on vertical rises. (39,000 BTUH systems only.)

Equivalent Lengths Of Values And Fittings					
O.D Tube Size (in.)	45° ELL	Short Radius ELL	Long Radius ELL	Solenoid Value	Sight Glass
1/4	2.0	4.6	3.1	17	1.2
5/16	2.1	4.6	3.1	20	1.4
3/8	2.2	4.7	3.2	22	1.6
1/2	2.4	4.7	3.2	24	1.7
5/8	2.9	5.7	3.9	25	2.3
3/4	3.3	6.5	4.5	25	2.9
7/8	3.9	7.8	5.3	28	3.7
1 1/8	1.4	2.7	1.9	29	2.5
1 3/8	1.6	3.2	2.2	33	2.7
1 5/8	1.9	3.8	2.6	34	3.0

Application Engineering  
RFW 10/2003

**NOTE: When copper tubing exceeds 80ft or oversized tubing is required, the guidelines for compressor protection in the Refrigerant Piping Application Guide (Pub. No. 32-3009-XX) on page 11 must be adhered to.**

TTA	Liquid	Suction	Applicable line length and rise: x=total line length (hor+vert) : y=total line rise
090a	1/2	1- 3/8	<p>For <math>0 \leq x \leq 50</math>: <math>x=y</math></p> <p>For <math>50 &lt; x \leq 150</math>: <math>y=62.5-.25x</math></p>
120a	1/2	1- 3/8	
120b	3/8	1- 1/8	
120c	1/2	1- 3/8	
150b	1/2	1- 3/8	
180b	1/2	1- 3/8	
180c	5/8	1- 5/8	
240b	1/2	1- 3/8	

TWA	Liquid	Suction	Applicable line length and rise: x=total line length (hor+vert) : y=total line rise
090a	1/2	1- 3/8	<p>for <math>0 \leq x \leq 50</math>: <math>x=y</math></p> <p>For <math>50 &lt; x \leq 150</math>: <math>y=62.5-.25x</math></p> <p>Same as TTA</p>
120a	1/2	1- 3/8	
180b	1/2	1- 3/8	
240b	1/2	1- 3/8	

### Explanation:

If the total refrigerant line length is equal to or less than 50 feet, the length of the vertical riser may be = to the total length.

If the total refrigerant line length is greater than 50 feet, then the maximum length of vertical pipe must be figured by using the second formula.

### Example:

*Given:*

Total refrigerant piping length = 150 feet

*Required:*

Determine the maximum allowable vertical pipe length.

*Solution:*

First, determine if the total length is within maximum allowable rules, then determine the maximum vertical length.

The total length exceeds 50 feet and is equal to 150 feet; therefore, the maximum vertical length

