

# Quick Reference Guide JANUARY 2018

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HEATING & AIR CONDITIONING



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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 Heating & Air Conditioning has a policy of continuous product improvement, it reserves the right to change design and specification without notice.

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Read

# Model Nomenclature Residential

## Outdoor Units

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

- Refrigerant Type  
2 = R-22  
4 = R-410A
- A, T = American Standard
- Product Type  
6, W = Split Heat Pump  
7, T = Split Cooling
- Product Family  
V = Variable Speed      M or B = Basic  
Z = Leadership – Two Stage      A = Light Commercial  
X = Leadership      C = Commercial  
R = Replacement/Retail      L = Side Discharge
- Family SEER  
3 = 13    6 = 16    0 = 20  
4 = 14    7 = 17  
5 = 15    8 = 18  
          9 = 19
- Split System Connections 1-6 Tons  
0 = Brazed
- Nominal Capacity in 1000s of BTUs
- Major Design Modifications
- Power Supply  
1 = 200-230/1/60 or 208-230/1/60  
3 = 200-230/3/60  
4 = 460/3/60
- Secondary Function
- Minor Design Modifications
- Unit Parts Identifier

## ForeFront Air Handler

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

- Brand  
T = American Standard  
G = Good (American Standard Branded)
- Product Type  
A = Air Handler  
E = Air Handler
- Convertability  
M = Multi-poise 4-way  
F = Upflow Front Return, 3-way  
T = 3-way
- Product Tier  
2 = Good, Entry Level Feature Set  
4 = Better, Retail Replacement Mid Effy.  
5 = Better, Entry Level High Effy., Multi-Speed  
7 = Best, Retail Replacement High Effy., Variable-Speed  
8 = Best, Retail Ultimate High Effy., Variable-Speed  
9 = Best, Comm/24V Variable-Speed  
G = Best, Geothermal
- Major Design Change
- No Descriptor  
0 = Air Handler / Coil
- Size (Footprint)  
A = 17.5 x 21.8  
B = 21.3 x 21.8  
C = 23.5 x 21.8
- Cooling Size: Air Handler or Coil  
0-9 = AH Coil - 1000 BTU's (18, 24, 30, 36, 42, 48, 60)
- Airflow Type & Capability  
S = Standard Effy PSC, 1-5 - nom. Tonnage (cfm/ton)  
M = Mid Effy Multi-Speed, 1-5 - nom. Tonnage (cfm/ton)  
H = High Effy Variable, 1-5 - nom. Tonnage (cfm/ton)  
V = High Effy Variable, 1-5 - nom. Tonnage (cfm/ton)

## 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**
- Accessories Type** (Example: BAYCURB, AY, ASY)
- |                                 |                               |
|---------------------------------|-------------------------------|
| ASCT = Anti-Cycle Timer         | LOAM = Low Ambient Controls   |
| BARM = Barometric Relief        | LPKT = L.P. Kit               |
| BASE = Subbase                  | LSDR = Low Static Drive       |
| BRZQ = Coupling Kit Adaptors    | NXKT = NOx Rod Accessory Kit  |
| CCHT = Crankcase Heater         | PANL = Panel                  |
| CLE = Coil Enclosures           | PLNM = Plenum                 |
| CURB = Roof Curb                | PLUS = Add-on Heat Pump       |
| DMPR = Damper                   | REFLN = Refrigerant Lines     |
| DNFLW = Downflow Conversion Kit | RLAY = Relay                  |
| ECMT = Extreme Mounting Kit     | SEAC = Sea Coast Kit          |
| ECON = Economizer               | SENS = Sensor                 |
| ENTH = Enthalpy Control         | SPEK = Single Power Entry Kit |
| 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 —              |
| HTRA = Electric Heater          | Bleed/Non Bleed Kits          |
|                                 | TXVH = Heat Pump              |
|                                 | Non Bleed Kits                |
| ISLT = Isolator                 | UTIL = Curb Ext. Kit          |
| KSKT = Start Accessory Kit      | VENT = Termination Kit        |
| LEGS = Snow Legs                | WAR = Warranty                |
| LEGSCAP = Leveling Caps         | WATR = Hydronic Heat Coils    |
| LIFT = Lifting Lug Kit          | WRKT = Wire Kit               |
|                                 | 2STG = 2 Stage Gas            |
- Major Design Change**  
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 Change**  
Accessory To Unit Match-up (When Required)
- Service Digit - Not Orderable**

- Power Supply  
1 = 208-230/1/60
- System Control Type  
S = Standard - 24 VAC  
C = CLII 13.8 VDC  
D = Dual (24 VAC / CLII 13.8 VDC) and Epoxy Coated Coil Fins  
E = Epoxy Coated Coil Fins
- Minor Design Change
- Service Digit - Not Orderable

## ForeFront Air Handler Electric Heaters

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15  
B A Y E A A C 1 5 B K 1 A A A

- Brand  
B = Both Brands
- Product Type  
AY = Accessory
- Heat Type  
E = Electric Heater
- Product Tier  
A = TAM9, TAM4, GAM5, TAMGB  
E = TAM8, TAM7  
C = GAF2
- Size (Footprint)  
A-C = Minimum Cabiner Width
- Size (Footprint)  
A-C = Maximum Cabiner Width
- Electric Heat Input  
Electric Heat kW
- Connection  
BK = Breaker  
LG = Lugs
- Power Supply  
1 = 208-230/1/60  
A = 200/1/50  
3 = 208-230/3/60
- Major Design Modification
- Minor Design Modification
- Service Digit - Not Orderable

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.



# Model Nomenclature Residential

## Air Handler - Residential

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

**Brand**  
T = American Standard

**Product Type**  
E = Metal Cabinet  
M = Metal Over Hot Water Heater

**Convertability**  
M = Multi-poise 4-way

**Product Tier**  
3 = Entry Level Multi-Speed  
4 = Entry Level Multi-Speed  
5 = Entry Level High Efficiency  
6 = Entry Level Variable Speed  
8 = Entry Level Comm/24V Variable Speed

**Major Design Change**

**No Descriptor**  
0 = Air Handler / Coil

**Size (Footprint) (W x D)**  
A = 20.5 x 15.0  
B = 18.5 x 21.1 (TEM), 22.0 x 19.0 (TMM)  
C = 23.5 x 21.1  
D = 26.5 x 21.1

**Cooling Size: Air Handler or Coil**  
0-9 = AH Coil - 1000 BTU's (18, 24, 30, 36, 42, 48, 60)

**Airflow Type & Capability**  
S = Standard Effy, 1-5 - nom. Tonnage (cfm/ton)  
M = Mid Effy Multi-Speed, 1-5 - nom. Tonnage (cfm/ton)  
H = High Effy Variable, 1-5 - nom. Tonnage (cfm/ton)  
V = High Effy Variable, 1-5 - nom. Tonnage (cfm/ton)

**Power Supply**  
1 = 208-230/1/60

**System Control Type**  
S = Standard - 24 VAC  
C = CLII 13.8 VDC  
D = Dual (24 VAC / CLII 13.8 VDC)

**Minor Design Change**  
**Service Digit - Not Orderable**

## Air Handler/ Electric Furnace Heaters

1 2 3 4 5 6 7 8 9 10 11 12 13 14  
B A Y H T R 1 4 1 5 B R K A

**Accessory**

**Heater**

**Power Supply**  
1 = Single Phase  
3 = Three Phase

**Series/Family**  
3 = 2/4TEH Models Only  
4 = 4TEC / Legacy  
5 = TEM Models Only

**Heater KW**

**Electrical Connection**  
000 = Pig Tails Only  
BRK = Circuit Breaker  
PDC = Pull Disconnect  
RBR = Recessed Breaker-TVF018, TVF024, 14" Deep only  
RPD = Recessed Pull Disconnect-TVF018, TVF024, 14" Deep only

**Minor Design Change**

## Air Handler

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

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

**Model Type**  
FWC = Convertible  
FWH = Convertible with Constant Torque ECM Motor  
FWM = Stud Mount with Factory Installed Electric Heat  
FWD = Furr-Down Uncased with Factory Installed Electric Heat  
FWF = Furr-Down Cased with Factory Installed Electric Heat

**Insulation**  
A = Standard  
F = R4.2 Insulation

**Capacity**  
Nominal Capacity in 1000's (BTUH)

**Major Design Change**

**Power Supply**  
1 = Single Phase

**Electrical Connection**  
0 = Pig Tails  
D = Pull Disconnect

**Electric Heater**  
00 = No heater  
05 = 5 KW  
08 = 8 KW  
10 = 10 KW  
15 = 15 KW  
20 = 20 KW

**Minor Design Change**  
**Service Digit - Not Orderable**

# Model Nomenclature Residential

## Gas Furnaces

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

**Furnace Configuration**

AU = Upflow/Horizontal  
 AD = Downflow/Horizontal

**Type**

E = 80% Induced Draft Standard  
 D = 80% Induced Draft Premium  
 C = 90% Condensing Standard  
 X = 90% Condensing Premium  
 H = 95% Condensing Premium

**Number of Heating Stages**

1 = Single Stage  
 2 = Two Stage  
 3 = Three Stage  
 M = Modulating

**Cabinet Width**

A = 14.5" Cabinet Width  
 B = 17.5" Cabinet Width  
 C = 21.0" Cabinet Width  
 D = 24.5" Cabinet Width

**Heating Input in 1000's (BTUH)**

080 = 80,000 BTUH

**Major Design Change**

**Voltage**

9 = 115 Volts / 60 Hertz / Natural Gas  
 A = 115 Volts / 50 Hertz / Natural Gas  
 C = 115 Volts / Natural Gas with Communicating System Control  
 F = 115 Volts / Natural Gas with Integrated Electronic Filter  
 D = 115 Volts / Natural Gas with Communicating System Control and Integrated Electronic Filter

**Air Capacity for Cooling**

Standard PSC	Variable Speed	High Efficiency
24 = 2 Tons	V3 = 3 Tons	H3 = 3 Tons
36 = 3 Tons	V4 = 4 Tons	H4 = 4 Tons
42 = 3.5 Tons	V5 = 5 Tons	H5 = 5 Tons
45 = 4 Tons		
48 = 4 Tons		
54 = 5 Tons		
60 = 5 Tons		
72 = 6 Tons		

**Draft Inducer Speeds**

1 = Single Speed  
 2 = Two Speed  
 V = Variable Speed

**Minor Design Change**

Service Digit - Not Orderable

## S-Series Furnaces

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

**Level**

S = Series

**AFUE**

8 = 80%  
 9 = 90% or Higher

**Blower**

B = Base model PSC  
 P = PSC  
 X = CTM  
 V = Variable Speed

**Gas Valve Stages**

1 = Single Stage  
 2 = 2 Stage  
 M = Modulating

**Cabinet Width**

A = 14.5"  
 B = 17.5"  
 C = 21"  
 D = 24.5"

**BTU Input**

080 = 80,000 BTUH

**Poise Options**

U = 3 Way  
 D = Dedicated Downflow  
 M = 4 Way Poise

**Air Capacity for Cooling**

(in nominal tons)  
 2 = 2 Tons  
 3 = 3 Tons  
 4 = 4 Tons  
 5 = 5 Tons

**Inducer Type**

P = PSC  
 X = CTM  
 V = Variable Speed

**Communicating Capability**

S = 24 Volt  
 C = Communicating System Control

**Major Design Change**

**Minor Design Change**

Service Digit - Not Orderable

# Model Nomenclature Residential

## Heat Pump/ Cooling Coils

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

Refrigerant Type  
4 = R-410A

Series  
T = Premium (Cooling and HP)  
N = Premium (Cooling and HP)  
P = Premium High Efficiency - Dedicated position (Cooling and HP)  
C = Standard (Cooling Only)  
F = Entry Level (Cooling Only)  
G = Entry Level (Cooling and HP)  
M = Entry Level (Cooling and HP)

Coil Design  
X = Direct Expansion Evaporator Coil

Coil Feature  
C = Cased A Coil  
A = Uncased A Coil  
F = Cased Horizontal Flat 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 /  
Airflow Configuration  
0 = Brazed  
U = Upflow only, convertible to Horizontal Left  
D = Downflow only, convertible to Horizontal Right

Nominal Capacity in 1000's (BTUH) /  
Model Number Distinguisher

Major Design Change

Efficiency  
C = Standard  
S = High Efficiency (derived from 10 SEER products)  
Z = High Efficiency (TXV modulates to 50%)

Refrigerant Control  
3 = TXV - Non-Bleed  
6 = FCCV (Flow Control/Check Valve)

Coil Circuitry  
H = Heat Pump  
C = Cooling

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

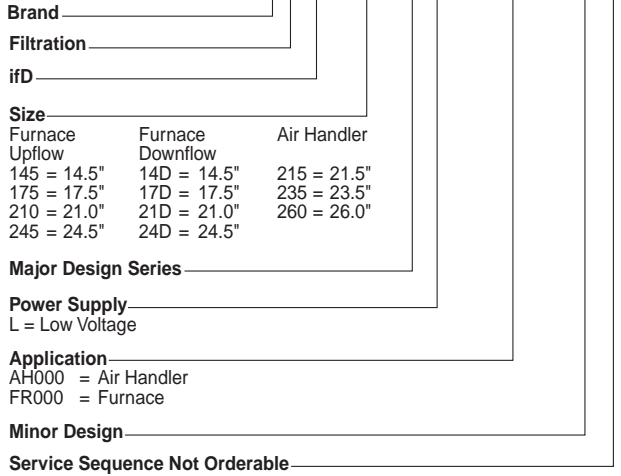
Minor Design Change

Service Digit - Not Orderable

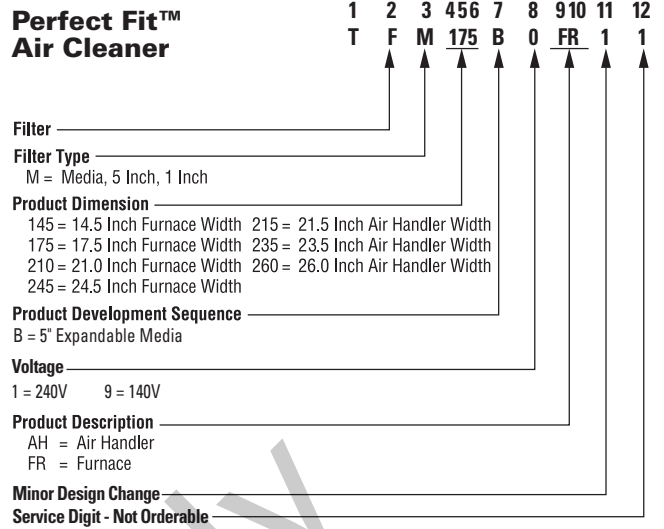
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# Model Nomenclature Residential

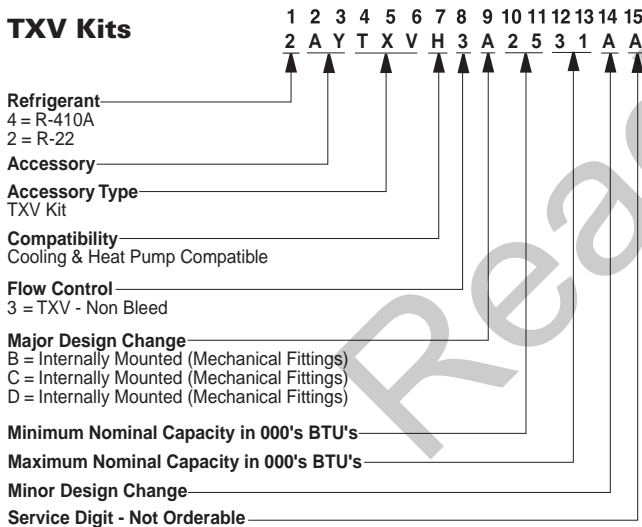
## American Standard AccuClean™ Whole Home Air Cleaner



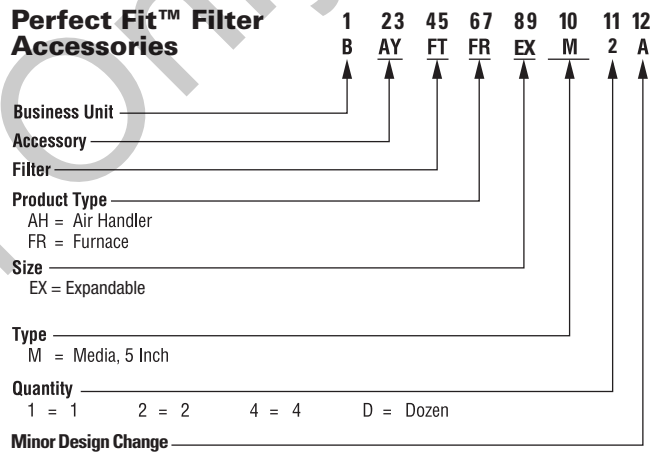
## Perfect Fit™ Air Cleaner



## TXV Kits

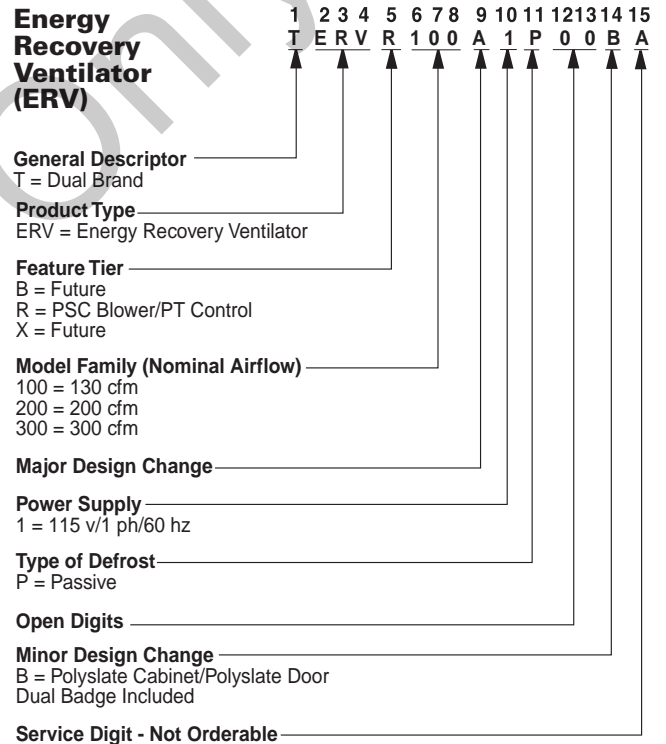
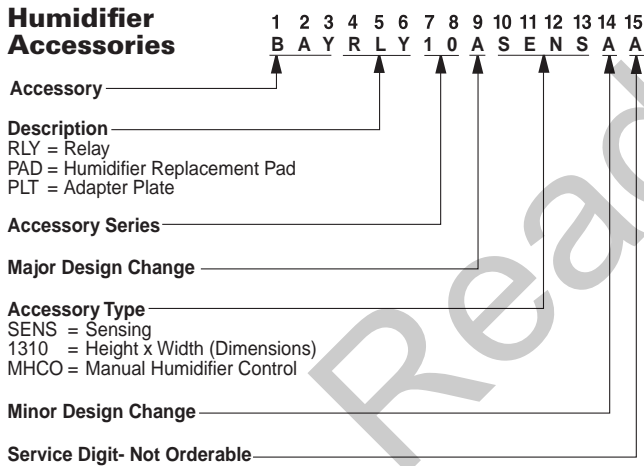
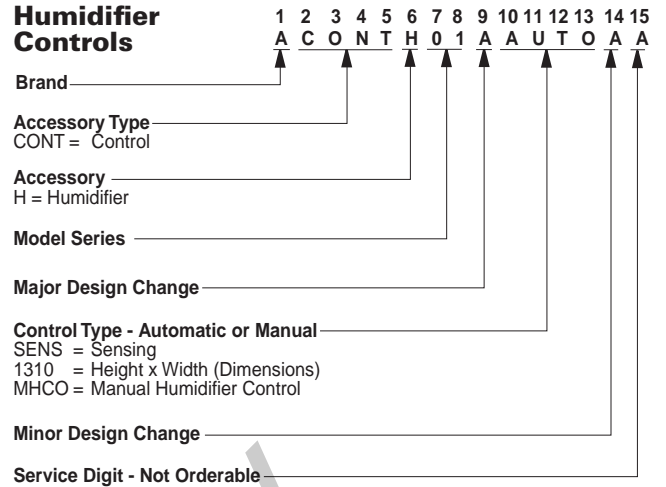
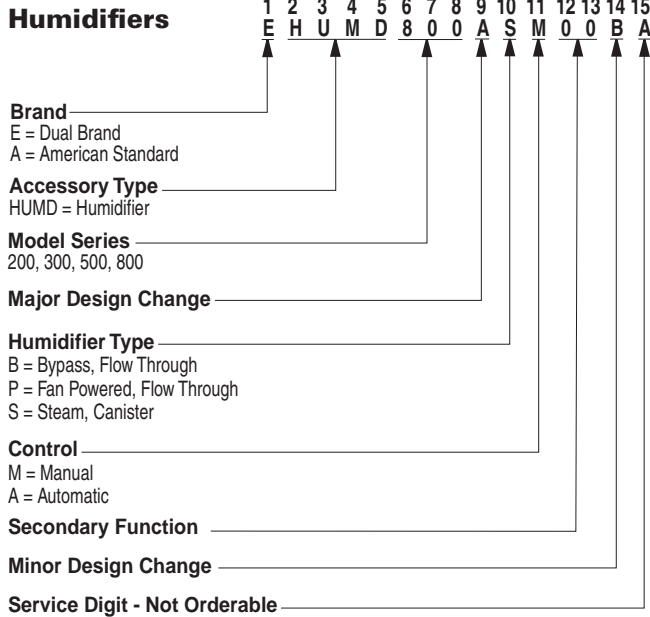


## Perfect Fit™ Filter Accessories





# Model Nomenclature Residential



# Model Nomenclature Residential

**Packaged Units**

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

**Refrigerant**  
4 = R-410A

**Type**  
Y = Gas Electric  
W = Heat Pump  
D = Dual Fuel  
T = Air Conditioner

**Configuration**  
C = Convertible  
H = Horizontal (only)

**Model Tier**  
C = Entry Level  
X = Upgrade  
Y = Premium  
Z = Leadership - (2-Stage)

**Efficiency Tier**  
3 = 13 SEER  
4 = 14 SEER  
5 = 15 SEER  
6 = 16 SEER

**Capacity in 1000's (BTUH)**  
018 042  
024 048  
030 060  
036

**Major Design Change**

**Voltage & Phase**  
1 = 230V 1 Phase  
3 = 230V 3 Phase  
4 = 460V 3 Phase

**Gas Heat Input (MBTU/H)**  
000 (AC or HP) 075  
040 096  
064 120

**Minor Design Change**

**Service Digit - Not Orderable**

**Packaged Units (Pre-410A Refrigerant)**

1 2 3 4 5 6 7 8 9 10 11 12  
Y C X 0 3 6 G 1 M 0 A 0

**Product Type**  
TC = Cooling, Electric Heat  
WC = Heat Pump Packaged  
YC = Gas Electric  
DC = Heat Pump with Gas Heat

**Airflow Configuration**  
D = Downflow Y = Super High Efficiency  
H, K = Horizontal Z = Ultra High Efficiency  
C = Convertible  
X = High Efficiency

**Cooling Capacity in 1000's (BTUH)**  
018 = 1 1/2 Tons 060 = 5 Tons  
024 = 2 Tons 150 = 12 1/2 Tons  
030 = 2 1/2 Tons 180 = 15 Tons  
036 = 3 Tons 210 = 17 1/2 Tons  
042 = 3 1/2 Tons 240 = 20 Tons  
048 = 4 Tons 300 = 25 Tons

**Commercial High Efficiency Units**  
151 = 12 1/2 Tons  
181 = 15 Tons  
211 = 17 1/2 Tons  
241 = 20 Tons  
301 = 25 Tons

**Major Design Change**  
F = Impact - Side by Side - Ft. Smith Only  
B = Over/Under - Ft. Smith Only  
G = Impact Plus - Side by Side - Ft. Smith Only

**Electrical Characteristics**  
1 = 208-230/1/60  
3 = 208-230/3/60  
4 = 460/3/60

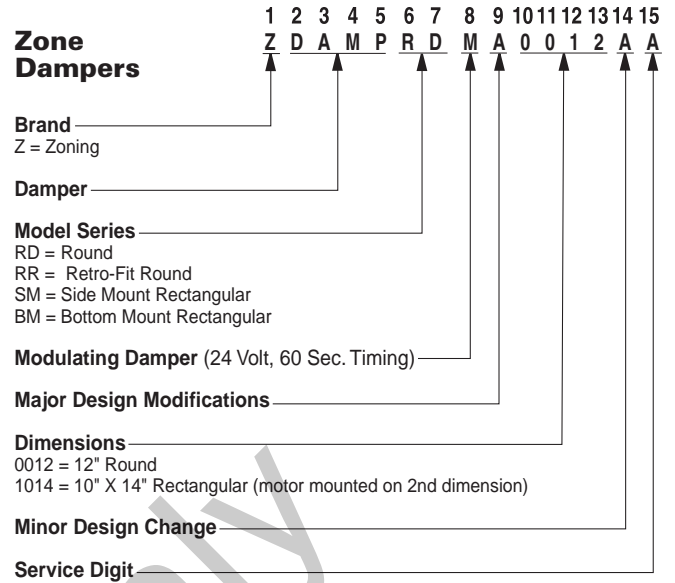
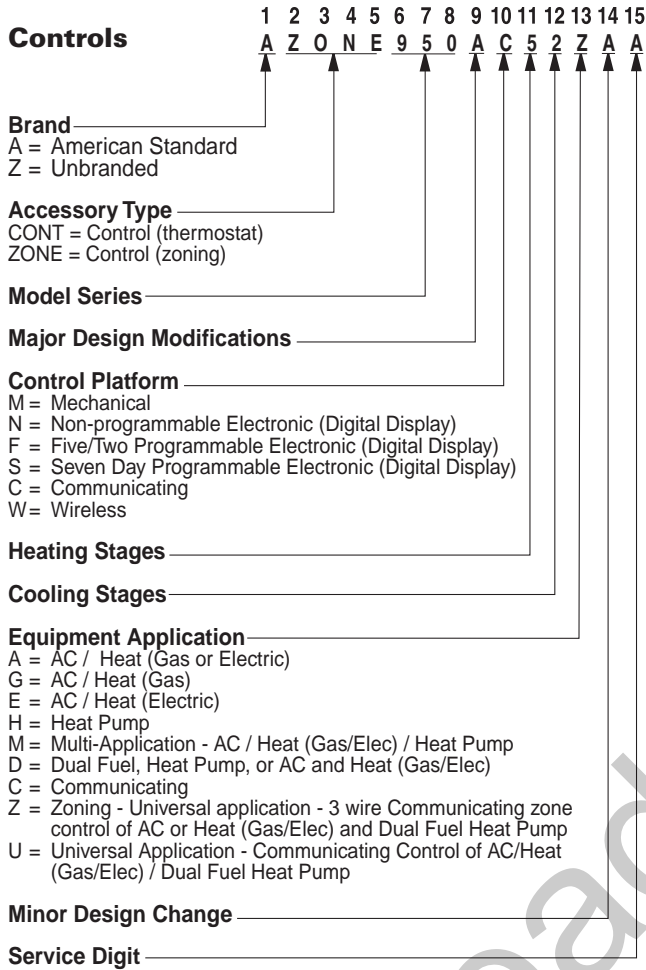
**Secondary Capacity And/Or Factory-Installed Options**  
00 = No Heat, No Options  
LO = Low Heating Capacity  
MO = Medium Heating Capacity  
HO = High Heating Capacity

**Minor Design Change**

**Service Digit - Not Orderable**

Ready Only

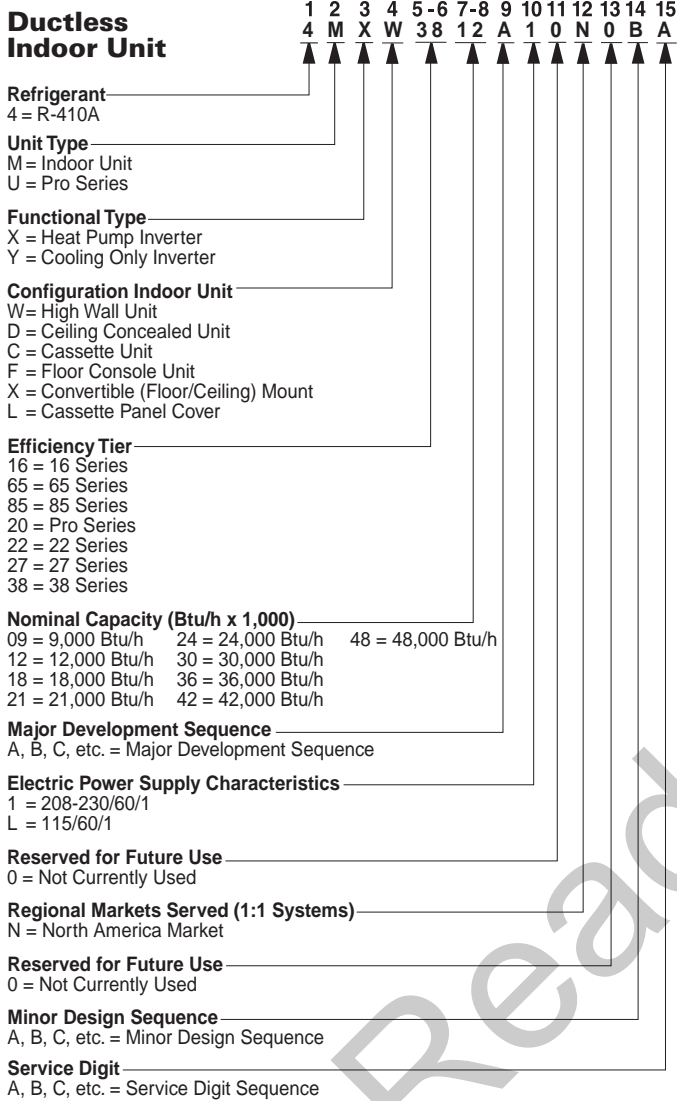
# Model Nomenclature Residential



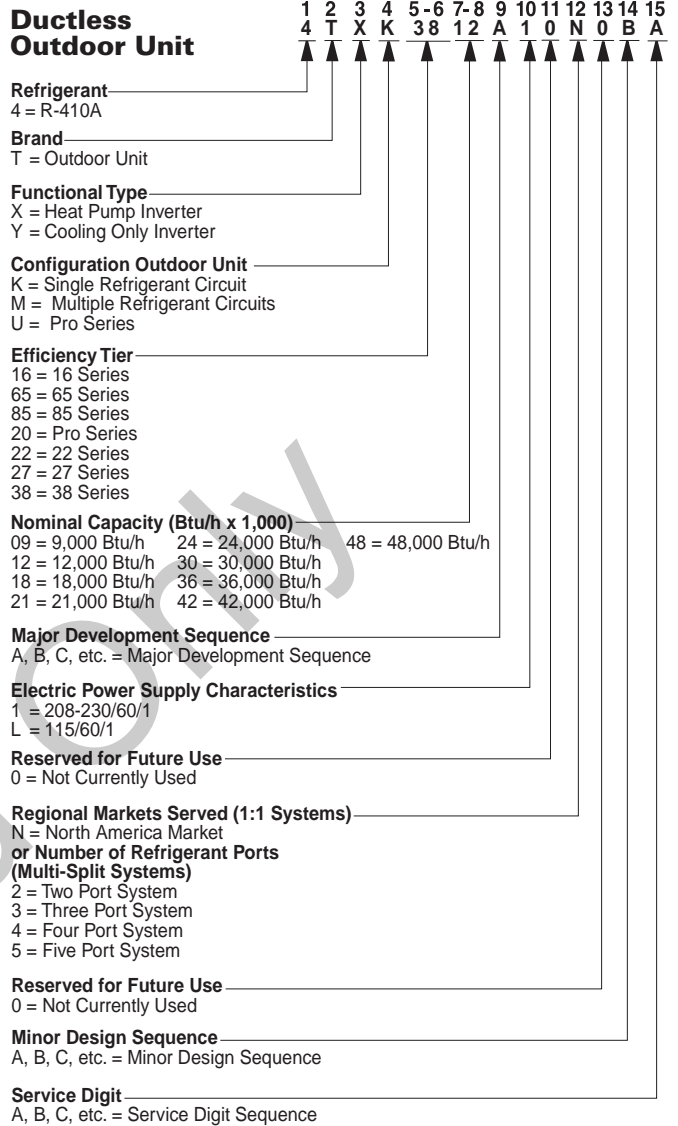
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# Model Nomenclature Residential

## Ductless Indoor Unit



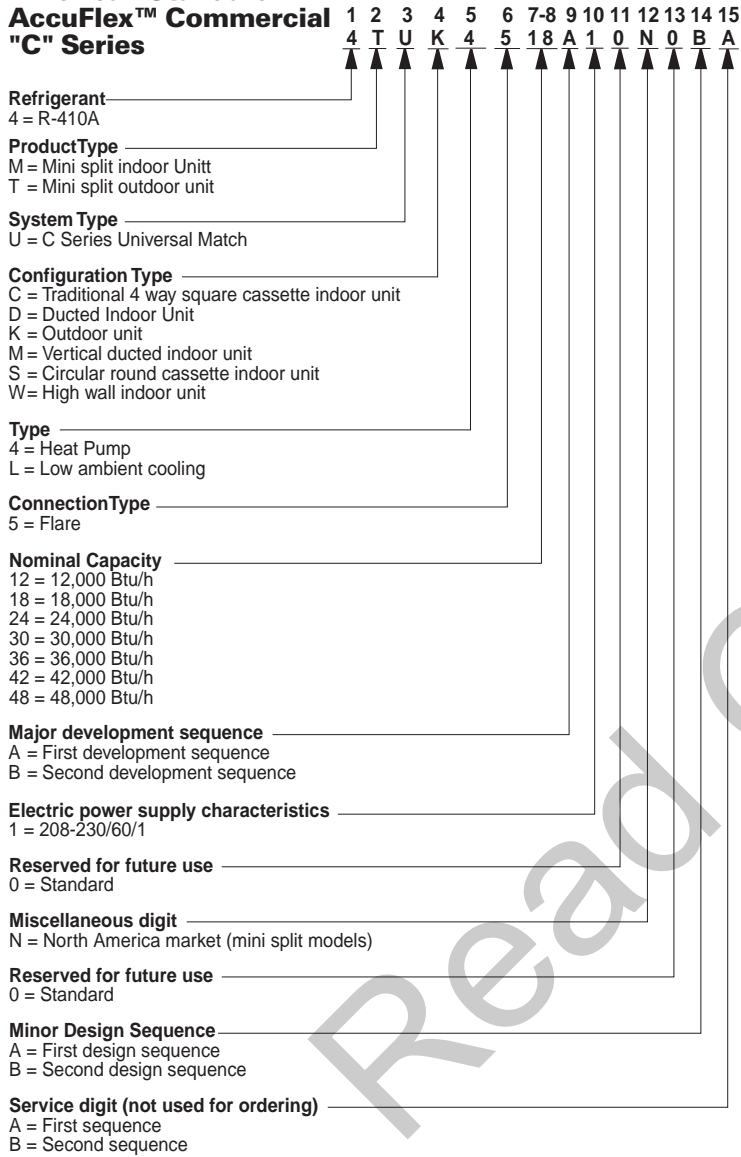
## Ductless Outdoor Unit





# Model Nomenclature Residential

## American Standard AccuFlex™ Commercial "C" Series



Read Only

# Model Nomenclature Residential

## VRF Mini Outdoor Unit

1 2 3 4 5 6 7 8 9 10 11 12 13 14  
4 T V H 0 0 4 8 B 1 0 0 N B

- Refrigerant \_\_\_\_\_  
4 = R-410A
- Brand Name \_\_\_\_\_  
T = Mini-Split Outdoor Unit
- System Type \_\_\_\_\_  
V = Variable Refrigerant Flow
- Functional Type Outdoor Unit \_\_\_\_\_  
H = Heat Pump, DC Inverter (VRF)  
R = Heat Recovery (3-pipe), DC Inverter (VRF)
- Special Application \_\_\_\_\_  
0 = Standard
- Nominal Capacity (Btu/h x 1,000) \_\_\_\_\_  
036 = 36,000 Btu/h    120 = 120,000 Btu/h  
048 = 48,000 Btu/h    144 = 144,000 Btu/h  
053 = 60,000 Btu/h    168 = 168,000 Btu/h  
072 = 72,000 Btu/h    192 = 192,000 Btu/h  
096 = 96,000 Btu/h
- Major Development Sequence \_\_\_\_\_  
B = Second Development Sequence  
C = Third Development Sequence
- Electric Power Supply Characteristics \_\_\_\_\_  
1 = 208-230/60/1  
3 = 208-230/60/3  
4 = 460/60/3
- Reserved for Future Use \_\_\_\_\_  
0 = Not Currently Used
- Reserved for Future Use \_\_\_\_\_  
0 = Not Currently Used
- Region of Sale \_\_\_\_\_  
N = North America (UL or ETL)
- Minor Design Sequence \_\_\_\_\_  
A = First Minor Design Sequence  
B = Second Design Sequence

## VRF Outdoor Unit

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

- Refrigerant \_\_\_\_\_  
4 = R-410A
- Brand Name \_\_\_\_\_  
T = Mini-Split Outdoor Unit
- System Type \_\_\_\_\_  
V = Variable Refrigerant Flow
- Functional Type Outdoor Unit \_\_\_\_\_  
H = Heat Pump, DC Inverter (VRF)  
R = Heat Recovery (3-pipe), DC Inverter (VRF)
- Special Application \_\_\_\_\_  
0 = Standard  
L = ProHeat
- Nominal Capacity (Btu/h x 1,000) \_\_\_\_\_  
036 = 36,000 Btu/h    120 = 120,000 Btu/h  
048 = 48,000 Btu/h    144 = 144,000 Btu/h  
053 = 60,000 Btu/h    168 = 168,000 Btu/h  
072 = 72,000 Btu/h    192 = 192,000 Btu/h  
096 = 96,000 Btu/h
- Major Development Sequence \_\_\_\_\_  
B = Second Development Sequence  
C = Third Development Sequence (Next Generation)
- Electric Power Supply Characteristics \_\_\_\_\_  
1 = 208-230/60/1  
3 = 208-230/60/3  
4 = 460/60/3
- Reserved for Future Use \_\_\_\_\_  
0 = Not Currently Used
- Reserved for Future Use \_\_\_\_\_  
0 = Not Currently Used
- Region of Sale \_\_\_\_\_  
N = North America (UL or ETL)
- Minor Design Sequence \_\_\_\_\_  
A = First Design Sequence  
B = Second Design Sequence  
C = Third Design Sequence

## VRF Indoor Unit

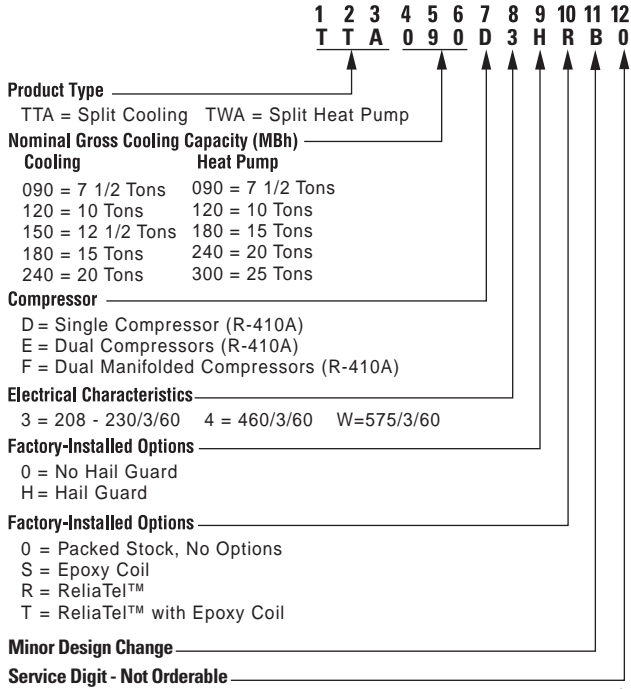
1 2 3 4 5 6 7 8 9 10 11 12 13 14  
4 T V D 0 0 1 8 B 1 0 0 N B

- Refrigerant \_\_\_\_\_  
4 = R-410A
- Brand Name \_\_\_\_\_  
T = Mini-Split Outdoor Unit
- System Type \_\_\_\_\_  
V = Variable Refrigerant Flow
- Configuration Type \_\_\_\_\_  
A = High Pressure Static Duct Type  
B = Mini 4-Way Cassette  
C = 4-Way Cassette  
D = Mid Pressure Static Duct Type  
E = 1-Way Cassette  
F = Floor standing  
L = Slim Duct Type (Low Pressure)  
M = Convertible Ducted  
N = Dedicated Outside Air Units  
S = Circular Cassettes  
X = Convertible Floor/Ceiling  
W = High Wall Type
- Reserved for Future Use \_\_\_\_\_  
0 = Not Currently Used
- Nominal Capacity (Btu/h x 1,000) \_\_\_\_\_  
007 = 7,000 Btu/h    030 = 30,000 Btu/h  
009 = 9,000 Btu/h    036 = 36,000 Btu/h  
012 = 12,000 Btu/h    048 = 48,000 Btu/h  
015 = 15,000 Btu/h    076 = 76,000 Btu/h  
018 = 18,000 Btu/h    096 = 96,000 Btu/h  
024 = 24,000 Btu/h
- Major Development Sequence \_\_\_\_\_  
A = First Design Sequence  
C = Second Design Sequence  
D = Fourth Design Sequence
- Electric Power Supply Characteristics \_\_\_\_\_  
1 = 208-230/60/1
- Reserved for Future Use \_\_\_\_\_  
0 = Not Currently Used
- Reserved for Future Use \_\_\_\_\_  
0 = Not Currently Used
- Region of Sale \_\_\_\_\_  
N = North America (UL or ETL)
- Minor Design Sequence \_\_\_\_\_  
A = First Design Sequence  
B = Second Design Sequence

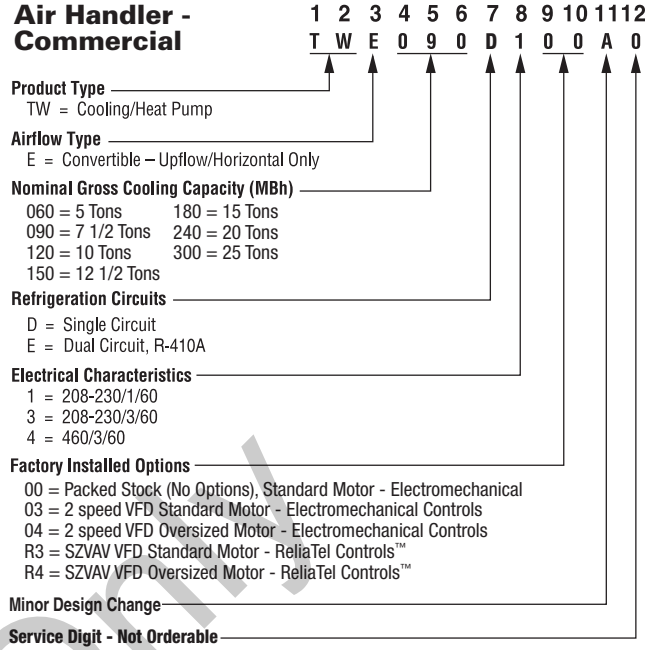
For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

# Model Nomenclature Light Commercial

## Commercial Condensing Units Cooling and Heat Pump



## Air Handler - Commercial



Read Only

# Model Nomenclature Light Commercial

## Packaged Units

**Y H C 0 3 7 E 3 R Z B \* \* C 0 0 0 A 1 0 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**

### Digit 1 – Unit Type

T = DX Cooling  
Y = DX Cooling, Gas Heat

### Digit 2 – Efficiency

H = High Efficiency

### Digit 3 – Airflow

C = Convertible

### Digit 4,5,6 – Nominal Gross Cooling Capacity (MBh)

037 = 3 Tons  
047 = 4 Tons  
067 = 5 Tons

### Digit 7 – Major Design Sequence

E = R-410A Refrigerant

### Digit 8 – Voltage Selection

3 = 208-230/60/3  
4 = 460/60/3

### Digit 9 – Unit Controls

R = ReliaTel™ Microprocessor

### Digit 10 – Heating Capacity

0 = No Electric Heat      G = 18 kW (1&3 phase)  
B = 6 kW (3 phase)      J = 23 kW (3 phase)  
E = 12 kW (3 phase)  
L = Low Heat  
M = Medium Heat  
H = High Heat  
X = Low Heat, Stainless Steel Heat Exchanger  
Y = Medium Heat, Stainless Steel Heat Exchanger  
Z = High Heat, Stainless Steel Heat Exchanger

### Digit 11 – Minor Design Sequence

A = First Sequence®

### Digit 12,13 – Service Sequence

\*\*Factory Assigned

### Digit 14 – Fresh Air Selection

0 = No Fresh Air  
A = Manual Outside Air Damper 0-50%Ⓣ  
B = Motorized Outside Air Damper 0-50%  
C = Economizer, Dry Bulb 0-100% without Barometric ReliefⓉ  
D = Economizer, Dry Bulb 0-100% with Barometric ReliefⓉ  
E = Economizer, Reference Enthalpy 0-100% without Barometric ReliefⓉ  
F = Economizer, Reference Enthalpy 0-100% with Barometric ReliefⓉ  
G = Economizer, Comparative Enthalpy 0-100% without Barometric ReliefⓉ  
H = Economizer, Comparative Enthalpy 0-100% with Barometric ReliefⓉ  
K = Low Leak Economizer, Dry Bulb with Barometric Relief  
M = Low Leak Economizer, Comparative Enthalpy with Barometric Relief  
P = Low Leak Economizer, Reference Enthalpy with Barometric Relief

① Standard on all variable stage units.

② Manual outside air damper will ship factory supplied within the unit, but must be field installed.

③ High pressure control is standard on all units.

④ Constant CFM direct drive is standard for 3-5 Ton variable stage units.

### Digit 15 = 0, 6

3 Phase (3-5 ton) = High Efficiency Constant CFM

⑤ 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.

### Digit 15 – Supply Fan/Drive Type/Motor

0 = Standard Drive®  
1 = Oversized Motor  
2 = Optional Belt Drive Motor®  
6 = Single Zone VAV®  
7 = Multi-Speed Indoor Fan®  
E = VAV Supply Air Temperature Control Standard Motor®

### Digit 16 – Hinged Service Access/Filters

0 = Standard Panels/Standard Filters  
A = Hinged Access Panels/Standard Filters  
B = Standard Panels/2" MERV 7 Filters  
C = Hinged Access Panels/2" MERV 7 Filters  
D = Standard Panels/2" MERV 13 Filters  
E = Hinged Access Panels/2" MERV 13 Filters

### Digit 17 – Condenser Coil Protection

0 = Standard Coil  
1 = Standard Coil with Hail Guard  
2 = Black Epoxy Pre-Coated Condenser Coil  
3 = Black Epoxy Pre-Coated Condenser Coil with Hail Guard  
4 = Complete Coat™ Condenser Coil  
5 = Complete Coat™ Condenser Coil with Hail Guard

### Digit 18 – Through the Base Provisions

Note: Applicable to Digit 1, T or Y models

0 = No Through the Base Provisions  
A = Through the Base Electric®  
B = Through the Base Gas Piping®  
C = Through the Base Electric and Gas Piping®

### Digit 19 – Disconnect/Circuit Breaker (three - phase only)

0 = No Disconnect/No Circuit Breaker  
1 = Unit Mounted Non-Fused Disconnect®  
2 = Unit Mounted Circuit Breaker®

### Digit 20 – Convenience Outlet

0 = No Convenience Outlet  
A = Unpowered Convenience Outlet  
B = Powered Convenience Outlet (three-phase only)Ⓣ

### Digit 21 – Communications Options

0 = No Communications Interface  
3 = Novar 2024 Controls  
4 = Novar 3051 Controls without Zone Sensor  
5 = Novar 3051 Controls Interface with DCV  
6 = BACnet™ Communications Interface

### Digit 22 – Refrigeration System Option

0 = Standard Refrigeration System®  
B = Dehumidification Option®

⑥ Through the base electric required when ordering disconnect/circuit breaker options.

⑦ Requires use of Disconnect or Circuit Breaker.

### Not Available

High Efficiency  
3-5 ton w/Standard Indoor Motor w/460V

① Standard metering devices are TXVs.

③ The return air smoke detector may not fit up or work properly on the Precedent 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.

⑩ Return Air Smoke Detector cannot be ordered with Novar Controls.

### Digit 23 – Refrigeration Controls

Note: Applicable to Digit 7 = E

0 = No Refrigeration Control®  
1 = Frostat  
2 = Crankcase Heater®  
3 = Frostat and Crankcase Heater®

### Digit 24 – Smoke Detector®

0 = No Smoke Detector  
A = Return Air Smoke Detector®  
B = Supply Air Smoke Detector  
C = Supply and Return Air Smoke Detectors®  
D = Plenum Smoke Detector

### Digit 25 – Monitoring Controls

0 = No Monitoring Control®  
1 = Clogged Filter Switch®  
2 = Fan Failure Switch®  
3 = Discharge Air Sensing Tube®  
4 = Clogged Filter Switch and Fan Fail Switch®  
5 = Clogged Filter Switch and Discharge Air Sensing Tube®  
6 = Fan Fail Switch and Discharge Air Sensing Tube®  
7 = Clogged Filter and Fan Fail Switches and Discharge Air Sensing Tube®  
8 = Novar Return Air Sensor®  
9 = Novar 3051 Zone Sensor®  
A = Condensate Drain Pan Overflow Switch  
B = Clogged Filter Switch® and Condensate Drain Pan Overflow Switch  
C = Fan Failure Switch® and Condensate Drain Pan Overflow Switch  
D = Discharge Air Sensing® and Condensate Drain Pan Overflow Switch  
E = Clogged Filter Switch®, Fan Failure Switch® and Condensate Drain Pan Overflow Switch  
F = Clogged Filter Switch®, Discharge Air Sensing Tuber and Condensate Drain Pan Overflow Switch  
G = Fan Failure Switch, Discharge Air Sensing Tuber and Condensate Drain Pan Overflow Switch  
H = Clogged Filter Switch®, Fan Failure Switch®, Discharge Air Sensing® and Condensate Drain Pan Overflow Switch

### Digit 26 – System Monitoring Controls

0 = No Monitoring Controls  
A = Demand Control Ventilation (CO<sub>2</sub>)®  
B = Fault Detection and Diagnostics (FDD)  
C = Fault Detection and Diagnostics (FDD) with Demand Control Ventilation

### Digit 27 – Unit Hardware Enhancements

0 = No Enhancements  
1 = Stainless Steel Drain Pan

### Digit 31 – Advanced Unit Controls

0 = Stainless Steel Drain Pan  
1 = Human Interface

⑪ These options are standard when ordering Novar Controls.

⑫ This option is used when ordering Novar Controls.

⑬ Includes gas piping and shutoff (field assembly required).

⑭ Not available with high temperature duct sensor accessory.

⑮ Novar Sensor utilized with Digit 21 = (4) Novar 3051 Controls without Zone Sensor.

⑯ Available for T/Y 3,4,5 ton high efficiency models.

⑰ Requires selection of 2" Pleated Filters (option B or C) for Digit 16.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

# Model Nomenclature Light Commercial

**G A C 1 8 0 A 3 E Z A 0 0**  
**1 2 3 4 5 6 7 8 9 10 11 12 13**

## Digit 1 – Unit Type

E = Packaged Cooling, Electric Heat  
G = Packaged Cooling, Electric Heat

## Digit 2 – Efficiency

A = ASHRAE 90.1 - 2010

## Digit 3 – Airflow Configuration

C = Convertible  
D = Downflow Only<sup>④</sup>

## Digit 4, 5, 6 – Nominal Gross Cooling Capacity (MBh)

180 = 15 Tons  
210 = 17½ Tons  
240 = 20 Tons  
300 = 25 Tons

## Digit 7 – Major Design Sequence

A

## Digit 8 – Voltage Selection

3 = 208-230/60/3  
4 = 460/60/3  
K = 380/60/3  
W = 575/60/3

## Digit 9 – Unit Controls

E = Electromechanical

## Digit 10 – Heating Capacity

**Note:** (Applicable to Digit 1 E models only)

0 = No Heat  
G = 18 kW Electric Heat  
N = 36 kW Electric Heat  
P = 54 kW Electric Heat  
R = 72 kW Electric Heat

**Note:** (Applicable to Digit 1 G models only)

H = Gas Heat - High<sup>④</sup>  
L = Gas Heat - Low  
M = Gas Heat - Medium  
X = Gas Heat - SS Ht Ex - Low  
W = Gas Heat - SS Ht Ex - Medium  
Z = Gas Heat - SS Ht Ex - High<sup>④</sup>

## Digit 11 – Minor Design Sequence

## Digit 12-13 – Service Sequence

0 = None

## Digit 14 – Fresh Air Selection

0 = No Fresh Air  
A = Manual Outside Air Damper 0-50%  
B = Motorized Outside Air Damper 0-50%  
C = Economizer, Dry Bulb 0-100% without Barometric Relief  
D = Economizer, Dry Bulb 0-100% with Barometric Relief<sup>①</sup>  
E = Economizer, Reference Enthalpy 0-100% without Barometric Relief  
F = Economizer, Reference Enthalpy 0-100% with Barometric Relief<sup>①</sup>  
G = Economizer, Comparative Enthalpy 0-100% without Barometric Relief  
H = Economizer, Comparative Enthalpy 0-100% with Barometric Relief<sup>①</sup>

## Digit 15 – Supply Fan/Drive Type/Motor

0 = Standard Motor  
1 = Oversized Motor  
7 = Multi-Speed Standard Motor  
9 = Multi-Speed Oversized Motor

## Digit 16 – Not Used

## Digit 17 – Condenser Coil Protection

0 = Standard Coil  
4 = CompleteCoat™ Condenser Coil

## Digit 18 – Through The Base Provisions

**Note:** (Applicable to Digit 1, E models)

0 = No Through The Base Provisions  
A = Through The Base Electric

**Note:** (Applicable to Digit 1, G models only)

0 = No Through The Base Provisions  
A = Through The Base Electric  
B = Through The Base Gas<sup>①</sup>  
C = Through The Base Electric/Gas

## Digit 19 – Disconnect Switch

0 = No Disconnect/circuit break  
1 = Unit Mounted Non-Fused Disconnect Switch<sup>②</sup>

## Digit 20 – Not Used

## Digit 21 – Not Used

## Digit 22 – Not Used

## Digit 23 – Not Used

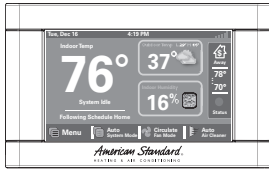
## Digit 24 – Not Used

## Digit 25 – System Monitoring Controls

0 = No Monitoring Controls  
A = Condensate Drain Pan Overflow Switch

- ① Some field set up required.  
② Must be ordered with Through-the-Base Electrical option.  
③ All Factory Installed Options are Built-to-Order. Check order services for estimated production cycle.  
④ High heat is available on dowflow units only.

## Conventional 24 Volt Connected Controls



**GOLD 824**  
**ACONT824AS52DA**



### ACONT824AS52DA

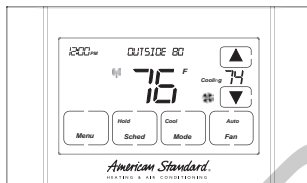
- Nexia™ Z-Wave Bridge Inside
- Connect over 200 Z-Wave devices<sup>①②</sup>
- WiFi or Ethernet connection
- Control from a smartphone, tablet, or computer<sup>①②</sup>
- 4.3" diagonal color touchscreen
- 7 Day programmable with up to four schedules per day
- Five day weather forecast, weather radar, and weather alerts<sup>①</sup>
- Indoor relative humidity display
- Enhanced dehumidification (cooling)
- 2 Auxiliary dry contacts control 2 of the following: Whole house humidifier, dehumidifier, or ventilation system
- Test modes and alert diagnostics
- Screen access restrictions
- Nexia™ Diagnostics<sup>①</sup>
- Over-the-air software upgrade<sup>①</sup>
- Local software upgrade option
- Silver color
- Limited Warranty: 5 yr. base/10 yr. registered

### Application:

- Conventional gas/electric, heat pump, and dual fuel systems
- Conventional boiler systems (forced air only)
- Conventional HVAC systems:
- 2 Heat / 2 cool
- Heat Pump systems: Up to 5 stages heat / 2 stages cool (2 compressor heat - 3 auxiliary heat / 2 cooling)
- Heat Pump switchover valve: selectable "with cool or with heat"
- Remote wired indoor temperature sensor (optional) ZZSENSAL0400AA
- Remote wireless indoor temperature and humidity sensor (optional): ZSENS930AW00MA
- Remote wired outdoor temperature sensor (optional) BAYSEN01ATEMPA
- PWM Circuit (BK terminal): controls indoor unit variable speed blower
- Wall cover plate BAYCOVR800A

### Dimensions:

- Product: 5.43"w x 3.39"h x 1.30"d
- Display: 4.15"w x 2.65"h



**SILVER 724**  
**ACONT724AS42DA**



### ACONT724AS42DA<sup>③</sup>

- Nexia™ compatible<sup>①②</sup>
- WiFi connectivity
- Control from a smartphone, tablet, or computer<sup>①②</sup>
- 4.3" diagonal black and white touchscreen
- 7 Day programmable with up to 4 schedules per day
- Humidity sensor and RH display
- Remote temperature sensor connections (1 indoor/1 outdoor)
- Auxiliary & compressor heat lockouts
- Auxiliary dry contact
- Enhanced dehumidification (cooling)
- PWM Circuit (BK terminal): controls indoor unit variable speed blower
- Energy Savings Mode (ESM)
- Screen lock and guest lock
- Service test modes
- Upgradable software
- Color: Designer Silver
- Limited Warranty: 1 yr. base/5 yr. registered

### Application:

- Up to 4 Stages Heat/2 Stages Cool
- Conventional gas/electric, heat pump, and dual fuel systems
- Conventional boiler systems (baseboard & radiators)
- Remote wired indoor temperature sensor (optional): ZZSENSAL0400AA
- Remote wired outdoor temperature sensor (optional): BAYSEN01ATEMPA
- Wall cover plate BAYCOVR800A
- Nexia™ Bridge is required for control of Z-Wave devices and remote climate access. The Nexia™ Bridge is purchased separately.<sup>①②</sup>

### Dimensions:

- Product: 5.9"w x 3.47"h x .95"d
- Display: 3.8"w x 2.3"h

<sup>①</sup> Requires internet service and Nexia™ smart home system registration.

<sup>②</sup> Nexia™ remote climate access is included with the purchase for up to 4 Connected Controls per home. Adding accessories or additional controls to your Nexia™ system may require a monthly subscription.

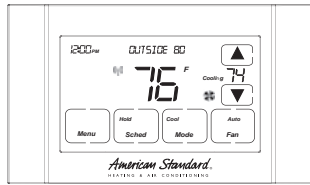
<sup>③</sup> Available 2018



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**SILVER 624**  
**ACONT624AS42DA**



## Conventional 24 Volt Connected Controls

### ACONT624AS42DA

- Nexia™ compatible
- Z-wave connectivity
- Control from a smartphone, tablet, or computer ①②③
- 4.3" diagonal black and white touchscreen
- 7 Day programmable with up to 4 schedules per day
- Humidity sensor and RH display
- Remote temperature sensor connections (1 indoor/1 outdoor)
- Auxiliary & compressor heat lockouts
- Auxiliary dry contact
- Enhanced dehumidification (cooling)
- Adjustable variable speed fan settings (PWM)
- Energy Savings Mode (ESM)
- Screen lock and guest lock
- Service test modes
- Upgradable software
- Silver color
- Limited Warranty: 1 yr. base/5 yr. registered

### Application:

- Up to 4 Stages Heat/2 Stages Cool
- Conventional gas/electric, heat pump, and dual fuel systems
- Conventional boiler systems (baseboard & radiators)
- Remote wired indoor temperature sensor (optional): ZZSENSAL0400AA
- Remote wired outdoor temperature sensor (optional): BAYSEN01ATEMPA
- Wall cover plate BAYCOVR800A
- Nexia™ Bridge is required for control of Z-Wave devices and remote climate access. The Nexia™ Bridge is purchased separately.

### Dimensions:

- Product: 5.9"w x 3.47"h x .95"d
- Display: 3.8"w x 2.3"h

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

① Requires internet service and Nexia™ smart home system registration.  
 ② Nexia™ remote climate access is included with the purchase for up to 4 Connected Controls per home. Adding accessories or additional controls to your Nexia™ system may require a monthly subscription. Remote access is via most web-enabled smartphones, tablets and computers.  
 ③ Requires Nexia™ Bridge

# AccuLink™ Communicating Connected Controls



**PLATINUM 1050  
AZON1050AC52ZA**



## AZON1050AC52ZA

- Nexia™ Z-Wave Bridge Inside
- Connect over 200 Z-Wave devices<sup>①②</sup>
- Nexia™ Diagnostics <sup>①</sup>
- WiFi or Ethernet connection
- Control from a smartphone, tablet, or computer <sup>①②</sup>
- 7" diagonal color touchscreen
- 1-Touch Presets - Home, Away, Sleep
- 7 Day programmable with up to four schedules per day
- Customizable Home Screen
- Runtime History
- Allergy and Quick Clean Air Cycles
- Smart Continuous Fan
- Adjustable Continuous Airflow (35-100%)
- Screen access restrictions
- Dealer Contact Widget
- Service, Filter, Humidifier, UV Light, Air Cleaner Reminders
- Five day weather forecast, weather radar, and weather alerts <sup>①</sup>
- Indoor relative humidity display
- Test modes and alert diagnostics
- Over-the-air Software Upgrade <sup>①</sup>
- Local Software Upgrade option
- Color: Designer Silver
- Limited Warranty: 5 yr. base/10 yr. registered

## Application:

- AccuComfort™ Variable Speed
- AccuLink™ II Two Stage Systems
- AccuLink™ II Zoning Systems
- AccuComfort™ Variable speed outdoor cooling or heat pump unit combined with S-Series non-communicating variable speed furnace and "C" model Relay Panel
- Relay panel (BAY24VRP52DC) is required when applied with conventional systems (Gas Electric, Heat Pump, Dual Fuel, Boilers - forced air only)
- Relay Panel Supports:
  - Up to 5 stages heat, 2 stages cool
  - Connections for Remote indoor and outdoor temperature sensors
  - 3 Dry Auxiliary Contacts to control whole house humidifier, dehumidifier, or ventilation system
- Remote wired indoor temperature sensor (optional) ZZSENSAL0400AA
- Remote wireless indoor temperature and humidity sensor (optional): ZSENS930AW00MA
- Remote wired outdoor temperature sensor (optional) BAYSEN01ATEMPA

## Dimensions:

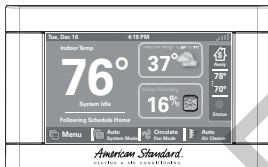
- Product: 7.2"w x 4.5"h x 1.2"d
- Display: 6.1"w x 3.3"h

## Application:

- AccuLink™ communicating systems (variable speed and two stage)
- Variable speed outdoor cooling combined with S-Series non-communicating variable speed furnace and "C" model Relay Panel
- Conventional gas/electric, heat pump, dual fuel systems, or boiler systems (forced air only) with use of relay panel model BAY24VRPAC52DB. Relay panel controls up to 5 stages heat, 2 stages cool, remote indoor and outdoor connections, humidifier, dehumidifier, and ventilation system.
- Remote wired indoor temperature sensor (optional) ZZSENSAL0400AA
- Remote wireless indoor temperature and humidity sensor (optional): ZSENS930AW00MA
- Remote wired outdoor temperature sensor (optional) BAYSEN01ATEMPA

## Dimensions:

- Product: 5.43"w x 3.39"h x 1.30"d
- Display: 4.15"w x 2.65"h



**PLATINUM 850  
ACONT850AC52UA**



## ACONT850AC52UA

- Nexia™ Z-Wave Bridge Inside
- Connect over 200 Z-Wave devices
- WiFi (802.11 b/g/n) or Ethernet connection
- Control from a smartphone, tablet, or computer <sup>①②</sup>
- 4.3" diagonal color touchscreen
- Compatible with AccuLink™ communicating systems (variable speed and two stage)
- Compatible with conventional 24 volt HVAC, heating, heat pump, and dual fuel systems when used with accessory relay panel model BAY24VRPAC52DB
- 7 Day programmable with up to six schedules per day
- Five day weather forecast, weather radar, and weather alerts <sup>①</sup>
- Indoor relative humidity display
- Test modes and alert diagnostics
- Nexia™ Diagnostics
- Upgradable software
- Silver color
- Wall Cover Plate BAYCOVR800A
- Limited Warranty: 5 yr. base/10 yr. registered

<sup>①</sup> Requires internet service and connection to Nexia™ smart home system.

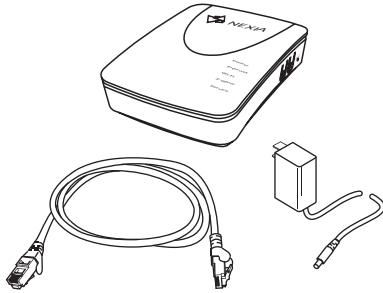
<sup>②</sup> Nexia™ remote climate access is included with the purchase of up to 4 Connected Controls per home. Adding accessories to your Nexia™ system may require a monthly subscription for remote access via most web-enabled smartphones, tablets and computers.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

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## Nexia™ Bridges & Starter Bundles



**Nexia™ Bridge**

**Nexia™ Bridge**

SKU: 811097020433

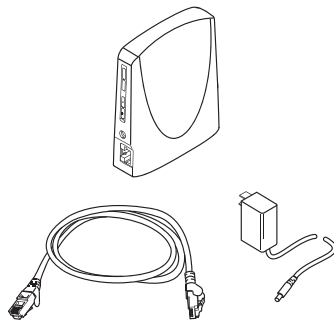
- Includes Nexia™ Bridge (Z-Wave to broadband), ethernet cable, and power supply
- The Nexia™ Bridge allows remote access of Z-Wave enabled devices through your smart phone, tablet, or P.C.
- Secure Connection with server for homeowner protection
- Easy Installation and Set-Up

**Application:**

Use with Nexia™ compatible Z-Wave devices.

**Dimensions:**

- Nexia™ Bridge: 3.13" w x 4.55" d x 1.2" h
- Shipping Weight: 1 lb.



**Nexia™ Bridge**

**Nexia™ Bridge**

SKU: 811097020006

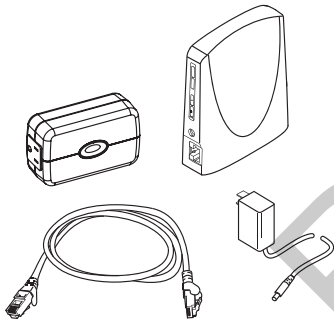
- Includes Nexia™ Bridge (Z-Wave to broadband), ethernet cable, and power supply
- The Nexia™ Bridge allows remote access of Z-Wave enabled devices through your smart phone, tablet, or P.C.
- Secure Connection with server for homeowner protection
- Easy Installation and Set-Up

**Application:**

Use with Nexia™ compatible Z-Wave devices.

**Dimensions:**

- Nexia™ Bridge: 4.0" w x 4.8" h x 1.4" d
- Shipping Weight: 1 lb.



**Nexia™ Bridge Starter Bundle with Home Appliance Module**

**Nexia™ Home Starter Bundle**

SKU: 811097020129

- Includes Nexia™ Bridge (Z-Wave to broadband), one RP100BX Home Appliance Module, ethernet cable, and power supply
- The Nexia™ Bridge allows remote access of Z-Wave enabled devices through your smart phone, tablet, or P.C.
- Secure Connection with server for homeowner protection
- Easy Installation and Set-Up

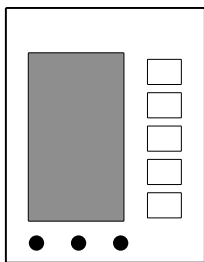
**Application:**

• Use with Nexia™ compatible Z-Wave devices.

**Dimensions:**

- Nexia™ Bridge: 4.0" w x 4.8" h x 1.4" d
- Home Appliance Module: 4.0" W x 2.4" H x 1.6" d
- Shipping Weight: 2 lbs.

## Scene Controller



**Nexia™ One Touch**

**Nexia™ One Touch**

SKU: 811097020341

- Control smart products with the touch of a button ①
- Assign any mode or automation to any button
- 15 Programmable Presets
- Works stand-alone, no phone and computer required

**Application:**

- Power: 2 AAA Alkaline Batteries
- RF: 908.4 MHz
- Battery Life: Approximately 1 year
- Indoor Use Only
- Mounting: Includes screws and wall anchors

**Dimensions:**

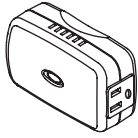
- Size: 3.25" w x 4.58" h x .060" d
- Weight: 1 lb.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

① Requires internet service and Nexia™ smart home system registration.

## Nexia™ Compatible Products

### Dimmer Modules



Light Dimmer Module

#### Dimmer Light Module

SKU: 811097020082

- Dimmer Light Module and Z-Wave Signal Repeater
- Used to control and dim plug-in incandescent lighting ①

#### Application:

- Max load both outlets = 15 Amps, 1800 Watt resistive
- Max load Z Wave controlled outlet = 300 Watts incandescent only
- Shipping Weight: 1 lb.



Home Appliance Module

#### Appliance Module

SKU: 811097020044

- Home Appliance Module and Z-Wave Signal Repeater
- Used to control small appliances and plug-in incandescent, fluorescent, and LED lighting. On/Off control ①
- May be used to control/reduce standby loss from plug-in power supplies and small electronic loads ①

#### Application:

- Max load both outlets = 15 Amps, 1800 Watt resistive
- Max load Z Wave controlled outlet = 600 Watts incandescent, 1/2 HP, 1800 Watt resistive
- Shipping Weight: 1 lb.

### Lighting



Z-Wave Light Bulb

#### LED Light Bulb

SKU: 093863132995

- 60 watt equivalent LED dimmable Z-Wave light bulb
- Compatible with any certified Z-Wave based system such as Nexia™ ①
- Instant on and fully dimmable
- 22.8 years life at 3 hours per day average use
- 2700K soft white light
- Light can be activated, deactivated and fully dimmed remotely ①
- Light can be triggered from compatible sensors and locks ①

#### Application:

- Protocol: Z-Wave
- Manufacturer: Linear
- Manufactured in China

#### Unit Dimensions:

- 2.95" x 4.92" x 2.95"
- Unit weight: 4.6 oz

#### Case Dimensions:

- Quantity - 10 units
- 4.5" x 3.3" x 5.3"

#### Warranty

- 1-Year Limited Warranty



G.E. In-Wall Fan Control Switch

#### Fan Control Switch

SKU: 030878127301

- Turn fan on/off and control up to three speed levels remotely from Nexia™ app
- Interchangeable paddles; white and light almond included in package (wall plate not included)
- Easy to install; includes space-saving screw terminals and neutral jumper wires
- Automate with Nexia™ based on temperature (with Z-Wave temperature sensor) or time of day
- Trigger actions from other smart products
- LED indicator glows in dark

#### Application:

- Protocol: Z-Wave
- Power: 120 VAC, 60Hz
- Max Load: 1.5A no more than two identical fans per switch not to exceed 1.5A resistive load - Controls Fan Motor Only - for use with split capacitor or shaded pole ceiling fan motors
- Operating Temperature: 0°C-40°C
- Indoor Use Only
- Specifications subject to change without notice

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

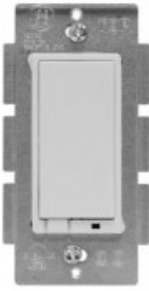
① Requires internet service and Nexia™ smart home system registration.

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## Nexia™ Compatible Products

**G.E. In-Wall Dimmer Switch****Dimmer Switch**

SKU: 043180457127

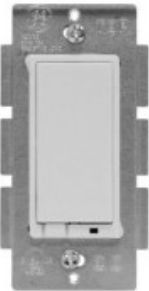
- Turn light on/off or dim any incandescent lighting remotely from Nexia™ app ①
- Interchangeable paddles; white and light almond included in package (wall plate not included)
- Easy to install; includes space-saving screw terminals
- Automate with Nexia™ based on time of day
- Trigger actions from other smart products
- LED indicator glows in dark

**Application:**

- Protocol: Z-Wave
- Power: 120 VAC, 60Hz
- Max Load: 1000W, 2-gang 800W and 3-gang 600W
- Operating Temperature: 0°C-40°C
- Indoor Use Only
- Specifications subject to change without notice

**Warranty**

- 1-Year Limited Warranty

**G.E. In-Wall On/Off Switch****On/Off Switch**

SKU: 043180457097

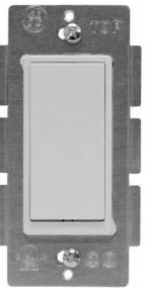
- Turn any light on/off remotely from Nexia™ app ①
- Interchangeable paddles; white and light almond included in package (wall plate not included)
- Easy to install; includes space-saving screw terminals
- Automate with Nexia™ based on time of day
- Trigger actions from other smart products
- LED indicator glows in dark

**Application:**

- Protocol: Z-Wave
- Power: 120 VAC, 60Hz
- Max Load: 960W Incandescent, 1/2 HP Motor, 1800W (15A) Resistive
- Operating Temperature: 0°C-40°C
- Indoor Use Only
- Specifications subject to change without notice

**Warranty**

- 1-Year Limited Warranty

**G.E. In-Wall 3-Way Add-on Switch****3-Way Add-on Switch**

SKU: 043180457103

- The GE Add-On Switch mirrors the functionality of the GE switch with which it is paired. Unlike traditional lighting controls, all paired switches perform the same functions. ①
- Compatible with all In-Wall GE Switches, Dimmers and Fan Controls
- Required for use with 3- and 4-way wiring
- Interchangeable paddles; white and light almond included in package (wall plate not included)
- Easy to install; includes space-saving screw terminals

**Application:**

- Protocol: Z-Wave
- Power: 120 VAC, 60Hz
- Operating Temperature: 0°C-40°C
- Indoor Use Only
- Specifications subject to change without notice

**Warranty**

- 1-Year Limited Warranty

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.



## Nexia™ Compatible Products



**Linear In-Wall Switch**

### On/Off Switch

SKU: 093863122941

- Turn any light on/off remotely from Nexia™ app ①
- Includes decor wall plate
- Serves as Z-Wave repeater
- Automate with Nexia™ based on time of day
- Trigger actions from other smart products
- LED indicator glows in dark

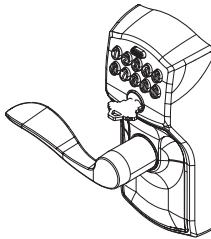
### Application:

- Protocol: Z-Wave
- Power: 120 VAC, 60Hz
- Max Load: 960W Incandescent, 1/2 HP maximum
- Operating Temperature: 0°C-40°C
- Indoor Use Only
- Specifications subject to change without notice

### Warranty

- 1-Year Limited Warranty

## Locks and Deadbolts



**Lever Lock**

### Lever Lock

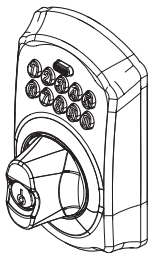
- Remotely engage/release locking mechanism from a computer or compatible web enabled mobile device ①
- Confirm lock status from a computer or compatible web enabled mobile device ①
- Assign up to 19 personalized 4 digit codes
- Up to 3 year battery life
- Provides battery level status at the lock and remotely ①
- Available in 3 finishes: Bright Brass, Satin Nickel, Aged Bronze
- Class 2 rated door lock
- Lifetime limited mechanical and finish warranty
- 1-year limited electronics warranty

### Model number and finish:

- BAY599BBALLFEA - Bright Brass  
SKU: 043156296231
- BAY599SNALLFEA - Satin Nickel  
SKU: 043156296248
- BAY599ABALLFEA - Aged Bronze  
SKU: 043156296255

### Dimensions:

- Carton Size: 6" x 7.75" x 9.56"
- Shipping Weight: 5.5 lbs.



**Deadbolt**

### Deadbolt Lock

- Remotely engage/release locking mechanism from a computer or compatible web enabled mobile device ①
- Confirm lock status from a computer or compatible web enabled mobile device ①
- Assign up to 19 personalized 4 digit codes
- Up to 3 year battery life
- Provides battery level status at the lock and remotely ①
- Available in 3 finishes: Bright Brass, Satin Nickel, Aged Bronze
- Class 2 rated door lock
- Lifetime limited mechanical and finish warranty
- 1-year limited electronics warranty

### Model number and finish:

- BAY369BBADBBEA - Bright Brass  
SKU: 043156295982
- BAY369SNADBBEA - Satin Nickel  
SKU: 043156296187
- BAY369ABADBBEA - Aged Bronze  
SKU: 043156296194

### Dimensions:

- Carton Size: 5.75" x 7.93" x 8.5"
- Shipping Weight: 6 lbs.



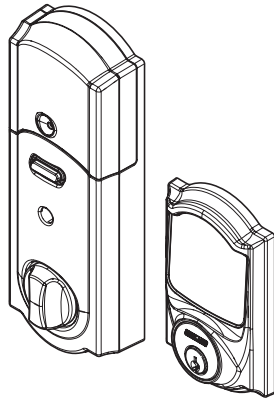
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## Nexia™ Compatible Products

### Locks and Deadbolts



**Touchscreen Deadbolt  
Camelot**

#### Camelot Touchscreen Deadbolt

- Motorized bolt automatically locks and unlocks when code is entered
- Anti-pick shield protects against tampering
- Built-in alarm technology
- Remotely lock/unlock from a computer or compatible web enabled mobile device ①
- Confirm lock status from a computer or compatible web enabled mobile device ①
- Assign up to 30 personalized 4-8 digit codes
- Up to 3 year battery life
- Provides battery level status at the lock and remotely ①

- Camelot touchscreen deadbolt available in Satin Nickel or Aged Bronze finish
- Lifetime limited mechanical and finish warranty
- 1-year limited electronics warranty

**Model number and finish:**

- BAY469SNACAMEA - Satin Nickel  
SKU: 043156312108
- BAY469ABACAMEA - Aged Bronze  
SKU: 043156312191
- BAY469BBACAMEA - Bright Brass  
SKU: 043156312207
- BAY469MBACAMEA - Matt Black  
SKU: 0431564051

**Dimensions:**

- Camelot: Inside 3.0"w x 5.0" H  
Inside 3.0"w x 8.28"h
- Shipping Weight: 3.8 lbs.



**Handleset with Interior Knob**

#### Lower Part of Schlage® Handleset with Interior Knob

- Lower part of handleset with knob in Satin Nickel, Aged Bronze or Bright Brass finish
- Lifetime limited mechanical and finish warranty

Finish	SKU
Satin Nickel	043156908325
Aged Bronze	043156908349
Bright Brass	043156908288



**Handleset with Interior Lever**

#### Lower Part of Schlage® Handleset with Interior Lever

- Lower part of handleset with lever in Satin Nickel, Aged Bronze or Bright Brass finish
- Available in left or right hand orientation
- Lifetime limited mechanical and finish warranty

L/R	Finish	SKU
LH	Satin Nickel	043156908233
RH	Satin Nickel	043156908226
LH	Aged Bronze	043156908271
RH	Aged Bronze	043156908264
LH	Bright Brass	043156908219
RH	Bright Brass	043156908202



**Gregorian Knobs & Levers**



Finish	SKU
Satin Nickel	043156994472
Aged Bronze	043156889938
Bright Brass	043156961245

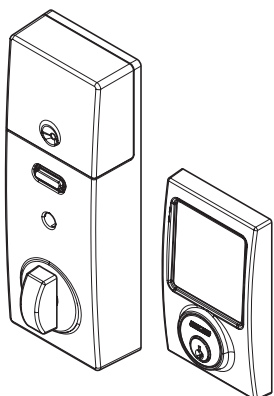


Finish	SKU
Satin Nickel	043156791422
Aged Bronze	043156889914

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

① Requires internet service and Nexia™ smart home system registration.

## Nexia™ Compatible Products



**Touchscreen Deadbolt  
Century**

### Century Touchscreen Deadbolt

- Motorized bolt automatically locks and unlocks when code is entered
- Anti-pick shield protects against tampering
- Built-in alarm technology
- Remotely lock/unlock from a computer or compatible web enabled mobile device ①
- Confirm lock status from a computer or compatible web enabled mobile device ①
- Assign up to 30 personalized 4-8 digit codes
- Up to 3 year battery life
- Provides battery level status at the lock and remotely ①
- Century touchscreen deadbolt available in Satin Nickel finish only
- Lifetime limited mechanical and finish warranty
- 1-year limited electronics warranty

### Model number and finish:

- BAY469SNACENEA - Satin Nickel  
SKU: 043156312283
- BAY469MBACENEA - Matt Black  
SKU: 043156454068

### Dimensions:

- Century: Outside 3.0"w x 5.0" H  
Inside 3.0"w x 8.17"h
- Shipping Weight: 3.8 lbs.

## Wireless Cameras



**Wireless Indoor Camera**

### Wireless Indoor Camera

SKU: 811097020426

- Nexia™ Web Camera - Wireless
- Indoor, fixed camera (power supply included)
- Remotely view and monitor your home from a computer or compatible web enabled mobile device ①
- Secure Connection with server for homeowner protection
- Plug and Play with System
- infrared illumination for night vision

### Application:

- Resolution: 1920 x 1080, 1280 x 720, 640 x 480, 320 x 240
- Video Compression: H.264, MJPEG
- Operating Temp: 32°F (0°C) to 113°F (45°C)
- Storage Temp: -4°F (-20°C) to 158°F (70°C)
- Wireless: IEEE 802.11b/g/n, WEP 64/128 bit, WPA/WPA2 personal security support
- Power Adapter: 12V/1A, 100~240VAC (indoor use only)

### Dimensions:

- 2.8" W x 2.7" H x 1.2" D



**Wireless Outdoor Camera**

### Wireless Outdoor Camera

SKU: 811097020419

- 1080P Wireless Web Camera
- Outdoor, fixed camera (power supply included)
- 300% more pixels 60% wider field (140°) of view from prior model outdoor camera
- 16GB onboard storage
- Built in motion sensor (trigger video when motion detected) and infrared illumination for night vision
- Remotely view and monitor your home from a computer or compatible web enabled mobile device ①
- Secure Connection with server for homeowner protection
- Plug and Play with System

### Application:

- Resolution: 1280 x 720, 640 x 480, 320 x 240
- Video Compression: H.264, MJPEG
- Operating Temp: -4°F (-20°C) to 104°F (40°C)
- Storage Temp: -40°F (-40°C) to 158°F (70°C)
- Wireless: IEEE 802.11b/g/n, WEP 64/128 bit, WPA/WPA2 personal security support
- Power Adapter: 12V/1.5A, 100~240VAC (indoor use only)

### Dimensions:

- 3.3" W x 4.8" H x 3" D

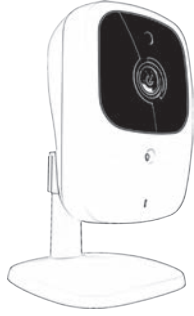
For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

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## Nexia™ Compatible Products



**Wireless Indoor Camera**

### Wireless Indoor Camera

SKU: 811097020303

- Nexia™ Web Camera - Wireless
- Indoor, fixed camera (power supply included)
- Remotely view and monitor your home from a computer or compatible web enabled mobile device ⓘ
- Secure Connection with server for homeowner protection
- Plug and Play with System
- infrared illumination for night vision

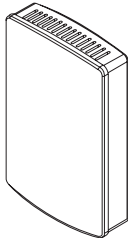
### Application:

- Resolution: 1280 x 720, 640 x 480, 320 x 240 (QVGA)
- Video Compression: H.264, MJPEG
- Operating Temp: 32°F (0°C) to 104°F (40°C)
- Storage Temp: -4°F (-20°C) to 158°F (70°C)
- Wireless: IEEE 802.11n/802.11b, 802.11g compatible, WEP 64/128 bit, WPA/WPA2 personal security support
- Power Adapter: 12V/1A, 100~240VAC

### Dimensions:

- 71mm W x 120mm H x 79mm D

## Remote Temperature Sensor



**Remote Wireless Indoor Sensor**

Available 1st Quarter

### ZSENS930AW00MA

- Indoor Wireless Temperature and Humidity Sensor for use with ACONT824, ACONT850, AZON1050
- Operating Ambient Temperature Range: 32° to 104°F (0° to 40°C)
- Power Supply: Two AAA alkaline batteries
- Sensor Accuracy: +/-1°F over the sensing range of 32°F to 120°F (0° to 48.9°C)
- Operating Relative Humidity: 10% to 90% non-condensing

### Dimensions in in. (mm):

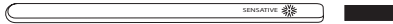
- 2.0" (51)w x 3.25" (83)h x .6 (15)d
- Storage Temperature: -40° to 140°F (-40° to 65°C)
- Finish: White

## Security Sensors & Alarms

### Sensitive Door/Window Sensor

SKU: 851166005107

- Ultra thin design (less than 3 mm ) for invisible mounting between most doors/windows and their frames
- Simple to set up with the included adhesive backing and Long lasting battery life. (Up to 10 years)
- Indoor or outdoor use
- Not for use on metal surfaces



### Application:

- Protocol: Z-Wave
- Manufacturer: Sensitive

### Application:

- Indoor Range: 130 ft.
- Magnetic Range: 0.6"
- Operating Temperature: -4°F-140°F (-20°C-60°C)

### Dimensions:

- Size: 7.7"l x 0.6"w x 0.12"t magnet 1.2"l x 0.43"w x 0.04"t
- Weight: 2 oz.

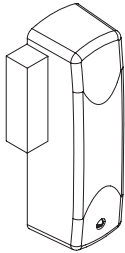
### Warranty

- 1-Year Limited Warranty

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

# Nexia™ Compatible Products

## Security Sensors & Alarms



**Door/Window Sensor**

### Door/Window Sensor

SKU: 811097020105

- Door / Window Sensor
- Reports open/closed status of doors and windows ①
- Set Nexia™ to send notification when doors or windows are opened ①
- Set Nexia™ to change the thermostat setting when windows have been opened or closed ①②
- Simple installation and set up
- Up to 3-year battery life for normal usage, no wiring required

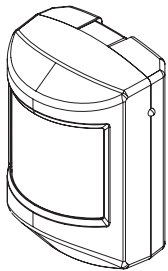
- For indoor use
- White and brown cover available to match your door or window

### Application:

- Operating Temp -0°C to 49°C
- Range: 60 ft
- Operating frequency: 908.41 MHz

### Dimensions:

- 3.5" w x 1.75" h x 1" d
- Shipping weight: 1 lb



**Motion Sensor**

### Motion Sensor

SKU: 811097020112

- Motion Sensor
- Text or e-mail alert when activity is detected ①
- Trigger Nexia™ compatible cameras when motion is detected ①③
- Set up to turn on lights when there is activity present ①
- Simple installation and set up
- Up to 3 year battery life
- For indoor use

### Application:

- Operating Temp -0°C to 49°C
- Range: 60 ft
- Detection area: 20' \* 39' (radial distance)
- Detection angle: 90 degrees
- Operating frequency: 908.41 MHz
- Pet immunity: Set at approx. 50 lbs / 22.7 kg. Optional

### Dimensions:

- 3.5" w x 2.5" h x 2" d
- Shipping weight: 1 lb



**Fibaro Z-Wave Multi Sensor**

### Z-Wave Multi Sensor

SKU: 857934005096

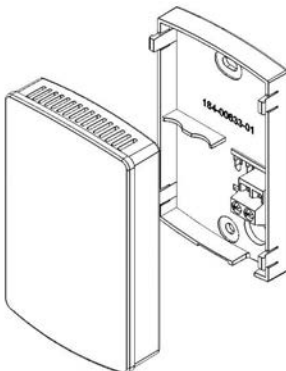
- Detects motion, temperature and light
- Fully integrated to trigger Nexia™ Automations
- Multiple LED options for signaling motion detection
- Tamper and low-battery alarm notifications
- Easy installation, no wiring required
- Powered by CR123A, 3.6v battery
- Recommended installation height is 2.4 m or 7' 7/8"

### Application:

- Operating Temp - 0°C to 40°C
- Range: Up to 50 m outdoors, up to 30 m indoors
- Operating frequency: 908 MHz US
- Light Intensity Measuring Range: 0-32000 LUX
- Measured Temp Range:-20 - 100°C
- Temperature Measuring Accuracy: 0.5°C (within 0°C to 40°C range)

### Dimensions:

- 1.732" x 1.732" x 1.732"
- Shipping weight: 1 lb



**Z-Wave Doorbell Sensor**

### Z-Wave Doorbell Sensor

SKU: 811097020396

- Detects and alerts when doorbell button is pressed
- Fully integrated to trigger Nexia™ Automations
- Easy installation

### Application:

- Power: 2 AAA Alkaline Batteries
- RF: Z-Wave ZM5202, US 908.4 MHz
- Doorbell Connection: 2 Wire Polarized
- Voltage: 14-40 VAC
- Wire Input: 16-24 Ga Solid Wire

### Dimensions:

- 3.2" x 2.0" x 0.60"
- Weight: .25 lb

① Requires internet service and Nexia™ smart home system registration.

② Requires Nexia™ compatible connected control

③ Requires Nexia™ compatible camera

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

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## Nexia™ Compatible Products



**Sounder/Strobe**

**Sounder/Strobe**

SKU: 093863125058

- Z-Wave Sounder/Strobe
- 105DB at 1m
- 360 lumen, 4 LED strobe light
- Battery backup
- Siren only/strobe only/siren and strobe modes
- For non-life safety applications

**Application:**

- Protocol: Z-Wave
- Manufacturer: Linear
- Manufactured in Taiwan

**Unit Dimensions:**

- 3" x 4.6" x 1.6"
- Shipping weight: 11 oz

**Case Dimensions:**

- Quantity - 18 units
- 11" x 11" x 15"
- Shipping weight: 2 lbs, 9 oz

**Warranty**

- 1-Year Limited Warranty



**Smoke/Carbon Monoxide Alarm**

**Smoke/Carbon Monoxide Alarm**

SKU: 029054013026

- Combination Smoke & Carbon Monoxide Alarm
- Set Nexia™ to send alerts when alarm is triggered ①
- Photoelectric smoke sensor helps reduce false alarms such as from cooking or shower steam
- Mute unwanted alarms or test the alarm function with a simple button push
- 2 AA batteries included
- 1-year limited warranty

**Application:**

- Protocol: Z-Wave
- Manufacturer: First Alert
- Manufactured in Mexico

**Unit Dimensions:**

- 8.75"w x 7"h x 2.5"d
- Shipping weight: 11 oz

**Case Dimensions:**

- Quantity - 3 units
- 9"w x 7"h x 7.6"d
- Shipping weight: 2 lbs, 9 oz

**Warranty**

- 1-Year Limited Warranty



**GoControl™ Glass Break Sensor**

**GoControl™ Glass Break Sensor-**

SKU: 093863133282

- Fully supported by Nexia™ web and mobile applications
- Detects the sounds of breaking glass
- Easily mounts near any window or door susceptible to break-in
- Can be customized to send immediate alerts to phone or email ①
- Can communicate with other Nexia™-enrolled devices. For example: Automate your smart lights to turn on and your siren and strobe light to activate the moment a window is broken.

**Application**

- Mounts within 15' of window or door
- Includes 2 lithium batteries and mounting hardware
- Indoor use only
- Operating Temperature: 32°F-120°F
- Country of Origin: China

**Unit Dimensions:**

- 5.0"w x 5.3"h x 2.6"d
- Weight: 7.3 oz.

**Case Dimensions:**

- Quantity - 24 units
- 20"w x 12"h x 8"d
- Minimum Order: 1 Case
- Standard Lead Time: Stock

**Warranty**

- 1-Year Limited Warranty

① Requires internet service and Nexia™ smart home system registration.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.



## Nexia™ Compatible Products

### FortrezZ Water Valves

#### Indoor Actuator



#### Indoor Actuator and Brass Ball Water Valves

- SKU: 045635411890  
Indoor Actuator
- SKU: 712038006861  
3/4" Brass Ball Valve
- SKU: 712038006878  
1" Brass Valve
- SKU: 712038006885  
1-1/4" Brass Valve

- Remotely operated Z-Wave water valve compatible with Nexia™ smart home systems ①
- Automatically turns off main water supply when a water event is detected
- Select 3/4", 1", or 1-1/4" brass water valve for use with indoor actuator
- Can be used as irrigation device
- Multiple valves can be used and programmed in a Z-Wave Network
- Meets the standard of most state and municipal authorities
- Two tactile switches to manually activate the valve
- Ask insurance company for specific details about premium discounts for flood protection

#### Brass Water Valves



#### Outdoor actuator



#### Outdoor Water Valve Variants

- SKU: 661799563253  
Outdoor actuator and indoor control with 25' cable ②③
- SKU: 661799563260  
Outdoor actuator and indoor control with 50' cable ②③
- SKU: 661799563284  
Outdoor actuator and indoor control with 75' cable ②③

#### Brass Water Valves



- Brass Ball Water Valves
- SKU: 712038006861  
3/4" Brass Ball Valve ④
- SKU: 712038006878  
1" Brass Valve ④
- SKU: 712038006885  
1-1/4" Brass Valve ④

- ① Requires internet service and Nexia™ smart home system registration.
- ② Used with brass ball valves (ordered separately)
- ③ For applications that require outside installation above or below grade with temporary submersion at limited depth. See installation instructions for details.
- ④ Used with outdoor water valve variant (ordered separately)



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## Nexia™ Compatible Products

### FortrezZ Flood and Temperature Sensor



#### Flood and Temperature Sensor

SKU: 045635411760

- Compatible with Nexia™ smart home system ①
- When the sensor is used with Nexia™ and FortrezZ water valves it will signal the valve to automatically turn off the water supply, eliminating further flooding. Sensor also monitors temperature.
- Checks for leaks every 4 seconds
- Calibrated to prevent false alarms.
- Works with both well or city water.
- Gold plated sensing probes for corrosion resistance
- Sensor floats and continues to alert for up to 24 hours.
- 2 x AA Alkaline batteries last up to 2 years
- Low Battery Alerts to remind you to change batteries
- LED indicator

#### Specifications:

- Power: 2xAA alkaline batteries
- Overall Size: 3" x 2.1" x 1.1"
- Weight: 0.24lbs w/ batteries installed
- Operating temperature: 14 deg F to 158 deg F
- Temperature report: +/- 2 deg C accuracy
- System Requirement: Any Z-Wave enabled network

### Garage Door Controller



Garage Door Controller

#### Garage Door Controller

SKU: 093863124389

- Produced by Linear Technologies
- Fully supported by Nexia™ web and mobile applications ①
- Actuates a garage door opener remotely
- AC line powered
- Includes battery-powered Tilt Sensor that is mounted on the garage door that reports door position
- Produces audible and visual signals for safety purposes
- Certified to ETL Standard for Moving Barriers, Z-Wave Standards and Nexia™ product certification standards
- Easy installation
- Integrates with most existing multi-section doors (after 1993) and suitable for installation on existing or new garage door opening systems of many brands
- Does not include garage door opener,

or garage door

- Compatible with most garage door openers that accept a standard push button input. Not compatible with openers using a proprietary communication protocol to the wall switch such as Genie Series II and the MyQ system.

#### Unit Dimensions:

- 9.27"w x 7.04"h x 4.5"d
- Shipping weight: 2 lbs

#### Case Dimensions:

- Quantity - 3 units
- 10.3"w x 24.1"h x 7.9"d
- Shipping weight: 11.2 lbs

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

① Requires internet service and Nexia™ smart home system registration.

## Nexia™ Compatible Products

### Dome Z-Wave Products



**Dome Mouser**

#### Dome Mouser

- Electronic mouse trap
- Battery powered: requires four AA Batteries (not included)
- Battery life: 2 years
- 50 zaps per set of batteries
- Safe for pets and kids

#### Application:

- Protocol: Z-Wave
- Manufacturer: Dome

#### Unit Dimensions:

- 8.5" x 4.5" x 5"

#### Warranty

- 1-Year Limited Warranty



**Dome Siren**

#### Dome Siren

- Siren mounts on wall, tabletop, or shelftop
- Controllable volumes, tones, and LEDs
- Binary switch (Siren)
- Indicator (Chimes)
- Notifications (Siren)
- 2xCR123 3.0V battery
- Range: Up to 150'

#### Application:

- Protocol: Z-Wave
- Manufacturer: Dome

#### Unit Dimensions:

- Ø2.75" x 1.2"

#### Warranty

- 1-Year Limited Warranty



**Dome Water Main Shut-Off**

#### Dome Water Main Shut-Off

- Installs on any 1/2" to 1-1/2" size 1/4 turn flat handle brass ball valve
- Open or close any valve remotely when given a signal
- Install over existing valve
- Power supply: 12 VDC
- Operating Range: 32°F - 112°F (0°C-44°C)
- Range: Up to 150'

#### Application:

- Protocol: Z-Wave
- Manufacturer: Dome

#### Unit Dimensions:

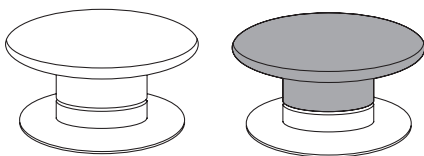
- 2.5" x 3.5" x 6"

#### Warranty

- 1-Year Limited Warranty

Note: Actuator only. Valve not included.

### Fibaro Buttons



#### Fibaro Buttons

- SKU: 857934005133 - White
- SKU: 857934005096 - Black
- Control Z-Wave devices with 1 to 5 clicks or by holding the button down

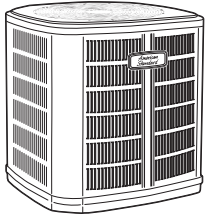
#### Application:

- Battery Life: Approximately 2 years
- Indoor or Outdoor Use
- Mounting to any surface
- Indoor Range: 131 ft.
- Outdoor Range: 164 ft
- Operating Temperature: 32°F-104°F (0°C-40°C)

#### Dimensions:

- Size: 1.9" dia. x 1.4" h
- Weight: 1 lb

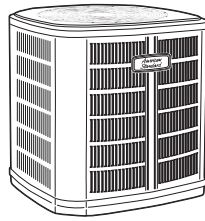
# AccuComfort™ Variable Speed Cooling Single Phase – 2-5 Tons



**Platinum 20  
(Variable Speed)**

**Table SC-1-A — Platinum 20 R-410A AccuComfort™ Variable Speed Cooling (30–100% capacity)—with AccuLink™ ①**

Model Number	Power Supply	Nom. Cap Cooling (BTUH)	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					OD Gas	OD Liq.
4A7V0024A1000B	208/230/1/60	24,600	41	33	30	217	57/66	17	25	5/8	3/8
4A7V0036B1000B	208/230/1/60	35,000	41	37	34	228	59/70	18	25	3/4	3/8
4A7V0048A1000B	208/230/1/60	47,000	41	37	34	270	57/74	23	35	7/8	3/8
4A7V0060A1000B	208/230/1/60	54,000	45	37	34	284	62/75	27	40	1 1/8	3/8
4A7V0061A1000B	208/230/1/60	55,000	45	37	34	314	62/75	27	40	1 1/8	3/8



**Platinum 18  
(Variable Speed)**

**Table SC-1-B — Platinum 18 R-410A AccuComfort™ Variable Speed Cooling (30–100% capacity)—with AccuLink™ ①**

Model Number	Power Supply	Nom. Cap Cooling (BTUH)	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					Gas	Liq.
4A7V8024A1000B	208/230/1/60	24,600	41	33	30	217	57/66	17	25	5/8	3/8
4A7V8036B1000B	208/230/1/60	35,400	41	33	30	228	55/70	18	25	3/4	3/8
4A7V8037A1000B	208/230/1/60	35,000	41	37	34	248	59/70	18	25	3/4	3/8
4A7V8048A1000B	208/230/1/60	47,000	41	37	34	270	57/74	23	35	7/8	3/8
4A7V8060A1000B	208/230/1/60	54,000	45	37	34	284	62/75	27	40	1 1/8	3/8

① Must use ACONT850, AZONE950 or AZON1050 control.

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

\*\* Rated in accordance with AHRI Standard 270-2008 (Min/Max when applicable).

Read Only

Split System Cooling

# AccuComfort™ Variable Speed Cooling Single Phase – 2-5 Tons

Split System Cooling

Table SC-2-A — Features		Platinum 20 (4A7V0)	Platinum 18 (4A7V8)
• SEER up to.....		22.00	18.00
• <b>Duration™</b> compressor.....		1	1
• Number of stages.....		Variable	Variable
• <b>Comfort-R™</b> mode approved.....		✓	✓
• <b>AccuLink™</b> system.....		✓	✓
• <b>DuraBase™</b> base, fast complete drain, weatherproof.....		✓	✓
• <b>Easy-Sess™</b> cabinet, service access.....		✓	✓
• <b>Spine Fin™</b> coil.....		✓	✓
• Compressor sound enclosure.....		✓	✓
• Compressor sump heat.....		✓	✓
• Factory supplied charge.....		R-410A	R-410A
• Glossy corrosion resistant finish.....		✓	✓
• High pressure switch.....		✓	✓
• Low pressure switch.....		✓	✓
• Internal high / low pressure & temperature protection.....		✓	✓
• Liquid line filter drier - factory installed or factory supplied for field install.....		✓	✓
• Seacoast shield - factory installed.....		✓	—
• Spinnaker gray cabinet.....		✓	✓
• <b>12-year registered limited warranty on compressor, 10-year on outdoor coil &amp; all other functional parts (Residential Use)①</b> .....		✓	✓
• <b>Extended warranties available</b> .....		✓	✓

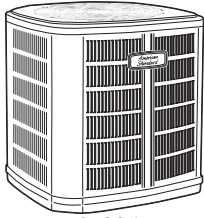
**Table SC-2-B — Optional Accessories**

Model Number	Description	Shipping Weight		
BAYECMT023	Extreme Conditions Mounting Kit (Base 2/3)	2	2	2-3
BAYECMT004	Extreme Conditions Mounting Kit (Base 4)	2	3-5	037-060
BAYISLT101	Rubber Isolators	1	✓	✓
BAYLEGS007	Snow Legs - 7" High (Black)	1	✓	✓
BAYLEGS004	Snow Legs - 4" High (Black)	1	✓	✓
BAYVDTA003	Vertical Discharge Air Kit Base 3	10	2	—
BAYVDTA004	Vertical Discharge Air Kit Base 4	10	3-5	—
BAYSEAC001	Seacoast Kit	1	—	✓
PAI00309②	Heresite Spraypaint	1	✓	✓

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

① Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at americanstandardair.com or by phone at 800-554-8005; otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.  
 ② Used for additional seacoast corrosion protection. Refer to bulletin number UN-SVB11A-EN for application information.

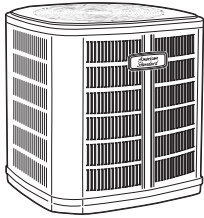
# Split System Cooling Single Phase – 1½-5 Tons



**Gold 17  
(Two Stage)**

**Table SC-3-A — Gold 17 R-410A Split System Two Stage Cooling (70/100% capacity)**

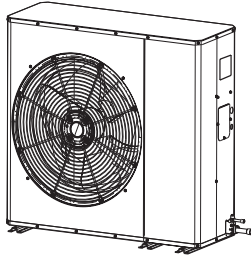
Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					OD Gas	OD Liq.
4A7A7024A1000B	208/230/1/60	24,000	41	37	34	276	72	15	25	5/8	3/8
4A7A7036A1000B	208/230/1/60	36,000	45	37	34	283	72	20	35	3/4	3/8
4A7A7048A1000B	208/230/1/60	48,000	45	37	34	291	73	27	45	7/8	3/8
4A7A7060A1000B	208/230/1/60	60,000	45	37	34	312	74	37	60	1 1/8	3/8



**Silver 16  
(Single Stage)**

**Table SC-3-B — Silver 16 R-410A Split System Single Stage Cooling**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					OD Gas	OD Liq.
4A7A6018J1000A	208/230/1/60	18,000	29	33	30	189	73	12	20	3/4	3/8
4A7A6024J1000B	208/230/1/60	24,000	29	33	30	190	71	13	20	3/4	3/8
4A7A6030J1000A	208/230/1/60	30,000	37	33	30	220	71	17	25	3/4	3/8
4A7A6036J1000A	208/230/1/60	36,000	37	37	34	246	69	18	30	7/8	3/8
4A7A6042J1000A	208/230/1/60	42,000	45	37	34	302	70	21	35	7/8	3/8
4A7A6048J1000A	208/230/1/60	47,000	45	37	34	306	70	24	40	7/8	3/8
4A7A6049J1000A	208/230/1/60	48,000	45	37	34	322	70	26	40	7/8	3/8
4A7A6060J1000A	208/230/1/60	57,500	45	37	34	327	70	32	50	1 1/8	3/8
4A7A6061J1000A	208/230/1/60	60,000	45	37	34	327	74	32	50	1 1/8	3/8



**Silver 16  
(Single Stage)**

**Table SC-3-C — Silver 16 R-410A Side Discharge Single Stage Cooling**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					OD Gas	OD Liq.
4A7L6018A1000AⓈ	208/230/1/60	18,000	36	40	15	165	70	12	20	3/4	3/8
4A7L6024A1000AⓈ	208/230/1/60	23,000	36	40	15	165	70	13	20	3/4	3/8
4A7L6030A1000AⓈ	208/230/1/60	29,000	36	40	15	180	71	17	25	3/4	3/8
4A7L6036A1000AⓈ	208/230/1/60	35,000	36	47	18	242	72	19	30	3/4	3/8
4A7L6042A1000AⓈ	208/230/1/60	41,000	36	47	18	243	73	22	35	7/8	3/8
4A7L6048A1000AⓈ	208/230/1/60	47,000	36	47	18	243	73	24	40	7/8	3/8
4A7L6060A1000AⓈ	208/230/1/60	57,000	42	47	18	263	73	31	50	1-1/8	3/8

Ⓢ For coastal applications where units are installed within one (1) mile of salt water, epoxy coated models are available for order. Model numbers with "COT" in the eleventh (11) through thirteenth (13) digits represent an epoxy coated coil.

Example: 4A7L6036A1COTA These models have an 8 week lead time after order.

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

\*\* Rated in accordance with AHRI Standard 270-2008 (Min/Max when applicable).

# Split System Cooling Single Phase – 1½-5 Tons

Split System Cooling

**Table SC-4-A — Features**

	Gold 17 (4A7A7)	Silver 16 (4A7A6)	Silver16 (4A7L6)
• SEER up to.....	18.00	17.00	17.00
• <b>Duration™</b> compressor.....	✓	✓	✓
• Number of stages .....	2	1	1
• <b>Comfort-R™</b> mode approved .....	✓	✓	✓
• <b>DuraBase™</b> base, fast complete drain, weatherproof .....	✓	✓	—
• <b>Easy-Sess™</b> cabinet, service access.....	✓	✓	—
• <b>Spine Fin™</b> coil .....	✓	✓	—
• <b>Coppe Tube, Aluminum Fin</b> coil.....	—	—	✓
• Factory supplied charge .....	R-410A	R-410A	R-410A
• Glossy corrosion resistant finish .....	✓	✓	✓
• High pressure switch.....	✓	✓	✓
• Internal high / low pressure & temperature protection .....	✓	✓	✓
• Liquid line filter drier - factory installed or factory supplied for field install.....	✓	✓	✓
• Quick start kit-factory installed.....	—	1½-2	—
• Spinnaker gray cabinet.....	✓	✓	✓
• <b>12-year registered limited warranty on compressor,10-year on outdoor coil &amp; all other functional parts (Residential Use)①</b> .....	✓	—	—
• <b>10-year registered limited warranty on compressor,10-year on outdoor coil &amp; all other functional parts (Residential Use)①</b> .....	—	✓	✓
• <b>Extended warranties available</b> .....	✓	✓	✓

**Table SC-4-B — Optional Accessories**

Model Number	Description	Shipping Weight			
AY28X079.....	Evap. Defrost Control Kit.....	1.....	✓	✓	✓
BAYCCHT301RES.....	Crankcase Heater Kit (Scroll).....	1.....	4-5	3½-5	3½-5
BAYCCHT302RES.....	Crankcase Heater Kit (Scroll).....	1.....	2-3	1½-3	1½-3
BAYECMT023 .....	Extreme Conditions Mounting Kit (Base 2/3).....	2.....	—	1½-2½	—
BAYECMT004 .....	Extreme Conditions Mounting Kit (Base 4) .....	2.....	✓	3-5	—
BAYISLT101 .....	Rubber Isolators.....	1.....	✓	✓	✓
BAYKSKT263 .....	Start kit .....	1.....	2-3	2½-5	2½-5
BAYKSKT266 .....	Start kit .....	1.....	4-5	—	—
BAYLEGS007 .....	Snow Legs - 7" High (Black).....	1.....	✓	✓	✓
BAYLEGS004 .....	Snow Legs - 4" High (Black).....	1.....	✓	✓	✓
BAYLOAM103 .....	Low Ambient Kit.....	1.....	✓	—	—
BAYLOAM107A.....	Low Ambient Kit.....	1.....	✓	✓	✓
BAYSDEN003 .....	Small Scroll Compressor Enclosure.....	.8.....	—	1½-3	1½-3
BAYSDEN004 .....	Small Scroll Compressor Enclosure.....	.8.....	—	3½-5	3½-5
BAYSEAC001 .....	Seacoast Kit.....	1.....	✓	✓	—
BAYWIND100 .....	Wind Baffle Kit.....	.....	—	—	1½-2½
BAYWIND101 .....	Wind Baffle Kit.....	.....	—	—	3-5
TAYASCT501A②③ .....	Anti-Short Cycle Timer.....	.2.....	✓	✓	—
AAYSVPANL0032AA.....	Service Valve Panel Cover Kit.....	.2.....	—	1½-2	—
AAYSVPANL3343AA.....	Service Valve Panel Cover Kit.....	.2.....	2	—	—
AAYSVPANL0044AA.....	Service Valve Panel Cover Kit.....	.2.....	3-5	2½-3	—
AAYSVPANL0046AA.....	Service Valve Panel Cover Kit.....	.2.....	—	3½-5	—
PAI00309④.....	Heresite Spraypaint.....	1.....	✓	✓	✓
BRK05033⑤ .....	Wall Mount Kit.....	.....	—	—	✓

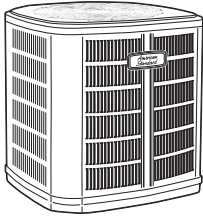
**Comfort Controls — See Comfort Controls/Zone Sensors Section**

- ① Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at americanstandardair.com or by phone at 800-554-8005; otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.
- ② Not for use with programmable thermostats.
- ③ Activated on power off.
- ④ Used for additional seacoast corrosion protection. Refer to bulletin number UN-SVB11A-EN for application information.
- ⑤ Available from Trane Parts.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.



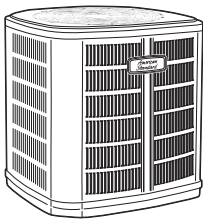
# Split System Cooling Single Phase – 1½-5 Tons



**Silver 14  
(Single Stage)**

**Table SC-5-A — Silver 14 R-410A Split System Single Stage Cooling**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					OD Gas	OD Liq.
4A7A4018L1000A	208/230/1/60	17,000	29	29	26	153	72	12	20	3/4	3/8
4A7A4024L1000A①	208/230/1/60	23,600	29	29	26	153	71	14	20	3/4	3/8
4A7A4025L1000A	208/230/1/60	23,600	29	29	26	153	71	14	20	3/4	3/8
4A7A4030L1000A①	208/230/1/60	28,400	29	33	30	183	73	17	25	3/4	3/8
4A7A4031L1000A	208/230/1/60	28,400	29	33	30	183	71	17	25	3/4	3/8
4A7A4036L1000A①	208/230/1/60	34,000	33	33	30	183	73	18	30	3/4	3/8
4A7A4037L1000A	208/230/1/60	34,000	33	33	30	183	71	18	30	3/4	3/8
4A7A4042L1000A①	208/230/1/60	40,500	29	37	34	216	71	22	35	7/8	3/8
4A7A4043L1000A	208/230/1/60	40,500	29	37	34	216	71	22	35	7/8	3/8
4A7A4048L1000A	208/230/1/60	47,000	29	37	34	221	71	24	40	7/8	3/8
4A7A4060L1000A	208/230/1/60	56,000	37	37	34	246	71	31	50	7/8	3/8



**Silver 13  
(Single Stage)**

**Table SC-5-B — Silver 13 R-410A Split System Single Stage Cooling**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					OD Gas	OD Liq.
4A7A3018H1000N②	208/230/1/60	17,000	29	29	26	153	72	12	20	3/4	3/8
4A7A3024H1000N②	208/230/1/60	23,000	29	29	26	150	74	18	30	3/4	3/8
4A7A3030H1000N②	208/230/1/60	28,500	29	29	26	157	72	16	25	3/4	3/8
4A7A3036H1000N②	208/230/1/60	34,500	29	33	30	175	68	18	30	3/4	3/8
4A7A3042E1000N②	208/230/1/60	40,500	29	33	30	200	72	22	35	7/8	3/8
4A7A3043A1000N②	208/230/1/60	40,500	29	37	34	216	74	22	35	7/8	3/8
4A7A3048E1000N②	208/230/1/60	46,500	37	33	30	233	74	28	45	7/8	3/8
4A7A3049A1000N②	208/230/1/60	46,500	29	37	34	221	74	24	40	7/8	3/8
4A7A3060D1000P②	208/230/1/60	58,500	37	37	34	261	80	32	50	7/8	3/8

① Models are not legal for installation in California, Nevada, New Mexico and Arizona. All other models are legal for installation in all US zones and states.

② 13 SEER AC equipment manufactured after 1/1/16 can only be installed in the North Zone.

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

\*\* Rated in accordance with AHRI Standard 270-2008 (Min/Max when applicable).

# Split System Cooling Single Phase – 1½-5 Tons

Split System Cooling

**Table SC-6-A — Features**

	Silver 14 (4A7A4)	Silver 13 (4A7A3)
• SEER up to .....	16.00	14.75
• Duration™ compressor.....	✓	✓
• Number of stages .....	1	1
• Comfort-R™ mode approved .....	✓	✓
• DuraBase™ base, fast complete drain, weatherproof.....	✓	✓
• Easy-Sess™ cabinet, service access .....	✓	✓
• Spine Fin™ coil.....	✓	✓
• Factory supplied charge .....	R-410A	R-410A
• Glossy corrosion resistant finish.....	✓	✓
• High pressure switch .....	✓	✓
• Internal high / low pressure & temperature protection.....	✓	✓
• Liquid line filter drier - factory installed or factory supplied for field install .....	✓	✓
• Spinnaker gray cabinet .....	✓	✓
• <b>10-year registered limited warranty on compressor, outdoor coil &amp; all other functional parts (Residential Use)①</b> .....	✓	✓
• <b>Extended warranties available</b> .....	✓	✓

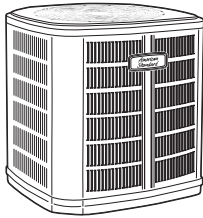
**Table SC-6-B — Optional Accessories**

Model Number	Description	Shipping Weight		
AY28X079.....	Evap. Defrost Control Kit .....	1	✓	✓
BAYCCHT301RES .....	Crankcase Heater Kit (Scroll).....	1	3½-5	1½-5
BAYCCHT302RES .....	Crankcase Heater Kit (Scroll).....	1	1½-3	1½-3
BAYECMT023 .....	Extreme Conditions Mounting Kit (Base 2/3) .....	2	1½-3	1½-4
BAYECMT004 .....	Extreme Conditions Mounting Kit (Base 4) .....	2	3½-5	43,49,60
BAYISLT101 .....	Rubber Isolators .....	1	✓	✓
BAYKSKT263 .....	Start Kit.....	1	2½-5	2-5
BAYLEGS007 .....	Snow Legs - 7" High (Black).....	1	✓	✓
BAYLEGS004 .....	Snow Legs - 4" High (Black).....	1	✓	✓
BAYLOAM103 .....	Low Ambient Kit.....	1	✓	✓
BAYSDEN003 .....	Small Scroll Compressor Enclosures .....	8	1½-3	1½-3
BAYSDEN004 .....	Small Scroll Compressor Enclosures .....	8	3½-5	3½-5
BAYSEAC001 .....	Seacoast Kit .....	1	✓	✓
TAYASCT501A②③ .....	Anti-Short Cycle Timer .....	2	✓	✓
AAYSVPANL0022AA .....	Service Valve Panel Cover Kit .....	2	1½-2	1½-2½
AAYSVPANL0032AA .....	Service Valve Panel Cover Kit .....	2	2½,3½,4	3-4
AAYSVPANL3343AA .....	Service Valve Panel Cover Kit .....	2	3	—
AAYSVPANL0044AA .....	Service Valve Panel Cover Kit .....	2	5	5
PAI00309④.....	Heresite Spraypaint .....	1	✓	✓

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

- ① Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at americanstandardair.com or by phone at 800-554-8005; otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.
- ② Not for use with programmable thermostats.
- ③ Activated on power off.
- ④ Used for additional seacoast corrosion protection. Refer to bulletin number UN-SVB11A-EN for application information.

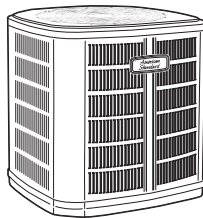
# Split System Cooling Three Phase



**Gold 17  
(Two Stage)**

**Table SC-7-A — Gold 17 - 3 Phase R-410A Split System Two Stage Cooling**

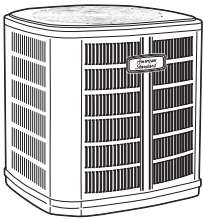
Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					OD Gas	OD Liq.
4A7C7036A3000A	208/230/3/60	36,000	45	37	34	283	72	15	25	3/4	3/8
4A7C7048A3000A	208/230/3/60	48,000	45	37	34	285	73	18	30	7/8	3/8
4A7C7060A3000A	208/230/3/60	60,000	45	37	34	308	74	22	35	1 1/8	3/8
4A7C7036A4000A	460/3/60	36,000	45	37	34	283	72	8	15	3/4	3/8
4A7C7048A4000A	460/3/60	48,000	45	37	34	285	73	9	15	7/8	3/8
4A7C7060A4000A	460/3/60	60,000	45	37	34	308	74	10	15	1 1/8	3/8



**Silver 14  
(Single Stage)**

**Table SC-7-B — Silver 14 - 3 Phase R-410A Split System Single Stage Cooling**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					OD Gas	OD Liq.
4A7C4036A3000A	208/230/3/60	36,000	33	33	30	183	73	12	20	3/4	3/8
4A7C4042A3000A	208/230/3/60	42,000	29	37	34	216	72	15	25	3/4	3/8
4A7C4048A3000A	208/230/3/60	48,000	29	37	34	221	72	18	30	7/8	3/8
4A7C4060A3000A	208/230/3/60	60,000	37	37	34	246	72	21	35	7/8	3/8
4A7C4036A4000A	460/3/60	36,000	33	33	30	183	73	8	15	3/4	3/8
4A7C4042A4000A	460/3/60	42,000	33	37	34	216	72	8	15	3/4	3/8
4A7C4048A4000A	460/3/60	48,000	33	37	34	221	72	8	15	7/8	3/8
4A7C4060A4000A	460/3/60	60,000	41	37	34	246	72	9	15	7/8	3/8



**Silver 13  
(Single Stage)**

**Table SC-7-C — Silver 13 - 3 Phase R-410A Split System Single Stage Cooling**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					OD Gas	OD Liq.
4A7C3036B3000B	208/230/3/60	36,000	29	33	30	176	78	14	20	3/4	3/8
4A7C3042D3000D	208/230/3/60	42,000	29	37	34	228	79	18	30	3/4	3/8
4A7C3048D3000D	208/230/3/60	48,000	29	37	34	235	79	18	30	7/8	3/8
4A7C3060D3000D	208/230/3/60	60,000	37	37	34	261	80	20	35	7/8	3/8
4A7C3036B4000B	460/3/60	36,000	29	33	30	176	78	8	15	3/4	3/8
4A7C3042D4000D	460/3/60	42,000	29	37	34	228	79	8	15	3/4	3/8
4A7C3048D4000D	460/3/60	48,000	29	37	34	235	79	8	15	7/8	3/8
4A7C3060D4000D	460/3/60	60,000	37	37	34	261	80	10	15	7/8	3/8

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

\*\* Rated in accordance with AHRI Standard 270-2008.

Split System Cooling

# Split System Cooling Three Phase

Split System Cooling

**Table SC-8-A — Features**

	Gold 17 (4A7C7)	Silver 14 (4A7C4)	Silver 13 (4A7C3)
• SEER up to .....	17.25	14.50	13.25
• <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 heat - factory installed .....	—	—	—
• Refrigerant (R-22 not factory supplied) .....	R-410A	R-410A	R-22
• Glossy corrosion resistant finish .....	✓	✓	✓
• High pressure switch .....	✓	✓	✓
• Compressor sound enclosure .....	—	—	3½
• Internal high / low pressure & temperature protection .....	✓	✓	✓
• Liquid line filter drier - factory installed or factory supplied for field install .....	✓	✓	✓
• Spinnaker gray cabinet .....	✓	✓	✓
• <b>5-year basic limited warranty on compressor, 1-year on outdoor coil &amp; all other functional parts (Commercial Use)</b> .....	✓	✓	✓
• <b>5-year registered limited warranty on compressor, outdoor coil &amp; all other functional parts (Residential Use)①</b> .....	✓	✓	✓
• <b>Extended warranties available</b> .....	✓	✓	✓

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

Model Number	Description	Shipping Weight			
AY28X079.....	Evap. Defrost Control Kit .....	1	✓	✓	✓
BAYECMT023 .....	Extreme Conditions Mounting Kit (Base 2/3).....	2	—	3	2½-3
BAYECMT004 .....	Extreme Conditions Mounting Kit (Base 4) .....	2	3-5	3½-5	3½-5
BAYISLT101 .....	Rubber Isolators .....	1	✓	✓	✓
BAYKSKT263 .....	Start Kit .....	1	✓	—	5
BAYKSKT260 .....	Start Kit .....	1	—	—	3
BAYLEGS007 .....	Snow Legs - 7" High (Black) .....	1	✓	✓	✓
BAYLEGS004 .....	Snow Legs - 4" High (Black) .....	1	✓	✓	✓
BAYLOAM103 .....	Low Ambient Kit .....	1	✓	✓	✓
BAYLOAM107A .....	Low Ambient Kit .....	1	✓	✓	✓
BAYSDEN001 .....	Single Cylinder Compressor Enclosures .....	8	—	—	2½
BAYSDEN003 .....	Small Scroll Compressor Enclosures.....	8	3	3	3
BAYSDEN004 .....	Large Scroll Compressor Enclosures .....	8	4-5	3½-5	4-5
BAYSEAC001 .....	Seacoast Kit .....	1	✓	✓	✓
TAYASCT501A②③ .....	Anti-Short Cycle Timer .....	2	✓	✓	✓
AAYSVPANL0032AA .....	Service Valve Panel Cover Kit .....	2	—	3½-4	3-4
AAYSVPANL3343AA .....	Service Valve Panel Cover Kit .....	2	—	3	2½
AAYSVPANL0044AA .....	Service Valve Panel Cover Kit .....	2	—	5	5
AAYSVPANL0046AA .....	Service Valve Panel Cover Kit .....	2	3-5	—	—
PAI00309④.....	Heresite Spraypaint.....	1	✓	✓	✓

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

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 ② Not for use with programmable thermostats.  
 ③ Activated on Power Off.  
 ④ Used for additional seacoast corrosion protection. Refer to bulletin number UN-SVB11A-EN for application information.