$$= 62.5 \text{ ft} - (.25 \times 150 \text{ ft})$$

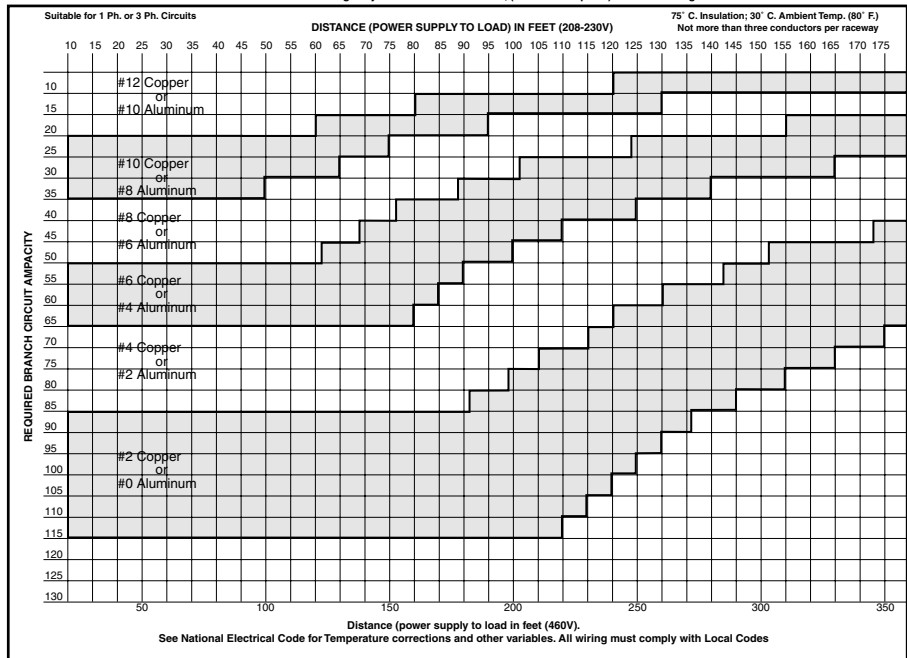
$$= 62.5 \text{ ft} - 37.5 \text{ ft}$$

$$= 25 \text{ ft maximum vertical length}$$

# Branch Circuit Wire Sizing Table/ Heater Derating Chart

## BRANCH CIRCUIT WIRE SIZING TABLE

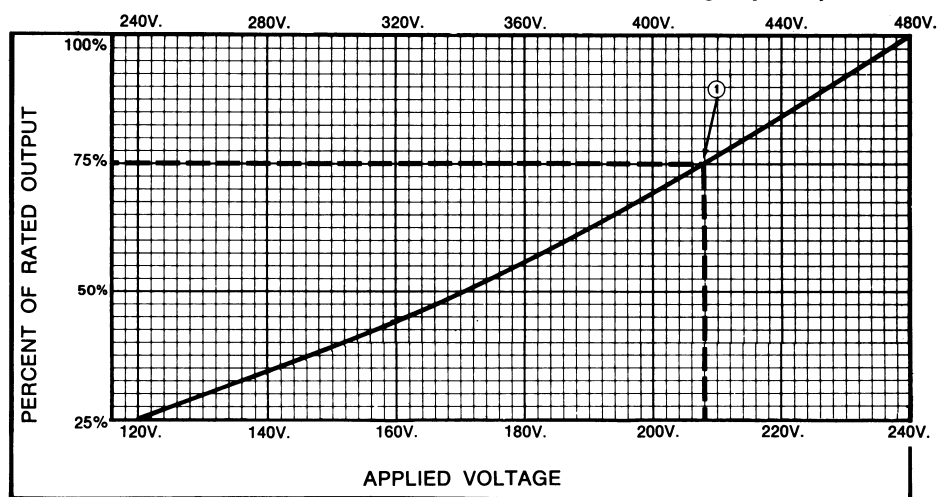
(Based on 2% Voltage Drop)  
Chart is based on 75° C. wire. (Types FEPW, RH, RHW, THHW, THW, THWN, XHHW, USE, AND ZW.)  
Use Chart For Wire Sizing Only. Refer To Electrical Code, (Or Product Specs.) For Fuse Sizing



## Heater Derating Chart

The output of electric heaters, applied at voltages other than the rated 240 or 480 volts, can be easily determined with the use of this chart.

### ELECTRIC HEATER DE-RATING CHART (for 240V or 480V Rated Heaters Installed on Lower Voltage Systems)



① EXAMPLE: Calculated Heat Loss — 29,200 BTUH Power Supply — 208V.  
The chart indicates that any 240V heater will deliver 75% of its rated capacity at 208V.

$$\frac{29,200 \text{ BTUH}}{.75} = 39,000 \text{ BTUH} \quad \left\{ \begin{array}{l} \text{Select a heater having AT LEAST 39,000 BTUH} \\ \text{capacity at 240V.} \end{array} \right.$$