# Split System Heat Pumps Summary of System Ratings

**IMPORTANT:**

This table is intended as an at-a-glance overview. See AHRI for complete and up-to-date indoor and outdoor system ratings by model. Not all matches will attain ratings shown below.

Model Not Offered																												
NA-System Combination "Not Allowed"																												
Silver 14		Silver 14 - 14 SEER Single Stage Heat Pump and Air Handler Ratings Summary (up to 14 SEER / 12 EER / 8.5 HSPF)																										
		1.5 Ton			2 Ton			2.5 Ton			3 Ton			3.5 Ton			4 Ton			5 Ton								
		SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF			
TEM / TMM Air Handlers	TEM4	14.00	11.50	8.50	14.00	11.50	8.50	14.00	11.50	8.50	14.00	11.50	8.50	14.00	11.50	8.50	14.00	11.50	8.50	14.00	11.50	8.50	14.00	11.50	8.50			
	TMM4	NA			14.00	11.50	8.20	14.00	11.50	8.50	NA																	
	TMM5	14.00	11.50	8.50	14.00	11.50	8.50	14.00	11.50	8.50	14.00	12.00	8.20															
	TEM6/8	NA			14.50	12.00	8.50	14.50	12.00	8.50	14.50	12.00	8.50	14.50	12.00	8.50	14.50	12.00	8.50	14.00	12.00	8.50	14.50	12.00	8.50			
ForeFront™ Air Handlers	GAF2	14.00	11.50	8.50	14.00	11.50	8.50	14.00	12.00	8.50	14.00	12.00	8.20															
	TAM4	14.00	11.50	8.50	14.00	11.50	8.50	14.00	11.50	8.50	14.00	11.50	8.20	NA			14.00	11.50	8.50	14.00	11.50	8.50	14.00	11.50	8.50			
	GAM5	14.50	12.00	8.50	14.50	12.00	8.50	14.50	12.00	8.50	14.50	12.00	8.50	14.50	12.00	8.50	14.50	12.00	8.50	14.00	12.00	8.50	14.00	11.70	8.50	14.00	12.00	8.50
	TAM7/9	14.50	12.00	8.50	14.50	12.00	8.50	14.50	12.00	8.50	14.50	12.00	8.50	14.50	12.00	8.50	14.50	12.00	8.50	14.50	12.00	8.50	14.50	12.00	8.50	14.50	12.00	8.50

Silver 15		Silver 15 - 15 SEER Single Stage Heat Pump and Air Handler Ratings Summary (up to 15 SEER / 12.5 EER / 9.5 HSPF)																										
		1.5 Ton			2 Ton			2.5 Ton			3 Ton			3.5 Ton			4 Ton			5 Ton								
		SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF			
TEM / TMM Air Handlers	TEM4	15.00	12.50	8.50	15.00	12.50	8.50	14.25	12.00	8.50	14.50	12.00	8.50	NA			NA			NA			NA					
	TMM4	NA			14.00	11.50	8.20	14.00	11.50	8.50	NA																	
	TMM5	15.00	12.50	8.50	15.00	12.50	8.50	15.00	12.50	8.50	15.00	12.50	8.50	15.00	12.50	9.50	15.00	12.50	9.50	15.00	12.50	9.50	15.00	12.50	9.50	15.00	12.50	9.50
	TEM6/8	15.00	12.50	8.85	15.00	12.50	9.00	15.00	12.50	9.50	15.00	12.50	9.50	15.00	12.50	9.50	15.00	12.50	9.50	15.00	12.50	9.50	15.00	12.50	9.50	15.00	12.50	9.50
ForeFront™ Air Handlers	GAF2	15.00	12.50	8.50	15.00	12.50	8.50	15.00	12.50	9.50	NA																	
	TAM4	15.00	12.50	8.50	15.00	12.50	9.00	14.50	12.00	9.00	14.25	12.00	9.00	14.50	12.00	8.50	15.00	12.00	8.50	15.00	12.00	8.50	14.50	12.00	8.50	14.50	12.00	8.50
	GAM5	15.00	12.50	8.50	15.00	12.50	9.00	15.00	12.50	9.50	15.00	12.50	9.50	15.00	12.50	9.50	15.00	12.50	9.00	15.00	12.50	9.00	14.50	12.00	8.50	14.50	12.00	8.50
	TAM7/9	15.00	12.50	9.00	15.25	12.50	9.00	15.25	12.50	9.50	15.00	12.50	9.50	15.00	12.50	9.50	15.00	12.50	9.50	15.00	12.50	9.00	15.00	12.50	9.00	15.00	12.50	9.00

Silver 16		Silver 16 - 16 SEER Single Stage Heat Pump and Air Handler Ratings Summary (up to 17 SEER / 13 EER / 9.6 HSPF)																										
		1.5 Ton			2 Ton			2.5 Ton			3 Ton			3.5 Ton			4 Ton			5 Ton								
		SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF			
TEM / TMM Air Handlers	TEM4	15.00	12.50	8.50	15.00	12.00	8.20	15.00	12.00	8.20	15.00	12.00	8.20	15.00	12.00	8.20	15.00	12.00	8.20	15.00	12.00	8.20	14.75	12.00	8.20	14.75	12.00	8.20
	TMM5	16.00	13.00	9.00	16.00	13.00	8.50	NA			NA			NA			NA			NA			NA			NA		
	TEM6/8	16.00	12.50	9.00	16.00	13.00	9.60	16.00	13.00	9.60	16.00	13.00	9.60	16.00	13.00	9.60	16.00	13.00	9.60	16.00	13.00	9.60	16.00	13.00	9.60	16.00	13.00	9.60
ForeFront™ Air Handlers	GAF2	16.00	13.00	8.55	14.00	12.00	8.20	NA			NA																	
	TAM4	15.00	12.50	8.55	15.00	12.50	8.20	NA			14.75	12.50	8.50	15.00	12.00	8.50	15.00	12.00	8.50	15.00	12.00	8.50	15.00	12.00	8.50	15.00	12.00	8.50
	GAM5	16.00	13.00	8.55	16.00	12.50	9.00	16.00	12.50	9.00	16.00	12.50	9.00	16.00	12.50	9.00	16.00	12.50	9.00	16.00	12.50	9.00	14.50	12.00	8.20	14.50	12.00	8.20
	TAM7/9	17.00	13.00	9.00	17.00	13.50	9.50	17.00	13.50	9.60	16.00	13.00	9.60	16.00	13.00	9.60	16.00	13.00	9.60	16.00	13.00	9.60	16.00	13.00	9.60	16.00	13.00	9.60

Silver 16 Low Profile Side Discharge		Silver 16 - 16 SEER Low Profile Single Stage Heat Pump and Air Handler Ratings Summary (up to 16.5 SEER / 13.5 EER / 10.0 HSPF)																										
		1.5 Ton			2 Ton			2.5 Ton			3 Ton			3.5 Ton			4 Ton			5 Ton								
		SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF			
TEM / TMM Air Handlers	TEM4	14.50	12.00	8.50	14.50	12.00	9.00	14.00	12.00	8.50	14.50	12.00	9.00	14.50	12.00	9.00	14.00	12.00	9.00	14.00	11.50	9.00						
	TMM5	Not available at time of printing, check AHRI Directory.org																										
	TEM6/8	16.00	13.00	9.50	16.00	13.00	9.50	15.50	12.50	10.00	16.50	13.50	10.00	16.00	13.00	10.00	15.00	12.50	10.00	14.50	11.50	10.00						
ForeFront™ Air Handlers	GAF2	16.00	13.50	9.00	15.00	12.50	9.00	14.50	12.00	8.50	14.00	12.00	9.00															
	TAM4	14.50	12.00	8.50	14.50	12.00	9.00	14.00	11.50	8.50	14.50	12.00	9.50	14.00	11.50	5.00	14.50	12.00	9.50	14.50	11.50	9.00	14.50	11.50	9.00	14.50	11.50	9.00
	GAM5	15.00	12.50	9.00	15.00	12.50	9.00	15.00	12.50	9.00	15.00	12.50	9.00	15.00	12.50	9.00	15.00	12.50	9.00	15.00	12.00	9.00	14.00	11.50	9.00	14.00	11.50	9.00
	TAM7/9	16.00	13.00	9.50	16.00	13.50	9.50	16.00	13.00	9.00	16.00	13.00	10.00	16.00	13.00	10.00	15.00	12.50	9.50	15.00	12.00	9.50	14.00	11.50	9.00	14.00	11.50	9.00

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

# Split System Heat Pumps Summary of System Ratings

**IMPORTANT:**

This table is intended as an at-a-glance overview. See AHRI for complete and up-to-date indoor and outdoor system ratings by model. Not all matches will attain ratings shown below.

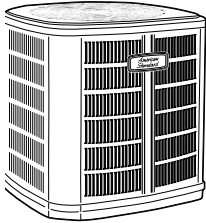
Model Not Offered		Gold 17 - Two Stage 17 SEER Heat Pump and Air Handler Ratings Summary (up to 17.25 SEER / 13.5 EER / 9.6 HSPF)																				
Gold 17-2 Stage		1.5 Ton			2 Ton			2.5 Ton			3 Ton			3.5 Ton			4 Ton			5 Ton		
		SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF
TEM Air Handlers	TEM6/8				17.00	12.50	8.50				17.00	12.50	9.60				17.00	12.50	9.60	15.00	12.00	9.60
ForeFront™ Air Handlers	GAM5				16.00	12.50	9.00				16.00	12.50	9.00				16.00	12.00	9.00	15.00	11.00	9.00
	TAM7				17.00	13.00	8.50				17.00	13.00	9.00				17.00	13.00	9.50	16.00	12.50	8.50
	TAM8/9				17.25	13.50	9.60				17.75	13.00	9.20				17.25	12.50	9.00	16.25	12.00	9.00

Platinum 18 AccuComfort™		Platinum 18 - SEER AccuComfort™ Variable Speed Heat Pump and Air Handler Ratings Summary (up to 18 SEER / 13.5 EER / 10.0 HSPF)																				
Platinum 18 AccuComfort™		1.5 Ton			2 Ton			2.5 Ton			3 Ton			3.5 Ton			4 Ton			5 Ton		
		SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF
ForeFront™ Air Handlers	TAM8/9				18.00	13.00	10.00				18.00	13.00	10.00				18.00	12.50	10.00	18.00	12.50	10.00

Platinum 20 AccuComfort™		Platinum 20 - SEER AccuComfort™ Variable Speed Heat Pump and Air Handler Ratings Summary (up to 21.0 SEER / 13.50 EER / 10.0 HSPF)																				
Platinum 20 AccuComfort™		1.5 Ton			2 Ton			2.5 Ton			3 Ton			3.5 Ton			4 Ton			5 Ton		
		SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF	SEER	EER	HSPF
ForeFront™ Air Handlers	TAM8/9				19.25	13.75	10.00				21.00	13.50	10.00				19.25	12.50	10.00	19.00	12.70	10.00



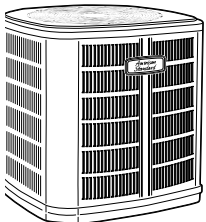
# AccuComfort™ Variable Speed Heat Pumps Single Phase - 2-5 Tons



**Platinum 20  
(Variable Speed)**

**Table SH-3-A - Platinum 20 R-410A Split System Variable Speed Heat Pump (25–100% capacity)—with AccuLink™ ②**

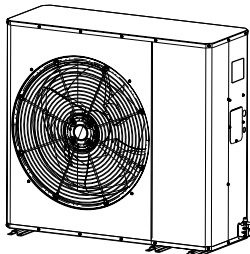
Model Number	Power Supply	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating		MCA*	Max. Fuse*	Line Size (in)	
		H	W	D		(Cool)	(Heat)			OD Gas	OD Liq.
4A6V0024A1000B	208/230/1/60	41	33	30	216	54/65	60/69	17	25	5/8	3/8
4A6V0036A1000B	208/230/1/60	41	37	34	254	59/70	60/72	26	40	3/4	3/8
4A6V0048A1000B	208/230/1/60	41	37	34	266	61/74	62/76	29	45	7/8	3/8
4A6V0060A1000B	208/230/1/60	45	37	34	276	57/73	61/74	37	50	1 1/8	3/8



**Platinum 18  
(Variable Speed)**

**Table SH-3-B - Platinum 18 R-410A Split System Variable Speed Heat Pump (25–100% capacity)—with AccuLink™ ②**

Model Number	Power Supply	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating		MCA*	Max. Fuse*	Line Size (in)	
		H	W	D		(Cool)	(Heat)			OD Gas	OD Liq.
4A6V8024A1000B	208/230/1/60	41	33	30	216	54/65	60/69	17	25	5/8	3/8
4A6V8036A1000B	208/230/1/60	41	33	30	229	56/70	60/74	25	35	3/4	3/8
4A6V8037A1000B	208/230/1/60	41	37	34	254	56/70	60/74	26	40	3/4	3/8
4A6V8048A1000B	208/230/1/60	41	37	34	259	61/74	62/76	28	40	7/8	3/8
4A6V8049A1000B	208/230/1/60	41	37	34	266	61/74	62/76	29	45	7/8	3/8
4A6V8060A1000B	208/230/1/60	45	37	34	276	57/73	61/74	37	50	1 1/8	3/8



**Platinum 19  
(Variable Speed)**

**Table SH-3-C - Platinum 19 R-410A Side Discharge Variable Speed Heat Pump (50-100% capacity)—with AccuLink™ ②**

Model Number	Power Supply	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating		MCA*	Max. Fuse*	Line Size (in)	
		H	W	D		(Cool)	(Heat)			OD Gas	OD Liq.
4A6L9024A1000A①	208/230/1/60	41	33	30							
4A6L9036A1000A①	208/230/1/60	41	33	30							
4A6L9048A1000A①	208/230/1/60	41	37	34							
4A6L9060A1000A①	208/230/1/60	45	37	34							

① For coastal applications where units are installed within one (1) mile of salt water, epoxy coated models are available for order. Model numbers with "COT" in the eleventh (11) through thirteenth (13) digits represent an epoxy coated coil. Example: 4A6L9036A1COTA. These models have an 8 week lead time after order.

② Must use ACONT850, AZONE950 or AZON1050 control.

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

\*\* Rated in accordance with AHRI Standard 270-2008 (Min/Max when applicable).

Split System Heat Pumps

# AccuComfort™ Variable Speed Heat Pump Single Phase – 2-5 Tons

**Table SH-4-A — Features**

	Platinum 20 (4A6V0)	Platinum 19 (4A6L9)	Platinum 18 (4A6V8)
• SEER up to .....	21.00	<b>COMING Q2</b>	18.00
• HSPF up to .....	10.00		10.00
• <b>Duration™</b> compressor .....	1		1
• Number of stages .....	Variable		Variable
• <b>Comfort-R™</b> mode approved .....	✓		✓
• <b>AccuLink™</b> system .....	✓		✓
• <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 sound enclosure .....	✓		✓
• Compressor sump heat .....	✓		✓
• Factory supplied charge .....	R-410A		R-410A
• Glossy corrosion resistant finish .....	✓		✓
• High pressure switch .....	✓		✓
• Low pressure protection .....	✓		✓
• Internal high / low pressure & temperature protection .....	✓	✓	
• Liquid line filter drier - factory installed or factory supplied for field install .....	✓	✓	
• Start kit-factory installed .....	NA	NA	
• Seacoast shield - factory installed .....	✓	—	
• Spinnaker gray cabinet .....	✓	✓	
• <b>12-year registered limited warranty on compressor, 10-year on outdoor coil &amp; all other functional parts (Residential Use)①</b> .....	✓	✓	
• <b>Extended warranties available</b> .....	✓	✓	

**Table SH-4-B — Optional Accessories**

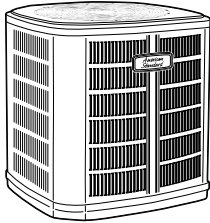
Model Number	Description	Shipping Weight		
BAYECMT023	Extreme Conditions Mounting Kit (Base 2/3) .....	2 .....	2	024-036
BAYECMT004	Extreme Conditions Mounting Kit (Base 4) .....	2 .....	3-5	037-060
BAYISLT101	Rubber Isolators .....	1 .....	✓	✓
BAYLEGS007	Snow Legs - 7" High (Black) .....	1 .....	✓	✓
BAYLEGS004	Snow Legs - 4" High (Black) .....	1 .....	✓	✓
BAYSEAC001	Seacoast Kit .....	1 .....	—	✓
PAI00309②	Heresite Spraypaint .....	1 .....	✓	✓
BRK05033③	Wall Mount Kit .....	.....	✓	✓

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

① Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at americanstandardair.com or by phone at 800-554-8005; otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.  
 ② Used for additional seacoast corrosion protection. Refer to bulletin number UN-SVB11A-EN for application information.  
 ③ Available from Trane Parts.

Split System Heat Pumps

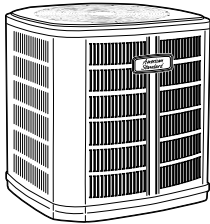
# Split System Heat Pumps Single Phase – 1½-5 Tons



**Gold 17  
(Two Stage)**

**Table SH-5-A — Gold 17 R-410A Split System Two Stage Heat Pump (70/100% capacity)**

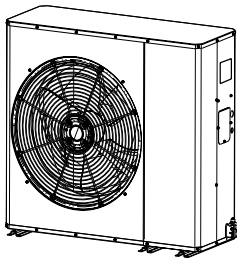
Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					OD Gas	OD Liq.
4A6H7024A1000C	208/230/1/60	24,000	41	37	34	272	72	15	25	5/8	3/8
4A6H7036B1000C	208/230/1/60	36,000	41	37	34	274	72	20	35	3/4	3/8
4A6H7048A1000C	208/230/1/60	48,000	45	37	34	329	73	28	45	7/8	3/8
4A6H7060A1000C	208/230/1/60	60,000	45	37	34	330	74	41	60	1 1/8	3/8



**Silver 16  
(Single Stage)**

**Table SH-5-B — Silver 16 R-410A Split System Single Stage Heat Pump**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					OD Gas	OD Liq.
4A6H6018H1000A	208/230/1/60	18,800	33	33	30	196	74	12	20	3/4	3/8
4A6H6024H1000A	208/230/1/60	24,200	33	33	30	208	71	14	25	3/4	3/8
4A6H6030H1000A	208/230/1/60	28,600	37	37	34	245	70	17	25	3/4	3/8
4A6H6036H1000A	208/230/1/60	34,800	37	37	34	246	70	18	30	7/8	3/8
4A6H6042H1000A	208/230/1/60	41,000	45	37	34	277	72	22	35	7/8	3/8
4A6H6048H1000A	208/230/1/60	47,000	45	37	34	300	72	26	40	7/8	3/8
4A6H6060H1000A	208/230/1/60	55,000	45	37	34	301	72	31	50	1 1/8	3/8



**Silver 16  
(Single Stage)**

**Table SH-5-C — Silver 16 R-410A Side Discharge Single Stage Heat Pump**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					OD Gas	OD Liq.
4A6L6018A1000A①	208/230/1/60	19,000	30	40	15	186	69	12	20	3/4	3/8
4A6L6024A1000A①	208/230/1/60	24,000	30	40	15	186	69	13	20	3/4	3/8
4A6L6030A1000A①	208/230/1/60	29,000	36	47	18	222	70	13	20	3/4	3/8
4A6L6036A1000A①	208/230/1/60	36,000	36	47	18	225	71	19	30	7/8	3/8
4A6L6042A1000A①	208/230/1/60	42,000	36	47	18	244	71	25	40	7/8	3/8
4A6L6048A1000A①	208/230/1/60	48,000	42	47	18	266	74	26	45	7/8	3/8
4A6L6060A1000A①	208/230/1/60	56,000	42	47	18	267	74	32	50	7/8	3/8

① For coastal applications where units are installed within one (1) mile of salt water, epoxy coated models are available for order. Model numbers with "COT" in the eleventh (11) through thirteenth (13) digits represent an epoxy coated coil. Example: 4A6L6036A1COTA. These models have an 8 week lead time after order.

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

\*\* Rated in accordance with AHRI Standard 270-2008 (Min/Max when applicable).

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

**Table SH-6-A — Features**

	Gold 17 (4A6H7)	Silver 16 (4A6H6)	Silver 16 (4A6L6)
• SEER up to.....	17.50	17.00	17.00
• HSPF up to.....	9.60	9.60	10.00
• <b>Duration™</b> compressor.....	✓	✓	✓
• Number of stages.....	2	1	1
• <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.....	✓	✓	—
• <b>Copper Tube Aluminum Fin</b> coil.....	—	—	✓
• Electronic Expansion Valve (EEV).....	✓	—	—
• Compressor sump heat - factory installed.....	✓	—	—
• Factory supplied charge .....	R-410A	R-410A	R-410A
• Glossy corrosion resistant finish.....	✓	✓	✓
• High pressure switch.....	✓	✓	✓
• Low pressure switch.....	✓	✓	✓
• Liquid line filter drier - factory supplied for field install.....	✓	✓	✓
• Seacoast shield - factory installed.....	✓	—	✓
• Spinnaker gray cabinet.....	✓	✓	✓
• <b>12-year registered limited warranty on compressor, 10-year on outdoor coil &amp; all other functional parts (Residential Use)①</b> .....	✓	—	—
• <b>10-year registered limited warranty on compressor, outdoor coil &amp; all other functional parts (Residential Use)①</b> .....	—	✓	✓
• <b>Extended warranties available</b> .....	✓	✓	✓

**Table SH-6-B — Optional Accessories**

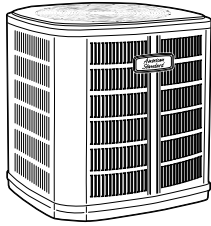
Model Number	Description	Shipping Weight			
AY28X084.....	Evaporator Defrost Control .....	1.....	✓	✓	✓
BAYCCHT301RES.....	Crankcase Heater Kit (Scroll).....	1.....	—	3½-5	3½-5
BAYCCHT302RES.....	Crankcase Heater Kit (Scroll).....	1.....	—	1½-3	1½-3
BAYECMT023.....	Extreme Conditions Mounting Kit (Base 2/3).....	2.....	—	1½-2	—
BAYECMT004.....	Extreme Conditions Mounting Kit (Base 4).....	2.....	✓	2½-5	—
BAYISLT101.....	Rubber Isolators.....	1.....	✓	✓	✓
BAYKSKT263.....	Start kit (Scroll) .....	1.....	2-3	✓	2½-5
BAYKSKT266.....	Start kit (Scroll) .....	1.....	4-5	—	—
BAYLEGS007.....	Snow Legs - 7" High (Black).....	1.....	✓	✓	✓
BAYLEGS004.....	Snow Legs - 4" High (Black).....	1.....	✓	✓	✓
BAYLOAM107A.....	Low Ambient Kit.....	1.....	—	✓	✓
TAYASCT501A②③.....	Anti-Short Cycle Timer .....	2.....	✓	✓	—
BAYSDEN003.....	Small Scroll Compressor Enclosures.....	8.....	2-3	1½-3	1½-3
BAYSDEN004.....	Large Scroll Compressor Enclosures .....	8.....	4-5	3½-5	3½-5
BAYSEAC001.....	Seacoast Kit .....	1.....	✓	✓	—
BAYWIND100.....	Wind Baffle.....	.....	1½-2	—	1½-2
BAYWIND101.....	Wind Baffle.....	.....	2½-5	—	2½-5
AAYSVPANL3343AA.....	Service Valve Panel Cover Kit .....	2.....	2-3	1½-2	—
AAYSVPANL0044AA.....	Service Valve Panel Cover Kit .....	2.....	4-5	2½-3	—
AAYSVPANL0046AA.....	Service Valve Panel Cover Kit .....	2.....	—	3½-5	—
PAI00309④.....	Heresite Spraypaint.....	1.....	✓	✓	✓
BRK05033⑤.....	Wall Mount Kit.....	.....	—	—	✓

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

- ① Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at americanstandardair.com or by phone at 800-554-8005; otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.
- ② Do not use with programmable thermostats.
- ③ Activated on Power Off.
- ④ Used for additional seacoast corrosion protection. Refer to bulletin number UN-SVB11A-EN for application information.
- ⑤ Available from Trane Parts.

Split System Heat Pumps

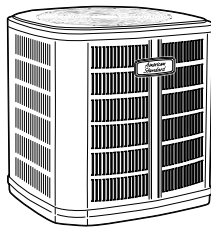
# Split System Heat Pumps Single Phase – 1½-5 Tons



**Silver 15  
(Single Stage)**

**Table SH-7-A — Silver 15 R-410A Split System Single Stage Heat Pump**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					OD Gas	OD Liq.
4A6H5018H1000A	208/230/1/60	18,600	29	29	26	161	73	12	20	3/4	3/8
4A6H5019H1000A	208/230/1/60	18,700	33	33	30	196	74	12	20	3/4	3/8
4A6H5024H1000A	208/230/1/60	24,600	33	33	30	208	71	14	25	3/4	3/8
4A6H5030H1000A	208/230/1/60	29,800	29	37	34	248	72	17	25	3/4	3/8
4A6H5036H1000A	208/230/1/60	36,000	45	37	34	246	70	18	30	7/8	3/8
4A6H5042H1000A	208/230/1/60	41,500	45	37	34	277	72	22	35	7/8	3/8
4A6H5048H1000A	208/230/1/60	48,000	45	37	34	300	72	24	40	7/8	3/8
4A6H5060H1000A	208/230/1/60	57,500	45	37	34	301	72	32	50	1 1/8	3/8



**Silver 14  
(Single Stage)**

**Table SH-7-B — Silver 14 R-410A Split System Single Stage Heat Pump**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					OD Gas	OD Liq.
4A6H4018G1000A	208/230/1/60	18,600	29	29	26	161	73	12	20	3/4	3/8
4A6H4024G1000A	208/230/1/60	24,400	29	33	30	191	71	14	25	3/4	3/8
4A6H4030G1000A	208/230/1/60	29,000	29	37	34	248	72	17	25	3/4	3/8
4A6H4036G1000A	208/230/1/60	34,000	29	37	34	248	76	19	30	7/8	3/8
4A6H4042G1000A	208/230/1/60	41,500	29	37	34	248	72	25	40	7/8	3/8
4A6H4048G1000A	208/230/1/60	48,500	33	37	34	300	72	25	45	7/8	3/8
4A6H4060G1000A	208/230/1/60	58,000	45	37	34	315	72	32	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 AHRI Standard 270-2008.

Read

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

**Table SH-8-A — Features**

	Silver 15 (4A6H5)	Silver 14 (4A6H4)
• SEER up to.....	15.50	14.50
• HSPF up to.....	9.50	8.50
• <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.....	✓	✓
• Factory supplied charge .....	R-410A	R-410A
• Glossy corrosion resistant finish.....	✓	✓
• High pressure switch.....	✓	✓
• Low pressure switch.....	—	✓
• Internal high / low pressure & temperature protection.....	✓	✓
• Liquid line filter drier - factory supplied for field install.....	✓	✓
• Spinnaker gray cabinet.....	✓	✓
• <b>10-year registered limited warranty on compressor, outdoor coil &amp; all other functional parts (Residential Use)①</b> .....	✓	✓
• <b>Extended warranties available</b> .....	✓	✓

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

Model Number	Description	Shipping Weight		
AY28X084.....	Evaporator Defrost Control .....	1.....	✓	✓
BAYCCHT301RES .....	Crankcase Heater Kit (Scroll).....	1.....	5	3½-5
BAYCCHT302RES .....	Crankcase Heater Kit (Scroll).....	1.....	1½-3	1½-3
BAYECMT023 .....	Extreme Conditions Mounting Kit (Base 2/3).....	2.....	1½-2	1½-2
BAYECMT004 .....	Extreme Conditions Mounting Kit (Base 4).....	2.....	2½-5	2½-5
BAYISLT101 .....	Rubber Isolators.....	1.....	✓	✓
BAYKSKT263 .....	Start kit (Scroll) .....	1.....	✓	✓
BAYLEGS007 .....	Snow Legs - 7" High (Black) .....	1.....	✓	✓
BAYLEGS004 .....	Snow legs - 4" High (Black) .....	1.....	✓	✓
BAYLOAM107A .....	Low Ambient Kit .....	1.....	✓	✓
TAYASCT501A②③ .....	Anti-Short Cycle Timer .....	2.....	✓	✓
BAYSDEN003.....	Small Scroll Compressor Enclosures.....	8.....	1½-3	1½-3
BAYSDEN004.....	Large Scroll Compressor Enclosures .....	8.....	4-5	3½-5
BAYSEAC001 .....	Seacoast Kit .....	1.....	✓	✓
AAYSVPANL0022AA... Service Valve Panel Cover Kit .....		2.....	1½	1½
AAYSVPANL0032AA... Service Valve Panel Cover Kit .....		2.....	2½	2-3½
AAYSVPANL3343AA... Service Valve Panel Cover Kit .....		2.....	019,024	4
AAYSVPANL0044AA... Service Valve Panel Cover Kit .....		2.....	3	—
AAYSVPANL0046AA... Service Valve Panel Cover Kit .....		2.....	5	5
PAI00309④.....	Heresite Spraypaint.....	1.....	✓	✓

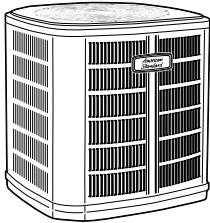
**Comfort Controls — See Comfort Controls/Zone Sensors Section**

- ① Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at americanstandardair.com or by phone at 800-554-8005; otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.
- ② Do not use with programmable thermostats.
- ③ Activated on Power Off.
- ④ Used for additional seacoast corrosion protection. Refer to bulletin number UN-SVB11A-EN for application information.

Split System Heat Pumps



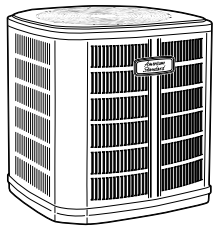
# Split System Heat Pumps Three Phase



**Gold 17  
(Two Stage)  
3-Phase**

**Table SH-9-A — Gold 17 3-Phase R-410A Split System Two Stage Heat Pump - Three Phase**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					Gas	Liq.
4A6C7036A3000A	208/230/3/60	36,000	45	37	34	307	72	15	25	3/4	3/8
4A6C7048A3000A	208/230/3/60	46,500	45	37	34	323	73	18	30	7/8	3/8
4A6C7060A3000A	208/230/3/60	58,500	45	37	34	326	74	22	35	1 1/8	3/8
4A6C7036A4000A	460/3/60	36,000	45	37	34	307	72	8	15	3/4	3/8
4A6C7048A4000A	460/3/60	46,500	45	37	34	323	73	9	15	7/8	3/8
4A6C7060A4000A	460/3/60	58,500	45	37	34	326	74	10	15	1 1/8	3/8



**Silver 14  
(Single Stage)  
3-Phase**

**Table SH-9-B — Silver 14 3-Phase R-410A Split System Single Stage Heat Pump - Three Phase**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					Gas	Liq.
4A6C4036A3000A	208/230/3/60	36,800	29	37	34	248	75	13	20	7/8	3/8
4A6C4042A3000A	208/230/3/60	41,500	29	37	34	248	74	18	20	7/8	3/8
4A6C4048A3000A	208/230/3/60	47,500	33	37	34	300	74	18	30	7/8	3/8
4A6C4060A3000A	208/230/3/60	55,500	45	37	34	301	74	21	35	1 1/8	3/8
4A6C4036A4000A	460/3/60	35,600	29	37	34	248	75	6	15	7/8	3/8
4A6C4042A4000A	460/3/60	42,000	29	37	34	248	74	8	15	7/8	3/8
4A6C4048A4000A	460/3/60	47,500	33	37	34	300	74	8	15	7/8	3/8
4A6C4060A4000A	460/3/60	55,000	45	37	34	301	74	9	15	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 AHRI Standard 270-2008.

Ready

Split System Heat Pumps

# Split System Heat Pumps Single Phase and Three Phase

**Table SH-10-A — Features**

	Gold 17 (4A6C7)	Silver 14 (4A6C4)
• SEER up to .....	17.5	15.5
• HSPF up to.....	9.60	9.50
• <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 heat - factory installed .....	✓	✓
• Refrigerant .....	R-410A	R-410A
• Glossy corrosion resistant finish .....	✓	✓
• High pressure switch.....	✓	✓
• Low pressure switch.....	✓	✓
• Liquid line filter drier - factory supplied for Field Install .....	✓	✓
• <b>5-year basic limited warranty on compressor, 1-year on outdoor coil &amp; all other functional parts (Commercial Use)</b> .....	✓	✓
• <b>5-year registered limited warranty on compressor, outdoor coil &amp; 5-year on all other functional parts (Residential Use) ①</b> .....	✓	✓
• <b>Extended warranties available</b> .....	✓	✓

**Table SH-10-B — Optional Accessories**

Model Number	Description	Shipping Weight		
AY28X084.....	Evaporator Defrost Control HP .....	1.....	✓	✓
BAYCCHT301RES.....	Crankcase Heater Kit (Scroll).....	1.....	4-5	3½-5
BAYCCHT302RES.....	Crankcase Heater Kit (Scroll).....	1.....	3	3
BAYECMT004.....	Extreme Conditions Mounting Kit (Base 4).....	2.....	3-5	3-5
BAYISLT101.....	Rubber Isolators.....	1.....	✓	✓
BAYLEGS007.....	Snow Legs - 7" High (Black) .....	1.....	✓	✓
BAYLEGS004.....	Snow Legs - 4" High (Black) .....	1.....	✓	✓
BAYLOAM107A.....	Low Ambient Kit .....	1.....	—	✓
BAYSDEN003.....	Small Scroll Compressor Enclosures.....	8.....	3	✓
BAYSDEN004.....	Large Scroll Compressor Enclosures.....	8.....	4,5	3½-5
BAYSEAC001.....	Seacoast Kit .....	1.....	✓	✓
TAYASCT501A②③.....	Anti-short cycle timer .....	2.....	✓	4
PAI00309④.....	Heresite Spraypaint.....	1.....	✓	—
AAYSVPANL0032AA.....	Service Valve Panel Cover Kit .....	2.....	—	3-3½
AAYSVPANL0044AA.....	Service Valve Panel Cover Kit .....	2.....	3-5	—
AAYSVPANL0046AA.....	Service Valve Panel Cover Kit .....	2.....	—	5
AAYSVPANL3343AA.....	Service Valve Panel Cover Kit .....	2.....	—	4

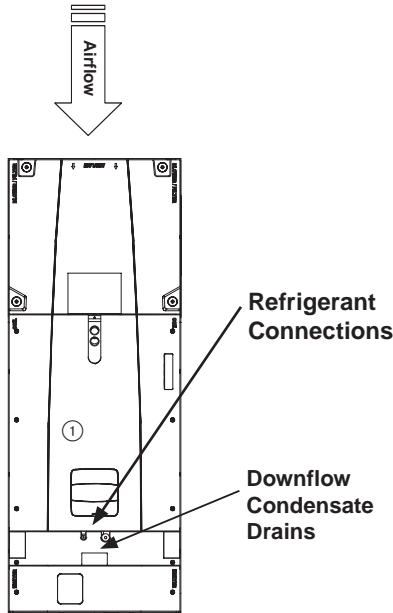
**Comfort Controls — See Comfort Controls/Zone Sensors Section**

- ① Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at americanstandardair.com or by phone at 800-554-8005; otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.
- ② Do not use with programmable thermostats.
- ③ Activated on Power Off.
- ④ Used for additional seacoast corrosion protection. Refer to bulletin number UN-SVB11A-EN for application information.

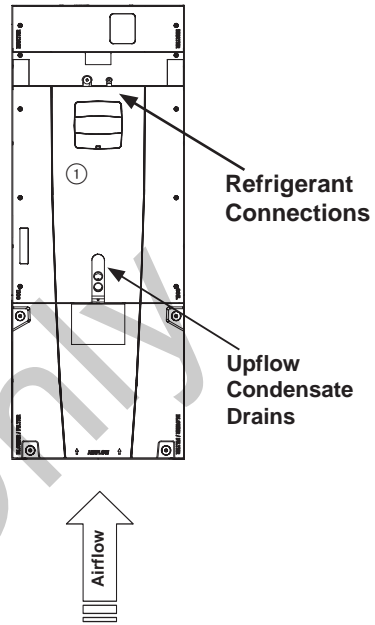
Split System Heat Pumps

# Multi-position Air Handler

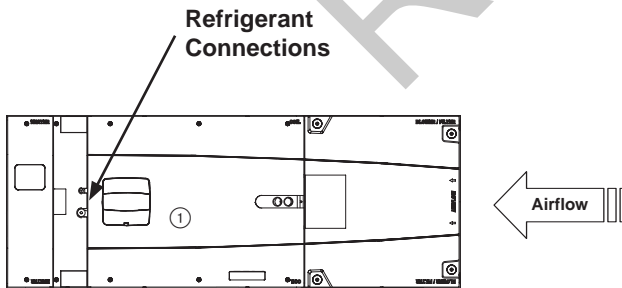
\* **Note: No internal modifications required for any position.**  
 ① Badge rotation will keep brand in correct position



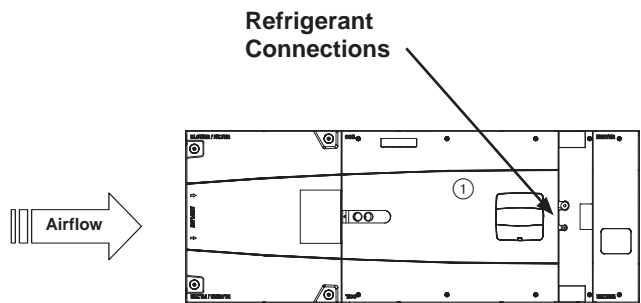
**Vertical Downflow\***



**Vertical Upflow\*  
(as shipped)**

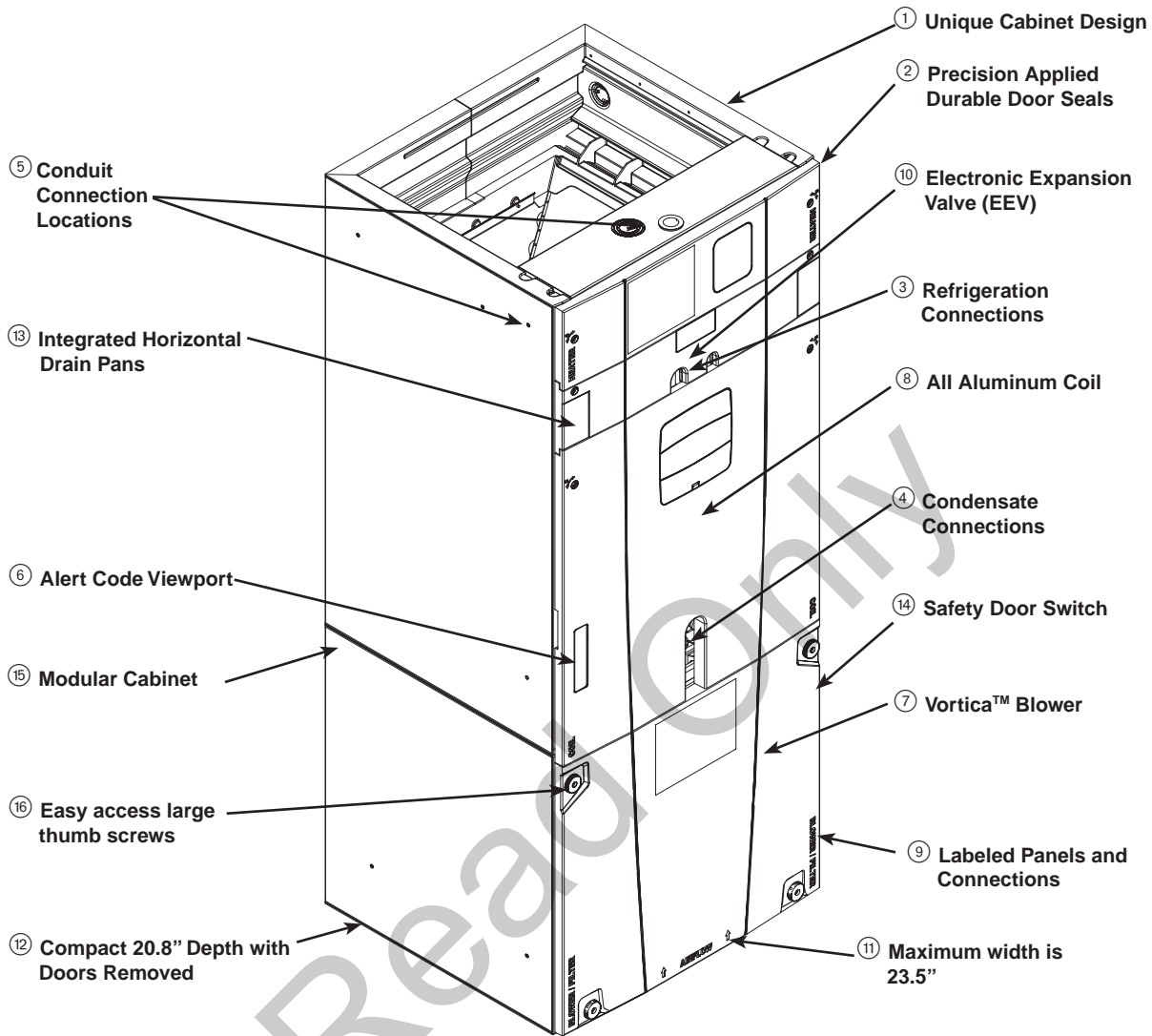


**Horizontal Left\***



**Horizontal Right\***

# Features and Benefits



**① Unique Cabinet Design**

- Double wall foamed cabinet system
- Waterproof Cabinet Design (No Thermal Breakage)
- ≥ R-4.2 Insulating Value (Avg. Insulating Value R-8.2)
- Composite Cabinet Doors
- Sweat Eliminating Cabinet Design
- Loose Fiber Eliminating Design
- Smooth Cleanable Cabinet Design

**② Precision Applied Durable Door Seals**

**③ Refrigeration Connections**

**④ Condensate Connections**

- ⑤ Conduit Connection Locations** - Dimples in cabinet mark Conduit Connection Locations for Left, Right, and Top

**⑥ Alert Code Viewport**

- Alert Codes can be Viewed Without Door Removal
- Control Protection Pocket

**⑦ Vortica™ Blower**

- Polarized Plug Connections
- Integrated Slide Deck for Easy Removal

**⑧ All Aluminum Coil**

- Integrated Slide Deck for Easy Removal
- Polarized Plug connections on Coil EEV
- Patented Enhanced Coil Fin

**⑨ Labeled Panels and Connections**

**⑩ Electronic Expansion Valve (EEV)**

- Low Ambient and Low Superheat Compressor Protection
- Dual Refrigerant Compatible as Shipped

**⑪ Maximum width is 23.5"**

**⑫ Compact 20.8" Depth with Doors Removed**

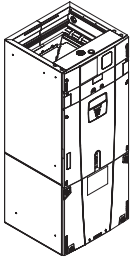
**⑬ Integrated Horizontal Drain Pans**

**⑭ Safety Door Switch** - Fused 24V Power

**⑮ Modular Cabinet**

**⑯ Easy access large thumb screws**

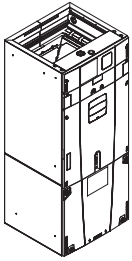
## Series 9 Variable Speed Multi-Position Air Handlers 2-5 Tons



**Table AH-3-A — AccuLink™ II or 24V Variable Speed R-410A with Smart Fan Options 200-230/1/60, Epoxy Coated Coil**

Unit Model No.	Cooling Capacity (Btuh)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening	Return Opening	Filter Sizes	Line Size	
							Gas	Liquid
TAM9A0A24V21DA	24000	49.9 x 17.5 x 21.8	126	14.5 x 14.35	14.5 x 17.15	16 x 20 x 1	3/4	3/8
TAM9A0B30V31DA	30000	55.7 x 21.3 x 21.8	150	18.4 x 14.35	18.4 x 17.15	20 x 20 x 1	3/4	3/8
TAM9A0C36V31DA	36000	56.9 x 23.5 x 21.8	157	20.5 x 14.35	20.5 x 17.15	22 x 20 x 1	7/8	3/8
TAM9A0C42V41DA	42000	56.9 x 23.5 x 21.8	162	20.5 x 14.35	20.5 x 17.15	22 x 20 x 1	7/8	3/8
TAM9A0C48V41DA	48000	61.7 x 23.5 x 21.8	174	20.5 x 14.35	20.5 x 17.15	22 x 20 x 1	7/8	3/8
TAM9A0C60V51DA	60000	61.7 x 23.5 x 21.8	175	20.5 x 14.35	20.5 x 17.15	22 x 20 x 1	7/8	3/8

## Series 7 Variable Speed Multi-Position Air Handlers 2-5 Tons



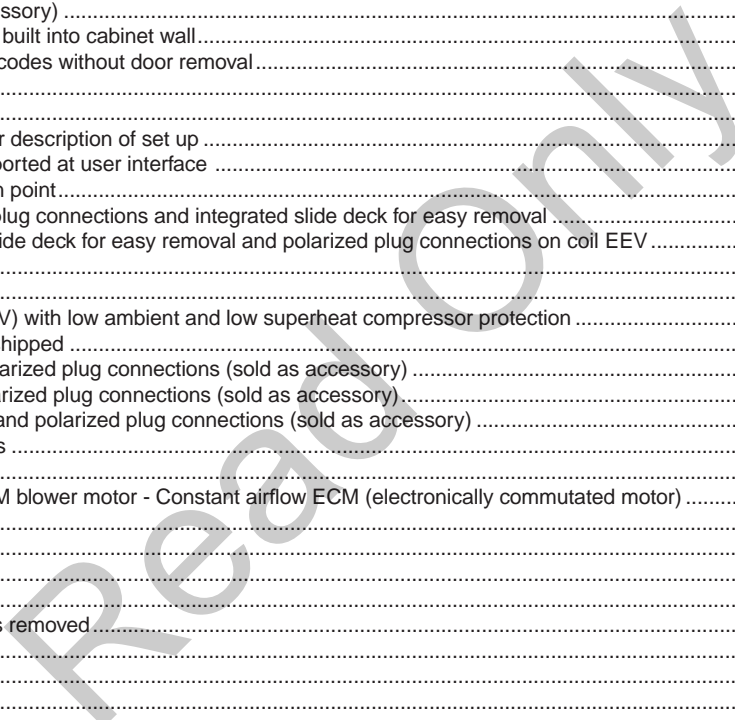
**Table AH-3-B — Variable Speed R-410A with Comfort-R™ Enhanced Mode Option 200-230/1/60, Epoxy Coated Coil**

Unit Model No.	Cooling Capacity (Btuh)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening	Return Opening	Filter Sizes	Line Size	
							Gas	Liquid
TAM7A0A24H21EA	24000	49.9 x 17.5 x 21.8	126	14.5 x 14.35	14.5 x 17.15	16 x 20 x 1	3/4	3/8
TAM7A0B30H21EA	30000	55.7 x 21.3 x 21.8	150	18.4 x 14.35	18.4 x 17.15	20 x 20 x 1	3/4	3/8
TAM7A0C36H31EA	36000	56.9 x 23.5 x 21.8	157	20.5 x 14.35	20.5 x 17.15	22 x 20 x 1	7/8	3/8
TAM7A0C42H31EA	42000	56.9 x 23.5 x 21.8	162	20.5 x 14.35	20.5 x 17.15	22 x 20 x 1	7/8	3/8
TAM7A0C48H41EA	48000	61.7 x 23.5 x 21.8	174	20.5 x 14.35	20.5 x 17.15	22 x 20 x 1	7/8	3/8
TAM7B0C60H51EA	60000	61.7 x 23.5 x 21.8	175	20.5 x 14.35	20.5 x 17.15	22 x 20 x 1	7/8	3/8

# Series 9 & 7 Variable Speed Multi-Position Air-Tite™ Air Handlers

**Table AH-4-A — Features**

	TAM9 2-5	TAM7 2-5
• Unique cabinet design.....	✓	✓
– 2% or less air leakage.....	✓	✓
– Precision applied - durable door seals.....	✓	✓
– Specially designed air seal around refrigerant, condensate and conduit connections.....	✓	✓
– Double wall foamed cabinet system.....	✓	✓
– ≥ R-4.2 insulating value (Avg. Insulating Value R-8.2).....	✓	✓
– No loose fiber design.....	✓	✓
– Smooth cleanable interior design.....	✓	✓
– Sweat eliminating design.....	✓	✓
– Composite cabinet doors.....	✓	✓
– Water proof cabinet design.....	✓	✓
– Integrated horizontal drain pans.....	✓	✓
– Modular cabinet.....	✓	✓
• Multi-position up/down flow horizontal left/right.....	✓	✓
• Side return option (sold as accessory).....	✓	✓
• Control board protection pocket built into cabinet wall.....	✓	✓
• Alert port to view control board codes without door removal.....	✓	✓
• AccuLink™ II or 24 Volt control.....	✓	✓
• Alert code notification.....	✓	✓
• 5 button user interface and clear description of set up.....	✓	✓
• Service diagnostic with alert reported at user interface.....	✓	✓
• Low voltage terminal connection point.....	✓	✓
• Vortica® blower with polarized plug connections and integrated slide deck for easy removal.....	✓	✓
• Aluminum coil with integrated slide deck for easy removal and polarized plug connections on coil EEV.....	✓	✓
• Patented enhanced coil fin.....	✓	✓
• Epoxy coated coil.....	✓	✓
• Electronic Expansion Valve (EEV) with low ambient and low superheat compressor protection.....	✓	✓
• Dual refrigerant compatible as shipped.....	✓	✓
• Slide in electric heaters with polarized plug connections (sold as accessory).....	✓	✓
• Slide in hot water coils with polarized plug connections (sold as accessory).....	✓	✓
• UVC light kit with safety switch and polarized plug connections (sold as accessory).....	✓	✓
• Labeled panels and connections.....	✓	✓
• Molded in 1" standard filter rail.....	✓	✓
• Direct drive, variable speed ECM blower motor - Constant airflow ECM (electronically commutated motor).....	✓	✓
• Soft start fan motor operation.....	✓	✓
• <b>Comfort R™</b> mode.....	✓	✓
• Built in fan delay modes.....	✓	✓
• Maximum width of 23.5".....	✓	✓
• Compact 20.8" depth with doors removed.....	✓	✓
• Fused 24v power.....	✓	✓
• Safety door switch.....	✓	✓
• <b>5-year base limited warranty</b> .....	✓	✓
• <b>10-year registered limited warranty</b> .....	✓	✓
• <b>Optional extended warranty available</b> .....	✓	✓





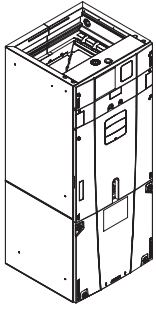
# Series 9 & 7 Variable Speed Multi-Position Air-Tite™ Air Handlers

**Table AH-5-A — Optional Accessories**

Model Number	Description	Matches	Cabinet Size(s) <sup>①</sup>	TAM9	TAM7
BAYWAAA05SC1AA	Hydronic Heater, 40,000 BTUH, Nominal <sup>③</sup>		A	✓	—
BAYWABB07SC1AA	Hydronic Heater, 50,000 BTUH, Nominal <sup>③</sup>		B	✓	—
BAYWACC08SC1AA	Hydronic Heater, 65,000 BTUH, Nominal <sup>③</sup>		C	✓	—
BAYWVAA05SC1AA	Hydronic Heater, 40,000 BTUH, Nominal, Slide-in, RS-485 Control <sup>④</sup>		A	—	✓
BAYWVBB07SC1AA	Hydronic Heater, 50,000 BTUH, Nominal, Slide-in, RS-485 Control <sup>④</sup>		B	—	✓
BAYWVCC08SC1AA	Hydronic Heater, 65,000 BTUH, Nominal, Slide-in, RS-485 Control <sup>④</sup>		C	—	✓
BAYWACC11SC1AA	Hydronic Heater, 100,000 BTUH, Nominal, External, No Control <sup>⑤</sup>		C	✓	✓
BAYWAKIT24VAC	Hydronic Heater Relay Kit		C	✓	—
BAYWVBRD485	RS-485 Control for BAYWACC11SC1AA		C	—	✓
BAYSUPFLGAA	Supply Duct Flange A		A	✓	✓
BAYSUPFLGBA	Supply Duct Flange B		B	✓	✓
BAYSUPFLGCA	Supply Duct Flange C		C	✓	✓
BAYRETFLLGAA	Return Duct Flange A		A	✓	✓
BAYRETFLLGBA	Return Duct Flange B		B	✓	✓
BAYRETFLLGCA	Return Duct Flange C		C	✓	✓
BAYFLR1620A	Washable high velocity filter, 16" x 20" x 1" (10 filters)		A	✓	✓
BAYFLR2020A	Washable high velocity filter, 20" x 20" x 1" (10 filters)		B	✓	✓
BAYFLR2220A	Washable high velocity filter, 22" x 20" x 1" (10 filters)		C	✓	✓
TASB175SB <sup>⑥⑦</sup>	Plenum Stand with Integrated Sound Baffle A		A	✓	✓
TASB215SB <sup>⑥⑦</sup>	Plenum Stand with Integrated Sound Baffle B		B	✓	✓
TASB235SB <sup>⑥⑦</sup>	Plenum Stand with Integrated Sound Baffle C		C	✓	✓
MTISRKIT1620 <sup>②</sup>	Side Return Kit with 16"x20" Filter		A-C	✓	✓
BAYSRKIT100	Side Return Kit		A-C	✓	✓
BAYFRKIT175	Front Return Kit		A	✓	✓
BAYFRKIT210	Front Return Kit		B	✓	✓
BAYFRKIT235	Front Return Kit		C	✓	✓
TASSBK175 <sup>④⑥⑦</sup>	Sound Baffle Kit 17.5" Cabinet		A	✓	✓
TASSBK215 <sup>④⑥⑦</sup>	Sound Baffle Kit 21.5" Cabinet		B	✓	✓
TASSBK235 <sup>④⑥⑦</sup>	Sound Baffle Kit 23.5" Cabinet		C	✓	✓
BAYSPEKT200	Single Power Entry Kit			✓	✓
TAYBASETAMA	Downflow Sub-Base Kit		A-C	✓	✓
BAYICKSIT01	Internal Condensate Switch Kit			✓	✓
BAYHHKIT001	Horizontal Hanger Kit			✓	✓
BAYUVCLK001	UVC Lights			✓	✓
BAYLVKIT100	Low Voltage Conduit Entry Kit			✓	✓
BAYAHEMIKIT001	Air handler Electronic Noise Kit used on Variable Speed Blower Motor			✓	✓
BAYBAFKT175A <sup>⑦</sup>	Sound Baffle Kit 17.5" Cabinet		A	✓	✓
BAYBAFKT215A <sup>⑦</sup>	Sound Baffle Kit 21.5" Cabinet		B	✓	✓
BAYBAFKT235A <sup>⑦</sup>	Sound Baffle Kit 23.5" Cabinet		C	✓	✓
BAYINSKT175A	Sound Insulation Kit 17.5" Cabinet		A	✓	✓
BAYINSKT215A	Sound Insulation Kit 21.5" Cabinet		B	✓	✓
BAYINSKT235A	Sound Insulation Kit 23.5" Cabinet		C	✓	✓
BAYCNDPIP01A	3/4" PVC Threaded Pipe Kit with foam seal (10 kits)			✓	✓

① A Cabinet is 17.5" wide, B Cabinet is 21.5" wide, C Cabinet is 23.5" wide.  
 ② Contact your distributor for information.  
 ③ TCONT900 Thermostat can not be used with Hydronic heating.  
 ④ In return plenum applications, use TASSBK kits for sound reduction.  
 ⑤ In open air applications, Plenum Stand with Sound Baffle provides sound reduction.  
 ⑥ Mounts to TASB original plenum stands without integrated sound baffle.  
 ⑦ Mounts inside air filter channel on air handler.

# Series 4 Multi-Position Air Handlers Single Phase 1½-5 Tons



**Table AH-6-A — Multi-Speed PSC Motor 200-230/1/60, Epoxy Coated Coil**

Unit Model No.	Cooling Capacity (Btuh)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening	Return Opening	Filter Sizes	Line Size Gas	Line Size Liquid
TAM4A0A18S11ED	18000	49.9 x 17.5 x 21.8	123	14.5 x 14.35	14.5 x 17.15	16 x 20 x 1	¾	¾
TAM4A0A24S21ED	24000	49.9 x 17.5 x 21.8	126	14.5 x 14.35	14.5 x 17.15	16 x 20 x 1	¾	¾
TAM4A0A30S21ED	30000	49.9 x 17.5 x 21.8	127	14.5 x 14.35	14.5 x 17.15	16 x 20 x 1	7/8	¾
TAM4A0A36S31ED	36000	49.9 x 17.5 x 21.8	130	14.5 x 14.35	14.5 x 17.15	16 x 20 x 1	7/8	¾
TAM4A0B42S31ED	42000	55.7 x 21.3 x 21.8	144	18.4 x 14.35	18.4 x 17.15	20 x 20 x 1	7/8	¾
TAM4A0C48S41ED	48000	56.9 x 23.5 x 21.8	155	20.5 x 14.35	20.5 x 17.15	20 x 20 x 1	7/8	¾
TAM4A0C60S51ED①	60000	61.7 x 23.5 x 21.8	171	20.5 x 14.35	20.5 x 17.15	22 x 20 x 1	7/8	¾

① High efficiency ECM motor.

**Table AH-6-B — Features**

Table AH-6-B — Features	TAM4 1 1/2-5
• Unique cabinet design.....	✓
– 2% or less air leakage.....	✓
– Precision applied - durable door seals.....	✓
– Specially designed air seal around refrigerant, condensate and conduit connections.....	✓
– Double wall foamed cabinet system.....	✓
– ≥ R-4.2 insulating value (Avg. Insulating Value R-8.2).....	✓
– No loose fiber design.....	✓
– Smooth cleanable interior design.....	✓
– Sweat eliminating design.....	✓
– Composite cabinet doors.....	✓
– Water proof cabinet design.....	✓
– Integrated horizontal drain pans.....	✓
– Modular cabinet.....	✓
• Multi-position up/down flow horizontal left/right.....	✓
• Side return option (sold as accessory).....	✓
• Alert code notification.....	✓
• Low voltage pigtail connections.....	✓
• <b>Vortica</b> ® blower with polarized plug connections and integrated slide deck for easy removal.....	✓
• Aluminum coil with integrated slide deck for easy removal and polarized plug connections on coil EEV.....	✓
• Enhanced coil fin patented.....	✓
• Epoxy coated coil.....	✓
• Electronic Expansion Valve (EEV) with low ambient and low superheat compressor protection.....	✓
• Dual refrigerant compatible as shipped.....	✓
• Slide in electric heaters with polarized plug connections (sold as accessory).....	✓
• UVC light kit with safety switch and polarized plug connections (sold as accessory).....	✓
• Labeled panels and connections.....	✓
• Molded in 1" standard filter rail.....	✓
• PSC 3 speed motor.....	1½-4
• Direct drive, multi speed ECM blower motor - Constant torque ECM (electronically commutated motor).....	5
• Maximum width of 23.5".....	✓
• Compact 20.8" depth with doors removed.....	✓
• Fused 24v power.....	✓
• Safety door switch.....	✓
• <b>5-year base limited warranty</b> .....	✓
• <b>10-year registered limited warranty</b> .....	✓
• <b>Optional extended warranty available</b> .....	✓

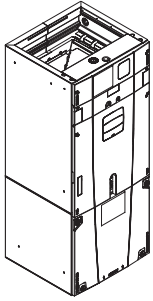
# Series 4 Multi-Position Air Handlers Single Phase 1½-5 Tons

**Table AH-7-A — Optional Accessories**

Model Number	Description	Matches Cabinet Size(s) <sup>①</sup>	TAM4
BAYSUPFLGAA	Supply Duct Flange A	A	✓
BAYSUPFLGBA	Supply Duct Flange B	B	✓
BAYSUPFLGCA	Supply Duct Flange C	C	✓
BAYRETFLGAA	Return Duct Flange A	A	✓
BAYRETFLGBA	Return Duct Flange B	B	✓
BAYRETFLGCA	Return Duct Flange C	C	✓
BAYFLR1620A	Washable high velocity filter, 16" x 20" x 1" (10 filters)	A	✓
BAYFLR2020A	Washable high velocity filter, 20" x 20" x 1" (10 filters)	B	✓
BAYFLR2220A	Washable high velocity filter, 22" x 20" x 1" (10 filters)	C	✓
TASB175SB <sup>②④</sup>	Plenum Stand with Integrated Sound Baffle A	A	✓
TASB215SB <sup>②④</sup>	Plenum Stand with Integrated Sound Baffle B	B	✓
TASB235SB <sup>②④</sup>	Plenum Stand with Integrated Sound Baffle C	C	✓
MTISRKIT1620 <sup>②</sup>	Side Return Kit with 16"x20" Filter	A-C	✓
TASSBK175 <sup>②③⑤</sup>	Sound Baffle Kit 17.5" Cabinet	A	✓
TASSBK215 <sup>②③⑤</sup>	Sound Baffle Kit 21.5" Cabinet	B	✓
TASSBK235 <sup>②③⑤</sup>	Sound Baffle Kit 23.5" Cabinet	C	✓
BAYSPEKT200	Single Power Entry Kit		✓
BAYSRKIT100	Side Return Kit	A-C	✓
BAYFRKIT175	Front Return Kit	A	✓
BAYFRKIT210	Front Return Kit	B	✓
BAYFRKIT235	Front Return Kit	C	✓
BAYICKIT01	Internal Condensate Switch Kit		✓
BAYHHKIT001	Horizontal Hanger Kit		✓
BAYUVCLK001	UV Lights		✓
BAYLVKIT100A	Low Voltage Conduit Entry Kit		✓
BAYAHEMIKIT001	Air handler Electronic Noise Kit used on Variable Speed Blower Motor		✓
BAYBAFKT175A <sup>⑥</sup>	Sound Baffle Kit 17.5" Cabinet	A	✓
BAYBAFKT215A <sup>⑥</sup>	Sound Baffle Kit 21.5" Cabinet	B	✓
BAYBAFKT235A <sup>⑥</sup>	Sound Baffle Kit 23.5" Cabinet	C	✓
BAYINSKT175A	Sound Insulation Kit 17.5" Cabinet	A	✓
BAYINSKT215A	Sound Insulation Kit 21.5" Cabinet	B	✓
BAYINSKT235A	Sound Insulation Kit 23.5" Cabinet	C	✓
BAYCNDPIP01A	¾" PVC Threaded Pipe Kit with foam seal (10 kits)		✓

① A Cabinet is 17.5" wide, B Cabinet is 21.5" wide, C Cabinet is 23.5" wide.  
 ② Contact your distributor for information.  
 ③ In return plenum applications, use TASSBK kits for sound reduction.  
 ④ In open air applications, Plenum Stand with Sound Baffle provides sound reduction.  
 ⑤ Mounts to TASB original plenum stands without integrated sound baffle.  
 ⑥ Mounts inside air filter channel on air handler.

# Series 5 Multi-Position Air Handlers Single Phase 1½-5 Tons



**Table AH-8-A — Multi-Speed High Efficiency Motor 200-230/1/60, Epoxy Coated Coil**

Unit Model No.	Cooling Capacity (Btuh)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening	Return Opening	Filter Sizes	Line Size	
							Gas	Liquid
GAM5B0A18M11EA	18000	49.9 x 17.5 x 21.8	126	14.5 x 14.35	14.5 x 17.15	16 x 20 x 1	¾	⅜
GAM5B0A24M21EA	24000	49.9 x 17.5 x 21.8	126	14.5 x 14.35	14.5 x 17.15	16 x 20 x 1	¾	⅜
GAM5B0B30M21EA	30000	51.5 x 21.3 x 21.8	140	18.4 x 14.35	18.4 x 17.15	20 x 20 x 1	¾	⅜
GAM5B0B36M31EA	36000	55.7 x 21.3 x 21.8	150	18.4 x 14.35	18.4 x 17.15	20 x 20 x 1	7/8	⅜
GAM5B0C42M31EA	42000	56.9 x 23.5 x 21.8	163	20.5 x 14.35	20.5 x 17.15	22 x 20 x 1	7/8	⅜
GAM5B0C48M41EA	48000	61.7 x 23.5 x 21.8	176	20.5 x 14.35	20.5 x 17.15	22 x 20 x 1	7/8	⅜
GAM5B0C60M51EA	60000	61.7 x 23.5 x 21.8	180	20.5 x 14.35	20.5 x 17.15	22 x 20 x 1	7/8	⅜

**Table AH-8-B — Features**

	GAM5 1 1/2-5
• Unique cabinet design.....	✓
– 2% or less air leakage.....	✓
– Precision applied - durable door seals.....	✓
– Specially designed air seal around refrigerant, condensate and conduit connections.....	✓
– Double wall foamed cabinet system.....	✓
– ≥ R-4.2 insulating value (Avg. Insulating Value R-8.2).....	✓
– No loose fiber design.....	✓
– Smooth cleanable interior design.....	✓
– Sweat eliminating design.....	✓
– Composite cabinet doors.....	✓
– Water proof cabinet design.....	✓
– Integrated horizontal drain pans.....	✓
– Modular cabinet.....	✓
• Multi-position up/down flow horizontal left/right.....	✓
• Side return option (sold as accessory).....	✓
• Low voltage pigtail connections.....	✓
• <b>Vortica</b> ® blower with polarized plug connections and integrated slide deck for easy removal.....	✓
• Aluminum coil with integrated slide deck for easy removal.....	✓
• Patented enhanced coil fin.....	✓
• Epoxy coated coil.....	✓
• R-410A TXV.....	✓
• Slide in electric heaters with polarized plug connections (sold as accessory).....	✓
• UVC light kit with safety switch and polarized plug connections (sold as accessory).....	✓
• Labeled panels and connections.....	✓
• Molded in 1" standard filter rail.....	✓
• Direct drive, multi speed ECM blower motor - Constant torque ECM (electronically commutated motor).....	✓
• Maximum width of 23.5".....	✓
• Compact 20.8" depth with doors removed.....	✓
• Fused 24v power.....	✓
• Safety door switch.....	✓
• <b>5-year base limited warranty</b> .....	✓
• <b>10-year registered limited warranty</b> .....	✓
• <b>Optional extended warranty available</b> .....	✓

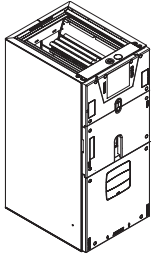
# Series 5 Multi-Position Air Handlers Single Phase 1½-5 Tons

**Table AH-9-A — Optional Accessories**

Model Number	Description	Matches Cabinet Size(s) <sup>①</sup>	GAM5
BAYWAAA05SC1AA	Hydronic Heater, 40,000 BTUH, Nominal, Slide-in, No Control	A	✓
BAYWABB07SC1AA	Hydronic Heater, 50,000 BTUH, Nominal, Slide-in, No Control	B	✓
BAYWACC08SC1AA	Hydronic Heater, 65,000 BTUH, Nominal, Slide-in, No Control	C	✓
BAYWACC11SC1AA	Hydronic Heater, 100,000 BTUH, Nominal, Slide-in, No Control	C	✓
BAYSUPFLGAA	Supply Duct Flange A	A	✓
BAYSUPFLGBA	Supply Duct Flange B	B	✓
BAYSUPFLGCA	Supply Duct Flange C	C	✓
BAYRETFLGAA	Return Duct Flange A	A	✓
BAYRETFLGBA	Return Duct Flange B	B	✓
BAYRETFLGCA	Return Duct Flange C	C	✓
BAYFLR1620A	Washable high velocity filter, 16" x 20" x 1" (10 filters)	A	✓
BAYFLR2020A	Washable high velocity filter, 20" x 20" x 1" (10 filters)	B	✓
BAYFLR2220A	Washable high velocity filter, 22" x 20" x 1" (10 filters)	C	✓
TASB175SB <sup>②④</sup>	Plenum Stand with Integrated Sound Baffle A	A	✓
TASB215SB <sup>②④</sup>	Plenum Stand with Integrated Sound Baffle B	B	✓
TASB235SB <sup>②④</sup>	Plenum Stand with Integrated Sound Baffle C	C	✓
MTISRKIT1620 <sup>②</sup>	Side Return Kit with 16"x20" Filter	A-C	✓
TASSBK175 <sup>②③⑤</sup>	Sound Baffle Kit 17.5" Cabinet	A	✓
TASSBK215 <sup>②③⑤</sup>	Sound Baffle Kit 21.5" Cabinet	B	✓
TASSBK235 <sup>②③⑤</sup>	Sound Baffle Kit 23.5" Cabinet	C	✓
BAYSPEKT200	Single Power Entry Kit		✓
BAYSRKIT100	Side Return Kit	A-C	✓
BAYFRKIT175	Front Return Kit	A	✓
BAYFRKIT210	Front Return Kit	B	✓
BAYFRKIT235	Front Return Kit	C	✓
BAYHHKIT001	Horizontal Hanger Kit		✓
BAYUVCLK001	UV Lights		✓
BAYLVKIT100A	Low Voltage Conduit Entry Kit		✓
BAYAHEMIKIT001	Air handler Electronic Noise Kit used on Variable Speed Blower Motor		✓
BAYBAFKT175A	Baffle Kit 17.5" Cabinet	A	✓
BAYBAFKT215A	Baffle Kit 21.5" Cabinet	B	✓
BAYBAFKT235A	Baffle Kit 23.5" Cabinet	C	✓
BAYINSKT175A <sup>⑥</sup>	Sound Insulation Kit 17.5" Cabinet	A	✓
BAYINSKT215A <sup>⑥</sup>	Sound Insulation Kit 21.5" Cabinet	B	✓
BAYINSKT235A <sup>⑥</sup>	Sound Insulation Kit 23.5" Cabinet	C	✓
BAYCNDPIP01A	¾" PVC Threaded Pipe Kit with foam seal (10 kits)		✓
Model Number	Description		GAM5B
BAYATXV1836A	R-22 TXV conversion kit		1½-2
BAYATXV4248A	R-22 TXV conversion kit		2½-3½
BAYATXV6060A	R-22 TXV conversion kit		4-5

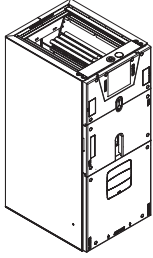
① A Cabinet is 17.5" wide, B Cabinet is 21.5" wide, C Cabinet is 23.5" wide.  
 ② Contact your distributor for information.  
 ③ In return plenum applications, use TASSBK kits for sound reduction.  
 ④ In open air applications, Plenum Stand with Sound Baffle provides sound reduction.  
 ⑤ Mounts to TASB original plenum stands without integrated sound baffle.  
 ⑥ Mounts inside air filter channel on air handler.

# Series 2 Split System Air Handlers Single Phase 1½-3 Tons



**Table AH-10-A — Multi-Speed PSC Motor 200-230/1/60, Epoxy Coated Coil**

Unit Model No.	Cooling Capacity (Btuh)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening	Return Opening	Filter Sizes	Line Size	
							Gas	Liquid
GAF2A0A18S11EE	18000	39.5 x 17.5 x 21.8	117	14.5 x 16.75	14.5 x 17.8	N/A	¾	⅜
GAF2A0A24S21EE	24000	39.5 x 17.5 x 21.8	120	14.5 x 16.75	14.5 x 17.8	N/A	¾	⅜
GAF2A0A30S21EE	30000	39.5 x 17.5 x 21.8	121	14.5 x 16.75	14.5 x 17.8	N/A	¾	⅜
GAF2A0A36S31EE	36000	39.5 x 17.5 x 21.8	122	14.5 x 16.75	14.5 x 17.8	N/A	¾	⅜



**Table AH-10-B — Multi-Speed High Efficiency ECM Motor 200-230/1/60, Epoxy Coated Coil**

Unit Model No.	Cooling Capacity (Btuh)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening	Return Opening	Filter Sizes	Line Size	
							Gas	Liquid
GAF2A0A36M31EC	36000	39.5 x 17.5 x 21.8	118	14.5 x 14.35	14.5 x 17.15	N/A	¾	⅜

① High efficiency ECM Motor

**Table AH-10-C — Features**

	GAF2 1 1/2-3
• Unique cabinet design.....	✓
– 2% or less air leakage.....	✓
– Precision applied - durable door seals.....	✓
– Specially designed air seal around refrigerant, condensate and conduit connections.....	✓
– Double wall foamed cabinet system.....	✓
– ≥ R-4.2 insulating value (Avg. Insulating Value R-8.2).....	✓
– No loose fiber design.....	✓
– Smooth cleanable interior design.....	✓
– Sweat eliminating design.....	✓
– Composite cabinet doors.....	✓
– Water proof cabinet design.....	✓
– Integrated horizontal drain pans.....	✓
• 3 way conversion up flow/horizontal left/right.....	✓
• Front return option.....	✓
• Low voltage pigtail connections.....	✓
• <b>Vortica</b> ® blower with polarized plug connections and integrated slide deck for easy removal.....	✓
• Aluminum coil with integrated slide deck for easy removal and polarized plug connections on coil EEV (GAF2A0A36M31).....	3
• Patented enhanced coil fin.....	✓
• Epoxy coated coil.....	✓
• R-410A TXV.....	✓
• Labeled panels and connections.....	✓
• PSC 3 speed motor.....	✓
• Direct drive, multi speed ECM blower motor - Constant torque ECM (electronically commutated motor) (GAF2A0A36M31).....	3
• Maximum width of 23.5".....	✓
• Compact 20.8" depth with doors removed.....	✓
• Fused 24v power.....	✓
• <b>5-year base limited warranty</b> .....	✓
• <b>10-year registered limited warranty</b> .....	✓
• <b>Optional extended warranty available</b> .....	✓



# Series 2 Split System Air Handlers Single Phase 1½-3 Tons

**Table AH-11-A — Optional Accessories**

Model		GAF2 ①
Number	Description	
BAYATXV1836	R-22 TXV conversion kit 1-1/2 to 3 ton	✓
BAYBRFBX100	Bottom Return Filter Box	✓
BAYFRKIT100	Front Return Kit	✓
BAYICKIT01	Internal Condensate Switch Kit (GAF2A0A36M311SA)	3
BAYLVKIT100	Low Voltage Conduit Entry Kit	✓
BAYRETFLGAA	Return Duct Flange A, A1	✓
BAYSFSCABAA	Supply Duct Flange A1	✓
BAYAHEMIKIT001	Air handler Electronic Noise Kit used on Variable Speed Blower Motor	✓
BAYSRKIT100	Side Return Kit	✓
BAYWMKIT001	Wall Mount Kit	✓
TASB175SB②④	Plenum Stand with Integrated Sound Baffle A	✓
MTISRKIT1620②	Side Return Kit with 16"x20" Filter	✓
TASSBK175②③	Sound Baffle Kit 17.5" Cabinet (mounts to TASB plenum stands)	✓
BAYECPDKIT1	Pull disconnect kit	✓
BAYBAFKT175A	Baffle Kit 17.5" Cabinet (mounts in air handler filter channel)	✓
BAYINSKT175A	Sound Insulation Kit 17.5" Cabinet	✓
BAYCNDPIP01A	¾" PVC Threaded Pipe Kit with foam seal (10 kits)	✓

- ① The A1 one-piece 17.5" wide cabinet is used on the GAF2 air handlers only.
- ② Contact your distributor for information.
- ③ In return plenum applications, use TASSBK kits for sound reduction.
- ④ In open air applications, Plenum Stand with Sound Baffle provides sound reduction.

Read Only

# Heaters for Multi-Position Air Handlers

**Table AH-12-A — BAYEA — Heater, Standard, for Series, 9, Series 4, and Series 5 Air Handlers**

Heater Model Number	Capacity @ 240 Volts		Capacity @ 208 Volts		Rated Voltage	Control Stages	Number of Heater Racks	Number of Circuits	Heater Amps per Circuit		Contains Circuit Breakers
	kW	BTUH	kW	BTUH					208 Volts	240Volt	
BAYEAAC04BK1BA	3.84	13100	2.88	9800	208/240/1/60	1	1	1	13.8	16	Yes
BAYEAAC04LG1BA	3.84	13100	2.88	9800	208/240/1/60	1	1	1	13.8	16	No
BAYEAAC05BK1BA	4.80	16400	3.60	12300	208/240/1/60	1	1	1	17.3	20	Yes
BAYEAAC05LG1BA	4.80	16400	3.60	12300	208/240/1/60	1	1	1	17.3	20	No
BAYEAAC08BK1BA	7.68	26200	5.76	19700	208/240/1/60	2	2	1	27.7	32	Yes
BAYEAAC08LG1BA	7.68	26200	5.76	19700	208/240/1/60	2	2	1	27.7	32	No
BAYEAAC10BK1BA	9.60	32800	7.20	24600	208/240/1/60	2	2	1	34.6	40	Yes
BAYEAAC10LG1BA	9.60	32800	7.20	24600	208/240/1/60	2	2	1	34.6	40	No
BAYEABC15BK1BA	14.40	49200	10.80	36900	208/240/1/60	3	3	2	34.6/17.3	40/20	Yes
BAYEABC20BK1BA	19.20	65600	14.40	49200	208/240/1/60	3	4	2	34.6/34.6	40/40	Yes
BAYEACC25BK1BA	24.00	82000	18.00	61500	208/240/1/60	3	5	3	34.6/34.6/17.3	40/40/20	Yes

**Table AH-12-B — BAYEV — Heater, Standard, for Series 7 Air Handlers**

Heater Model Number	Capacity @ 240 Volts		Capacity @ 208 Volts		Rated Voltage	Control Stages	Number of Heater Racks	Number of Circuits	Heater Amps per Circuit		Contains Circuit Breakers
	kW	BTUH	kW	BTUH					208 Volts	240Volt	
BAYEVAC04BK1BA	3.84	13100	2.88	9800	208/240/1/60	1	1	1	13.8	16	Yes
BAYEVAC04LG1BA	3.84	13100	2.88	9800	208/240/1/60	1	1	1	13.8	16	No
BAYEVAC05BK1BA	4.80	16400	3.60	12300	208/240/1/60	1	1	1	17.3	20	Yes
BAYEVAC05LG1BA	4.80	16400	3.60	12300	208/240/1/60	1	1	1	17.3	20	No
BAYEVAC08BK1BA	7.68	26200	5.76	19700	208/240/1/60	2	2	1	27.7	32	Yes
BAYEVAC08LG1BA	7.68	26200	5.76	19700	208/240/1/60	2	2	1	27.7	32	No
BAYEVAC10BK1BA	9.60	32800	7.20	24600	208/240/1/60	2	2	1	34.6	40	Yes
BAYEVAC10LG1BA	9.60	32800	7.20	24600	208/240/1/60	2	2	1	34.6	40	No
BAYEVBC15BK1BA	14.40	49200	10.80	36900	208/240/1/60	3	3	2	34.6/17.3	40/20	Yes
BAYEVBC20BK1BA	19.20	65600	14.40	49200	208/240/1/60	3	4	2	34.6/34.6	40/40	Yes
BAYEVCC25BK1BA	24.00	82000	18.00	61500	208/240/1/60	3	5	3	34.6/34.6/17.3	40/40/20	Yes

BK = Contains circuit breakers  
LG = Contains lug connections

**Table AH-12-C — BAYEC — Heater, Compact, with Lugs, for GAF2 Air Handlers**

Heater Model Number	Capacity @ 240 Volts		Capacity @ 208 Volts		Rated Voltage	Control Stages	Number of Heater Racks	Number of Circuits	Heater Amps per Circuit		Contains Circuit Breakers
	kW	BTUH	kW	BTUH					208 Volts	240Volt	
BAYECAA05LG1BA	4.80	16400	3.60	12300	208/240/1/60	1	1	1	17.3	20	No
BAYECAA08LG1BA	7.68	26200	5.76	19700	208/240/1/60	2	2	1	27.7	32	No
BAYECAA10LG1BA	9.60	32800	7.20	24600	208/240/1/60	2	2	1	34.6	40	No

BAYECPDKIT1 - Optional pull disconnect used with BAYEC heaters only

**Table AH-12-D — BAYEA — Heater, 3-Phase, for Series 9, Series 4, and Series 5 Air Handlers** ①

Heater Model Number	Capacity @ 240 Volts		Capacity @ 208 Volts		Rated Voltage	Control Stages	Number of Heater Racks	Number of Circuits	Heater Amps per Circuit		Contains Circuit Breakers
	kW	BTUH	kW	BTUH					208 Volts	240Volt	
BAYEAAC10LG3BA	9.60	32800	7.20	24600	208/240/3/60	1	3	1	20.0	23.1	No
BAYEABC15LG3BA	14.40	49200	10.80	36900	208/240/3/60	1	3	1	30.0	34.6	No

① 3-Phase - W1, W2, W3 must be jumpered at low voltage connector

**Table AH-12-E — BAYEV — Heater, 3-Phase, for Series 7 Air Handlers**

Heater Model Number	Capacity @ 240 Volts		Capacity @ 208 Volts		Rated Voltage	Control Stages	Number of Heater Racks	Number of Circuits	Heater Amps per Circuit		Contains Circuit Breakers
	kW	BTUH	kW	BTUH					208 Volts	240Volt	
BAYEVAC10LG3BA	9.60	32800	7.20	24600	208/240/3/60	1	3	1	20.0	23.1	No
BAYEVBC15LG3BA	14.40	49200	10.80	36900	208/240/3/60	1	3	1	30.0	34.6	No

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

# Heaters for Multi-Position Air Handlers

**Table AH-13-A — Air Handler/Heater Matrix**

AIR HANDLER	HEATER MODEL NUMBER BAYEA-											
	MODEL NUMBER	AC04BK1BA 3.84 Kw BK	AC04LG1BA 3.84 Kw LG	AC05BK1BA 4.80 Kw BK	AC05LG1BA 4.80 Kw LG	AC08BK1BA 7.68 Kw BK	AC08LG1BA 7.68 Kw LG	AC10BK1BA 9.60 Kw BK	AC10LG1BA 9.60 Kw LG	BC15BK1BA 14.40 Kw BK	BC20BK1BA 19.20 Kw BK	CC25BK1BA 24.00 Kw BK
TAM9A0A24V21	Y	Y	Y	Y	Y	Y	Y	Y	Y	—	—	—
TAM9A0B30V31	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	—	—
TAM9A0C36V31	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	—
TAM9A0C42V41	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	—
TAM9A0C48V41	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
TAM9A0C60V51	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
GAM5B0A18M11	Y	Y	Y	Y	Y	Y	Y	Y	Y	—	—	—
GAM5B0A24M21	Y	Y	Y	Y	Y	Y	Y	Y	Y	—	—	—
GAM5B0B30M21	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	—	—
GAM5B0B36M31	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	—	—
GAM5B0C42M31	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	—	—
GAM5B0C48M41	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
GAM5B0C60M51	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
TAM4A0A18S11	Y	Y	Y	Y	Y	Y	Y	Y	Y	—	—	—
TAM4A0A24S21	Y	Y	Y	Y	Y	Y	Y	Y	Y	—	—	—
TAM4A0A30S21	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	—	—
TAM4A0A36S31	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	—	—
TAM4A0B42S31	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	—
TAM4A0C48S41	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
TAM4A0C60S51	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
HEATER MODEL NUMBER BAYEV-												
TAM7A0A24H21	Y	Y	Y	Y	Y	Y	Y	Y	Y	—	—	—
TAM7A0B30H21	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	—	—
TAM7A0C36H31	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	—
TAM7A0C42H31	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	—
TAM7A0C48H41	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
TAM7B0C60H51	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

BK = Contains circuit breakers  
LG = Contains lug connections

**Table AH-13-B — Air Handler/Heater Matrix (continued)**

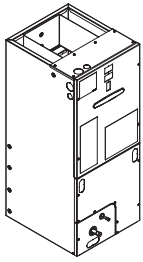
AIR HANDLER	3 PHASE HEATER MODEL NUMBER BAYEA-	
	MODEL NUMBER	MODEL NUMBER
MODEL NUMBER	AC10LG3BA 9.60 Kw LG	BC15LG3BA 9.60 Kw LG
TAM9A0A24V21	Y	—
TAM9A0B30V31	Y	Y
TAM9A0C36V31	Y	Y
TAM9A0C42V41	Y	Y
TAM9A0C48V41	Y	Y
TAM9A0C60V51	Y	Y
GAM5B0A18M11	Y	—
GAM5B0A24M21	Y	—
GAM5B0B30M21	Y	Y
GAM5B0B36M31	Y	Y
GAM5B0C42M31	Y	Y
GAM5B0C48M41	Y	Y
GAM5B0C60M51	Y	Y
TAM4A0A18S11	Y	—
TAM4A0A24S21	Y	—
TAM4A0A30S21	Y	Y
TAM4A0A36S31	Y	Y
TAM4A0B42S31	Y	Y
TAM4A0C48S41	Y	Y
TAM4A0C60S51	Y	Y

AIR HANDLER	HEATER MODEL NUMBER BAYEC-		
	MODEL NUMBER	MODEL NUMBER	MODEL NUMBER
MODEL NUMBER	AA05LG1BA 4.80 Kw BK	AA08LG1BA 7.68 Kw LG	AA10LG1BA 9.60 Kw LG
GAF2A0A18S11	Y	Y	Y
GAF2A0A24S21	Y	Y	Y
GAF2A0A30S21	Y	Y	Y
GAF2A0A36M31	Y	Y	Y
GAF2A0A36S31	Y	Y	Y
GAF2A0A36S3A	Y	Y	Y

AIR HANDLER	3 PHASE HEATER MODEL NUMBER BAYEV-	
	MODEL NUMBER	MODEL NUMBER
MODEL NUMBER	AC10LG3BA 9.60 Kw LG	BC15LG3BA 14.4 Kw LG
TAM7A0A24H21	Y	—
TAM7A0B30H21	Y	Y
TAM7A0C36H31	Y	Y
TAM7A0C42H31	Y	Y
TAM7A0C48H41	Y	Y
TAM7B0C60H51	Y	Y

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

# TEM Split System Air Handlers Single Phase 1½-5 Tons

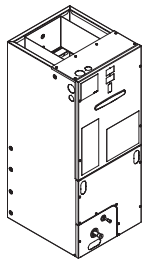


**Table AH-14-A — R-410A AccuLink™ II or 24V Variable Speed Air Handler 208-230/1/60**

Unit Model No.	Cooling Capacity (Btuh)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening	Return Opening	Filter Sizes	Line Size Gas Liquid
TEM8A0B24V21DA	24000	46.75 x 18.5 x 21.13	126	16.5 x 12.15	16.75 x 18.75	①	¾ ⅜
TEM8A0B30V31DA	30000	46.75 x 18.5 x 21.13	126	16.5 x 12.15	16.75 x 18.75	①	¾ ⅜
TEM8A0C36V31DA	36000	51.27 x 23.5 x 21.13	155	21.5 x 12.15	21.75 x 18.75	①	7/8 ⅜
TEM8A0C42V41DA	42000	51.27 x 23.5 x 21.13	155	21.5 x 12.15	21.75 x 18.75	①	7/8 ⅜
TEM8A0C48V41DA	48000	55.75 x 23.5 x 21.13	185	21.5 x 12.15	21.75 x 18.75	①	7/8 ⅜
TEM8A0D48V41DA	48000	53.87 x 26.5 x 21.13	181	24.5 x 12.15	24.75 x 18.75	①	7/8 ⅜
TEM8A0C60V51DA	60000	55.75 x 23.5 x 21.13	185	21.5 x 12.15	21.75 x 18.75	①	7/8 ⅜
TEM8A0D60V51DA	60000	53.87 x 26.5 x 21.13	181	24.5 x 12.15	24.75 x 18.75	①	7/8 ⅜
TEM8A0B24V21DB	24000	46.75 x 18.5 x 21.13	126	16.5 x 12.15	16.75 x 18.75	①	¾ ⅜
TEM8A0B30V31DB	30000	46.75 x 18.5 x 21.13	126	16.5 x 12.15	16.75 x 18.75	①	¾ ⅜
TEM8A0C36V31DB	36000	51.27 x 23.5 x 21.13	155	21.5 x 12.15	21.75 x 18.75	①	7/8 ⅜
TEM8A0C42V41DB	42000	51.27 x 23.5 x 21.13	155	21.5 x 12.15	21.75 x 18.75	①	7/8 ⅜
TEM8A0C48V41DB	48000	55.75 x 23.5 x 21.13	185	21.5 x 12.15	21.75 x 18.75	①	7/8 ⅜
TEM8A0D48V41DB	48000	53.87 x 26.5 x 21.13	181	24.5 x 12.15	24.75 x 18.75	①	7/8 ⅜
TEM8A0C60V51DB	60000	55.75 x 23.5 x 21.13	185	21.5 x 12.15	21.75 x 18.75	①	7/8 ⅜
TEM8A0D60V51DB	60000	53.87 x 26.5 x 21.13	181	24.5 x 12.15	24.75 x 18.75	①	7/8 ⅜

① Filter not supplied. Remote filter required.

**Table AH-14-B — R-410A Convertible Variable Speed Air Handler 208-230/1/60**

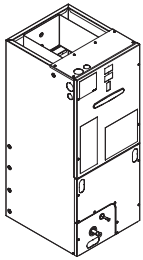


Unit Model No.	Cooling Capacity (Btuh)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening	Return Opening	Filter Sizes	Line Size Gas Liquid
TEM6A0B24H21SA	24000	46.75 x 18.5 x 21.13	126	16.5 x 12.15	16.75 x 18.75	①	¾ ⅜
TEM6A0B30H21SA	30000	46.75 x 18.5 x 21.13	126	16.5 x 12.15	16.75 x 18.75	①	¾ ⅜
TEM6A0C36H31SA	36000	51.27 x 23.5 x 21.13	155	21.5 x 12.15	21.75 x 18.75	①	7/8 ⅜
TEM6A0C42H41SA	42000	51.27 x 23.5 x 21.13	155	21.5 x 12.15	21.75 x 18.75	①	7/8 ⅜
TEM6A0C48H41SA	48000	55.75 x 23.5 x 21.13	185	21.5 x 12.15	21.75 x 18.75	①	7/8 ⅜
TEM6A0D48H41SA	48000	53.87 x 26.5 x 21.13	181	24.5 x 12.15	24.75 x 18.75	①	7/8 ⅜
TEM6A0C60H51SA	60000	55.75 x 23.5 x 21.13	185	21.5 x 12.15	21.75 x 18.75	①	7/8 ⅜
TEM6A0D60H51SA	60000	53.87 x 26.5 x 21.13	181	24.5 x 12.15	24.75 x 18.75	①	7/8 ⅜
TEM6A0B24H21SB	24000	46.75 x 18.5 x 21.13	126	16.5 x 12.15	16.75 x 18.75	①	¾ ⅜
TEM6A0B30H21SB	30000	46.75 x 18.5 x 21.13	126	16.5 x 12.15	16.75 x 18.75	①	¾ ⅜
TEM6A0C36H31SB	36000	51.27 x 23.5 x 21.13	155	21.5 x 12.15	21.75 x 18.75	①	7/8 ⅜
TEM6A0C42H41SB	42000	51.27 x 23.5 x 21.13	155	21.5 x 12.15	21.75 x 18.75	①	7/8 ⅜
TEM6A0C48H41SB	48000	55.75 x 23.5 x 21.13	185	21.5 x 12.15	21.75 x 18.75	①	7/8 ⅜
TEM6A0D48H41SB	48000	53.87 x 26.5 x 21.13	181	24.5 x 12.15	24.75 x 18.75	①	7/8 ⅜
TEM6A0C60H51SB	60000	55.75 x 23.5 x 21.13	185	21.5 x 12.15	21.75 x 18.75	①	7/8 ⅜
TEM6A0D60H51SB	60000	53.87 x 26.5 x 21.13	181	24.5 x 12.15	24.75 x 18.75	①	7/8 ⅜

① Filter not supplied. Remote filter required.

# TEM Split System Air Handlers Single Phase 1½-5 Tons

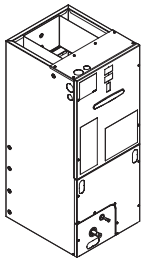
**Table AH-15-A — R-410A Convertible Air Handler 208-230/1/60**



Unit Model No.	Cooling Capacity (Btuh)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening	Return Opening	Filter Sizes	Line Size Gas Liquid
TEM4A0B18S21SA	18000	45.02 x 18.5 x 21.13	116	16.5 x 12.15	16.75 x 18.75	①	¾ ⅜
TEM4A0B24S21SA	24000	45.02 x 18.5 x 21.13	116	16.5 x 12.15	16.75 x 18.75	①	¾ ⅜
TEM4A0B30S31SA	30000	45.02 x 18.5 x 21.13	116	16.5 x 12.15	16.75 x 18.75	①	¾ ⅜
TEM4A0C36S41SA	36000	51.27 x 23.5 x 21.13	145	21.5 x 12.15	21.75 x 18.75	①	7/8 ⅜
TEM4A0C42S41SA	42000	51.27 x 23.5 x 21.13	145	21.5 x 12.15	21.75 x 18.75	①	7/8 ⅜
TEM4A0C48S41SA	48000	51.27 x 23.5 x 21.13	145	21.5 x 12.15	21.75 x 18.75	①	7/8 ⅜
TEM4A0C60S51SA	60000	51.27 x 23.5 x 21.13	145	21.5 x 12.15	21.75 x 18.75	①	7/8 ⅜
TEM4A0B18S21SB	18000	45.02 x 18.5 x 21.13	116	16.5 x 12.15	16.75 x 18.75	①	¾ ⅜
TEM4A0B24S21SB	24000	45.02 x 18.5 x 21.13	116	16.5 x 12.15	16.75 x 18.75	①	¾ ⅜
TEM4A0B30S31SB	30000	45.02 x 18.5 x 21.13	116	16.5 x 12.15	16.75 x 18.75	①	¾ ⅜
TEM4A0B36S31SB	36000	45.02 x 18.5 x 21.13	116	16.5 x 12.15	16.75 x 18.75	①	¾ ⅜
TEM4A0C36S41SB	36000	51.27 x 23.5 x 21.13	145	21.5 x 12.15	21.75 x 18.75	①	7/8 ⅜
TEM4A0C42S41SB	42000	51.27 x 23.5 x 21.13	145	21.5 x 12.15	21.75 x 18.75	①	7/8 ⅜
TEM4A0C48S41SB	48000	51.27 x 23.5 x 21.13	145	21.5 x 12.15	21.75 x 18.75	①	7/8 ⅜
TEM4A0C60S51SB	60000	51.27 x 23.5 x 21.13	145	21.5 x 12.15	21.75 x 18.75	①	7/8 ⅜

① Filter not supplied. Remote filter required.

**Table AH-15-B — R-410A Convertible Air Handler 208-230/1/60**



Unit Model No.	Cooling Capacity (Btuh)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening	Return Opening	Filter Sizes	Line Size Gas Liquid
TEM3A0B18S21SA	18000	45.02 x 18.5 x 21.13	116	16.5 x 12.15	16.75 x 18.75	①	¾ ⅜
TEM3A0B24S21SA	24000	45.02 x 18.5 x 21.13	116	16.5 x 12.15	16.75 x 18.75	①	¾ ⅜
TEM3A0B30S31SA	30000	45.02 x 18.5 x 21.13	116	16.5 x 12.15	16.75 x 18.75	①	¾ ⅜
TEM3A0B36S31SA	36000	45.02 x 18.5 x 21.13	116	16.5 x 12.15	16.75 x 18.75	①	¾ ⅜
TEM3A0C42S41SA	42000	51.27 x 23.5 x 21.13	145	21.5 x 12.15	21.75 x 18.75	①	7/8 ⅜
TEM3A0C48S41SA	48000	51.27 x 23.5 x 21.13	145	21.5 x 12.15	21.75 x 18.75	①	7/8 ⅜
TEM3A0C60S51SA	60000	51.27 x 23.5 x 21.13	145	21.5 x 12.15	21.75 x 18.75	①	7/8 ⅜

① Filter not supplied. Remote filter required.

# TEM Split System Air Handlers Single Phase 1½-5 Tons

**Table AH-16-A — Features**

	TEM8 2-5	TEM6 2-5	TEM4 1 1/2-5	TEM3 1 1/2-5
• Painted metal cabinet with captured foil face insulation .....	✓	✓	✓	✓
• 2% or less air leakage .....	✓	✓	✓	✓
• AccuLink™ II or 24V operation .....	✓	—	—	—
• Direct drive, variable speed ECM blower motor - Constant airflow ECM (electronically commutated) .....	✓	✓	—	—
• Direct drive, multi speed ECM blower motor - Constant torque ECM (electronically commutated motor) .....	—	—	3½-5 1½-3	5 1½-4
• PSC Motor .....	—	—	—	—
• R-4.2 Insulating Value .....	✓	✓	✓	✓
• Multi-Position UP/Down Flow*, Horizontal Left /Right .....	✓	✓	✓	✓
• ALL Aluminum Coil with Enhanced Patented Coil Fin .....	✓	✓	✓	✓
• Electric Heaters with polarized plug connections (sold as accessory) .....	✓	✓	✓	✓
• R-410A Thermal Expansion Valve .....	✓	✓	✓	✓
• Low Voltage Pigtail Connections .....	✓	✓	✓	✓
• Draw Through Design .....	✓	✓	✓	✓
• Horizontal Drain pan .....	✓	✓	✓	✓
• Single Color .....	✓	✓	✓	✓
• Fused 24V Power .....	✓	✓	✓	✓
• Wipeable interior design .....	✓	✓	✓	✓
• Soft start fan motor operation .....	✓	✓	—	—
• Comfort R Mode .....	✓	✓	—	—
• Built in fan delay modes .....	✓	✓	—	—
• Maximum Width 26.5" .....	✓	✓	—	—
• Maximum Width 23.5" .....	✓	✓	—	—
• Compact 22" depth .....	✓	✓	✓	✓
• Draw through design .....	✓	✓	✓	✓
• <b>3-year base limited warranty</b> .....	✓	✓	✓	✓
• <b>10-year registered limited warranty</b> .....	✓	✓	✓	✓
• <b>Optional extended warranty available</b> .....	✓	✓	✓	✓

**Table AH-16-B — Optional Accessories**

Model Number	Description	Matches Cabinet Size(s)	TEM8	TEM6	TEM4	TEM3
BAYTEMSPFG1 .....	Supply Duct Flange Kit .....		✓	✓	✓	✓
BAYSPEKT201A .....	Single Point Power Entry Kit .....		✓	✓	✓	✓
TAYBASE185 .....	Air Handler Downflow Sub-Bases .....	18.5"	✓	✓	✓	✓
TAYBASE235 (TAYBASE100) .....	Air Handler Downflow Sub-Bases .....	23.5"	✓	✓	✓	✓
TAYBASE260 (TAYBASE102) .....	Air Handler Downflow Sub-Bases .....	26.5"	✓	✓	—	—
BAYTEMDFKT1A .....	Downflow Condensate Management Kit .....	23.5" ①	—	—	✓	✓
BAYAHEMIKIT001 .....	Air handler Electronic Noise Kit used on Variable Speed Blower Motor ...		✓	✓	✓	✓
TEMBRKSEALKT01A .....	TEM Breaker Seal Kit .....		✓	✓	✓	✓
BAYSF1185AAA .....	Slim Fit Filter Box Kit .....	18.5"	✓	✓	✓	✓
BAYSF1235AAA .....	Slim Fit Filter Box Kit .....	23.5"	✓	✓	✓	✓
BAYSF1265AAA .....	Slim Fit Filter Box Kit .....	26.5"	✓	✓	—	—
FLRSF1185 .....	1" Slim Fit Replacement Filter, 17.75"x19.75", Qty 12 .....	18.5"	✓	✓	✓	✓
FLRSF1235 .....	1" Slim Fit Replacement Filter, 22.75"x19.75", Qty 12 .....	23.5"	✓	✓	✓	✓
FLRSF1265 .....	1" Slim Fit Replacement Filter, 25.75"x19.75", Qty 12 .....	26.5"	✓	✓	—	—
BAY6TXV2442A .....	R-22 TXV conversion kit .....		2-3½	2-3½	—	—
BAY6TXV4860A .....	R-22 TXV conversion kit .....		4-5 ②	4-5 ②	—	—
BAYATXV1836B .....	R-22 TXV conversion kit .....		—	—	1½-2½	1½-3
BAYATXV4248B .....	R-22 TXV conversion kit .....		—	—	3-4	3½-4
BAYATXV6161B .....	R-22 TXV conversion kit .....		4-5 ③	4-5 ③	5	5

① Downflow condensate management kit is required for 5 Ton downflow models.

② TEM6A0D48, TEM6A0D60, TEM8A0D48, TEM8A0D60

③ TEM6A0C48, TEM6A0C60, TEM8A0C48, TEM8A0C60



# Heaters for TEM Split System Air Handlers

**Table AH-17-A — BAYHTR15 — Heater, Standard, for TEM Air Handlers**

Heater Model Number	Capacity @ 240 Volts		Capacity @ 208 Volts		Rated Voltage	Control Stages	Number of Heater Racks	Number of Circuits	Heater Amps per Circuit		Contains Circuit Breakers
	kW	BTUH	kW	BTUH					208 Volts	240Volt	
BAYHTR1504BRKC	3.84	13100	2.88	9800	208/240/1/60	1	1	1	13.8	16	Yes
BAYHTR1504PDCA	3.84	13100	2.88	9800	208/240/1/60	1	1	1	13.8	16	No
BAYHTR1504LUGB	3.84	13100	2.88	9800	208/240/1/60	1	1	1	13.8	16	No
BAYHTR1505BRKC	4.80	16400	3.60	12300	208/240/1/60	1	1	1	17.3	20	Yes
BAYHTR1505PDCA	4.80	16400	3.60	12300	208/240/1/60	1	1	1	17.3	20	No
BAYHTR1505LUGB	4.80	16400	3.60	12300	208/240/1/60	1	1	1	17.3	20	No
BAYHTR1508BRKC	7.68	26200	5.76	19700	208/240/1/60	1	1	1	27.7	32	Yes
BAYHTR1508PDCA	7.68	26200	5.76	19700	208/240/1/60	1	1	1	27.7	32	No
BAYHTR1508LUGB	7.68	26200	5.76	19700	208/240/1/60	1	1	1	27.7	32	No
BAYHTR1510BRKC	9.60	32800	7.20	24600	208/240/1/60	1	2	1	34.6	40	Yes
BAYHTR1510PDCA	9.60	32800	7.20	24600	208/240/1/60	1	2	1	34.6	40	No
BAYHTR1510LUGB	9.60	32800	7.20	24600	208/240/1/60	1	2	1	34.6	40	No
BAYHTR1515BRKB	14.4	49200	10.8	36900	208/240/1/60	2	3	2	51.9	60	Yes
BAYHTR1516BRKA	14.4	49200	10.8	36900	208/240/1/60	2	3	2	51.9	60	Yes
BAYHTR1517BRKA	14.4	49200	10.8	36900	208/240/1/60	2	3	2	51.9	60	Yes
BAYHTR1519BRKB	19.2	65500	14.4	49200	208/240/1/60	2	4	2	69.2	80	Yes
BAYHTR1520BRKB	19.2	65500	14.4	49200	208/240/1/60	2	4	2	69.2	80	Yes
BAYHTR1521BRKB	19.2	65500	14.4	49200	208/240/1/60	2	4	2	69.2	80	Yes
BAYHTR1522BRKA	19.2	65500	14.4	49200	208/240/1/60	2	4	2	69.2	80	Yes
BAYHTR1523BRKA	19.2	65500	14.4	49200	208/240/1/60	2	4	2	69.2	80	Yes
BAYHTR1525BRKA	24.0	81900	18.0	61600	208/240/1/60	2	4	2	86.4	100	Yes

**Table AH-17-B — BAYHTR35 — Heater, 3-Phase, for TEM Air Handlers ①**

Heater Model Number	Capacity @ 240 Volts		Capacity @ 208 Volts		Rated Voltage	Control Stages	Number of Heater Racks	Number of Circuits	Heater Amps per Circuit		Contains Circuit Breakers
	kW	BTUH	kW	BTUH					208 Volts	240Volt	
BAYHTR3510LUGC	9.60	32800	7.20	24600	208/240/1/60	1	3	1	20.0	23.1	No
BAYHTR3515LUGC	14.4	49200	10.8	36900	208/240/1/60	1	3	1	30.0	34.6	No
BAYHTR3517LUGA	14.4	49200	10.8	36900	208/240/1/60	1	3	1	30.0	34.6	No

BRK = Contains circuit breakers

PDC = Pull disconnects

LUG = Lug connections

① 3-Phase - W1 and W2 must be jumpered at low voltage connector

# Heater Matches for TEM Split System Air Handlers

**Table AH-18-A — TEM8 and TEM6 Air Handler and Heater matches**

TEM6/TEM8 HEATER MATRIX									
AIR HANDLER	HEATER MODEL NUMBER								
MODEL NUMBER	BAYHTR1504BRKC BAYHTR1504LUGB 3.84 Kw	BAYHTR1505BRKC BAYHTR1505LUGB 4.80 Kw	BAYHTR1508BRKC BAYHTR1508LUGB 7.68 Kw	BAYHTR1510BRKC BAYHTR1510LUGB 9.60 Kw	BAYHTR1516BRKA 14.40 Kw	BAYHTR1522BRKA 19.20 Kw	BAYHTR1525BRKA 24.00 Kw	BAYHTR3510LUGC 9.60 Kw	BAYHTR3515LUGC 14.40 Kw
TEM8A0B24V21DA TEM8A0B30V31DA TEM6A0B24H21SA TEM6A0B30H21SA	Y	Y	Y	Y	Y	-	-	Y	Y
TEM8A0C36V31DA TEM8A0C42V41DA TEM6A0C36H31SA TEM6A0C42H41SA	Y	Y	Y	Y	Y	Y	-	Y	Y
TEM8A0C48V41DA TEM8A0C60V51DA TEM6A0C48H41SA TEM6A0C60H51SA	Y	Y	Y	Y	Y	Y	Y	Y	Y
TEM8A0D48V41DA TEM8A0D60V51DA TEM6A0D48H41SA TEM6A0D60H51SA	Y	Y	Y	Y	Y	Y	Y	Y	Y

**Table AH-18-B — TEM3 and TEM4 Air Handler and Heater matches**

TEM3/TEM4 HEATER MATRIX						
AIR HANDLER	HEATER MODEL NUMBER					
MODEL NUMBER	BAYHTR1504BRKC BAYHTR1504PDCA BAYHTR1504LUGB 3.84 Kw BK BAYHTR1505BRKC BAYHTR1505PDCA BAYHTR1505LUGB 4.80 Kw BK	BAYHTR1508BRKC BAYHTR1508PDCA BAYHTR1508LUGB 7.68 Kw BK BAYHTR1510BRKC BAYHTR1510PDCA BAYHTR1510LUGB BAYHTR3510LUGC 9.60 Kw BK	BAYHTR1515BRKB BAYHTR3515LUGC 14.40 Kw BK	BAYHTR1519BRKB 19.20 Kw BK	BAYHTR1520BRKB 19.20 Kw BK	BAYHTR1521BRKB 19.20 Kw BK
TEM3A0B18S21SA TEM4A0B18S21SA TEM3A0B24S21SA TEM4A0B24S21SA	Y	Y	--	--	--	--
TEM3A0B30S31SA TEM4A0B30S31SA TEM3A0B36S31SA	Y	Y	Y	Y	--	--
TEM4A0C36S41SA TEM3A0C42S41SA TEM4A0C42S41SA	Y	Y	Y	--	Y	--
TEM3A0C48S41SA	Y	Y	Y	--	Y	--
TEM4A0C48S41SA	Y	Y	Y	--	--	Y
TEM3A0C60S51SA TEM4A0C60S51SA	Y	Y	Y	--	Y	--

Air Handlers/Heaters

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

# Heater Matches for TEM Split System Air Handlers with metal blower housing

**Table AH-19-A — TEM8 and TEM6 Air Handler and Heater matches**

TEM6/TEM8 HEATER MATRIX									
AIR HANDLER	HEATER MODEL NUMBER								
MODEL NUMBER	BAYHTR1504BRKC BAYHTR1504LUGB 3.84 Kw	BAYHTR1505BRKC BAYHTR1505LUGB 4.80 Kw	BAYHTR1508BRKC BAYHTR1508LUGB 7.68 Kw	BAYHTR1510BRKC BAYHTR1510LUGB 9.60 Kw	BAYHTR1517BRKA 14.40 Kw	BAYHTR1523BRKA 19.20 Kw	BAYHTR1525BRKA 24.00 Kw	BAYHTR3510LUGC 9.60 Kw	BAYHTR3517LUGA 14.40 Kw
TEM8A0B24V21DB TEM8A0B30V31DB TEM6A0B24H21SB TEM6A0B30H21SB	Y	Y	Y	Y	Y	-	-	Y	Y
TEM8A0C36V31DB TEM8A0C42V41DB TEM6A0C36H31SB TEM6A0C42H41SB	Y	Y	Y	Y	Y	Y	-	Y	Y
TEM8A0C48V41DB TEM8A0C60V51DB TEM6A0C48H41SB TEM6A0C60H51SB	Y	Y	Y	Y	Y	Y	Y	Y	Y
TEM8A0D48V41DB TEM8A0D60V51DB TEM6A0D48H41SB TEM6A0D60H51SB	Y	Y	Y	Y	Y	Y	Y	Y	Y

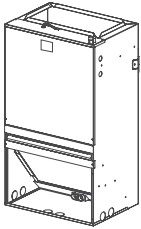
Coming soon. All models pending UL testing

**Table AH-19-B — TEM4 Air Handler and Heater matches**

TEM4 HEATER MATRIX					
AIR HANDLER	HEATER MODEL NUMBER				
MODEL NUMBER	BAYHTR1504BRKC BAYHTR1504LUGB 3.84 Kw BK BAYHTR1505BRKC BAYHTR1505LUGB 4.80 Kw BK	BAYHTR1508BRKC BAYHTR1508LUGB 7.68 Kw BK BAYHTR1510BRKC BAYHTR1510LUGB BAYHTR3510LUGC 9.60 Kw BK	BAYHTR1517BRKA BAYHTR3517LUGA 14.40 Kw BK	BAYHTR1523BRKA 19.20 Kw BK	BAYHTR1525BRKA 24.00 Kw BK
TEM4A0B18S21SB TEM4A0B24S21SB	Y	Y	--	--	--
TEM4A0B30S31SB TEM4A0B36S31SB	Y	Y	Y	Y	--
TEM4A0C37S31SB TEM4A0C42S41SB	Y	Y	Y	Y	--
TEM4A0C48S41SB	Y	Y	Y	Y	Y
TEM4A0C60S51SB	Y	Y	Y	Y	Y

Coming soon. All models pending UL testing

# TMM Wall, Stud, or Over the Water Heater Mount Air Handlers Single Phase 1-1/2 - 3 Tons



**Table AH-20-A — R-410A Wall, Stud, or Over the Water Heater Mount Air Handler 208-230/1/60, ECM Motor, Factory installed R-410A TXV**

Unit Model No.	Cooling Capacity (Btuh)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening	Filter Sizes	Line Size	
						Gas	Liquid
TMM5A0B24M21SA	24000	39.5 x 22.0 x 19.0	115	18.75 x 9.5	①	3/4	3/8
TMM5A0B30M21SA	30000	39.5 x 22.0 x 19.0	117	18.75 x 9.5	①	3/4	3/8
TMM5A0B36M31SA	36000	39.5 x 22.0 x 19.0	117	18.75 x 9.5	①	3/4	3/8

**Table AH-20-B — TMM4 R-410A Wall, Stud, or Over the Water Heater Mount Air Handler 208-230/1/60**

Unit Model No.	Cooling Capacity (Btuh)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening	Filter Sizes	Line Size	
						Gas	Liquid
TMM4A0A18S21SA	18000	36.5 x 20.5 x 15.0	99	17.25 x 9.5	①	3/4	3/8
TMM4A0A24S21SA	24000	36.5 x 20.5 x 15.0	99	17.25 x 9.5	①	3/4	3/8
TMM4A0B30S21SA	30000	39.5 x 22.0 x 19.0	121	18.75 x 9.5	①	3/4	3/8
TMM4A0B36S31SA	36000	39.5 x 22.0 x 19.0	121	18.75 x 9.5	①	3/4	3/8

① Filter not supplied. Remote filter required.

**Table AH-20-C — Features**

	TMM5 2-3	TMM4 1-1/2-3
• Painted metal cabinet with captured foil face insulation	✓	✓
• 2% or less air leakage	✓	✓
• Direct drive, multi speed ECM blower motor - Constant torque ECM (electronically commutated motor) with fan-off time delay programming	✓	—
• PSC Motor	—	✓
• Limited HP matched system ratings	—	✓
• R-4.2 Insulating Value	✓	✓
• Upflow only	✓	✓
• Front return option	✓	✓
• High Efficiency Copper / Aluminum Coil	✓	✓
• Electric Heaters with polarized plug connections (sold as accessory)	✓	✓
• R-410A Thermal Expansion Valve	✓	—
• Low Voltage Pigtail Connections	✓	✓
• Single Color	✓	✓
• Fused 24V Power	✓	✓
• Wipeable interior design	✓	✓
• Maximum Height 39.5"	✓	✓
• Maximum Width 22"	✓	✓
• Compact 22" depth	✓	✓
• Optional R-22 and R-410A TXV kits (sold as accessory)	✓	✓
• <b>3-year base limited warranty</b>	✓	✓
• <b>10-year registered limited warranty</b>	✓	✓
• <b>Optional extended warranty available</b>	✓	✓

**Table AH-20-D — Optional Accessories**

Model Number	Description	TMM5	TMM4
4AYTXVH3G2436A	R-410A TXV kit 1-1/2 to 3 ton	—	✓
2AYTXVH3G2436A	R-22 TXV conversion kit 1-1/2 to 3 ton	✓	✓
BAYFRTLLOUPNL20	Front louver panel 20.5" width	—	✓
BAYFRTLLOUPNL22	Front louver panel 22.0" width	✓	✓
BAYTMMWALLPNL1	Return air / service wall panel	✓	✓

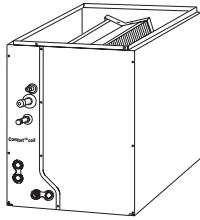
## Heaters for TMM Split System Air Handlers

**Table AH-20-E — BAYHTRM — Heater, Standard, for TMM Air Handlers**

Heater Model Number	Capacity @ 240 Volts		Capacity @ 208 Volts		Rated Voltage	Control Stages	Number of Heater Racks	Number of Circuits	Heater Amps per Circuit		Contains Circuit Breakers
	kW	BTUH	kW	BTUH					208 Volts	240 Volt	
BAYHTRM505BRK	5.0	17100	3.8	12800	208/240/1/60	1	1	1	18	20.8	Yes
BAYHTRM508BRK	7.5	25600	5.6	19200	208/240/1/60	1	1	1	27.1	31.2	Yes
BAYHTRM510BRK	10.0	34100	7.5	25600	208/240/1/60	1	2	1	36.1	41.7	Yes

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

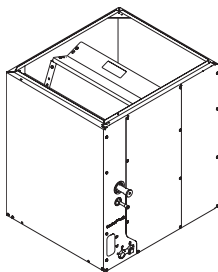
# Split System – Cased Heat Pump and Cooling Coils



**4TXC-DS  
Comfort™ Coil**

**Table COIL-1-A — Aluminum High Efficiency Staged System Cased Coil Convertible (Upflow/ Downflow/ Horizontal Left or Right) R-410A Refrigerant**

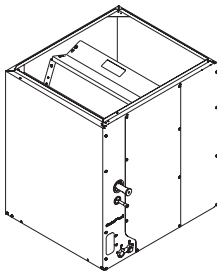
Model Number	Nom. Cap. Cooling (Btuh)	Coil Type	Refrigerant Control	Outlet Dim. (in.) W/H x D	Overall Dim. (in.) H x W x D	Shipping Weight (lbs.)	Line Size OD Gas	Line Size OD Liq.
4TXCA002DS3HCA	24,000	A	TXVNB <sup>①</sup>	12 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	17.5 x 14.5 x 21.5	42	3/4	3/8
4TXCB003DS3HCA	30,000	A	TXVNB <sup>①</sup>	15 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	17.5 x 17.5 x 21.5	50	3/4	3/8
4TXCB004DS3HCA	36,000	A	TXVNB <sup>①</sup>	15 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	22.5 x 17.5 x 21.5	58	7/8	3/8
4TXCC005DS3HCA	36,000	A	TXVNB <sup>①</sup>	19 <sup>1</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	22.5 x 21 x 21.5	60	7/8	3/8
4TXCB006DS3HCA	48,000	A	TXVNB <sup>①</sup>	15 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	26.9 x 17.5 x 21.5	65	7/8	3/8
4TXCC007DS3HCA	48,000	A	TXVNB <sup>①</sup>	19 <sup>1</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	26.9 x 21 x 21.5	69	7/8	3/8
4TXCD008DS3HCA	48,000	A	TXVNB <sup>①</sup>	22 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	26.9 x 24.5 x 21.5	72	7/8	3/8
4TXCC009DS3HCA	60,000	A	TXVNB <sup>①</sup>	19 <sup>1</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	30.7 x 21 x 21.5	78	7/8	3/8
4TXCD010DS3HCA	60,000	A	TXVNB <sup>①</sup>	22 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	30.7 x 24.5 x 21.5	81	7/8	3/8



**4PXC-U  
Comfort™ Coil**

**Table COIL-1-B — Aluminum High Efficiency Staged System Cased Coil Dedicated Upflow Coils R-410A Refrigerant, Convertible to Horizontal Left or Horizontal Right with kit**

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	Line Size OD Liq.
4PXCAU24BS3HAA	24,000	A	TXVNB <sup>①</sup>	12 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	17.5 x 14.5 x 21.5	39	3/4	3/8
4PXCBU24BS3HAA	24,000	A	TXVNB <sup>①</sup>	15 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	17.5 x 17.5 x 21.5	42	3/4	3/8
4PXCBU30BS3HAA	30,000	A	TXVNB <sup>①</sup>	15 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	17.5 x 17.5 x 21.5	47	3/4	3/8
4PXCCU30BS3HAA	30,000	A	TXVNB <sup>①</sup>	19 <sup>1</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	17.5 x 21 x 21.5	49	3/4	3/8
4PXCBU36BS3HAA	36,000	A	TXVNB <sup>①</sup>	15 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	22.5 x 17.5 x 21.5	54	7/8	3/8
4PXCCU36BS3HAA	36,000	A	TXVNB <sup>①</sup>	19 <sup>1</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	22.5 x 21 x 21.5	56	7/8	3/8
4PXCBU42BS3HAA	42,000	A	TXVNB <sup>①</sup>	15 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	26.9 x 17.5 x 21.5	61	7/8	3/8
4PXCCU42BS3HAA	42,000	A	TXVNB <sup>①</sup>	19 <sup>1</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	26.9 x 21 x 21.5	64	7/8	3/8
4PXCBU48BS3HAA	48,000	A	TXVNB <sup>①</sup>	15 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	26.9 x 17.5 x 21.5	61	7/8	3/8
4PXCCU48BS3HAA	48,000	A	TXVNB <sup>①</sup>	19 <sup>1</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	26.9 x 21 x 21.5	64	7/8	3/8
4PXCDU48BS3HAA	48,000	A	TXVNB <sup>①</sup>	22 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	26.9 x 24.5 x 21.5	68	7/8	3/8
4PXCCU60BS3HAA	60,000	A	TXVNB <sup>①</sup>	19 <sup>1</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	30.7 x 21 x 21.5	73	7/8	3/8
4PXCDU60BS3HAA	60,000	A	TXVNB <sup>①</sup>	22 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	30.7 x 24.5 x 21.5	77	7/8	3/8



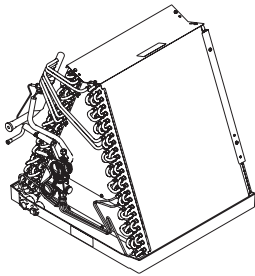
**4PXC-D  
Comfort™ Coil**

**Table COIL-1-C — Aluminum High Efficiency Staged System Cased Coil Dedicated Downflow Coils R-410A Refrigerant, Convertible to Horizontal Right with kit**

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	Line Size OD Liq.
4PXCAD24BS3HDA	24,000	A	TXVNB <sup>①</sup>	12 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	17.5 x 14.5 x 21.5	39	3/4	3/8
4PXCBD24BS3HDA	24,000	A	TXVNB <sup>①</sup>	15 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	17.5 x 17.5 x 21.5	42	3/4	3/8
4PXCBD30BS3HDA	30,000	A	TXVNB <sup>①</sup>	15 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	17.5 x 17.5 x 21.5	47	3/4	3/8
4PXCCD30BS3HDA	30,000	A	TXVNB <sup>①</sup>	19 <sup>1</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	17.5 x 21 x 21.5	49	3/4	3/8
4PXCBD36BS3HDA	36,000	A	TXVNB <sup>①</sup>	15 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	22.5 x 17.5 x 21.5	54	7/8	3/8
4PXCCD36BS3HDA	36,000	A	TXVNB <sup>①</sup>	19 <sup>1</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	22.5 x 21 x 21.5	56	7/8	3/8
4PXCBD42BS3HDA	42,000	A	TXVNB <sup>①</sup>	15 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	26.9 x 17.5 x 21.5	61	7/8	3/8
4PXCCD42BS3HDA	42,000	A	TXVNB <sup>①</sup>	19 <sup>1</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	26.9 x 21 x 21.5	64	7/8	3/8
4PXCBD48BS3HDA	48,000	A	TXVNB <sup>①</sup>	15 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	26.9 x 17.5 x 21.5	61	7/8	3/8
4PXCCD48BS3HDA	48,000	A	TXVNB <sup>①</sup>	19 <sup>1</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	26.9 x 21 x 21.5	64	7/8	3/8
4PXCDD48BS3HDA	48,000	A	TXVNB <sup>①</sup>	22 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	26.9 x 24.5 x 21.5	68	7/8	3/8
4PXCCD60BS3HDA	60,000	A	TXVNB <sup>①</sup>	19 <sup>1</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	30.7 x 21 x 21.5	73	7/8	3/8
4PXCDD60BS3HDA	60,000	A	TXVNB <sup>①</sup>	22 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	30.7 x 24.5 x 21.5	77	7/8	3/8

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

# Split System – Cased Heat Pump and Cooling Coils



**4PX-A-U  
Comfort™ Coil**

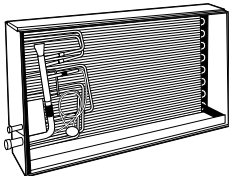
**Table COIL-2-A — Aluminum Uncased Upflow Coil R-410A Refrigerant**

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.
4PXAAU24BS3HAA	24,000	A	TXVNB①	14.7 x 13.3 x 21.1	24	3/4	3/8
4PXABU24BS3HAA	24,000	A	TXVNB①	14.5 x 16.3 x 21.1	24	3/4	3/8
4PXABU30BS3HAA	30,000	A	TXVNB①	15.8 x 16.3 x 21.1	32	3/4	3/8
4PXACU30BS3HAA	30,000	A	TXVNB①	15.8 x 19.8 x 21.1	32	3/4	3/8
4PXABU36BS3HAA	36,000	A	TXVNB①	21.2 x 16.3 x 21.1	33	7/8	3/8
4PXACU36BS3HAA	36,000	A	TXVNB①	20.8 x 19.8 x 21.1	32	7/8	3/8
4PXABU42BS3HAA	42,000	A	TXVNB①	23.8 x 16.3 x 21.1	33	7/8	3/8
4PXACU42BS3HAA	42,000	A	TXVNB①	23.7 x 19.8 x 21.1	38	7/8	3/8
4PXABU48BS3HAA	48,000	A	TXVNB①	25.3 x 16.3 x 21.1	36	7/8	3/8
4PXACU48BS3HAA	48,000	A	TXVNB①	24.9 x 19.8 x 21.1	38	7/8	3/8
4PXADU48BS3HAA	48,000	A	TXVNB①	24.5 x 23.3 x 21.1	39	7/8	3/8
4PXACU60BS3HAA	60,000	A	TXVNB①	29.2 x 19.8 x 21.1	44	7/8	3/8
4PXADU60BS3HAA	60,000	A	TXVNB①	28.5 x 23.3 x 21.1	45	7/8	3/8

**Table COIL-2-B — 13 SEER Split System - Uncased Coil Enclosures**

Model Number	Coils	Used With Furnaces Flush on Both Sides	Dimensions (in.) H x W x D	Shipping Weight (lbs.)
BAYCLE14A1422A	PXAAU24BS	14½" Wide Furnace	22½ x 14½ x 21½	12
BAYCLE17A1722A	4PXABU24BS, 4PXABU30BS 4PXABU36BS, 4PXABU42BS 4PXABU48BS	17½" Wide Furnace	22⅝ x 17½ x 21½	14
BAYCLE21A2130A	4PXACU30BS, 4PXACU36BS 4PXACU42BS, 4PXACU48BS 4PXACU60BS	21" Wide Furnace	30 x 21 x 21½	18
BAYCLE24A2430A	4PXADU48BS, 4PXADU60BS	24½" Wide Furnace	30 x 24½ x 21½	22

# Split System – Cased Heat Pump and Cooling Coils



**4TXF**

**Table COIL-2-C — Aluminum Cased Horizontal Flat Coils R-410A Refrigerant**

Model Number	Nom. Cap. Cooling (Btuh)	Coil Type	Refrigerant Control	Outlet Dim. (in.) H x D	Overall Dim. (in.) H x W x D	Shipping Weight (lbs.)	Line Size	
							OD Gas	OD Liq.
4TXFH024CZ3HHB	24,000	Flat	TXVNB①	21 x 33¼	22.7 x 10.2 x 37.5	48	5/8	3/8
4TXFH033CC3HHB	34,000	Flat	TXVNB①	21 x 24	22.7 x 10.2 x 28.2	49	3/4	5/16
4TXFH036CZ3HHB	36,000	Flat	TXVNB①	21 x 33¼	22.7 x 10.2 x 37.5	53	3/4	3/8
4TXFH041CC3HHB	44,000	Flat	TXVNB①	21 x 33¼	22.7 x 10.2 x 37.5	57	3/4	3/8
4TXFH054CC3HHB	58,000	Flat	TXVNB①	21 x 33¼	22.7 x 10.2 x 37.5	55	7/8	3/8
4TXFH064AZ3HHA	61,000	Flat	TXVNB①	27 x 33¼	28.6 x 10.2 x 37.5	63	7/8	3/8

① Start Kit may be required on outdoor unit.