## Basic Air Conditioning Formulas

### Basic Air Conditioning Formulas

TO DETERMINE	EXPRESSED AS	COOLING	HEATING and/or HUMIDIFYING
Total Airflow	CFM <sub>T</sub>	1. $CFM_T = \frac{N_T V}{60 \text{ min./hr.}}$	1. $CFM_T = \frac{N_T V}{60 \text{ min./hr.}}$
Infiltration or Ventilation	CFM <sub>O</sub>	2. $CFM_O = \frac{N_O V}{60 \text{ min./hr.}}$	2. $CFM_O = \frac{N_O V}{60 \text{ min./hr.}}$
Number of Air Changes Per Hour – Total	N <sub>T</sub>	3. $N_T = \frac{CFM_T (60 \text{ min./hr.})}{V}$	3. $N_T = \frac{CFM_T (60 \text{ min./hr.})}{V}$
Number of Air Changes Per Hour – Outdoor Air	N <sub>O</sub>	4. $N_O = \frac{CFM_O (60 \text{ min./hr.})}{V}$	4. $N_O = \frac{CFM_O (60 \text{ min./hr.})}{V}$
Total Heat (H <sub>T</sub> )	Btuh	5. $H_T = CFM_T \times 4.5 \times (h_1 - h_2) = \text{Btuh}$	6. $H_T = CFM_T \times 4.5 \times (h_2 - h_1) = \text{Btuh}$
Sensible Heat (H <sub>S</sub> )	Btuh	7. $H_S = CFM_T \times 1.08 \times (T_1 - T_2) = \text{Btuh}$	8. $H_S = CFM_T \times 1.08 \times (T_2 - T_1) = \text{Btuh}$
Latent Heat (H <sub>L</sub> )	Btuh	9. $H_L = CFM_T \times .68 \times (W_1 - W_2) = \text{Btuh}$	10. $H_L = CFM_T \times .68 \times (W_2 - W_1) = \text{Btuh}$
Entering Air Temperature (T <sub>1</sub> ) (Mixed Air)	°F.D.B.	11. $T_1 = t_1 + \frac{CFM_O}{CFM_T} \times (t_2 - t_1) = \text{°F.D.B. } \textcircled{1}$ $\textcircled{1}$ If duct heat gain is a factor, add to T <sub>1</sub> : $\frac{\text{Duct Heat Gain (Btuh)}}{CFM_T \times 1.08}$	12. $T_1 = t_1 - \frac{CFM_O}{CFM_T} \times (t_1 - t_2) = \text{°F.D.B. } \textcircled{2}$ $\textcircled{2}$ If duct heat loss is a factor, subtract from T <sub>1</sub> : $\frac{\text{Duct Heat Loss (Btuh)}}{CFM_T \times 1.08}$
Leaving Air D.B. Temperature (T <sub>2</sub> )	°F.D.B.	13. $T_2 = T_1 - \frac{H_S}{CFM_T \times 1.08} = \text{°F.D.B.}$	14. $T_2 = T_1 + \frac{H_S}{CFM_T \times 1.08} = \text{°F.D.B.}$
Required Airflow	CFM <sub>T</sub>	15. $CFM_T = \frac{H_S (\text{total})}{1.08 \times (T_1 - T_2)} = \text{CFM}$ OR $CFM_T = \frac{H_S (\text{internal}) \textcircled{3}}{1.08 \times (t_1 - T_2)} = \text{CFM}$ $\textcircled{3}$ Sensible load of outside air not included	16. $CFM_T = \frac{H_S}{1.08 \times (T_2 - T_1)} = \text{CFM}$
Enthalpy – Leaving Air (h <sub>2</sub> )	Btu/lb. dry air	17. $h_2 = h_1 - \frac{H_T}{CFM_T \times 4.5} = \text{Btu/lb. dry air}$	18. $h_2 = h_1 + \frac{H_T}{CFM_T \times 4.5} = \text{Btu/lb. dry air}$
Leaving Air W.B. Temperature	°F.W.B.	19. Refer to Enthalpy Table and read W.B. temperature corresponding to enthalpy of leaving air (h <sub>2</sub> ) (see #17).	20. Refer to Enthalpy Table and read W.B. temperature corresponding to enthalpy of leaving air (h <sub>2</sub> ) (see #18).
Heat Required to Evaporate Water Vapor Added to Ventilation Air	Btuh	21. $H_L = CFM_O \times .68 (W_3 - W_O) = \text{Btuh}$	22. $H_L = CFM_O \times .68 (W_3 - W_O) = \text{Btuh}$
Humidification Requirements	Lbs. water/hr.	23. $\left( \text{Make up} \right) = \frac{\text{Excess Latent Capacity of System} \times \% \text{ Run Time}}{1060 \text{ Btu/lb.}} = \text{lbs./hr.}$ (Industrial Process Work)	24. $\left( \text{Make up} \right) = \frac{H_L \text{ loss Btuh (see \#22)}}{1060 \text{ Btu/lb.}} = \text{lbs./hr.}$