# Split System – Uncased Heat Pump and Cooling Coils

**Table COIL-3-A — Features - Enhanced Fin Models**

	4TXC-DS	4PXC-U	4PXC-D	4PXA-U	4TXF
• All aluminum coil .....	✓	✓	✓	✓	✓
• Enhanced Fin Surface.....	✓	✓	✓	✓	—
• 100% foil lined insulation.....	✓	✓	✓	—	✓
• Internally checked non-bleed* thermal expansion valve with mechanical fitting on both sides (heat pump operation) .....	✓	✓	✓	✓	✓
• Easy case attachment to furnace.....	✓	✓	✓	—	—
• 4 way application - Upflow/Downflow/Horizontal (left/right) .....	✓	—	—	—	—
• Upflow application; convertible to Horizontal Left application with kit .....	—	✓	—	—	—
• Upflow only application .....	—	—	—	✓	—
• Downflow application; convertible to Horizontal Right application with kit .....	—	✓	✓	—	—
• Horizontal application with Bi-Direction airflow .....	—	—	—	—	✓
• Double sloped non-corrosive drain pan - UL rated 400°F.....	✓	✓	✓	✓	—
• Sloped non-corrosive drain pan .....	—	—	—	—	✓
• Optimized for high efficiency with staged systems .....	✓	✓	✓	—	—
• Split inner and outer doors for easy coil inspection and cleaning.....	✓	✓	✓	—	—
• Painted galvanized steel cabinet to match furnace.....	✓	✓	✓	—	—
• Unpainted galvanized steel cabinet .....	—	—	—	—	✓
• <b>5-year base limited warranty on coil, &amp; all other functional parts (Residential Use)**</b> .....	✓	✓	✓	✓	✓
• <b>10-year registered limited warranty on coil, &amp; all other functional parts (Residential Use)**</b> .....	✓	✓	✓	✓	✓

\*Start kit may be required on outdoor unit.

\*\*Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at americanstandardair.com or by phone at 800-554-8005; otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.

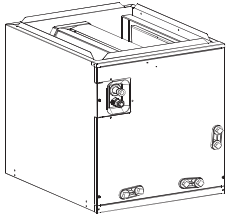
**Table COIL-3-B - Kits for 4PXC Coils**

Horizontal Conversion Kit No.	Used with Model Number
BAYCONV18A	4PXCAU24, 4PXCBU24, 4PXCBU30, 4PXCCU30, 4PXCAD24, 4PXCBD24, 4PXCBD30, 4PXCCD30
BAYCONV23A	4PXCBU36, 4PXCCU36, 4PXCBD36, 4PXCCD36
BAYCONV27A	4PXCBU42, 4PXCCU42, 4PXCBU48, 4PXCCU48, 4PXCDD48, 4PXCBD48, 4PXCCD48, 4PXCDD48
BAYCONV30A	4PXCCU60, 4PXCDD60, 4PXCCD60, 4PXCDD60
Optional Downflow Gasket Kit No.	Used with Model Number
BAYGSKT001A0	4TXCB003DS, 4TXCB004DS, 4TXCC005DS

**Table COIL-3-C - R-22 TXV Conversion TXV Kits for 4PXC, 4PXA, and 4TXC-D Coils**

R-22 TXV Kit	Coil models where used	
2AYTXVH3H1836A	4PX: 24 - 36	4TXC: 002DS - 005DS
2AYTXVH3H4248A	4PX: 42 - 48	4TXC: 006DS - 008DS
2AYTXVH3H6060A	4PX: 60	4TXC: 009DS - 010DS

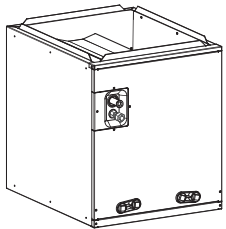
# Split System – Cased Heat Pump and Cooling Coils



**4MXC**

**Table COIL-4-A — Aluminum Single Stage Cased Coil (Upflow/Downflow/Horizontal) R-410A Refrigerant**

Model Number	Nom. Cooling Capacity Range (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	Line Size OD Liq.
4MXCA001AC6HCA	18,000-30,000	A	FCCV <sup>①</sup>	13 x 19	20 x 14.5 x 21	51	3/4	3/8
4MXCB002AC6HCA	18,000-30,000	A	FCCV <sup>①</sup>	16 x 19	20 x 17.5 x 21	55	3/4	3/8
4MXCA003AC6HCA	24,000-36,000	A	FCCV <sup>①</sup>	13 x 19	20 x 14.5 x 21	51	3/4	3/8
4MXCB004AC6HCA	24,000-36,000	A	FCCV <sup>①</sup>	16 x 19	20 x 17.5 x 21	55	3/4	3/8
4MXCC005AC6HCA	30,000-36,000	A	FCCV <sup>①</sup>	19 1/2 x 19	20 x 21 x 21	59	3/4	3/8
4MXCB006AC6HCA	36,000-48,000	A	FCCV <sup>①</sup>	16 x 19	26 x 17.5 x 21	66	7/8	3/8
4MXCC007AC6HCA	36,000-48,000	A	FCCV <sup>①</sup>	19 1/2 x 19	26 x 21 x 21	70	7/8	3/8
4MXCD008AC6HCA	42,000-48,000	A	FCCV <sup>①</sup>	23 x 19	26 x 24.5 x 21	74	7/8	3/8
4MXCC009AC6HCA	42,000-60,000	A	FCCV <sup>①</sup>	19 1/2 x 19	30 x 21 x 21	91	7/8	3/8
4MXCD010AC6HCA	48,000-60,000	A	FCCV <sup>①</sup>	23 x 19	30 x 24.5 x 21	95	7/8	3/8
4MXCB016AC6HCA <sup>②</sup>	36,000-48,000	A	FCCV <sup>①</sup>	16 x 19	30 x 17.5 x 21	82	7/8	3/8
4MXCC017AC6HCA <sup>②</sup>	36,000-48,000	A	FCCV <sup>①</sup>	19 1/2 x 19	30 x 21 x 21	88	7/8	3/8
4MXCD018AC6HCA <sup>②</sup>	42,000-48,000	A	FCCV <sup>①</sup>	23 x 19	30 x 24.5 x 21	92	7/8	3/8



**4GXC**

**Table COIL-4-B — Aluminum Single Stage Cased Coil (Upflow/Downflow) R-410A Refrigerant**

Model Number	Nom. Cooling Capacity Range (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	Line Size OD Liq.
4GXCA001AC6HUA	18,000-30,000	A	FCCV <sup>①</sup>	13 x 19	20 x 14.5 x 21	47	3/4	3/8
4GXCB002AC6HUA	18,000-30,000	A	FCCV <sup>①</sup>	16 x 19	20 x 17.5 x 21	50	3/4	3/8
4GXCA003AC6HUA	24,000-36,000	A	FCCV <sup>①</sup>	13 x 19	20 x 14.5 x 21	47	3/4	3/8
4GXCB004AC6HUA	24,000-36,000	A	FCCV <sup>①</sup>	16 x 19	20 x 17.5 x 21	50	3/4	3/8
4GXCC005AC6HUA	30,000-36,000	A	FCCV <sup>①</sup>	19 1/2 x 19	20 x 21 x 21	55	3/4	3/8
4GXCB006AC6HUA	36,000-48,000	A	FCCV <sup>①</sup>	16 x 19	26 x 17.5 x 21	61	7/8	3/8
4GXCC007AC6HUA	36,000-48,000	A	FCCV <sup>①</sup>	19 1/2 x 19	26 x 21 x 21	65	7/8	3/8
4GXCD008AC6HUA	42,000-48,000	A	FCCV <sup>①</sup>	23 x 19	26 x 24.5 x 21	68	7/8	3/8
4GXCC009AC6HUA	42,000-60,000	A	FCCV <sup>①</sup>	19 1/2 x 19	30 x 21 x 21	85	7/8	3/8
4GXCD010AC6HUA	48,000-60,000	A	FCCV <sup>①</sup>	23 x 19	30 x 24.5 x 21	89	7/8	3/8
4GXCB016AC6HUA <sup>②</sup>	36,000-48,000	A	FCCV <sup>①</sup>	16 x 19	30 x 17.5 x 21	76	7/8	3/8
4GXCC017AC6HUA <sup>②</sup>	36,000-48,000	A	FCCV <sup>①</sup>	19 1/2 x 19	30 x 21 x 21	81	7/8	3/8
4GXCD018AC6HUA <sup>②</sup>	42,000-48,000	A	FCCV <sup>①</sup>	23 x 19	30 x 24.5 x 21	85	7/8	3/8

① All coils shipped with a Fixed Metering Device (Flow Control Check Valve - FCCV). Some rated combinations require a TXV kit, ordered separately. See the coil Installer's Guide for Orifice and TXV matches.

② Enhanced models for use in heating.

# Split System – Cased Heat Pump and Cooling Coils

**Table COIL-5-A — Features**

	4MXC	4GXC
• All aluminum coil .....	✓	✓
• 100% foil lined insulation.....	✓	✓
• Shipped with fixed factory installed orifice. Additional orifices supplied.....	✓	✓
• Optional accessory TXV Kit with mechanical fittings available for higher performance ratings ① .....	✓	✓
• Easy case attachment to furnace.....	✓	✓
• Upflow/Downflow application .....	—	✓
• 4 way application - Upflow/Downflow/Horizontal (left/right) .....	✓	—
• Sloped non-corrosive drain pan - UL rated 275°F max .....	✓	✓
• Dual side condensate drain options.....	✓	✓
• Coils achieve 13-16 SEER with single stage outdoor units .....	✓	✓
• Painted galvanized steel cabinet to match furnace.....	✓	✓
• <b>3-year base limited warranty on coil, &amp; all other functional parts (Residential Use)**</b> .....	✓	✓
• <b>10-year registered limited warranty on coil, &amp; all other functional parts (Residential Use)**</b> .....	✓	✓

\*\*Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at americanstandardair.com or by phone at 800-554-8005; otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.

① Reference AHRI ratings to find correct TXV kit or reference Product Data for additional information.

**Table COIL-5-B — Refrigerant TXV Kits**

Tons	R-410A TXV Kit (If required)	R-22 TXV Kit (If required)
1.5-3.0	4AYTXVH3G2436A	2AYTXVH3G2436A
3.5-4.0	4AYTXVH3G4248A	2AYTXVH3G4248A
5	4AYTXVH3G6000A	2AYTXVH3G6000A

Note: Additional R-22 Kit combinations can be found in the Accessories section.

**Table COIL-5-C — Orifice kit table for 4GXC and 4MXC coils**

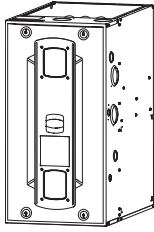
Outdoor Unit Capacity (Tons)	Orifice Size (R410A)	Orifice Kit	Orifice Size (R22)	Orifice Kit
1.5	0.052	MAYORIACHP0052B	0.052	MAYORIACHP0052B
2	0.058	MAYORIACHP0058B	0.058	MAYORIACHP0058B
2.5*	0.063 / 0.065	MAYORIACHP0063B / 065A	0.065	MAYORIACHP0065A
3	0.070	MAYORIACHP0070B	0.072	MAYORIACHP0072B
3.5	0.075	MAYORIACHP0075B	0.078	MAYORIACHP0078B
4	0.083	MAYORIACHP0083B	0.088	MAYORIACHP0088B
5	0.090	MAYORIACHP0090B	0.096	MAYORIACHP0096B

Note: Orifice size needed for system combination may not be pre-installed. See Table 1 in coil Installation Manual for pre-installed size.

\* Necessary Orifice sizes varies for this tonnage. See Table 3 in coil Installation Manual.

# S9V2-VS – Two Stage ECM Variable Speed

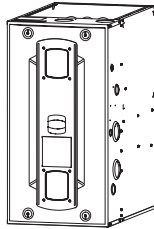
**Table FUR-1-A — Variable Speed, 2 Stage, Direct/Non-Direct Vent, Upflow/Horizontal Left/Horizontal Right Condensing Gas Furnace with Variable Speed Draft Inducer (120/1/60)③**



**S9V2-VS**  
Direct Vent  
Upflow

Unit Model No.	Airflow In Tons	Output (Btuh)		ICS① 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							
S9V2B040U3VSAA	3	39,141	25,639	97.0②	2, 3, 4	④	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	122	15	16 x 25 x 1
S9V2B060U3VSAA	3	57,838	38,271	97.0②	2, 3, 4	④	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	127	15	16 x 25 x 1
S9V2B080U3VSAA	3	77,259	51,003	97.0②	2, 3, 4	④	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	132	15	16 x 25 x 1
S9V2C100U4VSAA	4	96,362	64,036	97.0②	2, 3, 4	④	34 x 21 x 28 <sup>3</sup> / <sub>4</sub>	154	15	20 x 25 x 1
S9V2D120U5VSAA	5	113,145	76,668	97.0②	3, 4	④	34 x 24 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	167	15	24 x 25 x 1

**Table FUR-1-B — Variable Speed, 2 Stage, Direct/Non-Direct Vent, Downflow Condensing Gas Furnace (120/1/60)③**



**S9V2-VS**  
Direct Vent  
Downflow

Unit Model No.	Airflow In Tons	Output (Btuh)		ICS① 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							
S9V2B080D3VSAA	3	76,363	51,091	97.0②	2, 3, 4	④	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	132	15	(2)14 x 20 x 1
S9V2C100D4VSAA	4	95,833	63,950	97.0②	2, 3, 4	④	34 x 21 x 28 <sup>3</sup> / <sub>4</sub>	154	15	(2)16 x 20 x 1

Note: Variable speed furnaces should not be twinned and are not approved for twinning applications.

① Isolated Combustion System. AFUE may vary based on poise.

② Energy Star.

③ Direct drive variable speed motor is an ECM constant airflow blower motor.

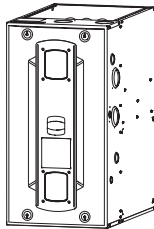
④ Silicon Nitride Igniter.

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

\*\* Filters are not shipped with furnace. For Upflow furnaces, the size is for a bottom return filter.

# S9V2 – Two Stage ECM Variable Speed

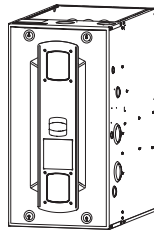
**Table FUR-1-C — Variable Speed, 2 Stage, Direct/Non-Direct Vent, Upflow/Horizontal Left/Horizontal Right Condensing Gas Furnace (120/1/60)③**



**S9V2**  
Direct Vent  
Upflow

Unit Model No.	Airflow In Tons	Output (Btuh)		ICS① 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							
S9V2B040U3PSBA	3	38,800	25,220	96.0②	2, 3, 4	④	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	122	15	16 x 25 x 1
S9V2B060U3PSBA	3	58,200	37,830	96.0②	2, 3, 4	④	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	127	15	16 x 25 x 1
S9V2B060U4PSBA	4	58,200	37,830	96.0②	2, 3, 4	④	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	130	15	16 x 25 x 1
S9V2B080U3PSBA	3	77,600	50,440	96.0②	2, 3, 4	④	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	132	15	16 x 25 x 1
S9V2B080U4PSBA	4	77,600	50,440	96.0②	2, 3, 4	④	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	135	15	16 x 25 x 1
S9V2C080U5PSBA	5	77,600	50,440	96.0②	2, 3, 4	④	34 x 21 x 28 <sup>3</sup> / <sub>4</sub>	149	15	20 x 25 x 1
S9V2C100U4PSBA	4	97,000	63,050	96.0②	2, 3, 4	④	34 x 21 x 28 <sup>3</sup> / <sub>4</sub>	154	15	20 x 25 x 1
S9V2C100U5PSBA	5	97,000	63,050	96.0②	2, 3, 4	④	34 x 21 x 28 <sup>3</sup> / <sub>4</sub>	155	15	20 x 25 x 1
S9V2D120U5PSBA	5	116,400	75,660	96.0②	3, 4	④	34 x 24 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	167	15	24 x 25 x 1

**Table FUR-1-D — Variable Speed, 2 Stage, Direct/Non-Direct Vent, Downflow Condensing Gas Furnace (120/1/60)③**



**S9V2**  
Direct Vent  
Downflow

Unit Model No.	Airflow In Tons	Output (Btuh)		ICS① 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							
S9V2B040D3PSBA	3	38,800	25,220	96.0②	2, 3, 4	④	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	122	15	(2)14 x 20 x 1
S9V2B060D3PSBA	3	58,200	37,830	96.0②	2, 3, 4	④	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	127	15	(2)14 x 20 x 1
S9V2B080D3PSBA	3	77,600	50,440	96.0②	2, 3, 4	④	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	132	15	(2)14 x 20 x 1
S9V2B080D4PSBA	4	77,600	50,440	96.0②	2, 3, 4	④	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	135	15	(2)14 x 20 x 1
S9V2C100D4PSBA	4	97,000	63,050	96.0②	2, 3, 4	④	34 x 21 x 28 <sup>3</sup> / <sub>4</sub>	154	15	(2)16 x 20 x 1
S9V2C100D5PSBA	5	97,000	63,050	96.0②	2, 3, 4	④	34 x 21 x 28 <sup>3</sup> / <sub>4</sub>	155	15	(2)16 x 20 x 1
S9V2D120D5PSBA	5	116,400	75,660	96.0②	3, 4	④	34 x 24 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	167	15	(2)16 x 20 x 1

Note: Variable speed furnaces should not be twinned and are not approved for twinning applications.

① Isolated Combustion System. AFUE may vary based on poise.

② Energy Star.

③ Direct drive variable speed motor is an ECM constant airflow blower motor.

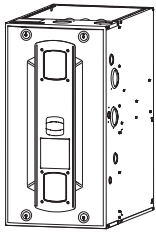
④ Silicon Nitride Igniter.

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

\*\* Filters are not shipped with furnace. For Upflow furnaces, the size is for a bottom return filter.

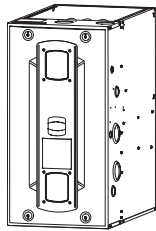
# S9X2 – Two Stage High Efficiency ECM

**Table FUR-2-A — 5 Speed High Efficiency ECM Motor, 2 Stage, Direct/Non-Direct Vent, Upflow/Horizontal Left/Horizontal Right Condensing Gas Furnace (120/1/60)③**



**S9X2  
Direct Vent  
Upflow**

Unit Model No.	Airflow In Tons	Output (Btuh)		ICS① 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							
S9X2B040U2PSAA	2	38,800	25,220	96.0②	2, 3, 4	④	34 x 17½ x 28¾	122	15	16 x 25 x 1
S9X2B040U3PSAA	3	38,800	25,220	96.0②	2, 3, 4	④	34 x 17½ x 28¾	122	15	16 x 25 x 1
S9X2B060U3PSAA	3	58,200	37,830	96.0②	2, 3, 4	④	34 x 17½ x 28¾	127	15	16 x 25 x 1
S9X2B060U4PSAA	4	58,200	37,830	96.0②	2, 3, 4	④	34 x 17½ x 28¾	130	15	16 x 25 x 1
S9X2B080U3PSAA	3	77,600	50,440	96.0②	2, 3, 4	④	34 x 17½ x 28¾	132	15	16 x 25 x 1
S9X2B080U4PSAA	4	77,600	50,440	95.0②	2, 3, 4	④	34 x 17½ x 28¾	135	15	16 x 25 x 1
S9X2C080U4PSAA	4	77,600	50,440	96.0②	2, 3, 4	④	34 x 21 x 28¾	149	15	20 x 25 x 1
S9X2C080U5PSAA	5	77,600	50,440	96.0②	2, 3, 4	④	34 x 21 x 28¾	149	15	20 x 25 x 1
S9X2C100U4PSAA	4	97,000	63,050	96.0②	2, 3, 4	④	34 x 21 x 28¾	154	15	20 x 25 x 1
S9X2C100U5PSAA	5	97,000	63,050	96.0②	2, 3, 4	④	34 x 21 x 28¾	155	15	20 x 25 x 1
S9X2D120U5PSAA	5	116,400	75,660	95.0②	3, 4	④	34 x 24½ x 28¾	167	15	24 x 25 x 1



**S9X2  
Direct Vent  
Downflow**

**Table FUR-2-B — 5 Speed High Efficiency ECM Motor, 2 Stage, Direct/Non-Direct Vent, Downflow Condensing Gas Furnace (120/1/60)③**

Unit Model No.	Airflow In Tons	Output (Btuh)		ICS① 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							
S9X2B040D2PSAA	2	38,800	25,220	96.0②	2, 3, 4	④	34 x 17½ x 28¾	122	15	(2)14 x 20 x 1
S9X2B060D3PSAA	3	58,200	37,830	95.0②	2, 3, 4	④	34 x 17½ x 28¾	127	15	(2)14 x 20 x 1
S9X2B080D4PSAA	4	77,600	50,440	95.0②	2, 3, 4	④	34 x 17½ x 28¾	135	15	(2)14 x 20 x 1
S9X2C100D5PSAA	5	97,000	63,050	95.0②	2, 3, 4	④	34 x 21 x 28¾	155	15	(2)16 x 20 x 1
S9X2D120D5PSAA	5	116,400	75,660	95.0②	3, 4	④	34 x 24½ x 28¾	167	15	(2)16 x 20 x 1

① Isolated Combustion System. AFUE may vary based on poise.

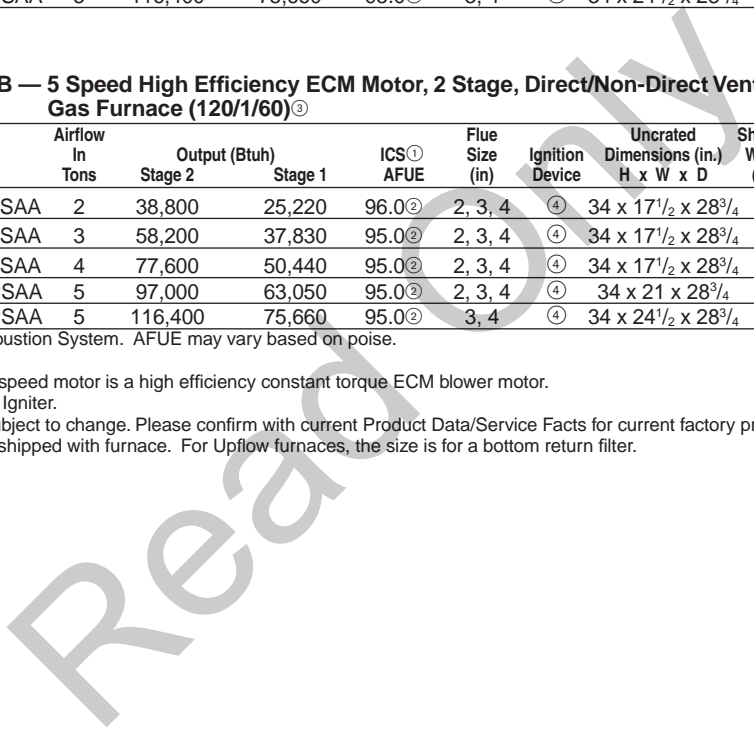
② Energy Star.

③ Direct drive 5 speed motor is a high efficiency constant torque ECM blower motor.

④ Silicon Nitride Igniter.

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

\*\* Filters are not shipped with furnace. For Upflow furnaces, the size is for a bottom return filter.



# Convertible Gas Furnaces

**Table FUR-3-A — Features**

	S9V2-VS Variable Speed	S9V2 Variable Speed	S9X2 Multi-Speed
• <b>Comfort-R™</b> enhanced mode (cooling).....	✓	✓	—
• Standard 34" height .....	✓	✓	✓
• 3 Way poise Upflow furnace model (Upflow, Horizontal Left, Horizontal Right) .....	✓	✓	✓
• Dedicated Downflow furnace model .....	✓	✓	✓
• Front service access with easily accessible burners, sensors, orifices, switches, and other components .....	✓	✓	✓
• Cabinet has no knockouts - Rubber and plastic plugs come installed from factory .....	✓	✓	✓
• Gas can enter either side of cabinet .....	✓	✓	✓
• Condensate can exit either side of cabinet in Upflow orientation .....	✓	✓	✓
• Multiple venting options - Every model, every size will offer two venting options.....	✓	✓	✓
• New Integrated Furnace Control board with digital configuration, status, and fault codes.....	✓	✓	✓
• Improved alpha-numeric diagnostic codes .....	✓	✓	✓
• Dry contact Humidifier/EAC hook-up capability.....	✓	✓	✓
• Adjustable blower off delay for heating and cooling.....	✓	✓	✓
• Last six fault codes are stored (even with power loss) .....	✓	✓	✓
• Stainless steel primary and secondary heat exchanger tubes.....	✓	✓	✓
• Longer IFC wire harnesses allow door to be removed without disconnecting the harness .....	✓	✓	✓
• Alternate bottom/left/right return air (upflow models only) .....	✓	✓	✓
• Bottom panel .....	✓	✓	✓
• Direct drive, variable speed ECM blower motor - Constant airflow ECM (electronically commutated motor) ..	✓	✓	—
• Direct drive, multi speed ECM blower motor - Constant torque ECM (electronically commutated motor).....	—	—	✓
• Dual PVC pipe venting (1 or 2 pipe option) .....	✓	✓	✓
• Two stage combination gas valve and regulator.....	✓	✓	✓
• Gasketed inner and outer door .....	✓	✓	✓
• Variable speed draft inducer motor.....	✓	—	—
• Heavy gauge reinforced wrap-around steel cabinet .....	✓	✓	✓
• Insulated blower compartment.....	✓	✓	✓
• Left/right condensate drain capability in vertical application .....	✓	✓	✓
• Service diagnostics with faults reported on IFC board .....	✓	✓	✓
• Manual reset flame roll out switches.....	✓	✓	✓
• Mobile home approved with mobile home kit.....	✓	✓	✓
• Multi-port in shot burners .....	✓	✓	✓
• Painted cabinet two tone color .....	✓	✓	✓
• Service diagnostic capabilities.....	✓	✓	✓
• Vortica® II blower housing .....	✓	✓	✓
• Slide out blower assembly on full-length rails.....	✓	✓	✓
• Side return duct starter tabs (upflow models only) .....	✓	✓	✓
• Silicon Nitride 120V hot surface igniter .....	✓	✓	✓
• Multiple heating blower speeds.....	✓	✓	✓
• Meets requirements for 2% or less air leakage .....	✓	✓	✓
• <b>Registered limited lifetime heat exchanger warranty &amp; 10-year on all other functional parts (Residential Use)①</b> .....	✓	✓	✓
• <b>Optional extended warranties available</b> .....	✓	✓	✓

Note: Variable speed furnaces should not be twinned and are not approved for twinning applications.

① Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at americanstandardair.com or by phone at 800-554-8005; otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.

**Table FUR-3-B — Optional Accessories**

Model Number	Description	Shipping Weight	S9V2-VS 2 Stage 1 or 2 Pipe	S9V2 - 2 Stage 1 or 2 Pipe	S9X2 - 2 Stage 1 or 2 Pipe
BAYLPSS400B .....	LP Kit with Stainless Steel Burners .....	3 .....	✓	✓	✓
BAYHANG .....	Horizontal hanging kit .....	2 .....	✓	✓	✓
BAYVENT200B .....	Sidewall vent Termination Kit fo Direct vent furnaces .....	2 .....	✓	✓	✓
BAYVENTCN200B .....	Sidewall vent Termination Kit fo Direct vent furnaces for Canadian applications ..	2 .....	✓	✓	✓
BAYAIR30AVENTA .....	Concentric vent kit for 2, 2½ and 3" vent system .....	11 .....	✓	✓	✓
BAYAIR30CNVENT .....	Concentric vent kit for 2, 2½ and 3" vent system for Canadian applications .....	11 .....	✓	✓	✓
BAYREDUCE .....	Reducer Coupling for Canadian applications (CPVC).....	1 .....	✓	✓	✓
BAYLIFTB.....	Dual return kit. B size extension.....	8 .....	✓	✓	✓
BAYLIFTC.....	Dual return kit. C size extension .....	9 .....	✓	✓	✓
BAYLIFTD.....	Dual return kit. D size extension .....	9 .....	✓	✓	✓
BAYMFGH200B .....	Manufactured/mobile home kit .....	1 .....	✓	✓	✓
BAYCNDTRAP2A.....	In-line condensate collector for 2" PVC pipe .....	1 .....	✓	✓	✓
BAYCNDTRAP3A.....	In-line condensate collector for 3" PVC pipe .....	1 .....	✓	✓	✓
BAYBASE205.....	Downflow subbase .....	8 .....	✓	✓	✓
BAYFLTR206.....	Filter Access Door Kit (Downflow only).....	2 .....	✓	✓	✓

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.



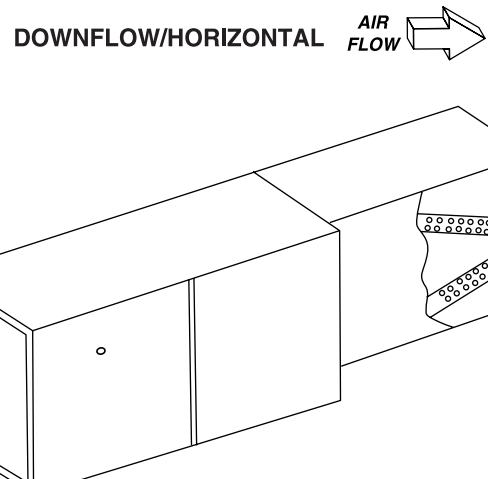
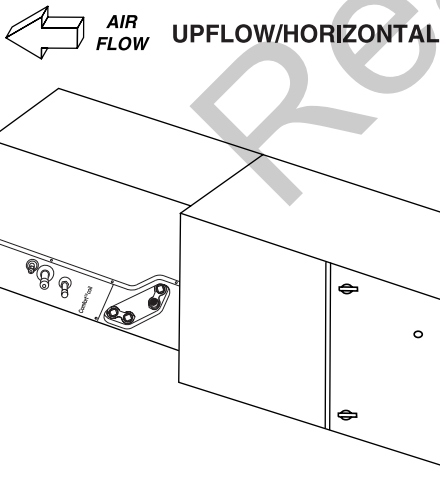
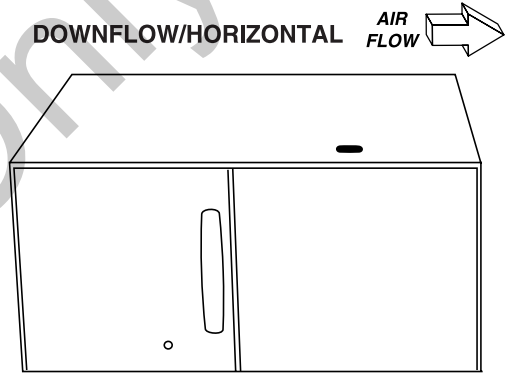
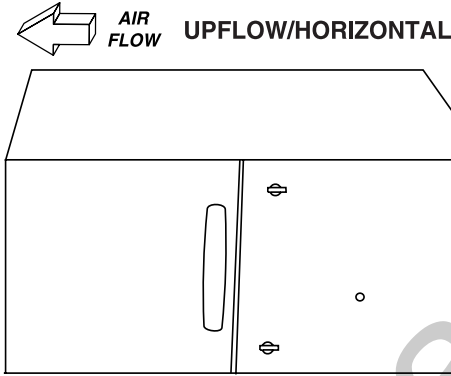
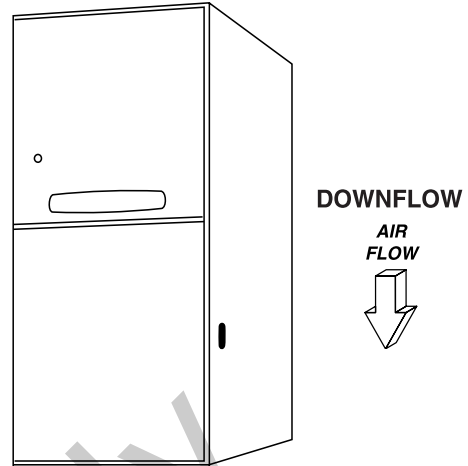
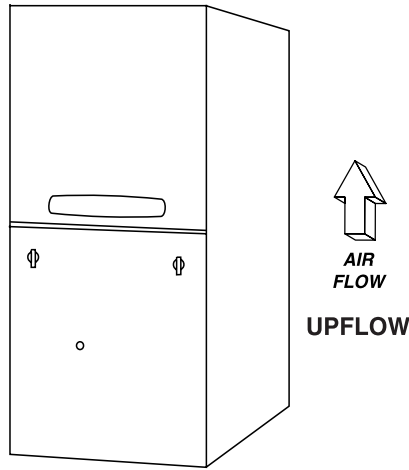
BUILT TO A HIGHER STANDARD™

*American Standard*®

HEATING & AIR CONDITIONING

# Platinum 95, Gold 95v, Silver 95, Silver 95h, and American Standard 92 Convertible Gas Furnaces Airflow Directions

Furnaces

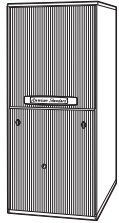


**Note:** The forty inch (40") height condensing downflow/horizontal and upflow/horizontal furnaces may only be rotated onto their left side. Connection brackets for coil/furnace alignment are included with the furnaces. The apex of the coil may point into or away from the airflow.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.



# Platinum 95 – Modulating, Communicating ECM Variable Speed



**Platinum 95**  
Direct/Non-Direct  
Vent Upflow



**Platinum 95**  
Direct/Non-Direct  
Vent Downflow

**Table FUR-5-A — Variable Speed, Communicating, Modulating Direct/Non-Direct Vent, Upflow/Horizontal Left Condensing Gas Furnace (115/1/60)<sup>④⑤⑦</sup>**

Unit Model No.	Airflow In Tons	Output (Btuh)		ICS <sup>①</sup> AFUE	Flue Size (in)	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
		High Stage 100%	Low Stage 40% <sup>③</sup>						
AUHMB060ACV3VB	3	57,000	23,000	97.3 <sup>②</sup> / 96.5 <sup>②</sup>	2, 2 1/2, 3	40 x 17 1/2 x 28	158	15	17 x 25 x 1
AUHMB080ACV3VB	3	76,000	31,000	97.0 <sup>②</sup> / 96.2 <sup>②</sup>	2, 2 1/2, 3	40 x 17 1/2 x 28	168	15	17 x 25 x 1
AUHMC100ACV4VB	4	95,000	39,000	96.0 <sup>②</sup> / 95.2 <sup>②</sup>	2 1/2, 3	40 x 21 x 28	197	15	20 x 25 x 1
AUHMD120ACV5VB	5	114,000	52,000	97.0 <sup>②</sup> / 96.2 <sup>②</sup>	3	40 x 24 1/2 x 28	206	15	24 x 25 x 1

**Table FUR-5-B — XC95m Variable Speed, Communicating Modulating Direct/Non-Direct Vent, Downflow/Horizontal Right Condensing Gas Furnace (115/1/60)<sup>④⑤⑦</sup>**

Unit Model No.	Airflow In Tons	Output (Btuh)		ICS <sup>①</sup> AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes
		High Stage 100%	Low Stage 40%							
ADHMB060BCV3VB	3	57,000	22,800	95.0 <sup>②</sup>	2, 2 1/2, 3	⑥	40 x 17 1/2 x 28	160	15	(2)14 x 20 x 1
ADHMB080ACV3VB	3	76,000	30,400	96.0 <sup>②</sup>	2, 2 1/2, 3	⑥	40 x 17 1/2 x 28	168	15	(2)14 x 20 x 1
ADHMC100ACV4VB	4	96,000	38,400	96.0 <sup>②</sup>	2 1/2, 3	⑥	40 x 21 x 28	185	15	(2)16 x 20 x 1
ADHMD120BCV5VB	5	114,000	51,300	95.0 <sup>②</sup>	3	⑥	40 x 24 1/2 x 28	206	15	(2)16 x 20 x 1

Note: Variable speed furnaces should not be twinned and are not approved for twinning applications

① Isolated Combustion System. AFUE may vary based on poise.

② Energy Star.

③ Low stage is equal to 45% for AUHMD120 model.

④ Furnace use in 24, non-communicating mode.

⑤ Direct drive variable speed motor is an ECM constant airflow blower motor.

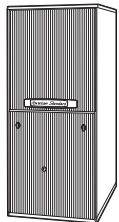
⑥ Silicon Nitride

⑦ Must use communicating thermostat with AccuLink™ II control.

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

\*\* For Upflow furnaces, the size is for a bottom return filter.

# Gold 95v – Two Stage ECM Variable Speed



**Gold 95v**  
Direct/Non-Direct  
Vent Upflow

**Table FUR-5-C — Variable Speed, Direct/Non-Direct Vent, Upflow/Horizontal Left Condensing Gas Furnace (115/1/60)**

Unit Model No.	Airflow In Tons	Output (Btuh)		ICS <sup>①</sup> 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							
AUH2B060A9V3VB	3	58,200	37,830	97.0 <sup>②</sup> / 96.2 <sup>②</sup>	2, 2 1/2, 3	③	40 x 17 1/2 x 28	158	15	17 x 25 x 1
AUH2B080A9V3VB	3	77,600	50,440	97.0 <sup>②</sup> / 96.2 <sup>②</sup>	2, 2 1/2, 3	③	40 x 17 1/2 x 28	168	15	17 x 25 x 1
AUH2B080A9V4VB	4	77,600	50,440	97.0 <sup>②</sup> / 96.2 <sup>②</sup>	2, 2 1/2, 3	③	40 x 17 1/2 x 28	170	15	17 x 25 x 1

Note: Variable speed furnaces should not be twinned and are not approved for twinning applications

① Isolated Combustion System. AFUE may vary based on poise.

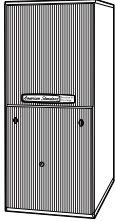
② Energy Star.

③ Silicon Nitride Igniter.

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

\*\* For Upflow furnaces, the size is for a bottom return filter.

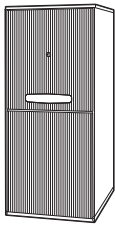
# Silver 95h - Single Stage with ECM Multi-Speed Motor



**Silver 95h**  
Direct/Non-Direct  
Vent Upflow

**Table FUR-6-A — Direct/Non-Direct Vent, Upflow/Horizontal Left Condensing Gas Furnace with Filter**

Unit Model No.	Airflow In Tons	Nominal Output (Btuh)	ICS <sup>①</sup> AFUE Upflow / Horiz	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
AUH1B040A9H21B	2	38,000	95.0 / 94.2	2, 2 <sup>1</sup> / <sub>2</sub> , 3	②	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	139	15	17 x 25 x 1
AUH1B060A9H31B	3	57,000	95.0 <sup>③</sup> / 94.2	2, 2 <sup>1</sup> / <sub>2</sub> , 3	②	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	150	15	17 x 25 x 1
AUH1B080A9H31C	3	73,150	95.0 <sup>③</sup> / 94.2	2, 2 <sup>1</sup> / <sub>2</sub> , 3	②	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	158	15	17 x 25 x 1
AUH1C100A9H41B	3 <sup>1</sup> / <sub>2</sub>	92,150	95.0 <sup>③</sup> / 94.2	3	②	40 x 21 x 28	171	15	20 x 25 x 1



**Silver 95h**  
Direct/Non-Direct  
Vent Downflow

**Table FUR-6-B — Direct/Non-Direct Vent, Downflow/Horizontal Right Condensing Gas Furnace with Filter**

Unit Model No.	Airflow In Tons	Nominal Output (Btuh)	ICS <sup>①</sup> AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
ADH1B040A9H21B	2	38,000	95.0	2, 2 <sup>1</sup> / <sub>2</sub> , 3	②	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	145	15	(2) 14 x 20 x 1
ADH1B065A9H31B	3	57,000	95.0 <sup>③</sup>	2, 2 <sup>1</sup> / <sub>2</sub> , 3	②	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	158	15	(2) 14 x 20 x 1
ADH1C085A9H41B	4	76,000	95.0 <sup>③</sup>	2 <sup>1</sup> / <sub>2</sub> , 3	②	40 x 21 x 28	171	15	(2) 16 x 20 x 1

① Isolated Combustion System. AFUE may vary based on poise.

② Silicon Nitride Igniter..

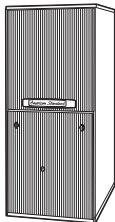
③ Energy Star

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

\*\* For Upflow furnaces, the size is for a bottom return filter.

Furnaces

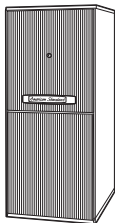
## Silver 95 – Single Stage



**Silver 95**  
Direct/Non-Direct  
Vent Upflow

**Table FUR-6-C — Direct/Non-Direct Vent, Upflow/Horizontal Left Condensing Gas Furnace (115/1/60)**

Unit Model No.	Airflow In Tons	Nominal Output (Btuh)	ICS <sup>①</sup> AFUE Upflow / Horiz	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter** Sizes
AUH1B040A9241C	2	38,000	95.0 / 94.2	2, 2 <sup>1</sup> / <sub>2</sub> , 3	②	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	139	15	17 x 25 x 1
AUH1B060A9361C	3	57,000	95.0 / 94.2	2, 2 <sup>1</sup> / <sub>2</sub> , 3	②	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	150	15	17 x 25 x 1
AUH1B080A9421C	3 <sup>1</sup> / <sub>2</sub>	73,150	95.0 / 94.2	2, 2 <sup>1</sup> / <sub>2</sub> , 3	②	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	158	15	17 x 25 x 1
AUH1C080A9601C	5	76,000	95.0 / 94.2	3	②	40 x 21 x 28	171	20	20 x 25 x 1
AUH1C100A9481C	4	92,150	95.0 / 94.2	3	②	40 x 21 x 28	171	20	20 x 25 x 1
AUH1D100A9601C	5	92,150	95.0 / 94.2	3	②	40 x 24 <sup>1</sup> / <sub>2</sub> x 28	197	20	24 x 25 x 1
AUH1D120A9601C	5	104,500	95.0 / 94.2	3	②	40 x 24 <sup>1</sup> / <sub>2</sub> x 28	205	20	24 x 25 x 1



**Silver 95**  
Direct/Non-Direct  
Vent Downflow

**Table FUR-6-D — Direct/Non-Direct Vent, Downflow/Horizontal Right Condensing Gas Furnace (115/1/60)**

Unit Model No.	Airflow In Tons	Nominal Output (Btuh)	ICS <sup>①</sup> AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max <sup>②</sup> Fuse*	Filter** Sizes
ADH1B040A9241C	2	38,000	95.0	2,2 <sup>1</sup> / <sub>2</sub> ,3	②	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	155	15	(2)14 x 20 x 1
ADH1B065A9421C	3 <sup>1</sup> / <sub>2</sub>	57,000	95.0	2,2 <sup>1</sup> / <sub>2</sub> ,3	②	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	168	15	(2)14 x 20 x 1
ADH1C085A9481C	4	76,000	95.0	2 <sup>1</sup> / <sub>2</sub> ,3	②	40 x 21 x 28	185	20	(2)16 x 20 x 1
ADH1D110A9601C	5	104,500	95.0	2 <sup>1</sup> / <sub>2</sub> ,3	②	40 x 24 <sup>1</sup> / <sub>2</sub> x 28	206	20	(2)16 x 20 x 1

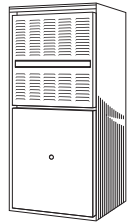
① Isolated Combustion System. AFUE may vary based on poise.

② Silicon Nitride Igniter.

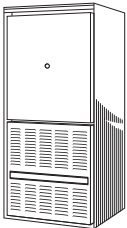
\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

\*\* Filters are not shipped with furnace. For Upflow furnaces, the size is for a bottom return filter.

# American Standard 92 – Single Stage



**American Standard 92 Upflow**



**American Standard 92 Downflow**

**Table FUR-7-A — Direct/Non-Direct Vent, Upflow/Horizontal Left Condensing Gas Furnace (115/1/60)**

Unit Model No.	Airflow In Tons	Nominal Output (Btuh)	ICS <sup>①</sup> AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter** Sizes
AUC1B040A9241A	2	37,000	92.1 / 91.3	2, 2 1/2, 3	Silicon Nitride	40 x 17 1/2 x 28	139	15	17 x 25 x 1
AUC1B060A9361A	3	56,000	92.1 / 91.3	2, 2 1/2, 3	Silicon Nitride	40 x 17 1/2 x 28	150	15	17 x 25 x 1
AUC1B080A9421A	3 1/2	74,000	92.1 / 91.3	2, 2 1/2, 3	Silicon Nitride	40 x 17 1/2 x 28	158	15	17 x 25 x 1
AUC1C100A9481A	4	94,000	92.1 / 91.3	2 1/2, 3	Silicon Nitride	40 x 21 x 28	171	20	20 x 25 x 1
AUC1D100A9601A	5	93,000	92.1 / 91.3	2 1/2, 3	Silicon Nitride	40 x 24 1/2 x 28	197	20	24 x 25 x 1
AUC1D120A9601A	5	113,000	92.1 / 91.3	2 1/2, 3	Silicon Nitride	40 x 24 1/2 x 28	205	20	24 x 25 x 1

**Table FUR-7-B — Direct/Non-Direct Vent, Downflow/Horizontal Right Condensing Gas Furnace (115/1/60)**

Unit Model No.	Airflow In Tons	Nominal Output (Btuh)	ICS <sup>①</sup> AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter** Sizes
ADC1B040A9241A	2	37,000	92.1	2, 2 1/2, 3	Silicon Nitride	40 x 17 1/2 x 28	145	15	(2) 14 x 20 x 1
ADC1B060A9361A	3	56,000	92.1	2, 2 1/2, 3	Silicon Nitride	40 x 17 1/2 x 28	155	15	(2) 14 x 20 x 1
ADC1B080A9421A	3 1/2	74,000	92.1	2, 2 1/2, 3	Silicon Nitride	40 x 17 1/2 x 28	168	15	(2) 14 x 20 x 1
ADC1C100A9481A	4	93,000	92.1	2 1/2, 3	Silicon Nitride	40 x 21 x 28	185	20	(2) 16 x 20 x 1
ADC1D120A9601A	5	112,000	92.1	2 1/2, 3	Silicon Nitride	40 x 24 1/2 x 28	206	20	(2) 16 x 20 x 1

① Isolated Combustion System. AFUE may vary based on poise.

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

\*\* Filters are not shipped with furnace. For Upflow furnaces, the size is for a bottom return filter.

Read Only

Furnaces

# Platinum 95, Gold 95v, Silver 95, Silver 95h, and American Standard 92 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-8-A — Features**

	AUHM ADHM Modulating 1 or 2 Pipe Variable Speed	AUH2 ADH2 2 Stage 1 or 2 Pipe Variable Speed	AUH1-H ADH1-H 1 Stage 1 or 2 Pipe	AUH1 ADH1 1 Stage 1 or 2 Pipe	AUC1 AUC1/ADC1 1 Stage 1 or 2 Pipe
• <b>Comfort-R™</b> enhanced mode (cooling).....	✓	✓	—	—	—
• <b>AccuLink™ II</b> system②.....	✓	—	—	—	—
• Meets requirements for 2% or less air leakage.....	✓	✓	✓	✓	—
• Adjustable heating fan off timing.....	✓	✓	✓	✓	✓
• Alternate bottom/left/right return air (upflow models only).....	✓	✓	✓	✓	✓
• Blower door safety switch.....	✓	✓	✓	✓	✓
• Bottom panel (upflow models only).....	✓	✓	✓	✓	✓
• Cleanable/Reusable high velocity filters.....	✓	✓	—	—	—
• Complete front service access.....	✓	✓	✓	✓	✓
• Direct drive, multi-speed (PSC) blower motor.....	—	—	—	✓	✓
• Direct drive, multi-speed ECM blower motor (high efficiency)*.....	—	—	✓	—	—
• Direct drive, variable speed ECM blower motor**.....	✓	—	—	—	—
• Downflow horizontal right (downflow models only).....	✓	✓	✓	✓	✓
• Dual PVC pipe venting (1 or 2 pipe option).....	✓	✓	✓	✓	✓
• Two stage combination gas valve and regulator.....	—	—	—	—	—
• One stage combination gas valve and regulator.....	—	—	—	✓	✓
• Modulating gas valve and regulator.....	✓	—	—	—	—
• Gasketed blower door (upflow models only).....	✓	✓	✓	✓	—
• Heavy gauge reinforced wrap-around steel cabinet.....	✓	✓	✓	✓	✓
• Humidifier/EAC hook-up capability.....	✓	✓	✓	✓	—
• Inner blower door panel (downflow models only).....	✓	✓	✓	✓	✓
• Insulated blower compartment 4 sides.....	✓	✓	✓	✓	—
• Integrated solid state control w/self diagnostics.....	✓	✓	—	—	—
• Left/right condensate drain capability in vertical application.....	✓	—	✓	✓	✓
• Service diagnostics with faults reported at the user interface.....	✓	—	—	—	—
• Lite Port™/Stored diagnostics.....	✓	—	—	—	—
• Manual reset flame roll out switches.....	✓	✓	✓	✓	✓
• Mobile home approved w/BAYMFGH100A.....	—	—	✓	✓	✓
• Multi-port in shot burners.....	✓	—	✓	✓	✓
• Painted cabinet single color.....	—	—	—	—	—
• Painted cabinet two tone color.....	—	—	—	—	—
• Service diagnostic capabilities.....	✓	✓	✓	✓	—
• Side return duct starter tabs (upflow models only).....	✓	✓	✓	✓	✓
• Silicon Nitride hot surface igniter.....	✓	✓	✓	✓	✓
• Single wire twinning.....	—	—	✓	✓	—
• Slide out blower assembly.....	✓	✓	✓	✓	✓
• Solid burner door (quiet operation).....	✓	✓	✓	✓	—
• 20 gauge aluminized steel heat exchanger.....	✓	✓	✓	✓	✓
• 24 volt secondary fuse.....	✓	✓	✓	✓	✓
• Multiple heating blower speeds.....	✓	✓	✓	—	—
• Type 29-4C™ stainless steel secondary heat exchanger.....	✓	✓	✓	✓	✓
• Upflow horizontal left (upflow models only).....	✓	✓	✓	✓	✓
• Variable speed venter motor.....	✓	✓	—	—	—
• <b>Registered limited lifetime heat exchanger warranty &amp; 10-year on all other functional parts (Residential Use)①.....</b>	✓	✓	✓	✓	✓
• <b>Optional extended warranties available.....</b>	✓	✓	✓	✓	✓

Note: Variable speed furnaces should not be twinned and are not approved for twinning applications.

① Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at americanstandardair.com or by phone at 800-554-8005; otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.

② Field configurable to 24V non-communicating mode.

\*Constant torque ECM (electronically commutated motor).

\*\*Constant airflow ECM (electronically commutated motor).

Furnaces

# Platinum 95, Gold 95v, Silver 95, Silver 95h, and American Standard 92 Convertible Gas Furnace

**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-9-A — Optional Accessories**

Model Number	Description	Shipping Weight	AUHM/ADHM Modulating 1 or 2 Pipe Variable Speed	AUH2/ADH2 2 Stage 1 or 2 Pipe Variable Speed
BAYBASE205	Downflow subbase for downflow models only	8	✓	✓
BAYFLTR200	External side filter rack	5	✓	✓
BAYFLTR203	Filter kit horiz conversion for 17.5" cabinet	3	✓	✓
BAYFLTR204	Filter kit horiz conversion for 21" cabinet	3	✓	✓
BAYFLTR205	Filter kit horiz conversion for 24.5" cabinet	3	✓	✓
BAYFLTR317 <sup>①</sup>	Cleanable filter for 17.5" cabinet upflow only	2	✓	✓
BAYFLTR321 <sup>①</sup>	Cleanable filter for 21" cabinet upflow only	2	✓	✓
BAYFLTR324 <sup>①</sup>	Cleanable filter for 24.5" cabinet upflow only	2	✓	✓
BAYLPKT210B	Propane conversion kit	1	—	—
BAYLPKT220B	Propane conversion kit	2	✓	—
BAYLPSS210B	LP Kit with Stainless Steel Burners	1	—	—
BAYLPSS220B	LP Kit with Stainless Steel Burners	2	✓	—
BAYMFGH100A	Manufactured/mobil home kit	2	—	—
BAYRACK960A	Filter rack kit for upflow models only (internal) <sup>②</sup>	5	✓	✓ <sup>③</sup>
BAYAIR30AVENTA	Concentric vent kit for 2, 2½ and 3" ven system	11	✓	✓
BAYVENT200B	Sidewall vent Termination Kit fo Direct vent furnaces	2	✓	✓
BAYVENT500A	Side vent kit for downflow models only	3	✓	✓
BAYACCECOMM101	AccuClean™ hookup kit for communicating furnaces	1	✓	—

① Contains one (1) high velocity filter.

② Internal filter rack for side or bottom return air. Includes 17 x 25" cleanable filter for use in side return applications. Bottom return applications require different sizes of filters which are not included. Airflow requirements over 1800 CFM require filters on both sides or a side and bottom or bottom only.

③ BAYRACK960 not allowed on right side return on AUH2B080A9V4V\*\* models.

Note: Variable speed 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-9-B — Optional Accessories**

Model Number	Description	Shipping Weight	AUH1-H/ ADH1-H 2 Stage 1 or 2 Pipe	AUH1/ADH1/ AUX1/ADX1 1 Stage 1 or 2 Pipe	AUC1/ADC1 1 Stage 1 or 2 Pipe
BAYBASE205	Downflow subbase for downflow models only	8	✓	✓	✓
BAYFLTR200	External side filter rack	5	✓	✓	✓
BAYFLTR203	Filter kit horiz conversion for 17.5" cabinet	3	✓	✓	✓
BAYFLTR204	Filter kit horiz conversion for 21" cabinet	3	✓	✓	✓
BAYFLTR205	Filter kit horiz conversion for 24.5" cabinet	3	✓	✓	✓
BAYFLTR206	Filter access door kit (Downflow only)	2	—	✓	✓
BAYFLTR317 <sup>①</sup>	Cleanable filter for 17.5" cabinet upflow only	2	✓	✓	✓
BAYFLTR321 <sup>①</sup>	Cleanable filter for 21" cabinet upflow only	2	✓	✓	✓
BAYFLTR324 <sup>①</sup>	Cleanable filter for 24.5" cabinet upflow only	2	✓	✓	✓
BAYLPKT210B	Propane conversion kit	1	✓	✓	✓
BAYLPSS210B	LP Kit with Stainless Steel Burners	1	✓	✓	✓
BAYMFGH100A	Manufactured/mobil home kit	2	✓	✓	✓
BAYRACK960A	Filter rack kit for upflow models only (internal) <sup>②</sup>	5	✓	✓	✓
BAYAIR30AVENTA	Concentric vent kit for 2, 2½ and 3" vent system	11	✓	✓	✓
BAYVENT200B	Sidewall vent Termination Kit fo Direct vent furnaces	2	✓	✓	✓
BAYVENT500A	Side vent kit for downflow models only	3	✓	✓	✓

Note: Variable speed furnaces should not be twinned and are not approved for twinning applications.

① Contains one (1) high velocity filter.

② Internal filter rack for side or bottom return air. Includes 17 x 25" cleanable filter for use in side return applications. Bottom return applications require different sizes of filters which are not included. Airflow requirements over 1800 CFM require filters on both sides or a side and bottom or bottom only.

# Special Use Furnace Accessories

Furnaces

**Table FUR-10-A — High Altitude Pressure Switch 90%**

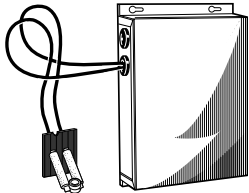
Model Number	Description	Used With	Shipping Weight
BAYHALT225	1 Switch	AUC080,100C948,120C,ADC080,120C	2
BAYHALT226	1 Switch	AUC,ADC060C	2
BAYHALT227	1 Switch	AUC100C948	2
BAYHALT228	1 Switch	AUC/ADC040C	2
BAYHALT230	1 Switch	AUX/ADX040C,AUX1B040,D100/ADX1B040	2
BAYHALT231	1 Switch	AUX060C,AUX1060C	2
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
BAYHALT248	1 Switch	AUD1/ADD1,AUE1/ADE	2
BAYHALT249	1 Switch	AUD2,AUD-R-K,ADD-R-F,ADD2	2

**Table FUR-10-B — High Altitude Pressure Switch 90%**

Model Number	Description	Used With	Shipping Weight
BAYSWT01AHALTA	1 Switch	AUC1B040,AUC1D100,ADC1B040,AUX1B040,AUX1D100,ADX1B040,AUH1B040,ADH1B040,ADH1C085	2
BAYSWT02AHALTA	1 Switch	AUC1B060,AUX1B060	2
BAYSWT03AHALTA	1 Switch	AUC1B080,AUX1B080	2
BAYSWT04AHALTA	1 Switch	AUC1C100,AUC1D120,ADC1B080,ADC1C100,ADC1D120,AUX1C100,AUX1D120,ADX1B080,ADX1D120,AUH1B060,AUH1D100,AUH1D120	2
BAYSWT05AHALTA	1 Switch	ADX1C100,AUH1B080,AUH1C100,ADH1D110	2
BAYSWT06AHALTA	1 Switch	ADC1B060,ADX1B060	2
BAYSWT07AHALTA	1 Switch	AUH3/AUHMB060,ADH3/ADHMB060,AUX2B060,ADX2B060,AUY060R,ADY060R	2
BAYSWT08AHALTA	1 Switch	AUX2B080,AUX2C100,ADX2B080,ADX2C100,AUY120R,ADY120R,AUH2B080,ADH2B080,AUH2C100,ADH2C100,AUH2D120,ADH2D120,AUH3/AUHMD120,ADH3/ADHMD120	2
BAYSWT09AHALTA	1 Switch	AUX2D120,ADX2D120,AUY080R,ADY080R,AUY100R,ADY100R,AUH3/AUHMB080,ADH3/ADHMB080,AUH3/AUHMC100,ADH/ADHM3C100	2
BAYSWT10AHALTA	1 Switch	AUH2B060A,ADH2B060A	2
BAYSWT11AHALTA	1 Switch	AUH1C080	2
BAYSWT12AHALTA	1 Switch	ADH1B065	2
BAYSWT01AMALTB	1 Switch	AUX1	2

The following changes occurred beginning with serial number 6151:

1. All 2 stage furnace changed from two separate pressure switches to one piggy back switch.
2. The high altitude pressure switches are now piggy back.
3. The new piggy back switches are not interchangeable with the original two switch design.
4. The pressure switch mounting plate is different for the piggy back switches.



Bonnet TAYPLUS103A Switch

**Table FUR-10-C — Dual Fuel Heat Pump Control Kit<sup>①②</sup>**

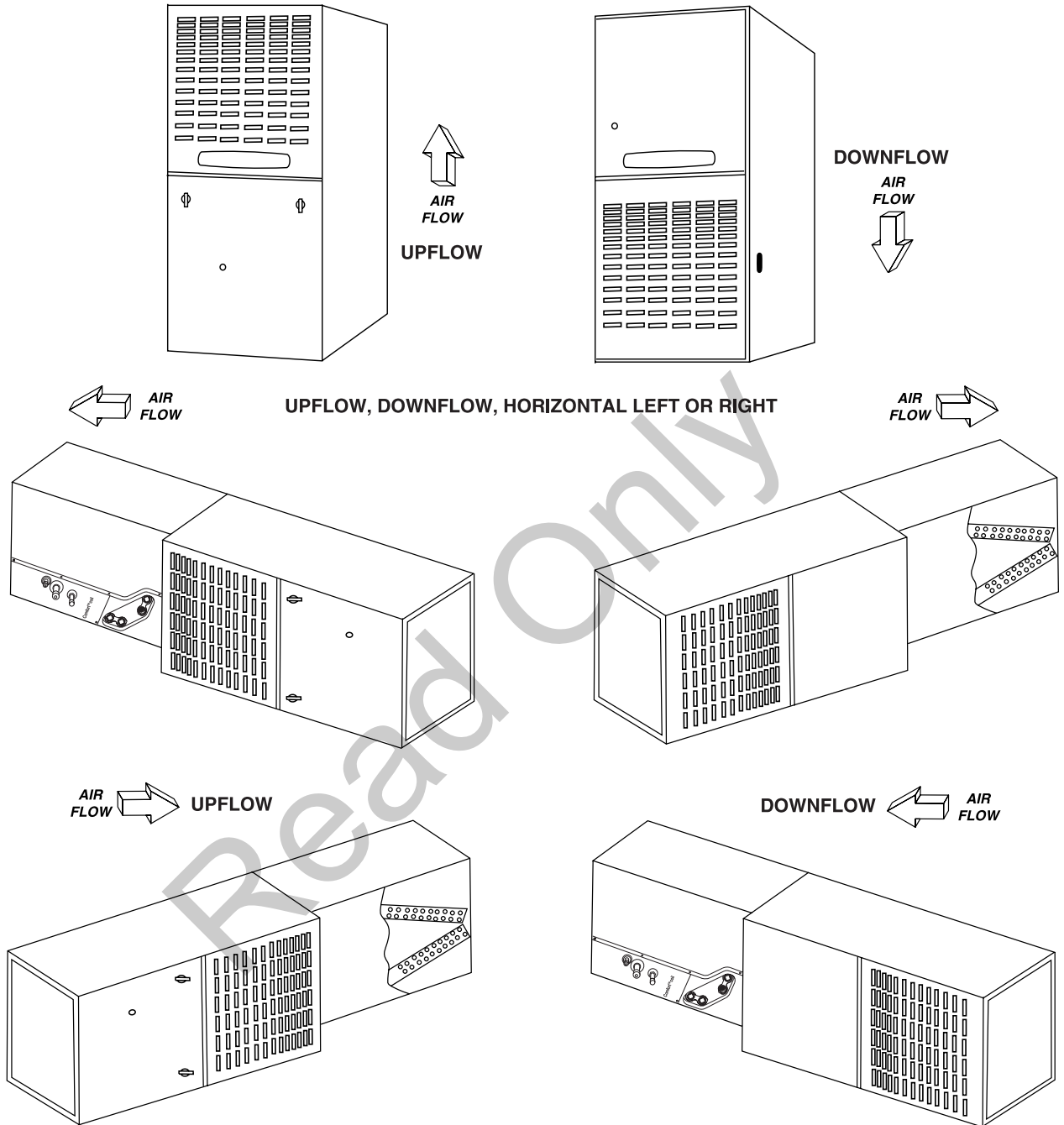
Model Number	Case Height	Used With
TAYPLUS103A.....	Heat Pump Control Kit.....	Gas, LP., Oil and Electric Furnaces
TAYSTAT250B.....	Outdoor Thermostat.....	TAYPLUS103A for Restricted Mode

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).



# Platinum 80, Gold 80v, Gold 80, Silver 80h, Silver 80, and American Standard 80 Gas Furnaces Airflow Directions

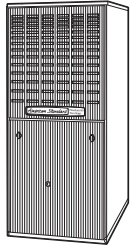


Furnaces

**Note:** The non-condensing, forty inch (40") height furnaces may be laid on either side for horizontal application. Connection brackets for coil/furnace alignment are included with the furnaces. The apex of the coil may point into or away from the airflow.



# Platinum 80 – Communicating Two Stage ECM Variable Speed



**Platinum 80  
Upflow**

**Table FUR-12-A — Upflow/Horizontal Left or Right Induced Draft Gas Furnace (115/1/60) ①②**

Unit Model No.	Airflow In Tons	Output (Btuh)		ICS <sup>③</sup> 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							
AUD2B060ACV32B	3	48,000	31,200	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	136	15	17 x 25 x 1
AUD2B080ACV32B	3	64,000	41,600	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	142	15	17 x 25 x 1
AUD2C080ACV42B	4	64,000	41,600	80.0	4	Silicon Nitride	40 x 21 x 28	155	15	17 x 25 x 1
AUD2B100ACV32B	3	80,000	52,000	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	148	15	17 x 25 x 1
AUD2C100ACV52B	5	79,000	52,000	80.0	4	Silicon Nitride	40 x 21 x 28	175	15	20 x 25 x 1
AUD2D120ACV52B	5	97,000	62,400	80.0	4	Silicon Nitride	40 x 24 1/2 x 28	193	15	24 x 25 x 1
AUD2D140ACV52B	5	111,000	72,800	80.0	4	Silicon Nitride	40 x 24 1/2 x 28	197	15	24 x 25 x 1



**Platinum 80  
Downflow**

**Table FUR-12-B — Downflow/Horizontal Left or Right Induced Draft Gas Furnace (115/1/60) ①②**

Unit Model No.	Airflow In Tons	Output (Btuh)		ICS <sup>③</sup> 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							
ADD2B060ACV32B	3	48,000	31,200	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	140	15 (2)	14 x 20 x 1
ADD2B080ACV32B	3	63,000	41,600	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	146	15 (2)	14 x 20 x 1
ADD2C100ACV52B	5	81,000	52,000	80.0	4	Silicon Nitride	40 x 21 x 28	166	15 (2)	16 x 20 x 1
ADD2D120ACV52B	5	95,000	62,400	80.0	4	Silicon Nitride	40 x 24 1/2 x 28	197	15 (2)	16 x 20 x 1

Note: Variable speed furnaces should not be twinned and are not approved for twinning applications.

① Must use communicating thermostat with AccuLink™ II control.

② Field convertible to 24V non-communicating.

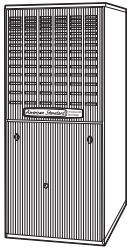
③ Isolated Combustion System.

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

\*\* For Upflow furnaces, the size is for a bottom return filter.

Furnaces

# Gold 80v – Two Stage ECM Variable Speed



**Gold 80v  
Upflow**

**Table FUR-12-C — Upflow/Horizontal Left or Right Induced Draft Gas Furnace (115/1/60) ②**

Unit Model No.	Airflow In Tons	Output (Btuh)		ICS <sup>③</sup> 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							
AUD2B060A9V3VB	3	48,000	31,200	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	136	15	17 x 25 x 1
AUD2B080A9V3VB	3	64,000	41,600	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	142	15	17 x 25 x 1
AUD2C080A9V4VB	4	64,000	41,600	80.0	4	Silicon Nitride	40 x 21 x 28	166	15	17 x 25 x 1
AUD2C080B9V4VB ①	4	64,000	41,600	80.0	4	Silicon Nitride	40 x 21 x 28	166	15	17 x 25 x 1
AUD2B100A9V3VB	3	80,000	52,000	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	142	15	17 x 25 x 1
AUD2C100A9V5VB	5	79,000	52,000	80.0	4	Silicon Nitride	40 x 21 x 28	166	20	20 x 25 x 1
AUD2C100B9V5VB ①	5	79,000	52,000	80.0	4	Silicon Nitride	40 x 21 x 28	166	20	20 x 25 x 1
AUD2D120A9V5VB	5	97,000	62,400	80.0	4	Silicon Nitride	40 x 24 1/2 x 28	193	20	24 x 25 x 1
AUD2D120B9V5VB ①	5	97,000	62,400	80.0	4	Silicon Nitride	40 x 24 1/2 x 28	193	20	24 x 25 x 1
AUD2D140A9V5VB	5	111,000	72,800	80.0	4	Silicon Nitride	40 x 24 1/2 x 28	197	20	24 x 25 x 1

**Table FUR-12-D — Downflow/Horizontal Left or Right Induced Draft Gas Furnace (115/1/60) ②**

Unit Model No.	Airflow In Tons	Output (Btuh)		ICS <sup>③</sup> 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							
ADD2B060A9V3VA	3	48,000	31,200	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	140	15 (2)	14 x 20 x 1
ADD2B080A9V3VA	3	63,000	41,600	80.0	4	Silicon Nitride	40 x 17 1/2 x 28	146	15 (2)	14 x 20 x 1
ADD2C100A9V5VA	5	81,000	52,000	80.0	4	Silicon Nitride	40 x 21 x 28	166	20 (2)	16 x 20 x 1
ADD2D120A9V5VA	5	95,000	62,400	80.0	4	Silicon Nitride	40 x 24 1/2 x 28	197	20 (2)	16 x 20 x 1

Note: Variable speed furnaces should not be twinned and are not approved for twinning applications.

① Model has high efficiency blower assembly.

② This furnace family uses a two speed draft inducer.

③ Isolated Combustion System.

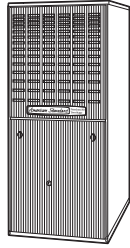
\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

\*\* For Upflow furnaces, the size is for a bottom return filter.



**Gold 80v  
Downflow**

# Gold 80 – Two Stage



**Gold 80  
Upflow**

**Table FUR-13-A — Upflow/Horizontal, Left or Right Induced Draft Gas Furnace (115/1/60)**

Unit Model No.	Airflow In Tons	Output (Btuh) Stage 2	Output (Btuh) Stage 1	ICS <sup>①</sup> AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
AUD2A040A9242A	2	32,000	20,800	80.0	4	Silicon Nitride	40 x 14½ x 28	119	15	17 x 25 x 1
AUD2A060A9362A	3	47,000	31,200	80.0	4	Silicon Nitride	40 x 14½ x 28	127	15	17 x 25 x 1
AUD2B060A9362A	3	47,000	31,200	80.0	4	Silicon Nitride	40 x 17½ x 28	132	15	17 x 25 x 1
AUD2B080A9362A	3	63,000	41,600	80.0	4	Silicon Nitride	40 x 17½ x 28	142	15	17 x 25 x 1
AUD2B080A9482A	4	63,000	41,600	80.0	4	Silicon Nitride	40 x 17½ x 28	142	15	17 x 25 x 1
AUD2B100A9362A	3	79,000	52,000	80.0	4	Silicon Nitride	40 x 17½ x 28	151	15	17 x 25 x 1
AUD2C100A9482A	4	79,000	52,000	80.0	4	Silicon Nitride	40 x 21 x 28	162	15	20 x 25 x 1
AUD2C100A9602A	5	80,000	52,000	80.0	4	Silicon Nitride	40 x 21 x 28	162	20	20 x 25 x 1
AUD2D100A9602A	5	80,000	52,000	80.0	4	Silicon Nitride	40 x 24½ x 28	175	20	24 x 25 x 1
AUD2C120A9542A	4.5	95,000	62,400	80.0	4	Silicon Nitride	40 x 21 x 28	176	20	20 x 25 x 1
AUD2D120A9602A	5	95,000	62,400	80.0	4	Silicon Nitride	40 x 24½ x 28	186	20	24 x 25 x 1
AUD2D140A9602A	5	112,000	72,800	80.0	4	Silicon Nitride	40 x 24½ x 28	192	20	24 x 25 x 1



**Gold 80  
Downflow**

**Table FUR-13-B — Downflow/Horizontal Left or Right Induced Draft (115/1/60)**

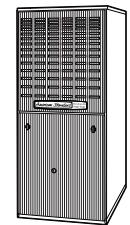
Unit Model No.	Airflow In Tons	Output (Btuh) Stage 2	Output (Btuh) Stage 1	ICS <sup>①</sup> AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter** Sizes
ADD2A040A9242A	2	32,000	20,800	80.0	4	Silicon Nitride	40 x 14½ x 28	125	15 (2)	14 x 20 x 1
ADD2A060A9362A	3	47,000	31,200	80.0	4	Silicon Nitride	40 x 14½ x 28	135	15 (2)	14 x 20 x 1
ADD2B060A9362A	3	48,000	31,200	80.0	4	Silicon Nitride	40 x 17½ x 28	140	15 (2)	14 x 20 x 1
ADD2B080A9362A	3	64,000	41,600	80.0	4	Silicon Nitride	40 x 17½ x 28	152	15 (2)	14 x 20 x 1
ADD2B100A9482A	4	79,000	52,000	80.0	4	Silicon Nitride	40 x 17½ x 28	157	15 (2)	14 x 20 x 1
ADD2C100A9482A	4	79,000	52,000	80.0	4	Silicon Nitride	40 x 21 x 28	166	15 (2)	16 x 20 x 1
ADD2C100A9602A	5	79,000	52,000	80.0	4	Silicon Nitride	40 x 21 x 28	168	20 (2)	16 x 20 x 1
ADD2D120A9602A	5	94,000	62,400	80.0	4	Silicon Nitride	40 x 24½ x 28	189	20 (2)	16 x 20 x 1
ADD2D140A9602A	5	112,000	72,800	80.0	4	Silicon Nitride	40 x 24½ x 28	196	20 (2)	16 x 20 x 1

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. For Upflow furnaces, the size is for a bottom return filter.

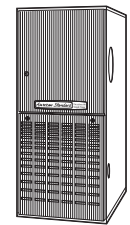
# Silver 80h – Single Stage with ECM Multi-Speed Motor



**Silver 80h  
Upflow**

**Table FUR-13-C — Upflow Horizontal, Left or Right Induced Draft Gas Furnace (115/1/60)**

Unit Model No.	Airflow In Tons	Nominal Output (Btuh)	ICS <sup>①</sup> AFUE	Flue Size (in.)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
AUD1A040A9H21B	2	32,000	80.0	4	Silicon Nitride	40 x 14½ x 28	119	15	17 x 25 x 1
AUD1B060A9H31B	3	47,000	80.0	4	Silicon Nitride	40 x 17½ x 28	127	15	17 x 25 x 1
AUD1B080A9H31B	3	63,000	80.0	4	Silicon Nitride	40 x 17½ x 28	142	15	17 x 25 x 1
AUD1C080A9H41B	4	64,000	80.0	4	Silicon Nitride	40 x 21 x 28	142	15	20 x 25 x 1
AUD1B100A9H31B	3	79,000	80.0	4	Silicon Nitride	40 x 17½ x 28	151	15	17 x 25 x 1
AUD1C100A9H51B	5	79,000	80.0	4	Silicon Nitride	40 x 21 x 28	162	20	20 x 25 x 1
AUD1D120A9H51B	5	96,000	80.0	4	Silicon Nitride	40 x 24½ x 28	186	20	24 x 25 x 1
AUD1D140A9H51B	5	111,000	80.0	4	Silicon Nitride	40 x 24½ x 28	193	20	24 x 25 x 1



**Silver 80h  
Downflow**

**Table FUR-13-D — Downflow Horizontal, Left or Right Induced Draft Gas Furnace (115/1/60)**

Unit Model No.	Airflow In Tons	Nominal Output (Btuh)	ICS <sup>①</sup> AFUE	Flue Size (in.)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes
ADD1B060A9H31B	3	48,000	80.0	4	Silicon Nitride	40 x 17½ x 28	129	15 (2)	14 x 20 x 1
ADD1B080A9H31B	3	64,000	80.0	4	Silicon Nitride	40 x 17½ x 28	146	15 (2)	14 x 20 x 1
ADD1C100A9H51B	5	81,000	80.0	4	Silicon Nitride	40 x 21 x 28	167	20 (2)	16 x 20 x 1
ADD1D120A9H51B	5	96,000	80.0	4	Silicon Nitride	40 x 24½ x 28	189	20 (2)	16 x 20 x 1

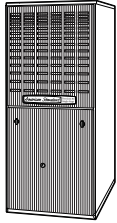
Note: Silver 80h furnaces have constant torque ECM motors

① Isolated Combustion System.

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

\*\* For Upflow furnaces, the size is for a bottom return filter.

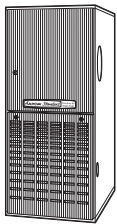
# Silver 80 – Single Stage



**Silver 80  
Upflow**

**Table FUR-14-A — Upflow/Horizontal Left or Right Induced Draft 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
AUD1A040A9241B	2	32,000	80.0	4	Silicon Nitride	40 x 14½ x 28	119	15	17 x 25 x 1
AUD1A040A9301B	2½	32,000	80.0	4	Silicon Nitride	40 x 14½ x 28	122	15	17 x 25 x 1
AUD1A060A9241B	2	47,000	80.0	4	Silicon Nitride	40 x 14½ x 28	124	15	17 x 25 x 1
AUD1A060A9361B	3	47,000	80.0	4	Silicon Nitride	40 x 14½ x 28	127	15	17 x 25 x 1
AUD1B060A9361B	3	47,000	80.0	4	Silicon Nitride	40 x 17½ x 28	132	15	17 x 25 x 1
AUD1B080A9241B	2	64,000	80.0	4	Silicon Nitride	40 x 17½ x 28	139	15	17 x 25 x 1
AUD1B080A9361B	3	63,000	80.0	4	Silicon Nitride	40 x 17½ x 28	142	15	17 x 25 x 1
AUD1B080A9481B	4	64,000	80.0	4	Silicon Nitride	40 x 17½ x 28	142	15	17 x 25 x 1
AUD1C080A9601B	5	64,000	80.0	4	Silicon Nitride	40 x 21 x 28	154	20	20 x 25 x 1
AUD1B100A9361B	3	79,000	80.0	4	Silicon Nitride	40 x 17½ x 28	151	15	17 x 25 x 1
AUD1B100A9451B	4	80,000	80.0	4	Silicon Nitride	40 x 17½ x 28	153	15	17 x 25 x 1
AUD1C100A9481B	4	79,000	80.0	4	Silicon Nitride	40 x 21 x 28	162	15	20 x 25 x 1
AUD1C100A9601B	5	79,000	80.0	4	Silicon Nitride	40 x 21 x 28	162	20	20 x 25 x 1
AUD1D100A9721B	6	80,000	80.0	4	Silicon Nitride	40 x 24½ x 28	175	20	24 x 25 x 1
AUD1C120A9541B	5	96,000	80.0	4	Silicon Nitride	40 x 21 x 28	176	20	20 x 25 x 1
AUD1D120A9601B	5	96,000	80.0	4	Silicon Nitride	40 x 24½ x 28	186	20	24 x 25 x 1
AUD1D140A9601B	5	111,000	80.0	4	Silicon Nitride	40 x 24½ x 28	193	20	24 x 25 x 1



**Silver 80  
Downflow**

**Table FUR-14-B — Downflow/Horizontal Left or Right Induced Draft Gas Furnace (115/1/60)**

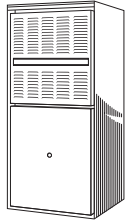
Unit Model No.	Airflow In Tons	Nominal Output (Btuh)	ICS <sup>Ⓞ</sup> AFUE	Flue Size (in.)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter** Sizes
ADD1A060A9241B	2	48,000	80.0	4	Silicon Nitride	40 x 14½ x 28	129	15	(2) 14 x 20 x 1
ADD1A060A9361B	3	48,000	80.0	4	Silicon Nitride	40 x 14½ x 28	129	15	(2) 14 x 20 x 1
ADD1B060A9361B	3	48,000	80.0	4	Silicon Nitride	40 x 17½ x 28	134	15	(2) 14 x 20 x 1
ADD1B080A9361B	3	64,000	80.0	4	Silicon Nitride	40 x 17½ x 28	146	15	(2) 14 x 20 x 1
ADD1B080A9451B	4	64,000	80.0	4	Silicon Nitride	40 x 17½ x 28	146	15	(2) 14 x 20 x 1
ADD1B100A9451B	4	80,000	80.0	4	Silicon Nitride	40 x 17½ x 28	156	15	(2) 14 x 20 x 1
ADD1C100A9481B	4	80,000	80.0	4	Silicon Nitride	40 x 21 x 28	166	15	(2) 16 x 20 x 1
ADD1C100A9541B	5	81,000	80.0	4	Silicon Nitride	40 x 21 x 28	167	20	(2) 16 x 20 x 1
ADD1C120A9541B	5	96,000	80.0	4	Silicon Nitride	40 x 21 x 28	177	20	(2) 16 x 20 x 1
ADD1D120A9601B	5	96,000	80.0	4	Silicon Nitride	40 x 24½ x 28	189	20	(2) 16 x 20 x 1
ADD1D140A9601B	5	113,000	80.0	4	Silicon Nitride	40 x 24½ x 28	196	20	(2) 16 x 20 x 1

Ⓞ Isolated Combustion System.

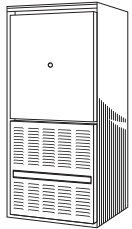
\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

\*\* Filters are not shipped with furnace. For Upflow furnaces, the size is for a bottom return filter.

# American Standard 80 – Single Stage



**American Standard 80 Upflow**



**American Standard 80 Downflow**

**Table FUR-15-A — Upflow/Horizontal Left or Right Induced Draft Gas Furnace (115/1/60)**

Unit Model No.	Airflow In Tons	Nominal Output (Btuh)	ICS <sup>①</sup> AFUE	Flue Size (in.)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter** Sizes
AUE1A040A9241A	2	31,000	80.0	4	Silicon Nitride	40 x 14 <sup>1</sup> / <sub>2</sub> x 28	119	15	16 x 25 x 1
AUE1A060A9241A	2	47,000	80.0	4	Silicon Nitride	40 x 14 <sup>1</sup> / <sub>2</sub> x 28	124	15	16 x 25 x 1
AUE1A060A9361A	3	47,000	80.0	4	Silicon Nitride	40 x 14 <sup>1</sup> / <sub>2</sub> x 28	127	15	16 x 25 x 1
AUE1B060A9361A	3	47,000	80.0	4	Silicon Nitride	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	132	15	17 x 25 x 1
AUE1B080A9361A	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
AUE1B080A9481A	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
AUE1B100A9361A	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
AUE1C100A9481A	4	79,000	80.0	4	Silicon Nitride	40 x 21 x 28	162	15	20 x 25 x 1
AUE1C100A9601A	5	79,000	80.0	4	Silicon Nitride	40 x 21 x 28	162	20	20 x 25 x 1
AUE1D120A9601A	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
AUE1D140A9601A	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-15-B — Downflow/Horizontal Left or Right Induced Draft Gas Furnace (115/1/60)**

Unit Model No.	Airflow In Tons	Nominal Output (Btuh)	ICS <sup>①</sup> AFUE	Flue Size (in.)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter** Sizes
ADE1A060A9361A	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
ADE1B060A9361A	3	48,000	80.0	4	Silicon Nitride	40 x 17 <sup>1</sup> / <sub>2</sub> x 28	134	15 (2)	14 x 20 x 1
ADE1B080A9451A	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
ADE1B100A9451A	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
ADE1C100A9601A	5	81,000	80.0	4	Silicon Nitride	40 x 21 x 28	167	20 (2)	16 x 20 x 1
ADE1D120A9601A	5	96,000	80.0	4	Silicon Nitride	40 x 24 <sup>1</sup> / <sub>2</sub> x 28	189	20 (2)	16 x 20 x 1

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. For Upflow furnaces, the size is for a bottom return filter.

Read

Furnaces

# Platinum 80, Gold 80v, Gold 80, Silver 80h, Silver 80, and American Standard 80 Convertible Gas Furnaces

Furnaces

**Table FUR-16-A — Features**

	AUD2-ACV/ ADD2-ACV 2 Stage 1 or 2 Pipe ②	AUD2-9V ADD2-9V 2 Stage ②	AUD2/ ADD2 2 Stage	AUD1-H/ ADD1-H 1 Stage High Efficiency	AUD1/ ADD1 1 Stage	AUE1/ ADE1 1 Stage
• <b>Comfort-R™</b> enhanced mode (cooling).....	✓	✓	—	—	—	—
• <b>AccuLink™</b> system.....	✓	—	—	—	—	—
• Can be connected in communicating or 24V non-communicating modes.....	✓	—	—	—	—	—
• User interface for system configuration - Easy to use navigation buttons and plain text for clear description of features.....	✓	✓	—	✓	✓	—
• Meets requirements for 2% or less air leakage.....	✓	—	—	—	✓	—
• Adjustable heating fan off timing.....	✓	✓	✓	✓	✓	✓
• Alternate bottom/left/right return air (upflow models only).....	✓	✓	✓	✓	✓	✓
• Attractive color accents.....	✓	✓	✓	✓	✓	—
• Blower door safety switch.....	✓	✓	✓	✓	✓	✓
• Bottom Panel (upflow models only).....	✓	✓	✓	✓	✓	—
• Cleanable/reusable high velocity filters.....	✓	✓	✓	✓	—	—
• Common vent capability.....	✓	✓	✓	✓	✓	✓
• Complete front service access.....	✓	✓	✓	✓	✓	✓
• Direct drive, multi-speed (PSC) blower motor.....	—	—	✓	—	✓	✓
• Direct drive, multi-speed ECM blower motor (high efficiency)*.....	—	—	—	✓	—	—
• Direct drive, variable speed ECM blower motor**.....	—	—	—	—	—	—
• Gasketed blower door.....	✓	✓	✓	✓	—	—
• Heavy gauge reinforced wrap-around steel cabinet.....	✓	✓	✓	✓	✓	✓
• Horizontal left/right without conversion required.....	✓	✓	✓	✓	✓	✓
• Humidifier/EAC hook-up capability.....	✓	✓	✓	✓	—	—
• Inner blower door panel (downflow models only).....	✓	✓	✓	✓	✓	✓
• Insulated blower compartment 4 sides (upflow models only).....	✓	✓	✓	✓	✓	—
• Integrated solid state control w/self diagnostics.....	✓	✓	✓	✓	✓	✓
• Left/right gas connection.....	✓	✓	✓	✓	✓	✓
• Manual reset flame roll out switches.....	✓	✓	✓	✓	✓	✓
• Masonry Chimney Venting w/BAYVENT800B.....	✓	✓	✓	✓	✓	✓
• Multi-port in shot burners.....	✓	✓	✓	✓	✓	✓
• Painted cabinet single color.....	—	—	—	—	—	—
• Perfect fit door latches (upflow models only).....	✓	✓	✓	✓	✓	—
• Right or left hand side knock out for venting (downflow models only).....	✓	✓	✓	✓	✓	✓
• Selectable cooling fan off delay eliminates need for time delay relay.....	③	✓	✓	✓	✓	✓
• Service diagnostic capabilities.....	✓	✓	✓	✓	✓	—
• Service diagnostics with faults reported at the user interface.....	✓	—	—	—	—	—
• Side return starter tabs (upflow models only).....	✓	✓	✓	✓	✓	✓
• Silicon Nitride hot surface igniter with adaptive heat up.....	✓	✓	✓	✓	✓	✓
• Single door filter access.....	✓	✓	✓	✓	✓	—
• Single wire twinning.....	—	—	✓	✓	✓	—
• Slide out blower assembly.....	✓	✓	✓	✓	✓	✓
• 3-way vent option on downflow models (top, right or left) (downflow models only).....	—	✓	✓	✓	✓	✓
• 20 gauge aluminized steel heat exchanger.....	—	✓	✓	✓	✓	✓
• 24 volt secondary fuse.....	—	✓	✓	✓	✓	✓
• Multiple heating blower speeds.....	✓	✓	✓	—	—	—
• Two speed venter motor.....	✓	✓	✓	—	—	—
• Two tone color.....	✓	✓	✓	—	—	—
• Two-stage gas valve.....	✓	✓	✓	—	—	—
• <b>Registered limited lifetime heat exchanger warranty and 10-year on all other functional parts (Residential Use)①</b> .....	✓	✓	—	—	—	—
• <b>Registered 20-year heat exchanger limited warranty and 10-year on all other functional parts (Residential Use)</b> .....	—	—	✓	✓	✓	✓
• <b>Optional extended warranties available</b> .....	✓	✓	✓	✓	✓	✓

Note: Variable speed furnaces should not be twinned and are not approved for twinning applications.  
 ① Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at americanstandardair.com or by phone at 800-554-8005; otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.  
 ② Variable Speed  
 ③ Selectable through thermostat  
 \*Constant torque ECM (electronically commutated motor).  
 \*\*Constant airflow ECM (electronically commutated motor).



# Platinum 80, Gold 80v, Gold 80, Silver 80h, Silver 80, and American Standard 80 Convertible Gas Furnaces

**Table FUR-17-A — Optional Accessories**

Model Number	Description	Shipping Weight	AUD2-ACV/ADD2-ACV 2 Stage Variable Speed	AUD2-9V/ ADD2-9V 2-Stg. Variable Speed
BAYBASE205	Downflow subbase for downflow models only	8	✓	✓
BAYFLTR200	Side Filter Rack (External)	5	✓	✓
BAYFLTR203	Filter kit horiz conversion for 17.5" cabinet	3	✓	✓
BAYFLTR204	Filter kit horiz conversion for 21" cabinet	3	✓	✓
BAYFLTR205	Filter kit horiz conversion or 24.5" cabinet	3	✓	✓
BAYFLTR206	Filter Access Door Kit (Downflow only)	2	✓	✓
BAYFLTR321 <sup>①</sup>	Cleanable filter for 21" cabinet upflow only	2	✓	✓
BAYFLTR324 <sup>①</sup>	Cleanable filter for 24.5" cabinet upflow only	2	✓	✓
BAYLPKT210B	Propane conversion kit	1	✓	✓
BAYLPSS210B	LP Kit with Stainless Steel Burners	1	✓	✓
BAYRACK960A <sup>②</sup>	Filter Rack Kit for upflow models only (internal)	5	✓	✓
BAYVENT800B	Masonry chimney vent kit	2	✓	✓

① Contains one (1) high velocity filter.

② Internal filter rack for side or bottom return air. Includes 17 x 25" cleanable filter for use in side return applications. Bottom return applications require different sizes of filters which are not included. Airflow requirements over 1800 CFM require filters on both sides or a side and bottom or bottom only.

**Table FUR-17-B — Optional Accessories**

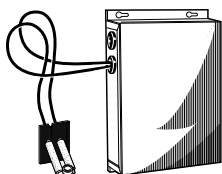
Model Number	Description	Shipping Weight	AUD2/ADD2 2 Stage	AUD1-H/ADD1-H 1 Stage High Efficiency	AUD1/ADD1 1 Stage	AUE1/ADE1 1 Stage
BAYBASE205	Downflow subbase for downflow models only	8	✓	✓	✓	✓
BAYFLTR200	Side Filter Rack (External)	5	✓	✓	✓	—
BAYFLTR203	Filter kit horiz conversion for 17.5" cabinet	3	✓	✓	✓	✓
BAYFLTR204	Filter kit horiz conversion for 21" cabinet	3	✓	✓	✓	✓
BAYFLTR205	Filter kit horiz conversion or 24.5" cabinet	3	✓	✓	✓	✓
BAYFLTR206	Filter Access Door Kit (Downflow only)	2	✓	✓	✓	✓
BAYFLTR317 <sup>①</sup>	Cleanable filter for 14.5" and 17.5" cabinet upflow only	2	✓	✓	✓	✓
BAYFLTR321 <sup>①</sup>	Cleanable filter for 21" cabinet upflow only	2	✓	✓	✓	✓
BAYFLTR324 <sup>①</sup>	Cleanable filter for 24.5" cabinet upflow only	2	✓	✓	✓	✓
BAYLPKT210B	Propane conversion kit	1	✓	✓	✓	✓
BAYLPSS210B	LP Kit with Stainless Steel Burners	1	✓	✓	✓	✓
BAYRACK960A <sup>②</sup>	Filter Rack Kit for upflow models only (internal)	5	✓	✓	✓	✓
BAYVENT800B	Masonry chimney vent kit	2	✓	✓	✓	✓

Note: Variable speed furnaces should not be twinned and are not approved for twinning applications.

① Contains one (1) high velocity filter.

② Internal filter rack for side or bottom return air. Includes 17 x 25" cleanable filter for use in side return applications. Bottom return applications require different sizes of filters which are not included. Airflow requirements over 1800 CFM require filters on both sides or a side and bottom or bottom only.

## Special Use Furnace Accessories



Bonnet Switch  
TAYPLUS103A

**Table FUR-17-C — High Altitude Pressure Switch 80%**

Model Number	Description	Used With	Shipping Weight
BAYHALT248	1 Switch	AUD1,ADD1,AUE1,ADE1	2
BAYHALT249	1 Switch	AUD-R-K,ADD-R-F,AUD2,ADD2	2

**Table FUR-17-D — Dual Fuel Heat Pump Control Kit<sup>①②</sup>**

Model Number	Case Height	Used With
TAYPLUS103A	Heat Pump Control Kit	Gas, LP, Oil and Electric Furnaces
TAYSTAT250B	Outdoor Thermostat	TAYPLUS103A for Restricted Mode

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).

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## High Efficiency Oil Furnaces

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# Ordering Information

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## Variable and Non-Variable Speed High Efficiency Oil Furnaces

American Standard Oil Furnaces are available from your local distributor.

For availability and support, contact your local distributor.

Furnaces



Intertek

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# AccuClean™ Whole Home Air Cleaner



## AccuClean™ Whole Home Air Cleaner:

- **AccuClean™** removes up to 99.98% of allergens from the filtered air
- Removes particles down to .01 micron 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
- **AccuLink™** communicating or 24 volt capability
- **Base Limited Warranty 5-years**
- **Registered Limited Warranty 10-years**
- **American Standard AccuClean™** is now certified as **asthma & allergy friendly™** by AAFA

**Table IAQ-1-A – Air Handler – 24 Volt AccuClean™ Whole Home Air Cleaner**

Model Number	Airflow Range	AccuClean™ Air Handler Width	Uncrated Dimensions(in.) H x W x D	Shipping Weight
AFD175CLAH000E	300-1200	17½ inch	7½ x 17½ x 21	37
AFD215CLAH000E	300-1200	21½ inch	7½ x 21½ x 21	42
AFD235CLAH000E	350-1600	23½ inch	7½ x 23½ x 21	44
AFD260CLAH000E	400-2000	26 inch	7½ x 26 x 21	46

**Table IAQ-1-B – Upflow / Side Return Furnace – 24 Volt AccuClean™ Whole Home**

Model Number	Airflow Range	AccuClean™ Furnace Width	Uncrated Dimensions(in.) H x W x D	Shipping Weight
AFD145CLFR000E	300-1200	14½ inch <sup>①</sup>	7½ x 14½ x 27	39
AFD175CLFR000E	300-1600	17½ inch <sup>①</sup>	7½ x 17½ x 27	43
AFD210CLFR000E	300-2000	21 inch <sup>②</sup>	7½ x 21 x 27	47
AFD245CLFR000E	400-2000	24½ inch <sup>②</sup>	7½ x 24½ x 27	49

**Table IAQ-1-C – Downflow Furnace – 24 Volt AccuClean™ Whole Home**

Model Number	Airflow Range	AccuClean™ Furnace Width	Uncrated Dimensions(in.) H x W x D	Shipping Weight
AFD17DCLFR000E	300-1600	17½ inch	7½ x 17½ x 21	37
AFD21DCLFR000E	300-2000	21 inch	7½ x 21 x 21	41

**Table IAQ-1-D — Accessories – AccuClean™ Whole Home**

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

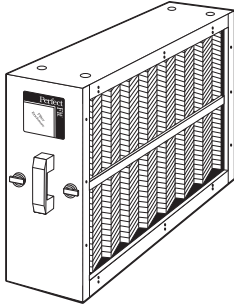
① Side return no transition required.  
② Side return transition required.

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## Perfect Fit™ Media Filters



- Four sizes to flush fit bottom of Trane furnaces
- TFM175 (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
- **Air-Tite™** Door construction eliminates air leaks, improves air quality and keeps operating costs low
- Gaskets included with the air cleaner

**Table IAQ-2-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 Opening③
TFM215B0AH0	300-1400	21½ inch	7½ x 21½ x 21	22	18⅞ x 18⅞
TFM235B0AH0	300-1700	23½ inch	7½ x 23½ x 21	24	20⅞ x 18⅞
TFM260B0AH0	400-2100	26 inch	7½ x 26 x 21	25	23⅞ x 18⅞

**Table IAQ-2-B – Furnace Perfect Fit™ High Efficiency Air Cleaner With Five (5) Inch Expandable Media Filter**

Model Number	Airflow Range	Perfect Fit™ Furnace Width	Uncrated Dimensions(in.) H x W x D	Shipping Weight	Return Air Opening③
TFM145B0FR0	300-1200	14½ inch①	7½ x 14½ x 27	18	11⅞ x 24 <sup>13</sup> / <sub>16</sub>
TFM175B0FR0	300-1500	17½ inch①	7½ x 17½ x 27	21	14⅞ x 24 <sup>13</sup> / <sub>16</sub>
TFM210B0FR0	300-2000	21 inch②	7½ x 21 x 27	24	18⅜ x 24 <sup>13</sup> / <sub>16</sub>
TFM245B0FR0	400-2000	24½ inch②	7½ x 24½ x 27	27	21⅞ x 24 <sup>13</sup> / <sub>16</sub>

- ① Side return no transition required.
- ② Side return transition required.
- ③ Actual opening does not include flange.

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## SlimFit Filters

- Available in all cabinet widths for the TEM Air Handlers.
  - Available for the S-Series Furnaces with side return.
  - Polyslate Gray 18 gauge steel painted frame to match cabinet
  - Low profile 2" depth cabinet
  - Hinged front door for easy filter replacement
  - Service First MERV 4 rated pleated filter included for recurring revenue on SlimFit sizes. Will also accommodate off the shelf retail filters.
  - Easy Installation and competitively priced
- New for 2018**
- Fully insulated R-4.2 door
  - Insulated cabinet to prevent sweating

**Table IAQ-2-C - SlimFit Filters**

Part Number	Part Description	Dimensions (in.)	Supersedes
BAYSF1165BAA	1" Filter and Frame (Side Return Furnace)	16⅞ x 20⅞ x 2	BAYSF1165AAA
BAYSF1185BAA	1" Filter and Frame, 18½	18½ x 21 x 2	BAYSF1185AAA
BAYSF1235BAA	1" Filter and Frame, 23½	23½ x 21 x 2	BAYSF1235AAA
BAYSF1265BAA	1" Filter and Frame, 26½	26½ x 21 x 2	BAYSF1265AAA
FLRSF1165*	1" Media Filter (Side Return Furnace)	16¼ x 20¼ x ¾	
FLRSF1185*	1" Media Filter	17¾ x 19¾ x ¾	
FLRSF1235*	1" Media Filter	22¾ x 19¾ x ¾	
FLRSF1265*	1" Media Filter	25¾ x 19¾ x ¾	

\*Shipped in cartons of 12

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

# QuikBox™ Media Cabinet and Filters



**New for 2018**

- New Cost Improved Replacement for TFM Perfect Fit Media Filter
- 9 Perfect Fit Sizes to match Air Handler or Furnace Cabinet dimensions
- 5" Depth 18 Gauge Metal Painted Cabinet w/ Fully insulated R-4.2 Door
- New MERV 11 Collapsible "Shirt-Box" type filter included
- Air Tite Door Construction with Gasketing and Quarter Turn Easy Open Latch
- Cabinet Gasketing included for improved leakage at equipment connection
- QuikBox Replacement Filters are Backward Compatible to Fit Every TFM FilterBox

**Table IAQ-3-A– QuikBox™ Replacement Filters**

Old Perfect Fit Model	New QuikBox Model	Nominal Cabinet Size H x W x D	Airflow Range Cfm	Shipping Weight
TFM175B0FR0	EQBFM175A0FR11	5" x 17.5" x 27"	300-1500	20
TFM17DA0FR0	EQBFM17DA0FR11	5" x 17.5" x 21"	300-1600	20
TFM210B0FR0	EQBFM210A0FR11	5" x 21.0" x 27"	300-2000	22
TFM215B0AH0	EQBFM215A0AH11	5" x 21.5" x 21"	300-1400	20
TFM235B0AH0	EQBFM235A0AH11	5" x 23.5" x 21"	300-1700	22
TFM245B0FR0	EQBFM245A0FR11	5" x 24.5" x 27"	400-2000	24
TFM260B0AH0	EQBFM260A0AH11	5" x 26.0" x 21"	400-2000	24
N/A	EQBFM165A0FR11	5" x 20.5" x 16.75"	400-1600	20
N/A	EQBFM185A0AH11	5" x 18.5" x 21"	400-1600	22

**Table IAQ-3-B– QuikBox™ Replacement Filters**

Perfect Fit Furnace	Old Filter Part Number	Dimensions(in.) H x W x D	New Filter Part Number	Efficiency Rating
TFM145B0FR0	BAYFTFR14M2	13.7 x 26 x 4.7	FLRQB5FR14M11	MERV 11
TFM175B0FR0	BAYFTFR17M2	16.7 x 26 x 4.7	FLRQB5FR17M11	MERV 11
TFM210B0FR0	BAYFTFR21M2	20.2 x 26 x 4.7	FLRQB5FR21M11	MERV 11
TFM245B0FR0	BAYFTFR24M2	23.7 x 26 x 4.7	FLRQB5FR24M11	MERV 11
New	N/A	15.75 x 19 x 4.7	FLRQB5FR16M11	MERV 11
TFM17DA0FR0	BAYFTDN17M2	16.7 x 20 x 4.7	FLRQB5DN17M11	MERV 11

**Table IAQ-3-C– QuikBox™ Replacement Filters**

Perfect Fit Air Handler	Old Filter Part Number	Dimensions(in.) H x W x D	New Filter Part Number	Efficiency Rating
TFM215B0AH0	BAYFTAH21M2	20.7 x 20 x 4.7	FLRQB5AH21M11	MERV 11
TFM235B0AH0	BAYFTAH23M2	22.7 x 20 x 4.7	FLRQB5AH23M11	MERV 11
TFM260B0AH0	BAYFTAH26M2	25.2 x 20 x 4.7	FLRQB5AH26M11	MERV 11
New	N/A	17.75 x 20 x 4.7	FLRQB5AH18M11	MERV 11

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## Perfect Fit™ Filter Accessories

**Table IAQ-4-A — Furnace Cartridge Media**

Model Number	Description	Qty	Enclosure Used with	Shipping Weight
BAYFTFREXM2	Expandable 5" Cartridge Media Filter	2 / Box	14 1/2 - 24 1/2 x 21	5

**Table IAQ-4-B — Air Handler Cartridge Media**

Model Number	Description	Qty	Enclosure Used with	Shipping Weight
BAYFTAHEXM2	Expandable 5" Cartridge Media Filter	2 / Box	21 1/2-26 x 27	5

**Table IAQ-4-C — 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 IAQ-4-D — 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.

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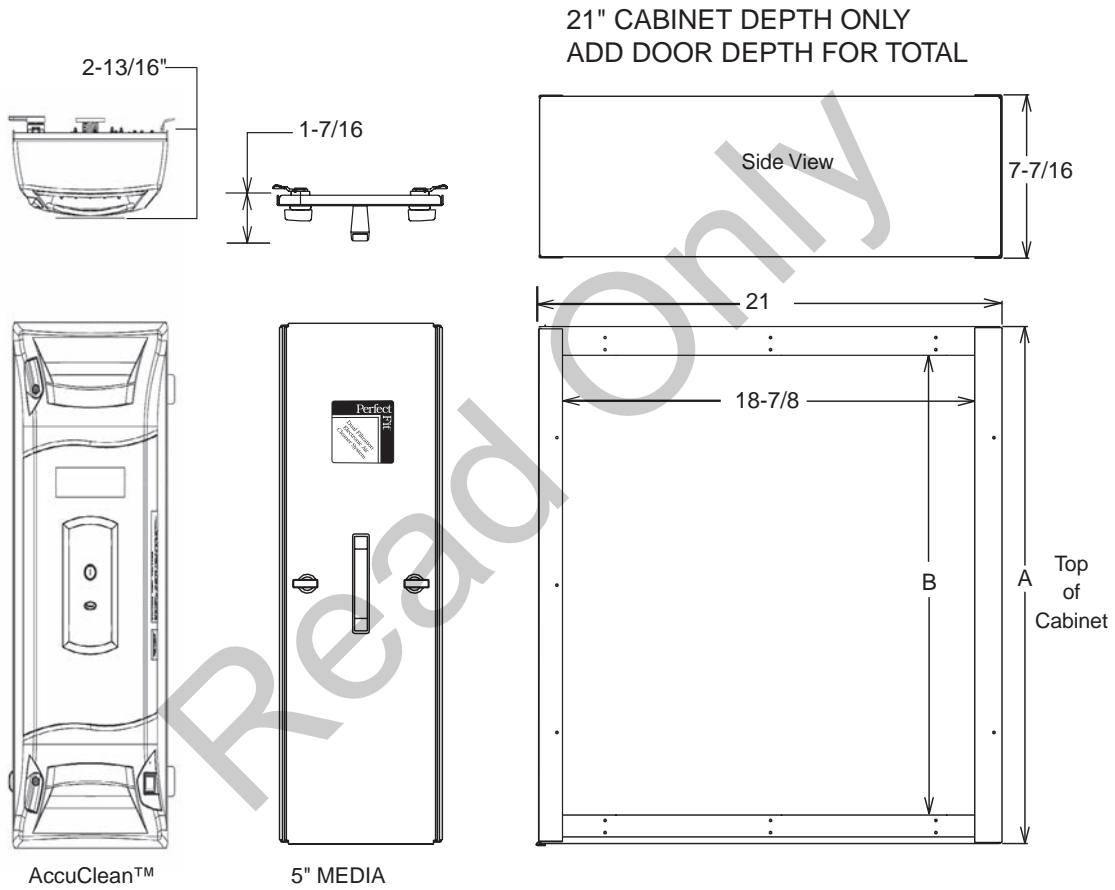
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# AccuClean™ Dimensions

Table IAQ-5-A — Air Handler Filters

ifD Filter	AIR HANDLER MODEL NUMBER	
	A	B
AFD215	21½	19
AFD235	23½	21
AFD260	26	23½

## OUTLINE DRAWING AIR HANDLER MODELS

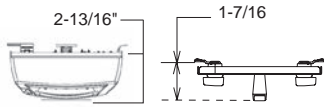


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# AccuClean™ Dimensions



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

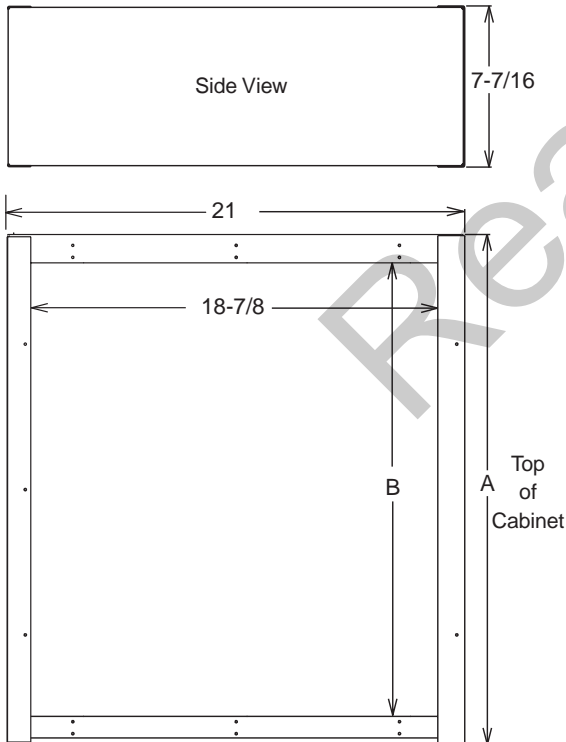
FURNACE MODEL NUMBER		
ifD Filter	A	B
AFD145	14 <sup>1</sup> / <sub>2</sub>	12
AFD175	17 <sup>1</sup> / <sub>2</sub>	15
AFD210	21	18 <sup>1</sup> / <sub>2</sub>
AFD245	24 <sup>1</sup> / <sub>2</sub>	22

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

FURNACE MODEL NUMBER		
ifD Filter	A	B
AFD14D	14 <sup>1</sup> / <sub>2</sub>	11 <sup>7</sup> / <sub>8</sub>
AFD17D	17 <sup>1</sup> / <sub>2</sub>	14 <sup>7</sup> / <sub>8</sub>
AFD21D	21	18 <sup>3</sup> / <sub>8</sub>
AFD24D	24 <sup>1</sup> / <sub>2</sub>	21 <sup>7</sup> / <sub>8</sub>

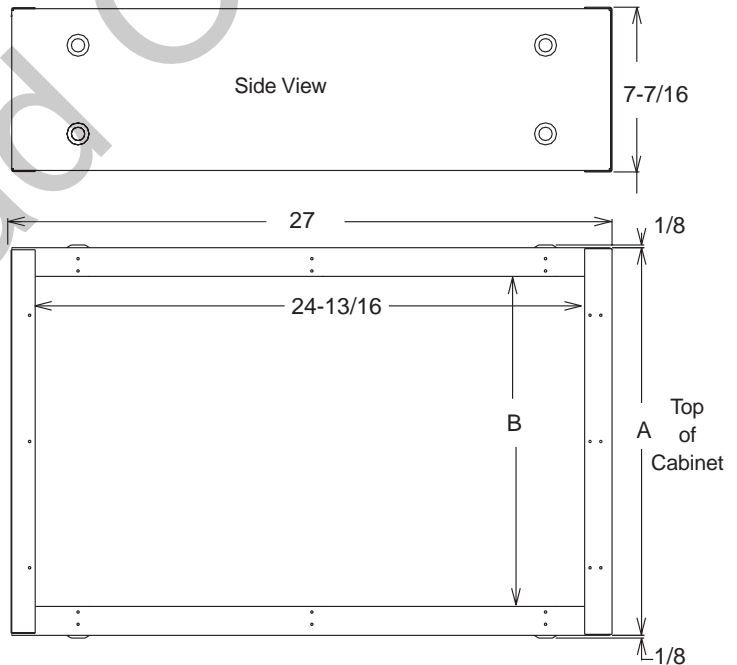
**OUTLINE DRAWING  
DOWNFLOW FURNACE MODELS**

21" CABINET DEPTH ONLY  
ADD DOOR DEPTH FOR TOTAL



**OUTLINE DRAWING UPFLOW FURNACE MODELS**

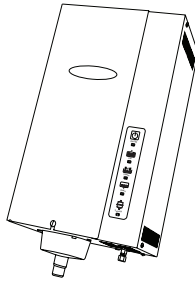
27" CABINET DEPTH ONLY  
ADD DOOR DEPTH FOR TOTAL



Indoor Air Quality

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

# Humidifiers Steam



**EHUMD800ASM00BA**  
**EHUMD800BSMLCBA**

## EHUMD800A

- Electrode Type Steam Canister means fast, easy, low cost maintenance.\*
- Six Different Capacities In One Unit to satisfy any application from 11.5 gallons per day to 34.6 gallons per day.
- Automatic Shut Down after 72 hours of inactivity; unit will drain to eliminate standing water.
- Easy Mounting Flexibility to your existing duct work or can be remotely mounted.
- Choose Precise Relative Humidity % Settings based on your needs and outdoor conditions. Works with Nexia™-enabled controls without the need for additional controls.
- Humidity “On Demand” uses your HVAC system blower to distribute humidified air throughout your home without a call for heating from your furnace or heat pump.
- Five-Year Standard Warranty includes all functional Parts. Limited Warranty available.
- All Inclusive Package means there is nothing else to purchase. Includes manual humidistat and blower relay. Nexia-enabled control is optional.

\*Replace once a year

## EHUMD800LC

- EnviroWise model 800LC Steam Humidifier is recommended for all 120V installations.
- Two Different Capacities at 11.5 gallons per day and 16 gallons per day.
- Comes with model 8043 LCRP Canister
- Faster start-up and 35% more electrode surface area than model 800 with 120v application

**Table IAQ-7-A — Steam Humidifier Models**

Part Number	Part Description	Dimensions - W"xD"xH"	Weight (lbs)
EHUMD800ASM00B	Steam Humidifier w/ Manual Control	10.125 x 7.125 x 20.875	23
EHUMD800BSMLCBA	Steam Humidifier Low Conductivity w/ Manual Control	10.125 x 7.125 x 20.875	23

**Table IAQ-7-B — Specifications: Humidifier with Humidistat**

Conductivity	Grains/Gal	Hardness	Recommended Model installed at 208/240v
75-100	0-3	Naturally Soft	Model 800LC
100-300	3-9	Naturally Soft	Model 800LC
300-500	9-15	Slightly Hard	Model 800
500-650	15-20	Moderately Hard	Model 800
650-850	20-25	Hard	Model 800
850-1250	25-36	Very Hard	Model 800
above 1250	above 36	Extremely Hard	Installation Not Recommended

**Table IAQ-7-C — Accessories**

Model Number	Description
8043RP	Canister, Rplc, 6-Pk, Serv First
8043LCRP	Replacement Steam Canister-Low Conductivity Model
5625RP	Humidistat, Manual, Serv First
5628RP	Drain Trap Assy, Serv First
5629RP	Air Flow Switch, Serv First
5630RP	High Humidity Switch, Serv First
5632RP	Condensate Pump Kit, Serv First
56TR	Convertible Automatic Humidifier Control, Trane Brand

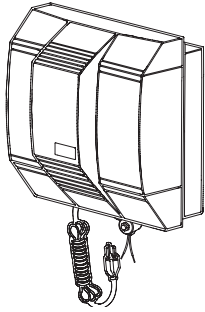
1. What model is recommended for 120VAC installations?
  - a. The Model 800LC and 80LC canister are recommended regardless of water conditions.