LEGEND	DERIVATION OF AIR CONSTANTS
<p>CFM<sub>T</sub> = Total airflow cubic feet/min.  CFM<sub>O</sub> = Outdoor air cubic feet/min.  N<sub>T</sub> = Total air changes per hour  N<sub>O</sub> = Outdoor air, air changes per hour  V = Volume of space cubic feet  H<sub>T</sub> = Total heat Btuh  H<sub>S</sub> = Sensible heat Btuh  H<sub>L</sub> = Latent heat Btuh  * h<sub>1</sub> = Enthalpy or total heat of entering air  * h<sub>2</sub> = Enthalpy or total heat of leaving air  T<sub>1</sub> = Temperature of entering air  T<sub>2</sub> = Temperature of leaving air  T<sub>adp</sub> = Apparatus dewpoint  t<sub>1</sub> = Indoor design temperature  t<sub>2</sub> = Outdoor design temperature  W<sub>1</sub> = Grains of water/lb. of dry air at entering condition  W<sub>2</sub> = Grains of water/lb. of dry air at leaving condition  W<sub>3</sub> = Grains of water/lb. of dry air at indoor design conditions  W<sub>O</sub> = Grains of water/lb. of dry air at outdoor design conditions</p>	<p>The air constants below apply specifically to standard air which is defined as dry air at 70°F and 14.7 P.S.I.A. (29.92 in. mercury column). They can, however, be used in most cooling calculations unless extremely precise results are desired.</p> <p>4.5 (To convert CFM to lbs./hr.)</p> $4.5 = \frac{60 \text{ min./hr.}}{13.33} \text{ or } 60 \times .075$ <p>Where 13.33 is the specific volume of standard air (cu.ft./lb.) and .075 is the density (lbs./cu.ft.)</p> $1.08 = \frac{.24 \times 60}{13.33} \text{ or } .24 \times 4.5$ <p>.24 BTU = specific heat of standard air (BTU/LB/°F)</p> $.68 = \frac{60}{13.33} \times \frac{1060}{7000} \text{ or } 4.5 \times \frac{1060}{7000}$ <p>Where: 1060 = Average Latent Heat of water vapor (BTU/LB.).  7000 = Grains per lb.</p>

\* See Enthalpy of air (Total Heat Content of Air) Table for exact values.