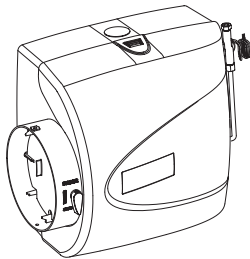
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# Humidifiers Fan Powered and Bypass



**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 Coating 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
- 110V Primary/24A Transformer

## 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 Coating 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
- Saddle Valve
- Polyslate Gray Housing matches Furnace Cabinet Color
- Decorative nameplate
- 110V Primary/24V Secondary, 10VA Transformer

**Table IAQ-8-A — Specifications: Humidifier with Humidistat**

Model Number	Description	Used With	Shipping Weight
AHUMD500APA00C <sup>①④</sup>	Fan Powered Humidifier	All Furnace Models	20
AHUMD300ABA00B <sup>②</sup>	Large Bypass Humidifier	All Furnace Models	15
AHUMD200ABM00B <sup>③</sup>	Small Bypass Humidifier	All Furnace Models	14

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 IAQ-8-B — Accessories**

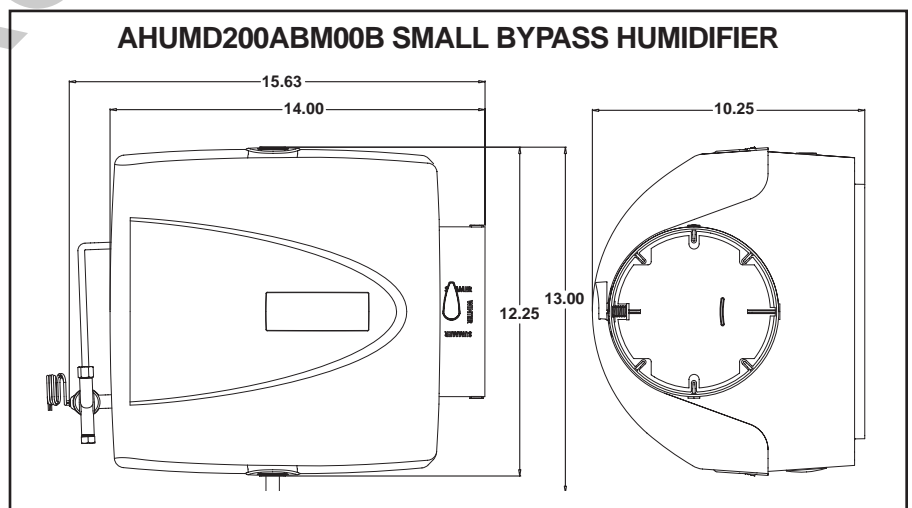
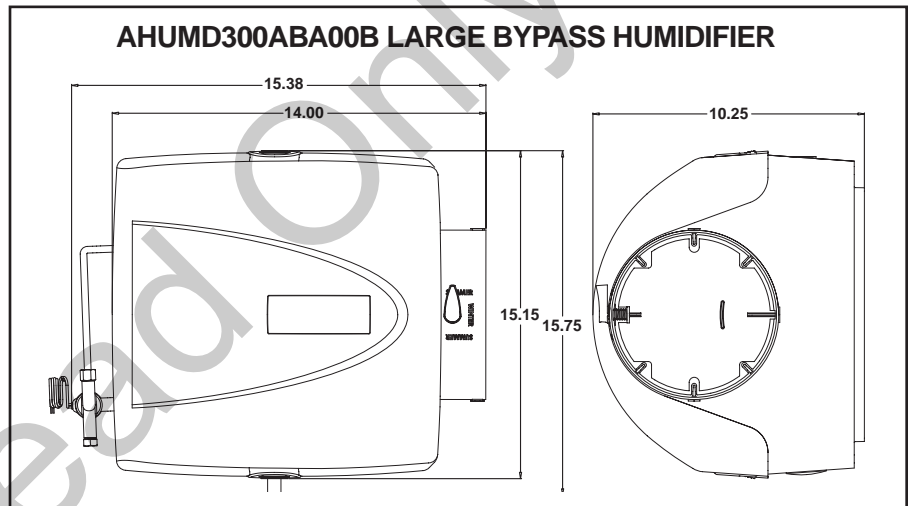
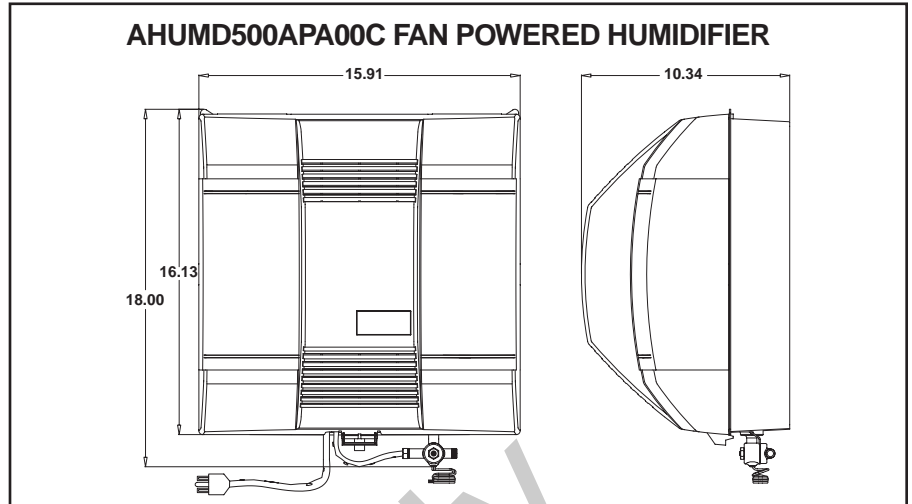
Model Number	Description	Used With
BAYPAD02A1310A	Large Humidifier Pad 13"x10"	AHUMD500,300A
BAYPAD01A1010A	Small Humidifier Pad 9-7/8"x9-5/8"	AHUMD200A
ACONTH01AAUTOA	Automatic Humidifier Control	AHUMD200A
BAYRLY10ASENSA	Current Sensing Relay	All
BAYPLT01AMHCOA	Adapter Plate (Duct Mount)	Manual Humidifier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

Indoor Air Quality

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

# Humidifiers

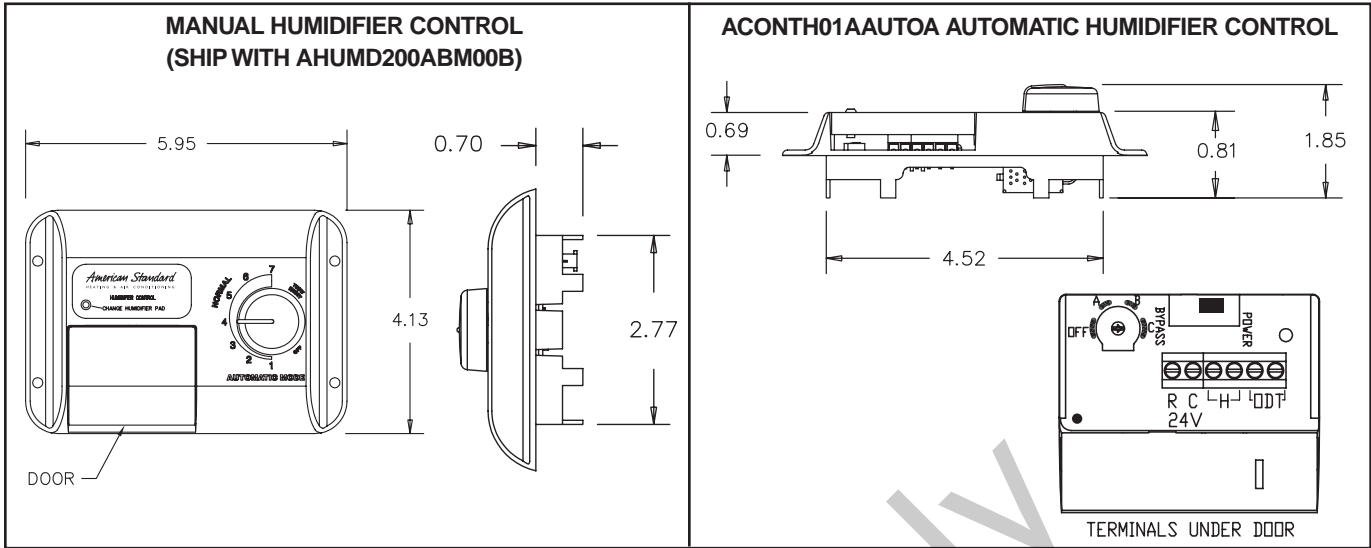
## Fan Powered and Bypass



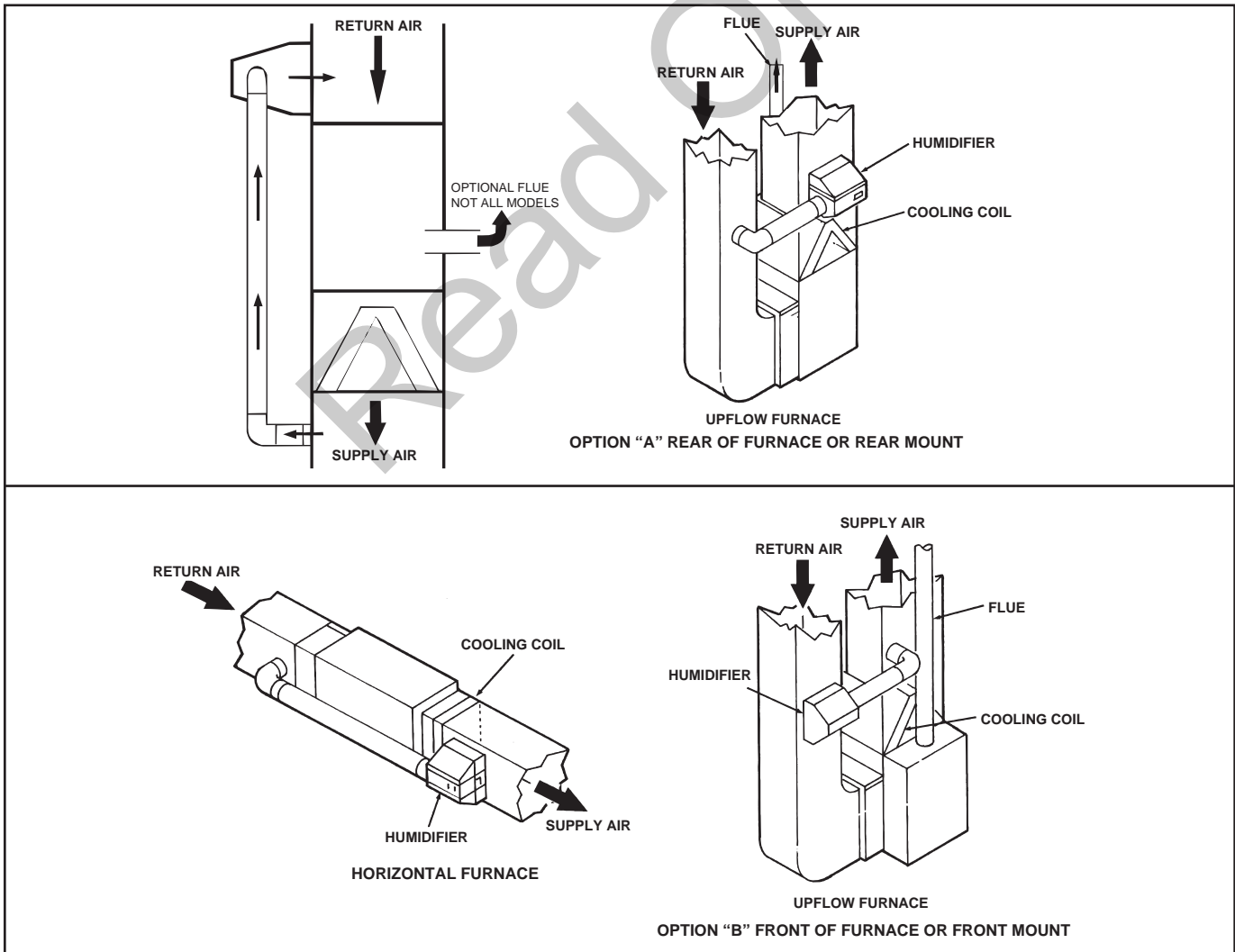
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# Humidifiers Fan Powered and Bypass



## SUGGESTED BYPASS HUMIDIFIER LOCATIONS



Indoor Air Quality

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

## EnviroWise™ QF130V Inline Ventilator



**EVENQF130V1NAAA**

### EVENQF130V

- Full ECM motor, adjustable airflow from 40 to 130 cfm
- Programmable to prevent temperature and humidity extremes
- Includes MERV 8 filter for improved indoor air quality
- Quiet fan (.4 – 1.6 Sones) is virtually undetectable when operating
- “On - Off” switch on unit or controlled by 24V remote wired smart thermostat with ventilation software
- Compact design fits between framing members and comes with hanger brackets

**Table IAQ-11-A — Specifications: EnviroWise™ QF130V Inline Ventilator**

Part Number	Part Description	Dimensions - W"xD"xH"	Weight (lbs)
EVENQF130V1NAAA	Inline Ventilator Fan with Relay	15.75 x 12.75 x 23	18

**Table IAQ-11-B — Accessories**

Model Number	Description	Dimensions - W"xD"xH"	Weight (lbs)
E1650024	Heater Model EQH400	14.5 x 14 x 10.25	8.25
E1650025	Heater Model EQH900	14.5 x 14 x 10.25	8.25
E1650026	6" Motorized Damper	6.3 x 9.45 x 10.63	4.5
E1955001	6" Screened Wall Cap	9 x 9 x 17	3
E1650123	2 Pack 10x10x2 Filter	10 x 10 x 4	0.95



**EDHUM70V1H1MDA**

## EnviroWise™ QF70V Inline Ventilator

### EDHUM70V

- 62.2 Compliant Ventilation with Dehumidification Control
- Controlled mechanical Ventilation for humid climates, especially Climate Zones 1, 2, and 3
- Automatically turns on compressor when entering air is above enthalpy set-point based on climate setting using on-board sensor
- Ventilation up to 125 cfm – sufficient for a 4BR, 3000 sq.' home
- May be ducted with 100% ventilation air, mixed with indoor air, or used as a ducted or stand-alone dehumidifier
- Standard with MERV 11 pleated filter for improved indoor air quality
- Optional dedicated D30 control or use one of our Nexia (trademark) enabled Thermostats to control ventilation or dehumidification
- Up to 70 pints/per day for dehumidification or up to 30 grains of moisture/lb. of outside air for ventilation

**Table IAQ-11-C — Specifications: EnviroWise™ QF70V Inline Ventilator**

Part Number	Part Description	Dimensions - W"xD"xH"	Weight (lbs)
EDHUM70V1H1MDA	Ventilating 70 Pint Dehumidifier	12 x 12 x 28 with Collars	55
		12 x 12 x 22 without Collars	54

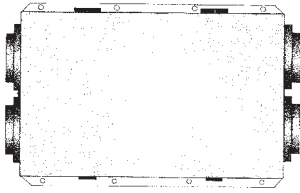
**Table IAQ-11-D — Accessories**

Model Number	Description	Dimensions - W"xD"xH"	Efficiency Rating
E4037861	6" Motorized Damper		
E4037863	8" Gravity Damper (70)		
E4037869	Hang Kit, Small (70 & 98)		
E4037874	Filter Case (qty 4)	9"X11"X1"	MERV 11 (70)
E4037887	MERV 14 Filter Housing		
E4037891	Filter Case (qty 3)	20" X 24" X 4"	MERV 14 (Filter Housing)
E4037901	Condensate Pump Kit (70)		
E4037907	6" Inlet Hood		
E4037881	Filter Case (qty 12)	9"X11"X1"	MERV 11 (70)
E4037893	D30 Control		
E4037897	D30R Control w/ Remote		

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# Energy Recovery Ventilator (ERV)



TERVR

- 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 (PB) control connects to PT control
- Pull-down door latches for quick service access
- Heavy gauge, powder painted steel cabinet
- Permanently lubricated motor bearings (ball bearings)
- 6" and 8" double collar duct connections for TERVR100 and 200
- 8" round compatible duct connection for TERVR300
- 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
- **Based Limited Warranty 5-years**
- **Registered Limited Warranty 10-years**
- **Optional extended warranty**

Table IAQ-12-A — Specifications: ERV

Model Number	Nominal Airflow (CFM)	Power Supply	Uncrated Dimensions (In.) H x W x D	Shipping Weight
TERVR100A1P00B <sup>①</sup>	130	120/1/60	20 <sup>1</sup> / <sub>8</sub> x 28 <sup>3</sup> / <sub>4</sub> x 13	65
TERVR200A1P00B <sup>①</sup>	200	120/1/60	20 <sup>1</sup> / <sub>8</sub> x 28 <sup>3</sup> / <sub>4</sub> x 23 <sup>7</sup> / <sub>8</sub>	85
TERVR300A1P00B <sup>①</sup>	300	120/1/60	20 <sup>1</sup> / <sub>8</sub> x 28 <sup>3</sup> / <sub>4</sub> x 23 <sup>7</sup> / <sub>8</sub>	95

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

Table IAQ-12-B — Specifications: ERV

Model Number	Sensible Recovery Effectiveness(32°F)	Latent Recovery (32°F)	Total Recovery (95°F)
TERVR100A1P00B	72% @ 124 cfm	55% @ 124 cfm	46% @ 126 cfm
TERVR200A1P00B	78% @ 181 cfm	62% @ 181 cfm	52% @ 180 cfm
TERVR300A1P00B	70% @ 295 cfm	51% @ 295 cfm	43% @ 295 cfm

Table IAQ-12-C — Optional Accessories

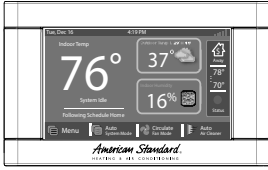
Model Number	Description	Used With	Shipping Weight
TCONTV10APBC0A	Point of Use Push Button Control	ERV models 100, 200, 300	1
FLR08618	Filters - 2 per pack	ERV models 100	1
FLR08619	Filters - 2 per pack	ERV models 200, 300	1
BAYWHT10AVENTA <sup>②</sup>	6 inch White Vinyl Ventilation Hood	ERV models 100, 200	1
BAYBRN10AVENTA <sup>②</sup>	6 inch Brown Vinyl Ventilation Hood	ERV models 100, 200	1
BAYGLV10AVENTA <sup>②</sup>	8 inch Galvanized Ventilation Hood	ERV models 300	2

<sup>②</sup> Qty 1.

Indoor Air Quality

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

## Conventional 24 Volt Connected Controls



**GOLD 824**  
**ACONT824AS52DA**



### ACONT824AS52DA

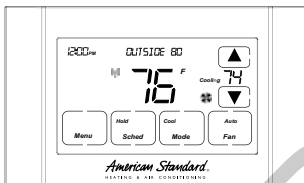
- Nexia™ Z-Wave Bridge Inside
- Connect over 200 Z-Wave devices<sup>①②</sup>
- WiFi or Ethernet connection
- Control from a smartphone, tablet, or computer <sup>①②</sup>
- 4.3" Color touchscreen
- 7 Day programmable with up to four schedules per day
- Five day weather forecast, weather radar, and weather alerts <sup>①</sup>
- Indoor relative humidity display
- Enhanced dehumidification (cooling)
- 2 Auxiliary dry contacts control 2 of the following: Whole house humidifier, dehumidifier, or ventilation system
- Test modes and alert diagnostics
- Screen access restrictions
- Nexia™ Diagnostics <sup>①</sup>
- Over-the-air software upgrade <sup>①</sup>
- Local software upgrade option
- Silver color
- Limited Warranty: 5 yr. base/10 yr. registered

### Application:

- Conventional gas/electric, heat pump, and dual fuel systems
- Conventional boiler systems (forced air only)
- Conventional HVAC systems:
  - 2 Heat / 2 cool
  - Heat Pump systems: Up to 5 stages heat / 2 stages cool (2 compressor heat - 3 auxiliary heat / 2 cooling)
  - Heat Pump switchover valve: selectable "with cool or with heat"
- Remote wired indoor temperature sensor (optional) ZZSENSAL0400AA
- Remote wireless indoor temperature and humidity sensor (optional): ZSENS930AW00MA
- Remote wired outdoor temperature sensor (optional) BAYSEN01ATEMPA
- PWM Circuit (BK terminal): controls indoor unit variable speed blower
- Wall cover plate BAYCOVR800A

### Dimensions:

- Product: 5.43"w x 3.39"h x 1.30"d
- Display: 4.15"w x 2.65"h



**SILVER 724**  
**ACONT724AS42DA**



### ACONT724AS42DA <sup>③</sup>

- Nexia™ compatible <sup>①②</sup>
- WiFi connectivity
- Control from a smartphone, tablet, or computer <sup>①②</sup>
- 4.3" diagonal black and white touchscreen
- 7 Day programmable with up to 4 schedules per day
- Humidity sensor and RH display
- Remote temperature sensor connections (1 indoor/1 outdoor)
- Auxiliary & compressor heat lockouts
- Auxiliary dry contact
- Enhanced dehumidification (cooling)
- PWM Circuit (BK terminal): controls indoor unit variable speed blower
- Energy Savings Mode (ESM)
- Screen lock and guest lock
- Service test modes
- Upgradable software
- Color: Designer Silver
- Limited Warranty: 1 yr. base/5 yr. registered

### Application:

- Up to 4 Stages Heat/2 Stages Cool
- Conventional gas/electric, heat pump, and dual fuel systems
- Conventional boiler systems (baseboard & radiators)
- Remote wired indoor temperature sensor (optional): ZZSENSAL0400AA
- Remote wired outdoor temperature sensor (optional): BAYSEN01ATEMPA
- Wall cover plate BAYCOVR800A
- Nexia™ Bridge is required for control of Z-Wave devices and remote climate access. The Nexia™ Bridge is purchased separately. <sup>①②</sup>

### Dimensions:

- Product: 5.9"w x 3.47"h x .95"d
- Display: 3.8"w x 2.3"h

<sup>①</sup> Requires internet service and Nexia™ smart home system registration.

<sup>②</sup> Nexia™ remote climate access is included with the purchase for up to 4 Connected Controls per home. Adding accessories or additional controls to your Nexia™ system may require a monthly subscription.

<sup>③</sup> Available 2018

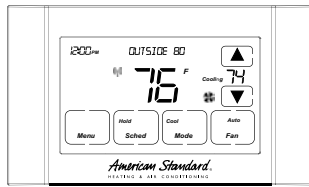


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## Conventional 24 Volt Connected Controls



**SILVER 624**  
**ACONT624AS42DA**



### ACONT624AS42DA

- Nexia™ compatible
- Z-wave connectivity
- Control from a smartphone, tablet, or computer ①②③
- 4.3" diagonal black and white touchscreen
- 7 Day programmable with up to 4 schedules per day
- Humidity sensor and RH display
- Remote temperature sensor connections (1 indoor/1 outdoor)
- Auxiliary & compressor heat lockouts
- Auxiliary dry contact
- Enhanced dehumidification (cooling)
- Adjustable variable speed fan settings (PWM)
- Energy Savings Mode (ESM)
- Screen lock and guest lock
- Service test modes
- Upgradable software
- Silver color
- Limited Warranty: 1 yr. base/5 yr. registered

### Application:

- Up to 4 Stages Heat/2 Stages Cool
- Conventional gas/electric, heat pump, and dual fuel systems
- Conventional boiler systems (baseboard & radiators)
- Remote wired indoor temperature sensor (optional): ZZSENSAL0400AA
- Remote wired outdoor temperature sensor (optional): BAYSEN01ATEMPA
- Wall cover plate BAYCOVR800A
- Nexia™ Bridge is required for control of Z-Wave devices and remote climate access. The Nexia™ Bridge is purchased separately.

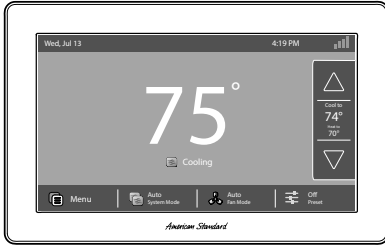
### Dimensions:

- Product: 5.9"w x 3.47"h x .95"d
- Display: 3.8"w x 2.3"h

Read Only

① Requires internet service and Nexia™ smart home system registration.  
② Nexia™ remote climate access is included with the purchase for up to 4 Connected Controls per home. Adding accessories or additional controls to your Nexia™ system may require a monthly subscription. Remote access is via most web-enabled smartphones, tablets and computers.  
③ Requires Nexia™ Bridge

# AccuLink™ Communicating Connected Controls



**PLATINUM 1050  
AZON1050AC52ZA**



## AZON1050AC52ZA

- Nexia™ Z-Wave Bridge Inside
- Connect over 200 Z-Wave devices<sup>①②</sup>
- Nexia™ Diagnostics <sup>①</sup>
- WiFi or Ethernet connection
- Control from a smartphone, tablet, or computer <sup>①②</sup>
- 7" diagonal color touchscreen
- 1-Touch Presets - Home, Away, Sleep
- 7 Day programmable with up to four schedules per day
- Customizable Home Screen
- Runtime History
- Allergy and Quick Clean Air Cycles
- Smart Continuous Fan
- Adjustable Continuous Airflow (35-100%)
- Screen access restrictions
- Dealer Contact Widget
- Service, Filter, Humidifier, UV Light, Air Cleaner Reminders
- Five day weather forecast, weather radar, and weather alerts <sup>①</sup>
- Indoor relative humidity display
- Test modes and alert diagnostics
- Over-the-air Software Upgrade <sup>①</sup>
- Local Software Upgrade option
- Color: Designer Silver
- Limited Warranty: 5 yr. base/10 yr. registered

## Application:

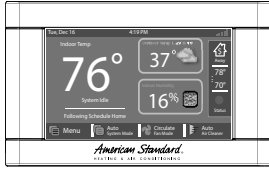
- AccuComfort™ Variable Speed
- AccuLink™ II Two Stage Systems
- AccuLink™ II Zoning Systems
- AccuComfort™ Variable speed outdoor cooling or heat pump unit combined with S-Series non-communicating variable speed furnace and "C" model Relay Panel
- Relay panel (BAY24VRP52DC) is required when applied with conventional systems (Gas Electric, Heat Pump, Dual Fuel, Boilers - forced air only)
- Relay Panel Supports:
  - Up to 5 stages heat, 2 stages cool
  - Connections for Remote indoor and outdoor temperature sensors
  - 3 Dry Auxiliary Contacts to control whole house humidifier, dehumidifier, or ventilation system
- Remote wired indoor temperature sensor (optional) ZZSENSAL0400AA
- Remote wireless indoor temperature and humidity sensor (optional): ZSENS930AW00MA
- Remote wired outdoor temperature sensor (optional) BAYSEN01ATEMPA

## Dimensions:

- Product: 7.2"w x 4.5"h x 1.2"d
- Display: 6.1"w x 3.3"h

<sup>①</sup> Requires internet service and Nexia™ smart home system registration.  
<sup>②</sup> Nexia™ remote climate access is included with the purchase for up to 4 Connected Controls per home. Adding accessories or additional controls to your Nexia™ system may require a monthly subscription. Remote access is via most web-enabled smartphones, tablets and computers.

# AccuLink™ Communicating Connected Controls



**PLATINUM 850  
ACONT850AC52UA**



## ACONT850AC52UA

- Nexia™ Z-Wave Bridge
- Connect over 200 Z-Wave devices<sup>①②</sup>
- WiFi or Ethernet connection
- Control from a smartphone, tablet, or computer <sup>①②</sup>
- 4.3" diagonal color touchscreen
- Compatible with AccuLink™ communicating systems (variable speed and two stage)
- Compatible with conventional 24 volt HVAC, heating, heat pump, and dual fuel systems when used with accessory relay panel model BAY24VRPAC52DC
- 7 Day programmable with up to four schedules per day
- Five day weather forecast, weather radar, and weather alerts <sup>①</sup>
- Indoor relative humidity display
- Test modes and alert diagnostics
- Nexia™ Diagnostics <sup>①</sup>
- Over-the-air software upgrades <sup>①</sup>
- Local software upgrade option
- Silver color
- Wall cover plate BAYCOVR800A
- Limited Warranty: 5 yr. base/10 yr. registered

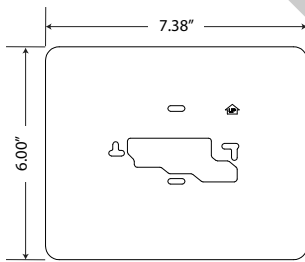
## Application:

- AccuLink™ II communicating systems (variable speed and two stage)
- Variable speed outdoor cooling combined with S-Series non-communicating variable speed furnace and "C" model Relay Panel
- Conventional gas/electric, heat pump, dual fuel systems, or boiler systems (forced air only) with use of relay panel model BAY24VRPAC52DB. Relay panel controls up to 5 stages heat, 2 stages cool, remote indoor and outdoor connections, humidifier, dehumidifier, and ventilation system.
- Remote wired indoor temperature sensor (optional) ZZSENSAL0400AA
- Remote wireless indoor temperature and humidity sensor (optional): ZSENS930AW00MA
- Remote wired outdoor temperature sensor (optional) BAYSEN01ATEMPA

## Dimensions:

- Product: 5.43"w x 3.39"h x 1.30"d
- Display: 4.15"w x 2.65"h

## Wall Cover Plate



**BAYCOVR800A**

## BAYCOVR800A

### Application:

- Use with  
ACONT624AS42DA,  
ACONT724AS42DA,  
ACONT824AS52DA,  
ACONT850AC52UA

## Dimensions:

- 7.38" w x 6.00" h
- Finish: Silver

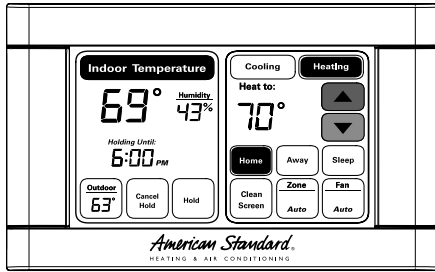
For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

<sup>①</sup> Requires internet service and connection to Nexia™ smart home system.  
<sup>②</sup> Nexia™ remote climate access is included with the purchase of up to 4 Connected Controls per home. Adding accessories to your Nexia™ system may require a monthly subscription for remote access via most web-enabled smartphones, tablets and computers.

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## Zoning Communicating Sensor with Display



**AZONE940AC52ZA**

### AZONE940AC52ZA

- Compatible with AccuLink™ Zoning Systems
- 3-Wire Communicating Zone Sensor
- 4.5" backlit touch screen black and white display
- Zone Mode - Heat/Cool/Auto
- Fan Mode - Auto/On
- Synchronizes with AZON1050 Real Time Clock
- Comfort Settings scheduled from AZON1050
- Zone Schedule Override
  - Permanent Hold
  - Temporary Override
- Pre-Sets For Home, Away, and Sleep
- 24V power
- Displays Zone Temperature & Relative Humidity
- Displays Outdoor Temperature & Outdoor Relative Humidity (if available on AZON1050)
- Clean Screen Function
- Keypad lock- enabled from AZON1050
- Fahrenheit or Celsius - enabled from AZON1050 (system level setting)

### Dimensions:

- 5.5" width x 3.4" height x 1.1" depth

### Storage Temperature:

- -40°F to 170°F, 0% - 95% RH

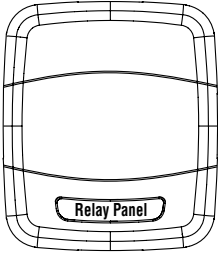
### Operating Temperature:

- 32°F - 120°F, 5% - 90% RH non-condensing

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## Conventional 24 Volt HVAC System Interface Relay Panel for AccuLink™ Controls



**BAY24VRPAC52DC**

### **BAY24VRPAC52DC — With AUX**

#### **Contact Control**

- 5 Heat (Gas, Oil, Electric)/2 Cool/Heat Pump/Dual Fuel
- Optional remote indoor temperature connection point
- Optional remote outdoor temperature connection point
- LED stage indicators
- Removable low voltage terminal blocks for easy service and replacement

#### **AUX Contacts**

- Whole-house Dehumidifier Control
- Ventilation Control
- Humidifier Control
- Relay Panel provides support for the following equipment combination:
  - Variable speed heat pump and cooling units
  - S-Series Non-communicating Variable Speed Furnace
  - ACONT850AC52UA or AZON1050AC52ZA

#### **Dimensions:**

- 8.0" width x 9.3" height x 1.9" depth

#### **Storage Temperature:**

- -40° to 175°F, 5% - 95% RH non-condensing

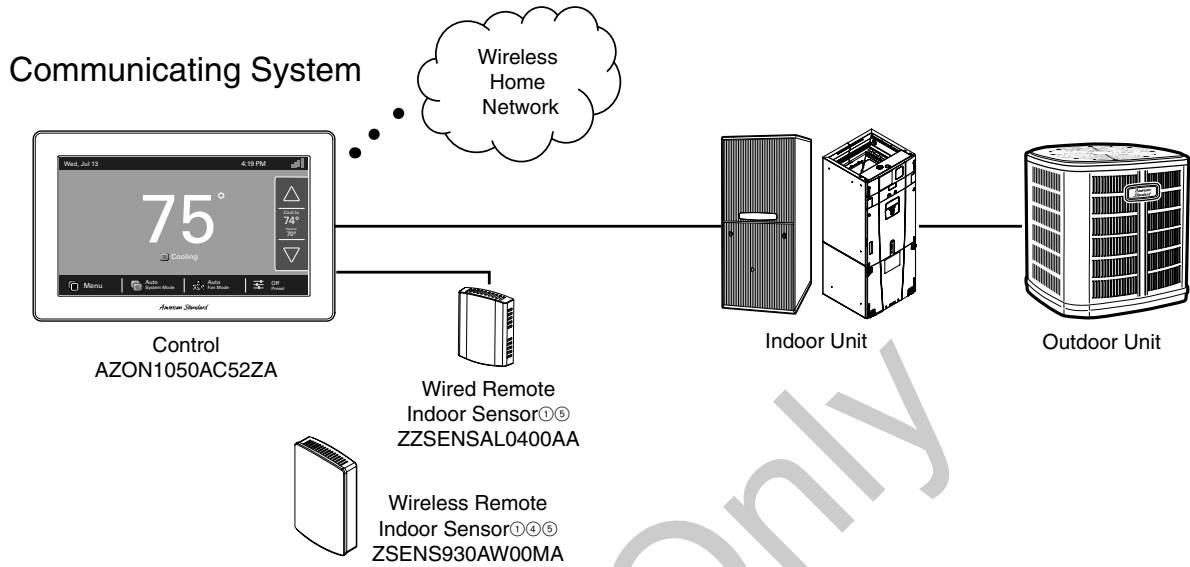
#### **Operating Temperature:**

- -40° to 150°F, 5% - 95% RH non-condensing

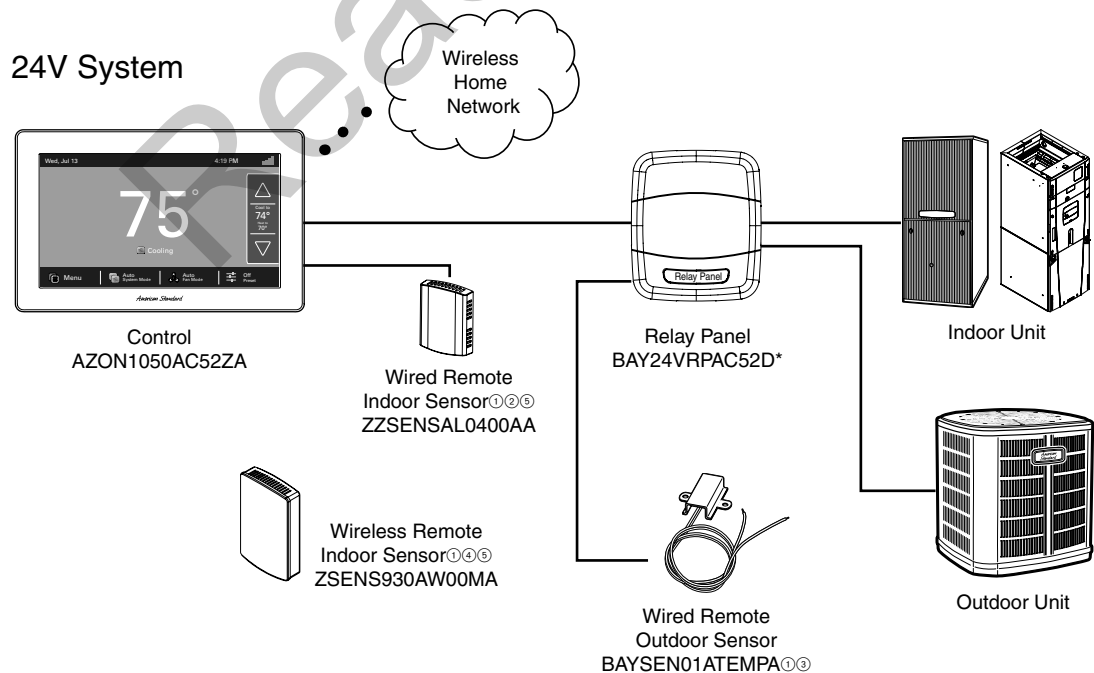
Read Only

# AccuLink™ Platinum 1050 Control Component Overview

## Communicating System



## 24V System

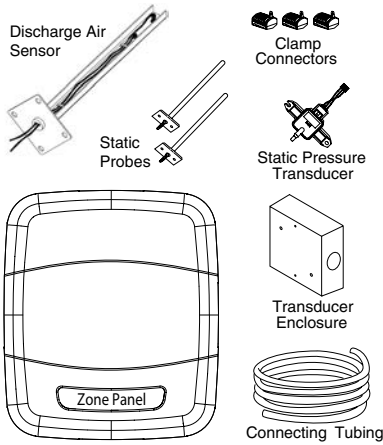


- ① Optional Accessory
- ② Can alternatively be connected to the Relay Panel
- ③ Can alternatively be connected to the 1050 Control
- ④ Z-wave sensor may be added to 1050 built in bridge
- ⑤ Use one wireless or wired sensor per zone

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.



## AccuLink™ Zoning Assembly



**ZZONEPNLAC52ZB**

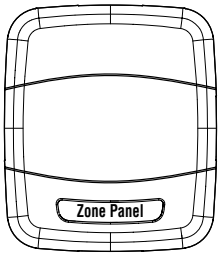
### ZZONEPNLAC52ZB American Standard Variable Speed Indoor Unit (Air handler/Gas Furnace) required.

**Includes:**

- Four Zone Communicating Zone Panel with discharge air sensor, static pressure transducer and housing, supply, return air static probes and connecting tubing, and three wiring blocks
- Automatically sets maximum CFM per zone
- Compatible with 24 volt systems with the addition of 24 volt relay panel
- Controls 24 volt power open, power close modulating dampers

- Auto detects installed dampers
- Supports 2-wire (ZZSENSAL0400AA) and 3-wire (AZONE940) zone sensors
- Adjustable damper motor travel times of 15 to 60 seconds
- Requires field supplied 24 volt power supply
- Up to four 1.5 VA dampers can be wired in parallel to each zone
- Backlit LCD display for easy setup and service
- Removable low voltage terminal blocks for easy service and replacement

## AccuLink™ Zone Expander Panel (Required with more than 4 zones)



**ZZONEEXPAC52ZA\***

### ZZONEEXPAC52ZA\*

- Expands the maximum number of zones per system to eight
- Controls 24 volt power open, power close modulating dampers
- Auto detects installed dampers
- Supports 2-wire (ZZSENSAL0400AA) and 3-wire (AZONE940) zone sensors
- Adjustable damper motor travel times of 15 to 60 seconds
- Requires field supplied 24 volt power supply

**Dimensions:**

- 8.0" width x 9.3" height x 1.9" depth

**Storage Temperature:**

- -40° to 175°F, 5% to 95% RH non-condensing

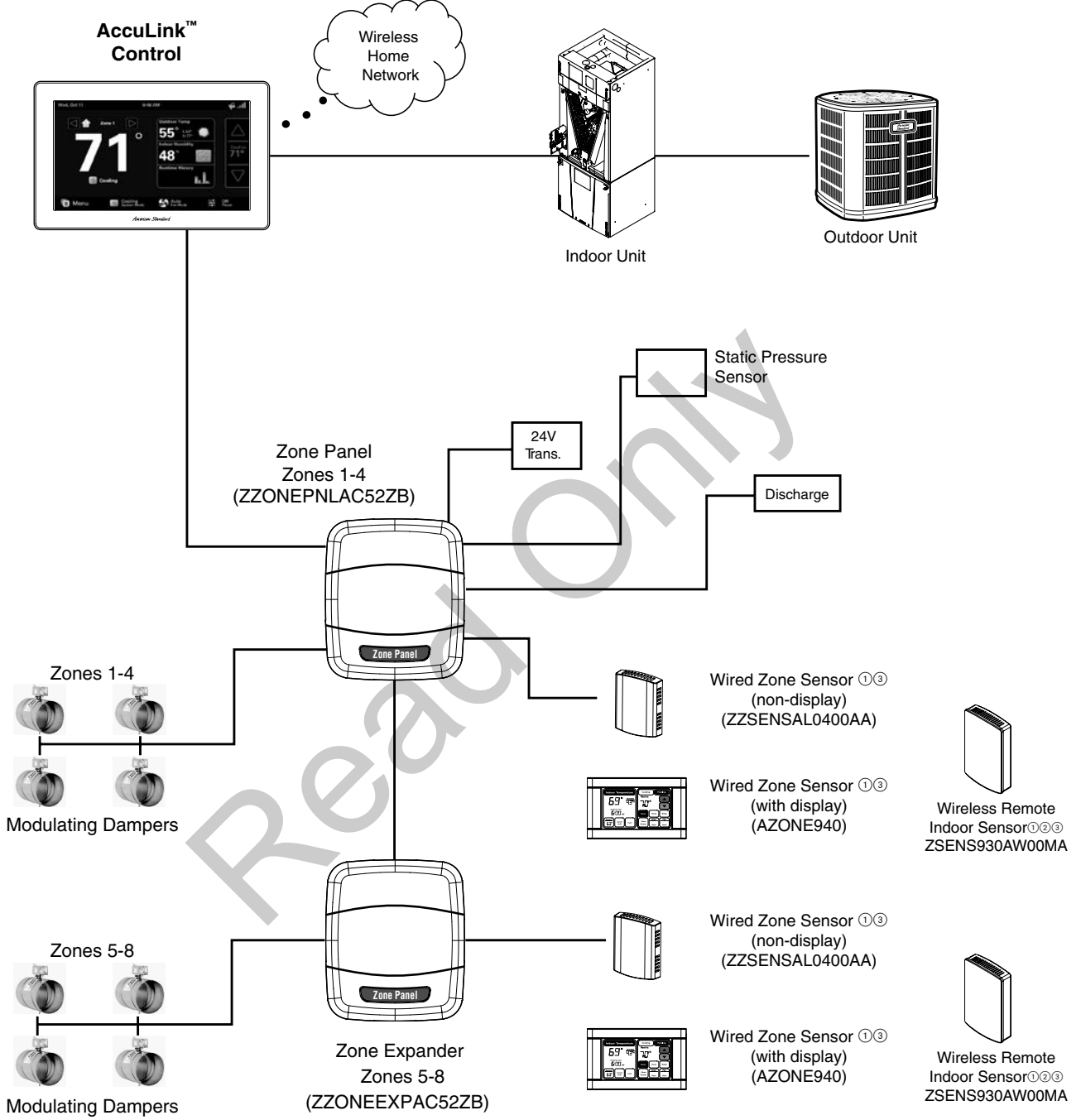
**Operating Temperature:**

- -40° to 150°F, 5% to 95% RH non-condensing

\*This is the same Zone Panel that ships as part of the Zoning Assembly

# AccuLink™ Zoning Component Overview

## Zoned Communicating System



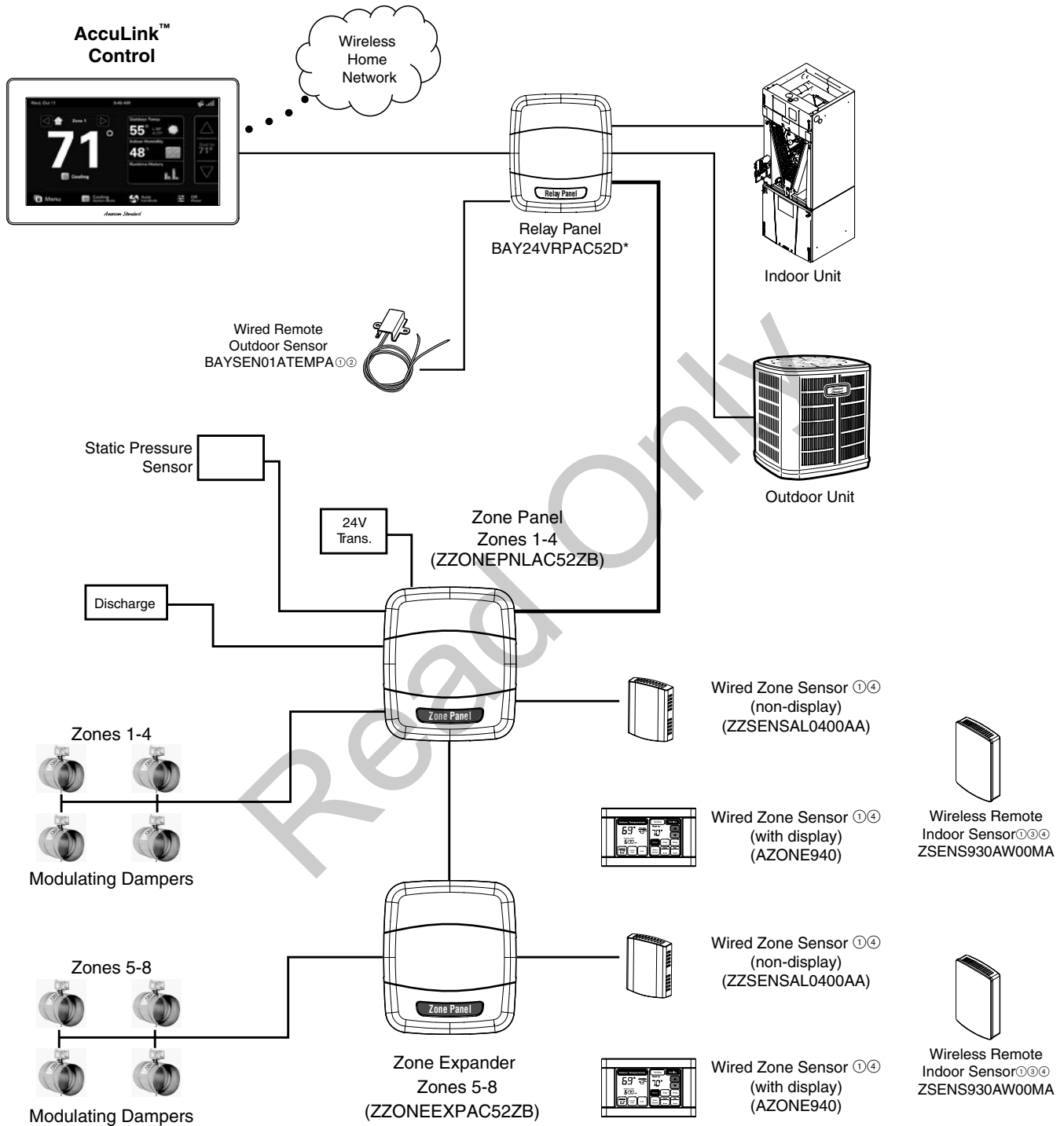
- ① Up to four of the following zone sensor options, one per zone, may be installed per zone panel or zone expander: AZONE940, ZZSENSAL400, or ZSENS930.
- ② Z-wave sensor may be added to 1050 built-in bridge.
- ③ Use one wireless or wired sensor per zone.

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# AccuLink™ Zoning Component Overview (Cont.)

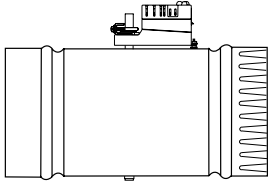
## Zoned 24V System



- ① Up to four of the following zone sensor options, one per zone, may be installed per zone panel or zone expander: AZONE940, ZZSENSAL400, or ZSENS930
- ② Can alternatively be connected to the Relay Panel
- ③ Z-wave sensor may be added to 1050 built-in bridge.
- ④ Use one wireless or wired sensor per zone.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

## 24 Volt Modulating Dampers



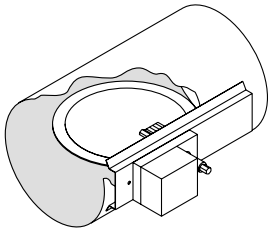
**Round Dampers**

### Round Dampers

- 24 VAC Powered open/Powered closed
- Three wire connection - 18 gauge
- 1.5 VA damper actuator with 60 second travel time
- 18 in. lbs. of torque
- Manual gear release
- Screw terminal blocks
- Flexible shutoff seal provides 98% closure

**Table CCZS-11-A — Specifications: Round Dampers**

Model Number	Power Supply	Description	Fits Round Duct Size
ZDAMPRDMA0004A	24 VAC	Round	4"
ZDAMPRDMA0006A	24 VAC	Round	6"
ZDAMPRDMA0007A	24 VAC	Round	7"
ZDAMPRDMA0008A	24 VAC	Round	8"
ZDAMPRDMA0009A	24 VAC	Round	9"
ZDAMPRDMA0010A	24 VAC	Round	10"
ZDAMPRDMA0012A	24 VAC	Round	12"
ZDAMPRDMA0014A	24 VAC	Round	14"
ZDAMPRDMA0016A	24 VAC	Round	16"
ZDAMPRDMA0018A	24 VAC	Round	18"
ZDAMPRDMA0020A	24 VAC	Round	20"



**Retro-Fit Round Dampers**

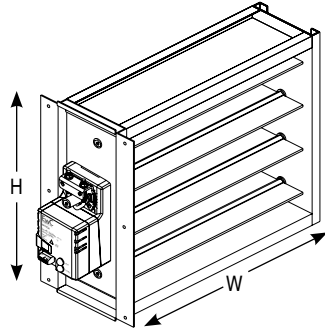
### Retro-Fit Round Dampers

- 24 VAC Powered open/Powered closed
- Three wire connection - 18 gauge
- Slip-In-Design installs quickly
- 1.5 VA damper actuator with 60 second travel time
- 18 in. lbs. of torque
- Manual gear release
- Screw terminal blocks
- Flexible shutoff seal provides 98% closure

**Table CCZS-11-B — Specifications: Retrofit Round Dampers**

Model Number	Power Supply	Description	Fits Round Duct Size
ZDAMPRRMA0004A	24 VAC	Retrofit Round	4"
ZDAMPRRMA0005A	24 VAC	Retrofit Round	5"
ZDAMPRRMA0006A	24 VAC	Retrofit Round	6"
ZDAMPRRMA0007A	24 VAC	Retrofit Round	7"
ZDAMPRRMA0008A	24 VAC	Retrofit Round	8"
ZDAMPRRMA0009A	24 VAC	Retrofit Round	9"
ZDAMPRRMA0010A	24 VAC	Retrofit Round	10"

# 24 Volt Modulating Dampers - Side Mount



## Rectangular Dampers with Side Mount Actuator

- 24 VAC Powered open/Powered closed
- Three wire connection - 18 gauge
- 1.5 VA damper actuator with 60 second travel time
- 18 in. lbs. of torque
- Manual gear release
- Screw terminal blocks
- 97% leak proof rating
- Sturdy aluminum blades and frame
- Motor is always located on the second dimension of the model number, i.e ZDAMP\*MMA1012A will have the motor mounted on the 12" dimension

## Rectangular Dampers with Side Mount Actuator

Table CCZS-12-A — Specifications: Rectangular Dampers with Side Mount Actuator

Model Number	Power Supply	Description	Uncrated Dimensions (in.)	
			W	H
ZDAMPSMMA0806A	24 VAC	Rectangular-Side Mount Actuator	8	6
ZDAMPSMMA0808A	24 VAC	Rectangular-Side Mount Actuator	8	8
ZDAMPSMMA1006A	24 VAC	Rectangular-Side Mount Actuator	10	6
ZDAMPSMMA1008A	24 VAC	Rectangular-Side Mount Actuator	10	8
ZDAMPSMMA1010A	24 VAC	Rectangular-Side Mount Actuator	10	10
ZDAMPSMMA1206A	24 VAC	Rectangular-Side Mount Actuator	12	6
ZDAMPSMMA1208A	24 VAC	Rectangular-Side Mount Actuator	12	8
ZDAMPSMMA1210A	24 VAC	Rectangular-Side Mount Actuator	12	10
ZDAMPSMMA1212A	24 VAC	Rectangular-Side Mount Actuator	12	12
ZDAMPSMMA1406A	24 VAC	Rectangular-Side Mount Actuator	14	6
ZDAMPSMMA1408A	24 VAC	Rectangular-Side Mount Actuator	14	8
ZDAMPSMMA1410A	24 VAC	Rectangular-Side Mount Actuator	14	10
ZDAMPSMMA1412A	24 VAC	Rectangular-Side Mount Actuator	14	12
ZDAMPSMMA1414A	24 VAC	Rectangular-Side Mount Actuator	14	14
ZDAMPSMMA1606A	24 VAC	Rectangular-Side Mount Actuator	16	6
ZDAMPSMMA1608A	24 VAC	Rectangular-Side Mount Actuator	16	8
ZDAMPSMMA1610A	24 VAC	Rectangular-Side Mount Actuator	16	10
ZDAMPSMMA1612A	24 VAC	Rectangular-Side Mount Actuator	16	12
ZDAMPSMMA1614A	24 VAC	Rectangular-Side Mount Actuator	16	14
ZDAMPSMMA1616A	24 VAC	Rectangular-Side Mount Actuator	16	16
ZDAMPSMMA1806A	24 VAC	Rectangular-Side Mount Actuator	18	6
ZDAMPSMMA1808A	24 VAC	Rectangular-Side Mount Actuator	18	8
ZDAMPSMMA1810A	24 VAC	Rectangular-Side Mount Actuator	18	10
ZDAMPSMMA1812A	24 VAC	Rectangular-Side Mount Actuator	18	12
ZDAMPSMMA1814A	24 VAC	Rectangular-Side Mount Actuator	18	14
ZDAMPSMMA1816A	24 VAC	Rectangular-Side Mount Actuator	18	16
ZDAMPSMMA1818A	24 VAC	Rectangular-Side Mount Actuator	18	18
ZDAMPSMMA2006A	24 VAC	Rectangular-Side Mount Actuator	20	6
ZDAMPSMMA2008A	24 VAC	Rectangular-Side Mount Actuator	20	8
ZDAMPSMMA2010A	24 VAC	Rectangular-Side Mount Actuator	20	10
ZDAMPSMMA2012A	24 VAC	Rectangular-Side Mount Actuator	20	12
ZDAMPSMMA2014A	24 VAC	Rectangular-Side Mount Actuator	20	14
ZDAMPSMMA2016A	24 VAC	Rectangular-Side Mount Actuator	20	16
ZDAMPSMMA2018A	24 VAC	Rectangular-Side Mount Actuator	20	18
ZDAMPSMMA2020A	24 VAC	Rectangular-Side Mount Actuator	20	20

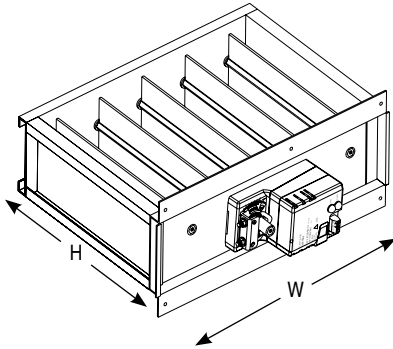
# 24 Volt Modulating Dampers - Side Mount

**Table CCZS-13-A — Specifications: Rectangular Dampers with Side Mount Actuator (continued)**

Model Number	Power Supply	Description	Uncrated Dimensions (in.)	
			W	H
ZDAMPSMMA2206A	24 VAC	Rectangular-Side Mount Actuator	22	6
ZDAMPSMMA2208A	24 VAC	Rectangular-Side Mount Actuator	22	8
ZDAMPSMMA2210A	24 VAC	Rectangular-Side Mount Actuator	22	10
ZDAMPSMMA2212A	24 VAC	Rectangular-Side Mount Actuator	22	12
ZDAMPSMMA2214A	24 VAC	Rectangular-Side Mount Actuator	22	14
ZDAMPSMMA2216A	24 VAC	Rectangular-Side Mount Actuator	22	16
ZDAMPSMMA2218A	24 VAC	Rectangular-Side Mount Actuator	22	18
ZDAMPSMMA2220A	24 VAC	Rectangular-Side Mount Actuator	22	20
ZDAMPSMMA2222A	24 VAC	Rectangular-Side Mount Actuator	22	22
ZDAMPSMMA2406A	24 VAC	Rectangular-Side Mount Actuator	24	6
ZDAMPSMMA2408A	24 VAC	Rectangular-Side Mount Actuator	24	8
ZDAMPSMMA2410A	24 VAC	Rectangular-Side Mount Actuator	24	10
ZDAMPSMMA2412A	24 VAC	Rectangular-Side Mount Actuator	24	12
ZDAMPSMMA2414A	24 VAC	Rectangular-Side Mount Actuator	24	14
ZDAMPSMMA2416A	24 VAC	Rectangular-Side Mount Actuator	24	16
ZDAMPSMMA2418A	24 VAC	Rectangular-Side Mount Actuator	24	18
ZDAMPSMMA2420A	24 VAC	Rectangular-Side Mount Actuator	24	20
ZDAMPSMMA2422A	24 VAC	Rectangular-Side Mount Actuator	24	22
ZDAMPSMMA2424A	24 VAC	Rectangular-Side Mount Actuator	24	24
ZDAMPSMMA2606A	24 VAC	Rectangular-Side Mount Actuator	26	6
ZDAMPSMMA2608A	24 VAC	Rectangular-Side Mount Actuator	26	8
ZDAMPSMMA2610A	24 VAC	Rectangular-Side Mount Actuator	26	10
ZDAMPSMMA2612A	24 VAC	Rectangular-Side Mount Actuator	26	12
ZDAMPSMMA2614A	24 VAC	Rectangular-Side Mount Actuator	26	14
ZDAMPSMMA2616A	24 VAC	Rectangular-Side Mount Actuator	26	16
ZDAMPSMMA2618A	24 VAC	Rectangular-Side Mount Actuator	26	18
ZDAMPSMMA2620A	24 VAC	Rectangular-Side Mount Actuator	26	20
ZDAMPSMMA2622A	24 VAC	Rectangular-Side Mount Actuator	26	22
ZDAMPSMMA2624A	24 VAC	Rectangular-Side Mount Actuator	26	24
ZDAMPSMMA2626A	24 VAC	Rectangular-Side Mount Actuator	26	26
ZDAMPSMMA2806A	24 VAC	Rectangular-Side Mount Actuator	28	6
ZDAMPSMMA2808A	24 VAC	Rectangular-Side Mount Actuator	28	8
ZDAMPSMMA2810A	24 VAC	Rectangular-Side Mount Actuator	28	10
ZDAMPSMMA2812A	24 VAC	Rectangular-Side Mount Actuator	28	12
ZDAMPSMMA2814A	24 VAC	Rectangular-Side Mount Actuator	28	14
ZDAMPSMMA2816A	24 VAC	Rectangular-Side Mount Actuator	28	16
ZDAMPSMMA2818A	24 VAC	Rectangular-Side Mount Actuator	28	18
ZDAMPSMMA2820A	24 VAC	Rectangular-Side Mount Actuator	28	20
ZDAMPSMMA2822A	24 VAC	Rectangular-Side Mount Actuator	28	22
ZDAMPSMMA2824A	24 VAC	Rectangular-Side Mount Actuator	28	24
ZDAMPSMMA2826A	24 VAC	Rectangular-Side Mount Actuator	28	26
ZDAMPSMMA2828A	24 VAC	Rectangular-Side Mount Actuator	28	28
ZDAMPSMMA3006A	24 VAC	Rectangular-Side Mount Actuator	28	6
ZDAMPSMMA3008A	24 VAC	Rectangular-Side Mount Actuator	28	8
ZDAMPSMMA3010A	24 VAC	Rectangular-Side Mount Actuator	28	10
ZDAMPSMMA3012A	24 VAC	Rectangular-Side Mount Actuator	28	12
ZDAMPSMMA3014A	24 VAC	Rectangular-Side Mount Actuator	28	14
ZDAMPSMMA3016A	24 VAC	Rectangular-Side Mount Actuator	28	16
ZDAMPSMMA3018A	24 VAC	Rectangular-Side Mount Actuator	28	18
ZDAMPSMMA3020A	24 VAC	Rectangular-Side Mount Actuator	28	20
ZDAMPSMMA3022A	24 VAC	Rectangular-Side Mount Actuator	28	22
ZDAMPSMMA3024A	24 VAC	Rectangular-Side Mount Actuator	28	24
ZDAMPSMMA3026A	24 VAC	Rectangular-Side Mount Actuator	28	26
ZDAMPSMMA3028A	24 VAC	Rectangular-Side Mount Actuator	28	28
ZDAMPSMMA3030A	24 VAC	Rectangular-Side Mount Actuator	28	30



# 24 Volt Modulating Dampers - Bottom Mount



**Rectangular Dampers with Bottom Mount Actuator**

## Rectangular Dampers with Bottom Mount Actuator

- 24 VAC Powered open/Powered closed
- Three wire connection - 18 gauge
- 1.5 VA damper actuator with 60 second travel time
- 18 in. lbs. of torque
- Manual gear release
- Screw terminal blocks
- 97% leak proof rating
- Sturdy aluminum blades and frame
- Motor is always located on the second dimension of the model number, i.e ZDAMP\*MMA1012A will have the motor mounted on the 12" dimension

**Table CCZS-14-A — Specifications: Rectangular Dampers with Bottom Mount Actuator**

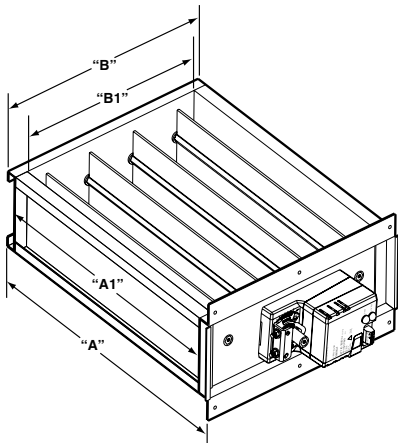
Model Number	Power Supply	Description	Uncrated Dimensions (in.)	
			H	W
ZDAMPBMMMA0810A	24 VAC	Rectangular-Bottom Mount Actuator	8	10
ZDAMPBMMMA0812A	24 VAC	Rectangular-Bottom Mount Actuator	8	12
ZDAMPBMMMA0814A	24 VAC	Rectangular-Bottom Mount Actuator	8	14
ZDAMPBMMMA0816A	24 VAC	Rectangular-Bottom Mount Actuator	8	16
ZDAMPBMMMA0818A	24 VAC	Rectangular-Bottom Mount Actuator	8	18
ZDAMPBMMMA0820A	24 VAC	Rectangular-Bottom Mount Actuator	8	20
ZDAMPBMMMA0822A	24 VAC	Rectangular-Bottom Mount Actuator	8	22
ZDAMPBMMMA0824A	24 VAC	Rectangular-Bottom Mount Actuator	8	24
ZDAMPBMMMA0826A	24 VAC	Rectangular-Bottom Mount Actuator	8	26
ZDAMPBMMMA0828A	24 VAC	Rectangular-Bottom Mount Actuator	8	28
ZDAMPBMMMA0830A	24 VAC	Rectangular-Bottom Mount Actuator	8	30
ZDAMPBMMMA1012A	24 VAC	Rectangular-Bottom Mount Actuator	10	12
ZDAMPBMMMA1014A	24 VAC	Rectangular-Bottom Mount Actuator	10	14
ZDAMPBMMMA1016A	24 VAC	Rectangular-Bottom Mount Actuator	10	16
ZDAMPBMMMA1018A	24 VAC	Rectangular-Bottom Mount Actuator	10	18
ZDAMPBMMMA1020A	24 VAC	Rectangular-Bottom Mount Actuator	10	20
ZDAMPBMMMA1022A	24 VAC	Rectangular-Bottom Mount Actuator	10	22
ZDAMPBMMMA1024A	24 VAC	Rectangular-Bottom Mount Actuator	10	24
ZDAMPBMMMA1026A	24 VAC	Rectangular-Bottom Mount Actuator	10	26
ZDAMPBMMMA1028A	24 VAC	Rectangular-Bottom Mount Actuator	10	28
ZDAMPBMMMA1030A	24 VAC	Rectangular-Bottom Mount Actuator	10	30
ZDAMPBMMMA1214A	24 VAC	Rectangular-Bottom Mount Actuator	12	14
ZDAMPBMMMA1216A	24 VAC	Rectangular-Bottom Mount Actuator	12	16
ZDAMPBMMMA1218A	24 VAC	Rectangular-Bottom Mount Actuator	12	18
ZDAMPBMMMA1220A	24 VAC	Rectangular-Bottom Mount Actuator	12	20
ZDAMPBMMMA1222A	24 VAC	Rectangular-Bottom Mount Actuator	12	22
ZDAMPBMMMA1224A	24 VAC	Rectangular-Bottom Mount Actuator	12	24
ZDAMPBMMMA1226A	24 VAC	Rectangular-Bottom Mount Actuator	12	26
ZDAMPBMMMA1228A	24 VAC	Rectangular-Bottom Mount Actuator	12	28
ZDAMPBMMMA1230A	24 VAC	Rectangular-Bottom Mount Actuator	12	30
ZDAMPBMMMA1416A	24 VAC	Rectangular-Bottom Mount Actuator	14	16
ZDAMPBMMMA1418A	24 VAC	Rectangular-Bottom Mount Actuator	14	18
ZDAMPBMMMA1420A	24 VAC	Rectangular-Bottom Mount Actuator	14	20
ZDAMPBMMMA1422A	24 VAC	Rectangular-Bottom Mount Actuator	14	22
ZDAMPBMMMA1424A	24 VAC	Rectangular-Bottom Mount Actuator	14	24
ZDAMPBMMMA1426A	24 VAC	Rectangular-Bottom Mount Actuator	14	26
ZDAMPBMMMA1428A	24 VAC	Rectangular-Bottom Mount Actuator	14	28
ZDAMPBMMMA1430A	24 VAC	Rectangular-Bottom Mount Actuator	14	30
ZDAMPBMMMA1618A	24 VAC	Rectangular-Bottom Mount Actuator	16	18
ZDAMPBMMMA1620A	24 VAC	Rectangular-Bottom Mount Actuator	16	20
ZDAMPBMMMA1622A	24 VAC	Rectangular-Bottom Mount Actuator	16	22
ZDAMPBMMMA1624A	24 VAC	Rectangular-Bottom Mount Actuator	16	24
ZDAMPBMMMA1626A	24 VAC	Rectangular-Bottom Mount Actuator	16	26
ZDAMPBMMMA1628A	24 VAC	Rectangular-Bottom Mount Actuator	16	28
ZDAMPBMMMA1630A	24 VAC	Rectangular-Bottom Mount Actuator	16	30
ZDAMPBMMMA1820A	24 VAC	Rectangular-Bottom Mount Actuator	18	20
ZDAMPBMMMA1822A	24 VAC	Rectangular-Bottom Mount Actuator	18	22
ZDAMPBMMMA1824A	24 VAC	Rectangular-Bottom Mount Actuator	18	24
ZDAMPBMMMA1826A	24 VAC	Rectangular-Bottom Mount Actuator	18	26
ZDAMPBMMMA2022A	24 VAC	Rectangular-Bottom Mount Actuator	20	22
ZDAMPBMMMA2024A	24 VAC	Rectangular-Bottom Mount Actuator	20	24

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# 24 Volt Modulating Dampers

Table CCZS-15-A — Rectangular Damper Net Free Area



Listed Size	Actual Outside Size	Actual Inside Size	8	10	12	14	16	18	20	22	24	26	28	30	Listed Size	High
			7.813	9.813	11.813	13.813	15.813	17.813	19.813	21.813	23.813	25.813	27.813	29.813	Act. Outside Size B	
Wide	A	A1	5.813	7.813	9.813	11.813	13.813	15.813	17.813	19.813	21.813	23.813	25.813	27.813	Act. Inside Size B1	No. of Blades
			3	3	4	5	6	7	7	8	9	10	11	11		
6	5.812	4.313	19.5	28.1	34.9	41.6	48.6	55.1	63.8	70.5	77.3	84.0	90.8	99.4		
8	7.812	6.313	28.5	41.1	51.0	60.9	70.8	80.7	93.3	103.2	113.1	123.0	132.9	145.5		
10	9.812	8.313	37.5	54.2	67.2	80.2	93.2	106.3	122.9	135.9	148.9	162.0	175.0	191.6		
12	11.812	10.313	46.5	67.2	83.3	99.5	115.7	131.8	152.5	168.6	184.8	200.9	217.1	237.7		
14	13.812	12.313	55.6	80.2	99.5	118.8	138.1	157.4	182.0	201.3	220.6	239.9	259.2	283.8		
16	15.812	14.313	64.6	93.2	115.7	138.1	160.5	183.0	211.6	234.0	256.4	278.9	301.3	329.9		
18	17.812	16.313	73.6	106.3	131.8	157.4	183.0	208.5	241.1	266.7	292.3	317.8	343.4	376.0		
20	19.812	18.313	82.7	119.3	148.0	176.7	205.4	234.1	270.7	299.4	328.1	356.8	385.5	422.1		
22	21.812	20.313	91.7	132.3	164.2	196.0	227.8	259.6	300.3	332.1	363.9	395.8	427.6	468.2		
24	23.812	22.313	100.7	145.4	180.3	215.3	250.2	285.2	329.8	364.8	399.8	435.2	469.7	514.3		
26	25.812	24.313	109.8	158.4	196.5	234.6	272.7	310.8	359.4	397.5	435.6	473.7	511.8	560.4		
28	27.812	26.313	118.8	171.4	212.6	253.9	295.1	336.3	389.0	430.2	471.4	512.7	553.8	606.5		
30	29.812	28.313	127.8	184.4	228.8	273.2	317.5	361.9	418.5	462.9	507.3	551.6	596.0	652.6		

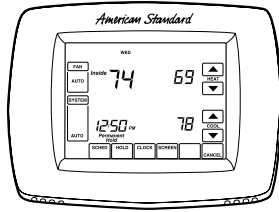
For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

CCZS-15

Effective 1/1/18  
14-1011-35

Comfort Controls/Zone Sensors

# Programmable 7 Day Comfort Controls



**ACONT800A**

**ACONT800AS11AA**

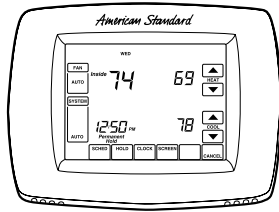
- Interactive Touchscreen
- Effortless Programming
- Large, Backlit Display
- Streamlined Design
- Armchair Programming
- Real Time Clock
- Visual Reminder Cues
- BAYCOVR600A - Wall cover plate
- Energy Saver

**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 x 1.35" d
- Finish: Bright White



**ACONT802A**

**ACONT802AS32DA**

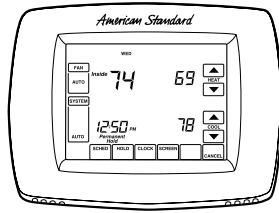
- Interactive Touchscreen
- Effortless Programming
- Large, Backlit Display
- Streamlined Design
- Armchair Programming
- Real Time Clock
- Visual Reminder Cues
- BAYCOVR600A - Wall cover plate
- Energy Saver

**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 x 1.35" d
- Finish: Bright White



**ACONT803A**

**ACONT803AS32DA**

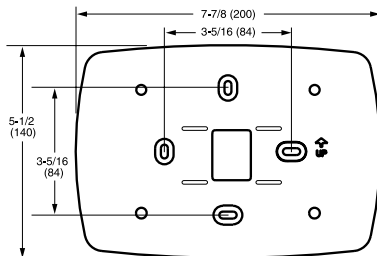
- Built-in Humidity Sensor
- Dehumidification Control
- Interactive Touchscreen
- Effortless Programming
- Large, Backlit Display
- Streamlined Design
- Armchair Programming
- Real Time Clock
- Visual Reminder Cues
- BAYCOVR600A - Wall cover plate
- Energy Saver

**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 x 1.35" d
- Finish: Bright White



**BAYCOVR600A**

**BAYCOVR600A**

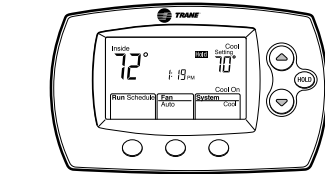
**Application:**

- Use with ACONT800/900A Series Comfort Controls

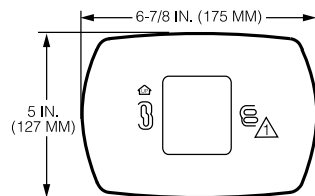
**Dimensions:**

- 7.87" w x 5.50" h
- Finish: Bright White

## Programmable 5/2 Day Comfort Controls

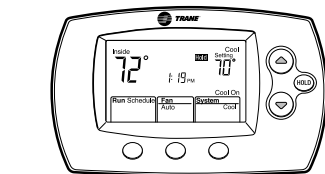


**ACONT600A**

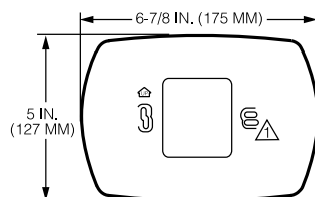


MEDIUM COVER PLATE

**BAYCOVR700A**



**ACONT602A**



MEDIUM COVER PLATE

**BAYCOVR700A**

### ACONT600AF11MA

#### 1 Heat/1 Cool

- 5/2 or 5/1/1 Programming
- Simple to Install and Use
- Front Wired (Wires attach to wall plates)
- Standard Wiring Terminal Block
- Easy to follow Sequential Programming
- Inside and set temperatures displayed simultaneously
- No auxiliary heat capability
- Plain language (no symbols)
- Easy battery access
- Easy to understand soft key controls
- BAYCOVR700A - Wall cover plate
- 6.87" w x 5.0" h  
Finish: Bright White

### ACONT602AF22MA

#### 2 Heat/2 Cool

- 5/2 or 5/1/1 Programming
- Simple to Install and Use
- Front Wired (Wires attach to wall plates)
- 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
- BAYCOVR700A - Wall cover plate
- 6.87" w x 5.0" h  
Finish: Bright White

#### Application:

- 1 stage heat pump, 0 stage Aux Heat
- 1 stage cool, 1 stage heat (Gas, electric, or oil)
- 1 stage cool, 0 stage heat
- 0 stage cool, 1 stage heat (Gas, electric, or oil)

#### Dimensions:

- 5.81" w x 3.56" h x 1.50" d
- Finish: Bright White

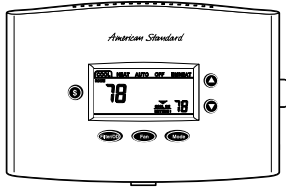
#### Application:

- 1 stage cool, 1 stage heat
- 2 stage cool, 1 stage heat
- 1 stage cool, 2 stage heat
- 2 stage cool, 2 stage heat
- 1 stage cool, 0 stage heat
- 0 stage cool, 1 stage heat (Gas, electric, or oil)
- 1 stage heat pump, 0 stage Aux Heat
- 1 stage heat pump, 1 stage Aux Heat

#### Dimensions:

- 5.81" w x 3.56" h x 1.50" d
- Finish: Bright White

# Non-Programmable Comfort Controls



**ACONT402A**

## ACONT402AN32DA

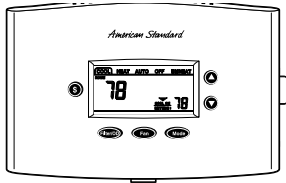
Auto Changeover  
Backlit Display & Keys  
Comfort Information Compartment  
Energy Savings Mode  
Filter Reminder  
BAYSEN01ATEMPAA-Outdoor  
Temperature Sensor included\*  
Keypad Lock

**Application** (3-9 Wire Hookup -2  
for Outdoor Sensor) Heat Pump\*  
or A/C  
3 Heat/2 Cool  
No external Dual Fuel Kit Required  
Do not use with TAYPLUS103A  
ZZSENSAL0400AA - Remote Indoor  
Temperature Sensor

### Dimensions:

6.75" w x 4.52" h x 1.20" d  
Finish: Bright White

- \* Requires external relay for oil furnace applications.
- \* Installation is required for outdoor temperature sensing and display



**ACONT401A**

## ACONT401AN21MA

Auto Changeover  
Backlit Display & Keys  
Comfort Information Compartment  
Energy Savings Mode  
Filter Reminder  
Outdoor Temperature Sensor  
Keypad Lock

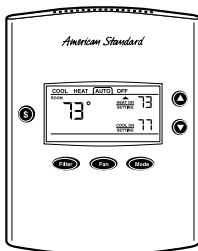
**Application** (3-9 Wire Hookup -2  
for Outdoor Sensor) Heat Pump\*  
or A/C  
1 Stage Heat Pump\*\*, 1 Stage Aux Heat  
1 Stage Heat Pump\*\*, 0 Stage Aux Heat  
1 Stage Cool, 2 Stage Heat  
(Gas, Electric or Oil\*)  
1 Stage Cool, 1 Stage Heat  
(Gas, Electric or Oil\*)

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 x 1.20" d  
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



**ACONT200A**

## ACONT200AN11AA ①

Auto Changeover  
Backlit Display & Keys  
Comfort Information Compar<sup>TM</sup>ment  
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

### Dimensions:

4.25" w x 5.33" h x 1.20" d

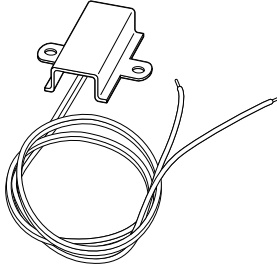
① Power Stealing 4 Wire - Resistor Terminal in Box. 4 - wire system to supply power with heating mode; both resistors must be installed for proper operation.