# Low Ambient Accessories Cooling Models

Model Family	55°F	45°F	30°F			0°F				
2A7A8	As Shipped	As Shipped	AY28X079	TXV-NB <sup>⑦</sup>	BAYCCHT*	Not Approved				
4A7A6	As Shipped	As Shipped	AY28X079	TXV-NB <sup>⑦</sup>	BAYCCHT*	Not Approved				
2A7A5	As Shipped	As Shipped	AY28X079	TXV-NB <sup>⑦</sup>	BAYCCHT*	Not Approved				
2A7A4 4A7A4	As Shipped	TXV <sup>⑦</sup>	AY28X079	TXV-NB <sup>⑦</sup>	BAYCCHT*	Not Approved				
2A7B3 2A7A3	As Shipped	TXV <sup>⑦</sup>	AY28X079	TXV-NB <sup>⑦</sup>	BAYCCHT*	BAYLOAM103	TXV-NB <sup>⑦</sup>	BAYCCHT*	Quick Start Kit	Solenoid Valve <sup>③</sup>
4A7A2	As Shipped	TXV <sup>⑦</sup>	AY28X079	TXV-NB <sup>⑦</sup>	BAYCCHT*	Not Approved				
2A7A2	As Shipped	TXV <sup>⑦</sup>	AY28X079	TXV-NB <sup>⑦</sup>	BAYCCHT*	BAYLOAM103	TXV-NB <sup>⑦</sup>	BAYCCHT*	Quick Start Kit	Solenoid Valve <sup>③</sup>
2A7C0 2A7C2 2A7C3	As shipped	TXV <sup>⑦</sup>	AY28X079	TXV-NB <sup>⑦</sup>	**	BAYLOAM103	TXV-NB <sup>⑦</sup>	**	3 phase not needed	Solenoid Valve <sup>③</sup>
2.5 to 5 Ton 2A7A1	As Shipped	TXV <sup>⑦</sup>	AY28X079	TXV-NB <sup>⑦</sup>	BAYCCHT*	BAYLOAM103	TXV-NB <sup>⑦</sup>	BAYCCHT*	Quick Start Kit	Solenoid Valve <sup>③</sup>
1.5 to 2 Ton 2A7A1	As Shipped	TXV <sup>⑦</sup>	AY28X079	TXV-NB <sup>⑦</sup>	BAYCCHT*	BAYLOAM104	TXV-NB <sup>⑦</sup>	BAYCCHT*	Quick Start Kit <sup>⑧</sup>	Solenoid Valve <sup>③</sup>
Ameristar 2A7M3	As Shipped	TXV <sup>⑦</sup>	AY28X079	TXV-NB <sup>⑦</sup>	BAYCCHT*	BAYLOAM103	TXV-NB <sup>⑦</sup>	BAYCCHT*	Quick Start Kit	Solenoid Valve <sup>③</sup>
Ameristar 2A7B2	As shipped	TXV <sup>⑦</sup>	AY28X079	TXV-NB <sup>⑦</sup>	BAYCCHT*	BAYLOAM103	TXV-NB <sup>⑦</sup>	BAYCCHT*	Quick Start Kit	Solenoid Valve <sup>③</sup>
2.5 to 5 Ton Ameristar 2A7B0	As Shipped	TXV <sup>⑦</sup>	AY28X079	TXV-NB <sup>⑦</sup>	BAYCCHT*	BAYLOAM103	TXV-NB <sup>⑦</sup>	BAYCCHT*	Quick Start Kit	Solenoid Valve <sup>③</sup>
Ameristar 7B0012 thru 23	As Shipped	TXV <sup>⑦</sup>	AY28X079	TXV-NB <sup>⑦</sup>	BAYCCHT*	BAYLOAM104	TXV-NB <sup>⑦</sup>	BAYCCHT*	Quick Start Kit <sup>⑧</sup>	Solenoid Valve <sup>③</sup>

**Notes:**

- ① Scroll compressors unload during the off cycle and do not require hard start components due to refrigerant pressure differential. However, it is recommended to install start kit when operating below 30°F.
  - ② For all systems employing head pressure control, a non-bleed thermal expansion valve (NB-TXV) is required. TWE060A has a factory installed bleed port TXV. If belt drive is preferred (TWE060A), it is recommended to change the TXV to a non-bleed type.
  - ③ If off cycle time exceeds 30 minutes at low outdoor ambient conditions, it is recommended to install a liquid line solenoid valve.
    - a) If solenoid valve is required, pressure drop across the solenoid valve plus liquid line pressure drop shall be no greater than 35 PSI for R-22 systems and 50 PSI for R410A systems.
  - ④ Wind shields may be required, please refer to the following pages to locate documentation regarding windshields.
  - ⑤ System indoor airflow shall be no less than 370 CFM / Ton when applying head pressure control.
  - ⑥ Check Product Data General Specification page in order to determine if the condensing unit ships with required components such as crankcase heat or start components.
  - ⑦ If non bleed thermal expansion valve is used in a system bearing a reciprocating style compressor, the condensing unit must have quick start components. Check Product Data for factory-installed components in order to determine if a quick start accessory is required.
  - ⑧ BAYLOAM104 includes integrated quick start kit.
- \* Please refer to Product Data.  
 \*\* BAYCCHT (Crankcase Heater) is factory installed.

**For a detailed Application Bulletin on required accessories and wind shields for low outdoor ambient operation, please contact your Territory Manager or Local FSR.**





# Low Ambient Accessories Heat Pump Models

Model Family	55°F	45°F	30°F <sup>③④</sup>				0°F <sup>③④</sup>				
2A6H8	As Shipped	As Shipped	AY28X084	TXV-NB <sup>②</sup>	BAYCCHT*	Not Approved					
4A6H6	As Shipped	As Shipped	AY28X084	TXV-NB <sup>②</sup>	BAYCCHT*	Not Approved					
2A6H5	As Shipped	As Shipped	AY28X084	TXV-NB <sup>②</sup>	BAYCCHT*	Not Approved					
2A6H4 4A6H4	As Shipped	TXV-NB <sup>②</sup>	AY28X084	TXV-NB <sup>②</sup>	BAYCCHT*	Not Approved					
2A6H3 2A6B3	As Shipped	TXV-NB <sup>②</sup>	AY28X084	TXV-NB <sup>②</sup>	BAYCCHT*	BAYLOAM103	TXV-NB <sup>②</sup>	BAYCCHT <sup>⑥</sup>	Quick Start Kit <sup>⑦</sup>		
4A6H2	As Shipped	TXV-NB <sup>②</sup>	AY28X084	TXV-NB <sup>②</sup>	BAYCCHT*	Not Approved					
2A6H2	As Shipped	TXV-NB <sup>②</sup>	AY28X084	TXV-NB <sup>②</sup>	BAYCCHT*	BAYLOAM103	TXV-NB <sup>②</sup>	BAYCCHT <sup>⑥</sup>	Quick Start Kit <sup>⑦</sup>		
2A6H1	As Shipped	TXV-NB <sup>②</sup>	Quick Start Kit	AY28X084	TXV-NB <sup>②</sup>	Quick Start Kit	BAYCCHT*	BAYLOAM103	TXV-NB <sup>②</sup>	BAYCCHT <sup>⑥</sup>	Quick Start Kit <sup>⑦</sup>
Ameristar 2A6M3	As Shipped	TXV-NB <sup>②</sup>	AY28X084	TXV-NB <sup>②</sup>	BAYCCHT*	BAYLOAM103	TXV-NB <sup>②</sup>	BAYCCHT <sup>⑥</sup>	Quick Start Kit <sup>⑦</sup>		
Ameristar 2A6B2	As Shipped	TXV-NB <sup>②</sup>	Quick Start Kit	AY28X084	TXV-NB <sup>②</sup>	Quick Start Kit	BAYCCHT*	BAYLOAM103	TXV-NB <sup>②</sup>	BAYCCHT <sup>⑥</sup>	Quick Start Kit <sup>⑦</sup>
2.5 to 5.0 Ton Ameristar 2A6B0	As Shipped	TXV-NB <sup>②</sup>	Quick Start Kit	AY28X084	TXV-NB <sup>②</sup>	Quick Start Kit	BAYCCHT*	BAYLOAM103	TXV-NB <sup>②</sup>	BAYCCHT <sup>⑥</sup>	Quick Start Kit <sup>⑦</sup>
2A6C0 / 2A6C2 / 2A6C3	As Shipped	TXV-NB <sup>②</sup>	3 phase	AY28X084	TXV-NB <sup>②</sup>	3 phase	**	BAYLOAM103	TXV-NB <sup>②</sup>	**	3 phase

**Notes:**

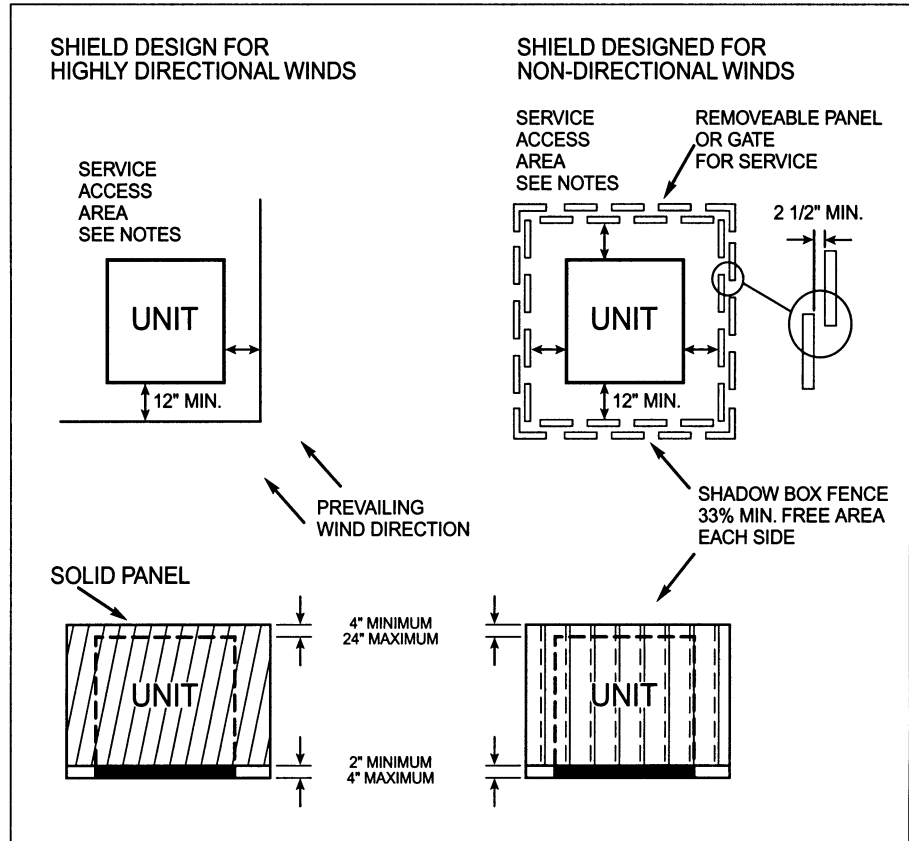
- ① Scroll compressors unload during the off cycle and do not require hard start components due to refrigerant pressure differential. However, it is recommended to install a start kit when operating below 30°F.
  - ② For all systems employing head pressure control, a non-bleed thermal expansion valve (NB-TXV) is required. All heat pump expansion valve accessories are non-bleed type. TWE060A has a factory installed bleed port TXV. If belt drive is preferred (TWE060A), it is recommended to change the TXV to a non-bleed type.
  - ③ Wind shields may be required, please refer to the following pages to locate documentation regarding windshields.
  - ④ System indoor airflow shall be no less than 370 CFM / Ton.
  - ⑤ Do not use solenoid valves with heat pump systems.
  - ⑥ Check Product Data General Specification page in order to determine if the heat pump unit ships with required components such as crankcase heat or start components.
  - ⑦ If non bleed thermal expansion valve is used in a system bearing a reciprocating style compressor, the condensing unit must have quick start components. Check Product Data for factory-installed components in order to determine if a quick start accessory is required.
- \* Please refer to Product Data.  
\*\* BAYCCHT (Crankcase Heater) is factory installed.

**For a detailed Application Bulletin on required accessories and wind shields for low outdoor ambient operation, please contact your Territory Manager or Local FSR.**

## Wind Shields

Wind Shields are required to block prevailing winds across condenser coil. In applications where cooling

operation is required to 0°F, wind shields are a **Must**. Use the following guidelines for your application



**Notes:**

Minimum working clearance must be in compliance with the National Electric Code. Currently, the minimum clearance between a wood or suitable grounding material type fence requires minimum 3 feet. If other material is used to form the windshield, the minimum space may be increased to 3.5 feet. Please consult the 2002 or current Edition of the National Electric Code, Article 110 for the most up to date information

**For a detailed Application Bulletin on required accessories and wind shields for low ambient operation, please contact your Territory Manager or Local DSS.**