## Remote Sensors



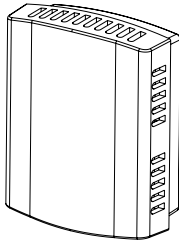
### BAYSEN02ATEMPA

- Outdoor Temperature Sensor for use with ACONT800, 802, 803
- Accuracy +/- 1°F from -40 to 120°F



### BAYSEN01ATEMPA

- Outdoor Temperature Sensor for use with AZON1050AC, AZONE950AC, ACONT850AC, ACONT824AS, ACONT624AS, ACONT402AN, ACONT401AN, BAY24VRPAC52D\*.
- Accuracy
  - +/- 1.5°F over 32°F to 100°F
- Display Range
  - -40°F to 140°F

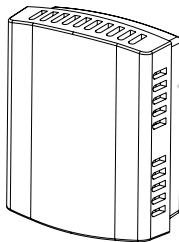


### ZZSENSAL0400AA

- Indoor Wired Sensor for use with AZON1050AC, AZONE950AC, ACONT850AC, ACONT824AS, ACONT624AS, ACONT402AN, BAY24VRPAC52D\*.
- 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)w x 1.93 (49)h x .625 (1.6)d
- Storage Temperature: -40° to 140°F (-40° to 60°C)
- Finish: White

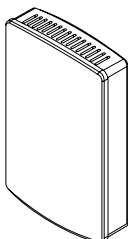


### ZZSENSAL0800AA

- Indoor Wired Temperature Sensor for use with ACONT800, ACONT802, ACONT803
- Operating Ambient Temperature Range: 20° to 120°F (-6.7° to 48.9°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):

- 1.54 (39)w x 1.93 (49)h x .625 (16)d
- Storage Temperature: -40° to 140°F (-40° to 60°C)
- Finish: White



### ZSENS930AW00MA

- Indoor Wireless Temperature and Humidity Sensor for use with ACONT824, ACONT850, AZON1050
- Operating Ambient Temperature Range: 32° to 104°F (0° to 40°C)
- Power Supply: Two AAA alkaline batteries
- Sensor Accuracy: +/-1°F over the sensing range of 32°F to 120°F (0° to 48.9°C)
- Operating Relative Humidity: 10% to 90% non-condensing

#### Dimensions in in. (mm):

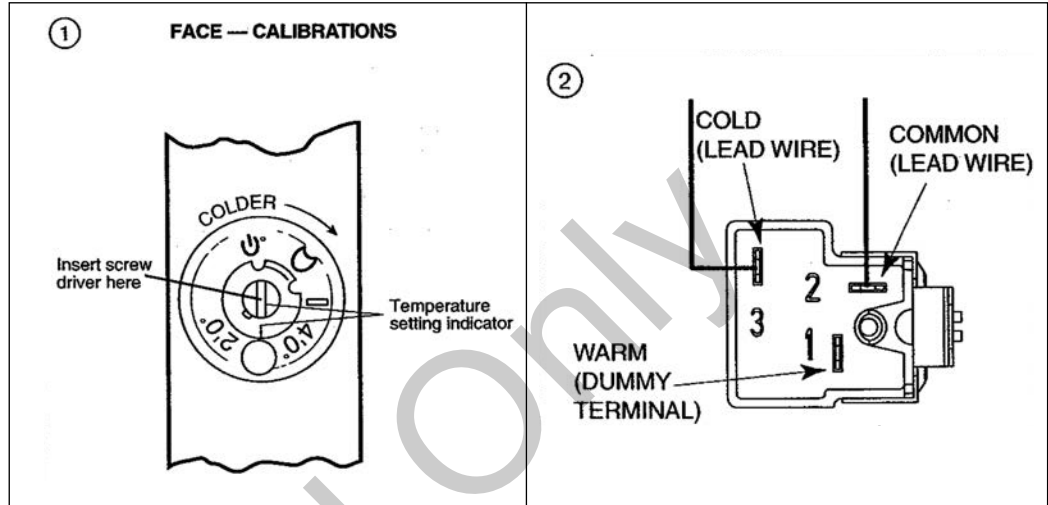
- 2.0" (51)w x 3.25" (83)h x .6 (15)d
- Storage Temperature: -40° to 140°F (-40° to 65°C)
- Finish: White



# 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.



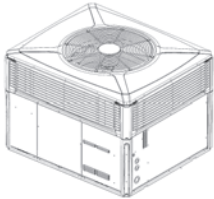
Read Only

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**American Standard®**  
HEATING & AIR CONDITIONING

# Packaged Cooling Convertible 2-5 Tons

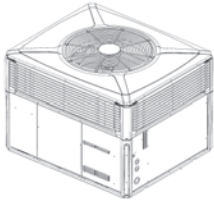
Packaged Cooling



**4TCY5**

**Table PK-1-A — 4TCY5 - Gold 15 - Convertible Packaged Cooling - R-410A**

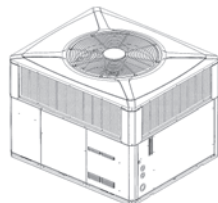
Model Number	Cooling Capacity (Btuh)	SEER/EER	Shipping Weight	MCA	Max Fuse	Sound Rating	Uncrated Dimensions (in.) H x D x W
<b>4TCY5 – 208-230/1/60</b>							
4TCY5024A1000A	23,800	15.00/12.00	388	18.4	25	65	36 x 42 x 49
4TCY5030A1000A	28,400	15.00/12.00	418	21.2	30	70	38 x 42 x 49
4TCY5036A1000A	36,000	15.00/12.00	422	23.8	35	69	38 x 42 x 49
4TCY5042A1000A	40,500	15.00/12.00	547	28.6	45	71	38 x 45 x 59
4TCY5048A1000A	48,000	15.00/12.00	570	34.2	50	71	42 x 45 x 59
4TCY5060A1000A	57,500	15.00/11.40	582	44.4	60	73	42 x 45 x 59



**4TCY4**  
(3-phase only)

**Table PK-1-B — 4TCY4 - Gold 14 - Convertible Packaged Cooling - R-410A**

Model Number	Cooling Capacity (Btuh)	SEER/EER	Shipping Weight	MCA	Max Fuse	Sound Rating	Uncrated Dimensions (in.) H x D x W
<b>4TCY4 – 208-230/3/60</b>							
4TCY4036B3000A	38,000	14.20/12.00	450	19.8	30	69	38 x 42 x 49
4TCY4048B3000A	48,000	14.30/11.90	607	26.4	40	72	38 x 45 x 59
4TCY4060A3000B	60,000	14.30/12.00	612	30.6	45	76	42 x 45 x 59



**4TCC4**

**Table PK-1-C — 4TCC4 - Silver 14 - Convertible Packaged Cooling - R-410A**

Model Number	Cooling Capacity (Btuh)	SEER/EER	Shipping Weight	MCA	Max Fuse	Sound Rating	Cabinet Dimensions (in.) H x D x W
<b>4TCC4 – 208-230/1/60</b>							
4TCC4024A1000A	24,600	14.00/12.00	432	19.1	30	67	36 x 42 x 49
4TCC4030A1000A	28,200	14.00/12.00	451	22.6	35	69	36 x 42 x 49
4TCC4036A1000A	37,000	14.00/12.00	453	24.5	40	69	38 x 42 x 49
4TCC4042A1000A	40,500	14.00/12.00	561	28.5	45	75	36 x 45 x 59
4TCC4048A1000A	46,500	14.00/11.50	557	32.0	50	73	40 x 45 x 59
4TCC4060A1000A	58,000	14.00/11.50	586	39.1	60	73	40 x 45 x 59

Ready

**For dimensional/outline drawings, please refer to Product Data.  
For information on Roof Curbs, please refer to the Accessories/Information Tab.**

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

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**American Standard**  
HEATING & AIR CONDITIONING

# Packaged Cooling Convertible 2-5 Tons

**Table PK-2-A — Features**

	4TCY5 2-5	4TCY4 3-5	4TCC4 2-5
• SEER up to.....	15.00	14.25	14.00
• Exclusive <b>Duration</b> ™ high efficiency compressor with internal overload protection.....	✓	✓	✓
• Factory supplied charge.....	R-410A	R-410A	R-410A
• Composite <b>Vortica</b> ® indoor blower.....	✓	✓	✓
• Direct drive, variable speed ECM blower motor **.....	✓	✓	—
• Direct drive, multi-speed ECM blower motor (high efficiency)*.....	—	—	✓
• All aluminum <b>Spine Fin</b> ™ outdoor coil.....	✓	✓	✓
• Swept-blade outdoor fan for quiet operation.....	✓	✓	✓
• Architecturally integrated louvers and corner guards.....	✓	✓	—
• All steel louvers.....	—	—	✓
• Polyslate gray cabinet.....	✓	✓	✓
• Single stage cooling.....	2-3½	✓	✓
• Two stage cooling.....	4, 5	—	—
• High pressure cutout.....	✓	✓	✓
• Low pressure cutout.....	✓	✓	✓
• Liquid line drier - factory installed.....	✓	✓	✓
• Non-bleed expansion valves on indoor coil.....	✓	✓	✓
• Pressure taps, including liquid line taps, easily accessed and protected inside compressor compartment.....	✓	✓	✓
• Right side electrical service access for high and low voltage connections.....	✓	✓	✓
• Rugged steel basepan features deep drawn duct connections.....	✓	✓	✓
• Steeply sloped composite drainpan.....	✓	✓	✓
• Ships in horizontal configuration and converts quickly for downflow.....	✓	✓	✓
• Copper tube, aluminum fin indoor coil.....	3,4,& 5	✓	5
• All aluminum indoor coil.....	2, 2½, 3½	—	2-4
• All models are certified to UL 1995.....	✓	✓	✓
• <b>10-year compressor, 10-year coils &amp; all other functional parts registered limited warranty (Residential Use)</b> ①.....	✓	✓	✓
• <b>Extended warranties available</b> .....	✓	✓	✓

① Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at americanstandardair.com or by phone at 800-554-8005; otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.

\* Constant torque ECM (electronically commutated motor).

\*\* Constant airflow ECM (electronically commutated motor).

**For dimensional/outline drawings, please refer to Product Data.**

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

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

# Packaged Cooling Convertible 2-5 Tons

**Table PK-3-A — Accessories**

Model Number	Description	Shipping Weight	4TCY5 2-5	4TCY4 3-5	4TCC4 2-5
BAYACCDOR1A	Hinged Filter Access Door <sup>⑩</sup>		2-3	2-3	2-3
BAYACCDOR2A	Hinged Filter Access Door <sup>⑩</sup>		3½-5	3½-5	3½-5
BAYACCEADP1A	Adaptor Kit for Installation of AccuClean™ and 5" Media Filter (Horizontal) <sup>⑨</sup>	10	2-3	3	2-3
BAYACCEADP2A	Adaptor Kit for Installation of AccuClean™ and 5" Media Filter (Horizontal) <sup>⑨</sup>	12	3½-5	3½-5	3½-5
BAYADAP050A	Adapter Curb (Cabinet A/B)		2-3	2-3	2-3
BAYADAP051A	Adapter Curb (Cabinet C)		2-3	2-3	2-3
BAYADAP052A	Adapter Curb (Cabinet A/B)		3½-5	3½-5	3½-5
BAYADAP053A	Adapter Curb (Cabinet C)		3½-5	3½-5	3½-5
BAYADAP054A	Adapter Curb (Cabinet D)		3½-5	3½-5	3½-5
BAYASCT001	Anti-Short Cycle Timer <sup>④</sup>		✓	✓	—
BAYCCHT102A	Crankcase Heater (230V) (Scroll)		3½-5	3½-5	3½-5
BAYCCHT103A	Crankcase Heater (230V) (Scroll)		2-3	3	2-3
BAYCOVR112A	12" Duct Shroud (Covers Horizontal Ducts) <sup>⑤</sup>		2-5	2-5	2-5
BAYCOVR118A	18" Duct Shroud (Covers Horizontal Ducts) <sup>⑤</sup>		2-5	2-5	2-5
BAYCURB050A	Flat Roof Full Perimeter Curb (Insulated)	74	2-3	3	2-3
BAYCURB051A	Flat Roof Full Perimeter Curb (Insulated)	74	3½-5	3½-5	3½-5
BAYDMPR101A	2-Position Motorized Fresh Air Damper <sup>①⑥⑦⑧⑨</sup>		2-3	2-3	2-3
BAYDMPR102A	2-Position Motorized Fresh Air Damper <sup>①⑥⑦⑧⑨</sup>		3½-5	3½-5	3½-5
BAYECON101A	Economizer with Barometric Relief (Downflow) <sup>①②③④⑩</sup>	50	2-3	2-3	2-3
BAYECON102A	Economizer with Barometric Relief (Downflow) <sup>①②③④⑩</sup>	65	3½-5	3½-5	3½-5
BAYECON104AB	Economizer with Barometric Relief (Downflow) <sup>①②③④⑩</sup>	65	4-5	—	—
BAYECON200A	Economizer (Horizontal) <sup>①②③⑥</sup>	85	2-3	2-3	2-3
BAYECON201A	Economizer (Horizontal) <sup>①②③⑥</sup>	85	3½	3½-5	3½-5
BAYECON204A	Economizer (Horizontal) <sup>①②③⑥</sup>	85	4-5	—	—
BAYENTH001A	Enthalpy Control Kit <sup>②</sup>	2	✓	✓	✓
BAYEXMK001A	Extreme Conditions Mounting Kit (Used on BAYCURB & BAYADAP)		✓	✓	✓
BAYEXMK002B	Extreme Conditions Mounting Kit (Used on BAYUTIL)		✓	✓	✓
BAYEXMK003A	Extreme Conditions Mounting Kit (Used on Slab Mounts)		✓	✓	✓
BAYFLTR101C	1-2" Filter Frame (requires one 18x25 filter which is not included) <sup>①</sup>	6	2-3	2-3	2-3
BAYFLTR201C	1-2" Filter Frame (requires one 18x20 and one 18x18 filter which are not included) <sup>①②</sup>	6	3½-5	3½-5	3½-5
BAYLIFT002B	Lifting Lug Kit	5	✓	✓	✓
BAYLOAM011A	Evaporator Defrost Control Kit		✓	✓	✓
BAYLOAM105A	Low Ambient Control Kit	5	✓	✓	✓
BAYOSAH001A	Manual Fresh Air Damper <sup>①</sup>	6	2-3	2-3	2-3
BAYOSAH002A	Manual Fresh Air Damper <sup>①</sup>	8	3½-5	3½-5	3½-5
BAYQSTK300A	Start Kit		✓	—	✓
BAYSQRD001A	16" Round Duct Adapter <sup>⑩</sup>	5	2-3	2-3	2-3
BAYSQRD002A	18" Round Duct Adapter <sup>⑩</sup>	3	2-5	2-5	2-5
BAYUTIL101B	Roof Curb Utility Extension Kit		2-3	2-3	2-3
BAYUTIL102B	Roof Curb Utility Extension Kit		3½-5	3½-5	3½-5

- ① Must use filter frame when economizer/fresh air kit is used.
- ② Dry bulb control standard with economizer.
- ③ 2-Stage cooling control required when using economizer.
- ④ Do not use with electronic thermostats.
- ⑤ BAYCOVR112,118A will not cover BAYSQRD002A applications.
- ⑥ Does not contain barometric relief.
- ⑦ Max fresh air - 25%.
- ⑧ For non-continuous fan gas-heating applications, the damper opens only when the OD ambient is above 50° F.
- ⑨ It is the designer/engineer/installer's responsibility to review product specifications and technical literature to insure optimal performance and compliance to codes.
- ⑩ Temperature of mixed air entering the heat exchanger is monitored and fresh air intake may be reduced under certain conditions.
- ⑪ BAYACCDOR1A requires BAYFLTR101B & BAYACCDOR2A requires BAYFLTR201B. They are not backward compatible to BAYFLTR101/201A.
- ⑫ When using a BAYACCDOR2A, two 18x20 filters are required.

EXISTING CURB	NEW UNIT 4TCY4/5	USE BAYADAP0**A
BAYCURB030,38A	024-036	50
BAYCURB030,38A	042-060	52
BAYCURB033A	024-036	51
BAYCURB033A	042-060	53
BAYCURB034A	042-060	54

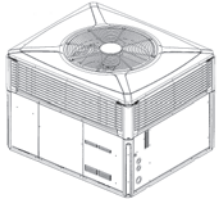
**For dimensional/outline drawings, please refer to Product Data.  
 For information on Roof Curbs, please refer to the Accessories/Information Tab.**

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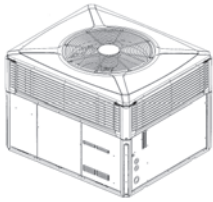
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HEATING &amp; AIR CONDITIONING

**Packaged Hybrid/Dual Fuel  
Convertible 2-5 Tons****4DCZ6****Table PK-4-A — 4DCZ6 - Platinum 16 - Convertible Packaged Dual Fuel - R-410A**

Model Number	Cooling Capacity (BTUH)	Gas Capacity Heating Output (1 Stg./2 Stg.)	SEER/EER	HSPF	AFUE(%)	Shipping Weight	MCA	Max Fuse	Sound Rating	Uncrated Dimensions (in.) H x D x W
<b>4DCZ6 – 208-230/1/60</b>										
4DCZ6036C1070A	36,000	45,000/57,000	16.00/12.20	8.30	81.0	488	24.3	35	70	38 x 42 x 49
4DCZ6048C1090A	47,500	58,000/73,000	16.00/12.00	8.50	81.0	665	34.2	50	72	42 x 45 x 59
4DCZ6060C1115A	57,000	75,000/93,000	15.00/11.50	8.30	81.0	676	42.0	60	74	42 x 45 x 59
<b>4DCZ6 – 208-230/3/60</b>										
4DCZ6036B3075A	36,000	48,400/60,000	16.00/12.20	8.30	79.5	488	19.7	30	70	38 x 42 x 49
4DCZ6048B3096A	47,500	62,000/77,000	16.00/12.00	8.50	80.0	665	25.2	35	72	42 x 45 x 59
4DCZ6060B3120A	57,000	77,500/96,000	15.00/11.50	8.30	80.0	676	30.0	45	74	42 x 45 x 59

**4DCY4****Table PK-4-B — 4DCY4 - Gold 14 - Convertible Packaged Dual Fuel - R-410A**

Model Number	Cooling Capacity (BTUH)	Gas Capacity Heating Output (1 Stg./2 Stg.)	SEER/EER	HSPF	AFUE(%)	Shipping Weight	MCA	Max Fuse	Sound Rating	Uncrated Dimensions (in.) H x D x W
<b>4DCY4 – 208-230/1/60</b>										
4DCY4024C1060A	23,600	39,000/49,000	14.00/12.00	8.00	81.0	481	16.1	25	68	36 x 42 x 49
4DCY4030C1070A	30,000	45,000/57,000	14.25/12.00	8.00	81.0	481	19.1	30	76	38 x 42 x 49
4DCY4024D1060A	23,600	39,000/49,000	14.00/12.00	8.00	81.0	481	16.1	25	68	36 x 42 x 49
4DCY4030D1070A	30,000	45,000/57,000	14.25/12.00	8.00	81.0	481	19.1	30	76	38 x 42 x 49
4DCY4036C1070A	37,000	45,000/57,000	14.00/12.00	8.00	81.0	488	26.2	40	69	38 x 42 x 49
4DCY4042C1090A	42,000	58,000/73,000	14.00/12.00	8.00	81.0	653	30.8	45	74	38 x 45 x 59
4DCY4048C1090A	47,500	58,000/73,000	14.00/12.00	8.00	81.0	653	35.5	50	73	42 x 45 x 59
4DCY4060C1115A	58,000	75,000/93,000	14.00/12.00	8.00	81.0	676	39.9	60	76	42 x 45 x 59
<b>4DCY4 – 208-230/3/60</b>										
4DCY4036B3075A	36,000	48,400/60,000	14.00/11.40	8.00	79.5	488	19.8	30	69	38 x 42 x 49
4DCY4048A3096C	47,000	62,000/77,000	14.30/10.85	8.00	80.0	653	26.4	40	73	42 x 45 x 59
4DCY4060A3120C	57,500	77,500/96,000	14.00/11.50	8.00	80.0	676	30.6	60	76	42 x 45 x 59

**For dimensional/outline drawings, please refer to Product Data.****For information on Roof Curbs, please refer to the Accessories/Information Tab.**

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

# Packaged Hybrid/Dual Fuel Convertible 2-5 Tons

**Table PK-5-A — Features**

	4DCZ6 3-5	4DCY4 2-5
• SEER up to.....	16.00	14.25
• HSPF up to.....	8.50	8.00
• Exclusive <b>Duration™</b> high efficiency compressor with internal overload protection.....	✓	✓
• Factory supplied charge.....	R-410A	R-410A
• Composite <b>Vortica®</b> indoor blower.....	✓	✓
• Direct drive, variable speed ECM blower motor **.....	✓	✓
• All aluminum <b>Spine Fin™</b> outdoor coil.....	✓	✓
• Swept-blade outdoor fan for quiet operation.....	✓	✓
• Architecturally integrated louvers and corner guards.....	✓	✓
• Polyslate gray cabinet.....	✓	✓
• Stainless steel heat exchanger and burners.....	✓	✓
• Single stage heating & cooling.....	—	✓
• Two stage heating & cooling.....	✓	—
• 2-stage gas.....	✓	✓
• Start kit - factory installed (single phase only).....	—	2, 2½
• High pressure cutout.....	✓	✓
• Low pressure cutout.....	✓	✓
• Liquid line drier - factory installed.....	✓	✓
• Non-bleed expansion valves on indoor and outdoor coils.....	✓	✓
• Pressure taps, including liquid line taps, easily accessed and protected inside compressor compartment.....	✓	✓
• Right side electrical service access for high and low voltage connections.....	✓	✓
• Rugged steel basepan features deep drawn duct connections.....	✓	✓
• Steeply sloped composite drainpan.....	✓	✓
• Ships in horizontal configuration and converts quickly for downflow.....	✓	✓
• Copper tube, aluminum fin indoor coil.....	✓	✓
• All models are certified to UL 1995.....	✓	✓
• <b>20-year heat exchanger, 12-year compressor, 10-year coils, &amp; 10-year all other functional parts registered limited warranty (Residential Use)①</b> .....	✓	—
• <b>20-year heat exchanger, 10-year compressor, 10-year coils, &amp; 10-year all other functional parts registered limited warranty (Residential Use)①</b> .....	—	✓
• <b>Extended Warranties Available</b> .....	✓	✓

① Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at americanstandardair.com or by phone at 800-554-8005; otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.

\*\*Constant airflow ECM (electronically commutated motor).

**For dimensional/outline drawings, please refer to Product Data.  
 For information on Roof Curbs, please refer to the Accessories/Information Tab.**



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# Packaged Hybrid/Dual Fuel Convertible 2-5 Tons

**Table PK-6-A — Accessories**

Model Number	Description	Shipping Weight	4DCZ6 3-5	4DCY4 2-5
BAYACCDOR1A	Hinged Filter Access Door®		3	2-3
BAYACCDOR2A	Hinged Filter Access Door®		4-5	3½-5
BAYACCEADP1A	Adaptor Kit for Installation of AccuClean™ and 5" Media Filter (Horizontal)®	10	2-3	2-3
BAYACCEADP2A	Adaptor Kit for Installation of AccuClean™ and 5" Media Filter (Horizontal)®	12	3½-5	3½-5
BAYADAP050A	Adapter Curb (Cabinet A/B)		3	2-3
BAYADAP051A	Adapter Curb (Cabinet C)		3	2-3
BAYADAP052A	Adapter Curb (Cabinet A/B)		4-5	3½-5
BAYADAP053A	Adapter Curb (Cabinet C)		4-5	3½-5
BAYADAP054A	Adapter Curb (Cabinet D)		4-5	3½-5
BAYASCT001	Anti-Short Cycle Timer①		✓	✓
BAYCCHT101A	Crankcase Heater (230V) (Reciprocating)		—	2-2½
BAYCCHT102A	Crankcase Heater (230V) (Scroll)		4,5	3½-5
BAYCCHT103A	Crankcase Heater (230V) (Scroll)		3	3
BAYCCHT404B	Crankcase Heater (460V) (Scroll)		4,5	—
BATCCHT405A	Crankcase Heater (460V) (Scroll)		3	—
BAYCOVR112A	12" Duct Shroud (Covers Horizontal Ducts)®		3-5	2-5
BAYCOVR118A	18" Duct Shroud (Covers Horizontal Ducts)®		3-5	2-5
BAYCURB050A	Flat Roof Full Perimeter Curb (Insulated)	74	3	2-3
BAYCURB051A	Flat Roof Full Perimeter Curb (Insulated)	74	4-5	3½-5
BAYDMPR101A	2-Position Motorized Damper②⑦⑧⑨⑩		3	2-3
BAYDMPR102A	2-Position Motorized Damper②⑦⑧⑨⑩		4-5	3½-5
BAYECON101A	Economizer with Barometric Relief (Downflow)①②③④⑤⑥		—	2-3
BAYECON102A	Economizer with Barometric Relief (Downflow)①②③④⑤⑥		—	3½-5
BAYECON103A	Economizer with Barometric Relief (Downflow)①②③④⑤⑥	50	3	—
BAYECON104A	Economizer with Barometric Relief (Downflow)①②③④⑤⑥	65	4-5	—
BAYECON200A	Economizer (Horizontal)①②③④⑦		—	2-3
BAYECON201A	Economizer (Horizontal)①②③④⑦		—	3½-5
BAYECON203A	Economizer (Horizontal)①②③④⑦	85	3	—
BAYECON204A	Economizer (Horizontal)①②③④⑦	85	4-5	—
BAYENTH001A	Enthalpy Control Kit③	2	✓	✓
BAYEXMK001A	Extreme Conditions Mounting Kit		✓	✓
BAYEXMK002B	Extreme Conditions Mounting Kit		✓	✓
BAYEXMK003A	Extreme Conditions Mounting Kit (Used on Slab Mounts)		✓	✓
BAYFLTR101C	1-2" Filter Frame②-Requires one 18x25 filter (not included)	6	3	2-3
BAYFLTR201C	1-2" Filter Frame②④-Requires one 18x20 and one 18x18 (not included)	6	4-5	3½-5
BAYLIFT002B	Lifting Lug Kit	5	✓	✓
BAYLOAM105A	Low Ambient Control Kit	5	✓	✓
BAYRLAY004A	Economizer Relay①		—	✓
BAYRLAY006A	Economizer Relay①	1	✓	—
BAYOSAC001B	Outside Air Control for V.S. Economizer®		3,4,5	—
BAYOSAH001A	Manual Fresh Air Damper②	6	3	2-3
BAYOSAH002A	Manual Fresh Air Damper②	8	4-5	3½-5
BAYQSTK300A	Start Kit		✓	✓
BAYSQRD001A	16" Round Duct Adapter®	5	3	2-3
BAYSQRD002A	18" Round Duct Adapter®	3	4-5	2-5
BAYUTIL101B	Roof Curb Extension Kit		3	2-3
BAYUTIL102B	Roof Curb Extension Kit		4-5	3½-5

- ① Relay required with economizer on all heat pump applications.
- ② Must use filter frame when economizer/fresh air kit is used.
- ③ Dry bulb control standard with economizer.
- ④ 2-Stage cooling control required when using economizer.
- ⑤ It is the responsibility of the installing dealer to properly size the ductwork for each specific application.
- ⑥ BAYCOVR112,118A will not cover BAYSQRD002A applications.
- ⑦ Does not contain barometric relief.
- ⑧ Max fresh air - 25%.
- ⑨ For non-continuous fan gas-heating applications, the damper opens only when the OD ambient is above 50° F.
- ⑩ It is the designer/engineer/installer's responsibility to review product specifications and technical literature to insure optimal performance and compliance to codes.
- ⑪ Temperature of mixed air entering the heat exchanger is monitored and fresh air intake may be reduced under certain conditions.
- ⑫ BAYACCDOR1A requires BAYFLTR101B & BAYACCDOR2A requires BAYFLTR201B. They are not backward compatible to BAYFLTR101/201A.
- ⑬ BAYOSAC001B is not compatible with BAYACCDOR1A or BAYACCDOR2A.
- ⑭ When using a BAYACCDOR2A, two 18x20 filters are required.

EXISTING CURB	NEW UNIT 4WC/DC**A	USE BAYADAP0**A
BAYCURB030,38A	024-036	50
BAYCURB030,38A	042-060	52
BAYCURB033A	024-036	51
BAYCURB033A	042-060	53
BAYCURB034A	042-060	54

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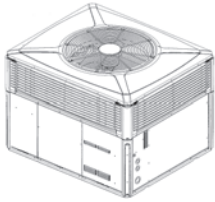


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# Packaged Heat Pump Convertible 2-5 Tons

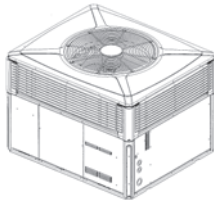
Packaged Heat Pump



**4WCZ6**

**Table PK-7-A — 4WCZ6 - Platinum 16 - Convertible Packaged Heat Pump - R-410A**

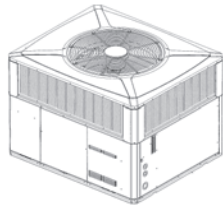
Model Number	Capacity	SEER	EER High/Low	HSPF	Shipping Weight	MCA	Max Fuse	Sound Rating	Uncrated Dimensions (in.) H x D x W
<b>4WCZ6 – 208-230/1/60</b>									
4WCZ6024A1000A	24,000	16.00	12.00/18.30	8.20	442	19.5	30	67	38 x 42 x 49
4WCZ6036B1000A	36,000	16.00	12.20/17.45	8.30	468	24.3	35	70	38 x 42 x 49
4WCZ6048B1000A	47,500	16.00	12.00/17.50	8.50	607	34.2	50	72	42 x 45 x 59
4WCZ6060B1000A	57,000	15.00	11.50/15.90	8.30	623	42.0	60	74	42 x 45 x 59
<b>4WCZ6 – 208-230/3/60</b>									
4WCZ6036B3000A	36,000	16.00	12.20/17.45	8.30	468	19.7	30	70	38 x 42 x 49
4WCZ6048B3000A	47,500	16.00	12.00/17.50	8.50	607	25.2	35	72	42 x 45 x 59
4WCZ6060B3000A	57,000	15.00	11.50/15.90	8.30	623	30.0	45	74	42 x 45 x 59
<b>4WCZ6 – 460/3/60</b>									
4WCZ6036B4000A	36,000	16.00	12.20/17.45	8.30	468	11.9	15	70	38 x 42 x 49
4WCZ6048B4000A	47,500	16.00	12.00/17.50	8.50	607	15.3	20	72	42 x 45 x 59
4WCZ6060B4000A	57,000	15.00	11.50/15.90	8.30	623	17.0	20	74	42 x 45 x 59



**4WCY5**

**Table PK-7-B — 4WCY5 - Gold 15 - Convertible Packaged Heat Pump - R-410A**

Model Number	Capacity	SEER/EER	HSPF	Shipping Weight	MCA	Max Fuse	Sound Rating	Uncrated Dimensions (in.) H x D x W
<b>4WCY5 – 208-230/1/60</b>								
4WCY5024A1000A	25,000	15.00/13.00	8.30	453	18.1	25	69.1	36 x 42 x 49
4WCY5030A1000A	30,000	15.00/12.00	8.20	430	22.8	35	70.0	38 x 42 x 49
4WCY5036A1000A	36,000	15.00/12.00	8.40	439	24.7	40	69.4	38 x 42 x 49
4WCY5042A1000A	41,500	15.00/12.00	8.40	607	28.6	45	72.0	38 x 45 x 59
4WCY5048A1000A	47,500	15.00/12.00	8.40	607	34.2	50	72.0	42 x 45 x 59
4WCY5060A1000A	57,500	15.00/11.50	8.40	623	42.2	60	74.0	42 x 45 x 59



**4WCC4**

**Table PK-7-C — 4WCC4 - Silver 14 - Convertible Packaged Heat Pump - R-410A**

Model Number	Capacity	SEER/EER	HSPF	Shipping Weight	MCA	Max Fuse	Sound Rating	Uncrated Dimensions (in.) H x D x W
<b>4WCC4 – 208-230/1/60</b>								
4WCC4024A1000A	24,600	14.00/12.00	8.00	402	19.1	30	66	36 x 42 x 49
4WCC4030A1000A	30,400	14.00/12.00	8.00	430	22.6	35	69	38 x 42 x 49
4WCC4036A1000A	35,800	14.00/12.00	8.00	439	24.4	40	69	38 x 42 x 49
4WCC4042A1000A	43,000	14.00/12.00	8.00	548	28.4	45	71	40 x 45 x 59
4WCC4048A1000A	48,000	14.00/12.00	8.00	529	31.1	50	72	40 x 45 x 59
4WCC4060A1000A	58,000	14.00/12.00	8.00	594	39.1	60	77	42 x 45 x 59

**For dimensional/outline drawings, please refer to Product Data.  
For information on Roof Curbs, please refer to the Accessories/Information Tab.**

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# Packaged Heat Pump Convertible 2-5 Tons

**Table PK-8-A — Features**

	4WCZ6 2-5	4WCY5 2-5	4WCY4 3-5	4WCC4 2-5
• SEER up to.....	16.00	15.00	14.25	14.00
• HSPF up to.....	8.50	8.20	8.00	8.00
• Exclusive <b>Duration™</b> high efficiency compressor with internal overload protection.....	✓	✓	✓	—
• Factory supplied charge.....	R-410A	R-410A	R-410A	R-410A
• Composite <b>Vortica®</b> indoor blower.....	✓	✓	✓	✓
• Direct drive, multi-speed ECM blower motor (high efficiency)*.....	—	—	—	✓
• Direct drive, variable speed ECM blower motor **.....	✓	✓	✓	—
• All aluminum <b>Spine Fin™</b> outdoor coil.....	✓	✓	✓	✓
• Swept-blade outdoor fan for quiet operation.....	✓	✓	✓	—
• Architecturally integrated louvers and corner guards.....	✓	✓	✓	—
• Polyslate gray cabinet.....	✓	✓	✓	✓
• Single stage heating & cooling .....	—	2 - 3½	✓	✓
• Two stage heating & cooling .....	✓	4, 5	—	—
• Start kit - factory installed (single phase only).....	—	2, 2½	—	—
• High pressure cutout.....	✓	✓	✓	✓
• Low pressure cutout.....	✓	✓	✓	✓
• Liquid line drier - factory installed.....	✓	✓	✓	✓
• Non-bleed expansion valves on indoor and outdoor coils.....	✓	✓	✓	✓
• Pressure taps, including liquid line taps, easily accessed and protected inside compressor compartment.....	✓	✓	✓	✓
• Right side electrical service access for high and low voltage connections.....	✓	✓	✓	✓
• Rugged steel basepan features deep drawn duct connections.....	✓	✓	✓	✓
• Steeply sloped composite drainpan.....	✓	✓	✓	✓
• Ships in horizontal configuration and converts quickly for downflow.....	✓	✓	✓	✓
• Copper tube, aluminum fin indoor coil.....	✓	✓	✓	✓
• All models are certified to UL 1995.....	✓	✓	✓	✓
• <b>10-year compressor, 10-year outdoor coil, &amp; 10-year all other functional parts registered limited warranty (Residential Use)①</b> .....	—	✓	✓	✓
• <b>12-year compressor, 10-year outdoor coil, &amp; 10-year all other functional parts registered limited warranty (Residential Use)①</b> .....	✓	—	—	—
• <b>Extended Warranties Available</b> .....	✓	✓	✓	✓

① Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at americanstandardair.com or by phone at 800-554-8005; otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.

\*Constant torque ECM (electronically commutated motor).

\*\*Constant airflow ECM (electronically commutated motor).

**For dimensional/outline drawings, please refer to Product Data.**

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

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

# Packaged Heat Pump Convertible 2-5 Tons

**Table PK-9-A — Accessories**

Model Number	Description	Shipping Weight	4WCZ6	4WCY5	4WCY4	4WCC4
			2-5	2-5	3-5	2-5
BAYACCDOR1A	Hinged Filter Access Door®		2-3	2-3	3	2-3
BAYACCDOR2A	Hinged Filter Access Door®		4-5	3½-5	3½-5	3½-5
BAYACCEADP1A	Adaptor Kit for Installation of AccuClean™ and 5" Media Filter (Horizontal) 10	10	2-3	2-3	3	2-3
BAYACCEADP2A	Adaptor Kit for Installation of AccuClean™ and 5" Media Filter (Horizontal) 10	12	3½-5	3½-5	3½-5	3½-5
BAYADAP050A	Adapter Curb (Cabinet A/B)		2-3	2-3	3	2-3
BAYADAP051A	Adapter Curb (Cabinet C)		2-3	2-3	3	2-3
BAYADAP052A	Adapter Curb (Cabinet A/B)		4-5	3½-5	3½-5	3½-5
BAYADAP053A	Adapter Curb (Cabinet C)		4-5	3½-5	3½-5	3½-5
BAYADAP054A	Adapter Curb (Cabinet D)		4-5	3½-5	3½-5	3½-5
BAYASCT001	Anti-Short Cycle Timer <sup>4</sup>		✓	✓	✓	✓
BAYCCHT102A	Crankcase Heater (230V) (Scroll)		4,5	3½-5	3½-5	3½-5
BAYCCHT103A	Crankcase Heater (230V) (Scroll)		2-3	2-3	3	2-3
BAYCCHT404B	Crankcase Heater (460V) (Scroll)		4, 5	—	—	—
BAYCCHT405A	Crankcase Heater (460V) (Scroll)		3	—	—	—
BAYCOVR112A	12" Duct Shroud (Covers Horizontal Ducts) 6		2-5	2-5	3-5	2-5
BAYCOVR118A	18" Duct Shroud (Covers Horizontal Ducts) 6		2-5	2-5	3-5	2-5
BAYCURB050A	Flat Roof Full Perimeter Curb (Insulated)	74	2-3	2-3	3	2-3
BAYCURB051A	Flat Roof Full Perimeter Curb (Insulated)	74	3-5	3½-5	3½-5	3½-5
BAYDMPR101A	2-Position Motorized Damper 7,8,9,10		2-3	2-3	3	2-3
BAYDMPR102A	2-Position Motorized Damper 7,8,9,10		4-5	3½-5	3½-5	3½-5
BAYECON101A	Economizer with Barometric Relief (Downflow) 1,2,3,4,10,11		—	2-3	2-3	2-3
BAYECON102A	Economizer with Barometric Relief (Downflow) 1,2,3,4,10,11		—	3½-5	3½-5	3½-5
BAYECON103A	Economizer with Barometric Relief (Downflow) 1,2,3,4,10,11	50	2-3	—	—	—
BAYECON104A	Economizer with Barometric Relief (Downflow) 1,2,3,4,10,11	65	4-5	—	—	—
BAYECON200A	Economizer (Horizontal) 1,2,3,4,7		—	2-3	3	2-3
BAYECON201A	Economizer (Horizontal) 1,2,3,4,7		—	3½-5	3½-5	3½-5
BAYENTH001A	Enthalpy Control Kit 2	2	✓	✓	✓	✓
BAYEXMK001A	Extreme Conditions Mounting Kit		✓	✓	✓	✓
BAYEXMK002B	Extreme Conditions Mounting Kit		✓	✓	✓	✓
BAYEXMK003A	Extreme Conditions Mounting Kit (Used on Slab Mounts)		✓	✓	✓	✓
BAYFLTR101C	1-2" Filter Frame 2-Requires one 18x25 filter (not included)	6	2-3	2-3	2-3	2-3
BAYFLTR201C	1-2" Filter Frame 2-Requires one 18x20, and one 18x18 filters (not included)	6	4-5	3½-5	3½-5	3½-5
BAYLIFT002B	Lifting Lug Kit	5	✓	✓	✓	✓
BAYLOAM105A	Low Ambient Control Kit	5	✓	✓	✓	✓
BAYRLAY004A	Economizer Relay 1	1	—	✓	✓	✓
BAYRLAY006A	Economizer Relay 1	1	✓	—	—	—
BAYOSAC001B	Outside Air Control for V.S. Economizer 9		2,4,5	—	—	3-5
BAYOSAH001A	Manual Fresh Air Damper 2	6	2-3	2-3	3	2-3
BAYOSAH002A	Manual Fresh Air Damper 2	8	4,5	3½-5	3½-5	3½-5
BAYQSTK300A	Start Kit		✓	✓	✓	✓
BAYSQRD001A	16" Round Duct Adapter 5	5	2-3	2-3	2-3	2-3
BAYSQRD002A	18" Round Duct Adapter 5	3	4-5	2-5	2-5	2-5
BAYUTIL101B	Roof Curb Extension Kit		2-3	2-3	2-3	2-3
BAYUTIL102B	Roof Curb Extension Kit		4,5	3½-5	3½-5	3½-5

- ① Relay required with economizer on all heat pump applications.
- ② Must use filter frame when economizer/fresh air kit is used.
- ③ Dry bulb control standard with economizer.
- ④ 2-Stage cooling control required when using economizer.
- ⑤ It is the responsibility of the installing dealer to properly size the ductwork for each specific application.
- ⑥ BAYCOVR112,118A will not cover BAYSQRD002A applications.
- ⑦ Does not contain barometric relief.
- ⑧ Max fresh air - 25%.
- ⑨ For non-continuous fan gas-heating applications, the damper opens only when the OD ambient is above 50° F.
- ⑩ It is the designer/engineer/installer's responsibility to review product specifications and technical literature to insure optimal performance and compliance to codes.
- ⑪ Temperature of mixed air entering the heat exchanger is monitored and fresh air intake may be reduced under certain conditions.
- ⑫ BAYACCDOR1A requires BAYFLTR101B & BAYACCDOR2A requires BAYFLTR201B. They are not backward compatible to BAYFLTR101/201A.
- ⑬ BAYOSAC001B is not compatible with BAYACCDOR1A or BAYACCDOR2A.
- ⑭ When using a BAYACCDOR2A, two 18x20 filters are required.

EXISTING CURB	NEW UNIT 4WCY*A	USE BAYADAP0**A
BAYCURB030,38A	024-036	50
BAYCURB030,38A	042-060	52
BAYCURB033A	024-036	51
BAYCURB033A	042-060	53
BAYCURB034A	042-060	54

**For dimensional/outline drawings, please refer to Product Data.  
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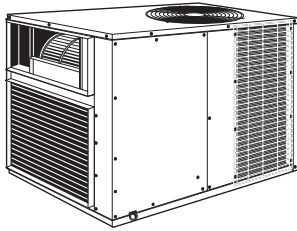
For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

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**American Standard**®

HEATING &amp; AIR CONDITIONING

# Packaged Heat Pump Over/Under 2-3.5 Tons

**4WHC4**

- Duration® compressor
- Over (supply) under (return) air
- Compressor internal overload protection
- Solenoid operated switchover valve
- Demand defrost control system
- Multi-speed direct drive blower motor
- High efficiency multi-speed ECM indoor motor on 4WHC4024-4036. 4WHC4042 models are variable speed.
- Weather resistant Powder Paint
- Copper tube, aluminum plate fin coils
- Top discharge condensing fan
- Factory installed wrap-around coil guard
- Top access to supplementary heater
- Pressure taps for refrigerant checks
- Polarized plug for easy field connection of low voltage to supplementary heaters
- Low ambient cooling to 55°F as manufactured
- Low ambient cooling to 0°F with accessory BAYLOAM011A
- All models are certified to UL 1995
- **10-year registered limited warranty on compressor, outdoor coil and all other functional parts (Residential Use)**
- **Optional extended warranties**

**Table PK-10-A — Silver 14 — Over/Under Horizontal Unit — R-410A**

Model No.	Capacity	SEER/EER	HSPF	Uncrated Dimensions (in.) H X D X W	Weight (lbs.)	MCA*	Max Fuse*	Sound Rating
4WHC4024A1000B	24,800	16/13.6	8.2	31 x 44 x 32	322	18.7	25	74
4WHC4030A1000B	30,000	14/12	8	31 x 44 x 32	322	21.1	30	74
4WHC4036A1000B	35,800	14/12	8	31 x 44 x 32	322	26.2	40	75
4WHC4042A1000B	39,500	14/12	8	31 x 44 x 32	353	30.5	45	75
<b>Tons</b>	<b>Supply H x W</b>	<b>Return H x W</b>						
2 – 3½	8¾ x 27¾	16¾ x 27¾						

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

**Table PK-10-B— Supplementary Heaters – Heater Matrix**

Model No.①	Power Supply	kW Ratings	Used With	Shipping Weight
BAYHTRC106A	208/240/1/60	4.33/5.76 kW	4WHC4024-42	9
BAYHTRC109A	208/240/1/60	6.12/8.16 kW	4WHC4036-42	10
BAYHTRC111A	208/240/1/60	7.98/10.56 kW	4WHC4024-42	10
BAYHTRC117A	208/240/1/60	12.98/17.28 kW	4WHC4030-42	23

**Table PK-10-C — Accessories/Comfort Controls**

Model No.	Description	Used With	Shipping Weight
BAYASCT001②③	Anti-Short Cycle Timer	All 4WHC4 Models	1
BAYECMT003A	Extreme Conditions Mounting Kit (Slab or Rack Mount)	All 4WHC4 Models	2
BAYLOAM011A	Low Ambient Cooling Kit	All 4WHC4 Models	5
TAYASCT501A③	5 Minute Delay Relay	All 4WHC4 Models	2
TCONT402A	3Heat/2Clg (Heat Pump/A/C)	All 4WHC4 Models	1
TCONT602A	2Heat/2Clg (Heat Pump/A/C)	All 4WHC4 Models	1
TCONT802A	3Heat/2Clg (Heat Pump/A/C)	All 4WHC4 Models	1
TCONT803A	3Heat/2Clg (Heat Pump/A/C) w/Humidity Display	All 4WHC4 Models	1

① Heaters must have an "A" in eleventh digit to work on 4WHC4 models.

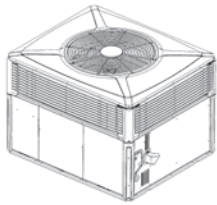
② Not for use with electronic thermostats.

③ Activated on Power Off.

**For dimensional/outline drawings, please refer to Product Data.****For information on Roof Curbs, please refer to the Accessories/Information Tab.**

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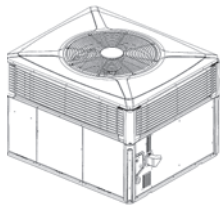
# Packaged Gas/Electric Convertible 2-5 Tons



**4YCZ6**

**Table PK-11-A — 4YCZ6 - Platinum 16 - Convertible Packaged Gas/Electric - R-410A**

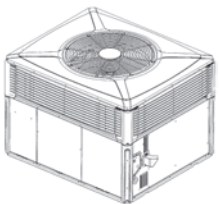
Model Number	Cooling Capacity (BTUH)	Heating Capacity Output (1 Stg./2 Stg.)	SEER	EER High/Low	AFUE(%)	Shipping Weight	MCA	Max Fuse	Sound Rating	Uncrated Dimensions (in.) H x D x W
<b>4YCZ6 – 208-230/1/60</b>										
4YCZ6024A1060A	24,000	38,800/48,600	16.00	12.00/17.60	81.0	440	19.5	30	65	36 x 42 x 49
4YCZ6036C1070A	35,600	45,000/57,000	16.60	12.00/13.60	81.0	488	24.2	35	70	38 x 42 x 49
4YCZ6036C1090A	35,600	58,000/73,000	16.60	12.00/13.60	81.0	488	24.2	35	70	38 x 42 x 49
4YCZ6048C1090A	48,000	58,000/73,000	16.00	12.00/13.48	81.0	659	34.1	50	71	42 x 45 x 59
4YCZ6048C1115A	48,000	75,000/93,000	16.00	12.00/13.48	81.0	665	34.1	50	71	42 x 45 x 59
4YCZ6060C1115A	57,500	75,000/93,000	15.10	11.40/12.64	81.0	676	44.4	60	73	42 x 45 x 59
<b>4YCZ6 – 208-230/3/60</b>										
4YCZ6036A3075B	35,600	45,000/60,000	16.60	12.00/13.60	80.0	488	19.7	30	70	38 x 42 x 49
4YCZ6036A3096B	35,600	57,600/77,000	16.60	12.00/13.60	80.0	493	19.7	30	70	38 x 42 x 49
4YCZ6048A3096B	48,000	57,600/77,000	16.00	12.00/13.48	80.0	659	25.2	35	71	42 x 45 x 59
4YCZ6048A3120B	48,000	72,000/96,000	16.00	12.00/13.48	80.0	665	25.2	35	71	42 x 45 x 59
4YCZ6060A3120B	57,500	72,000/96,000	15.10	11.40/12.65	80.0	676	28.6	40	73	42 x 45 x 59
<b>4YCZ6 – 460/3/60</b>										
4YCZ6036A4075C	35,600	45,000/60,000	16.60	12.00/13.60	79.0	488	11.9	15	70	38 x 42 x 49
4YCZ6036A4096C	35,600	57,600/77,000	16.60	12.00/13.60	80.0	493	11.9	15	70	38 x 42 x 49
4YCZ6048A4096C	48,000	57,600/77,000	16.00	12.00/13.48	80.0	659	15.3	20	71	42 x 45 x 59
4YCZ6048A4120C	48,000	72,000/96,000	16.00	12.00/13.48	80.0	665	15.3	20	71	42 x 45 x 59
4YCZ6060A4120C	57,500	72,000/96,000	15.10	11.40/12.65	80.0	676	17.2	20	73	42 x 45 x 59



**4ICY5**

**Table PK-11-B — 4ICY5- Gold 15 - Convertible Packaged Gas/Electric - R-410A**

Model Number	Cooling Capacity (BTUH)	Heating Capacity Output (1 Stg./2 Stg.)	SEER/EER	AFUE(%)	Shipping Weight	MCA	Max Fuse	Sound Rating	Uncrated Dimensions (in.) H x D x W
<b>4ICY5 – 208-230/1/60</b>									
4ICY5024A1060A	23,800	48,000/60,000	15.00/12.00	81	425	18.4	25	65	36 x 42 x 49
4ICY5030A1070A	28,400	56,000/70,000	15.00/12.00	81	455	21.2	30	70	36 x 42 x 49
4ICY5036A1070A	36,000	56,000/70,000	15.00/12.00	81	460	23.8	35	69	38 x 42 x 49
4ICY5036A1090A	36,000	72,000/90,000	15.00/12.00	81	465	23.8	35	69	38 x 42 x 49
4ICY5042A1090A	41,000	72,000/90,000	15.00/12.00	81	593	28.6	45	71	38 x 45 x 59
4ICY5048A1090A	48,000	72,000/90,000	15.00/12.00	81	616	34.2	50	71	38 x 45 x 59
4ICY5048A1115A	48,000	90,000/115,000	15.00/12.00	81	622	34.2	50	71	38 x 45 x 59
4ICY5060A1115A	57,500	92,000/115,000	15.00/11.40	81	633	44.4	60	73	42 x 45 x 59



**4ICY4  
 (3-phase only)**

**Table PK-11-C — 4ICY4 - Gold 14 - Convertible Packaged Gas/Electric - R-410A**

Model Number	Cooling Capacity (BTUH)	Heating Capacity Output (1 Stg./2 Stg.)	SEER/EER	AFUE(%)	Shipping Weight	MCA	Max Fuse	Sound Rating	Uncrated Dimensions (in.) H x D x W
<b>4ICY4 – 208-230/3/60</b>									
4ICY4036B3075A	38,000	45,000/60,000	14.30/12.00	80.0	488	18.5	25	69	38 x 42 x 49
4ICY4036B3096A	38,000	57,600/77,000	14.20/12.00	80.0	493	18.5	25	69	38 x 42 x 49
4ICY4048B3096A	48,000	57,600/77,000	14.20/12.00	80.0	653	25.3	35	73	38 x 45 x 59
4ICY4048B3120A	48,000	72,000/96,000	14.20/11.90	80.0	659	25.3	35	73	38 x 45 x 59
4ICY4060A3120B	58,500	72,000/96,000	14.30/12.00	80.0	676	28.6	40	76	42 x 45 x 59

**For dimensional/outline drawings, please refer to Product Data.  
 For information on Roof Curbs, please refer to the Accessories/Information Tab.**

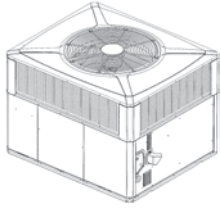
For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

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HEATING & AIR CONDITIONING

# Packaged Gas/Electric Convertible 2-5 Tons



**4YCC4**

**Table PK-12-A — 4YCC4 - Silver 14 - Convertible Packaged Gas/Electric - R-410A**

Model Number	Cooling Capacity (BTUH)	Heating Capacity Input/Output	SEER/EER	AFUE(%)	Shipping Weight	MCA	Max Fuse	Sound Rating	Cabinet Dimensions (in.) H x D x W
<b>4YCC4 – 208-230/1/60</b>									
4YCC4024A1060A	24,600	60,000/49,000	14.00/12.00	81.0	481	19.1	30	67	36 x 42 x 49
4YCC4030A1070A	28,200	70,000/57,000	14.00/12.00	81.0	481	22.6	35	69	36 x 42 x 49
4YCC4036A1070A	37,000	70,000/57,000	14.00/12.00	81.0	488	24.5	40	69	38 x 42 x 49
4YCC4036A1090A	37,000	90,000/73,000	14.00/12.00	81.0	493	24.5	40	69	38 x 42 x 49
4YCC4042A1060A	40,500	60,000/49,000	14.00/12.00	81.0	653	28.5	45	75	36 x 45 x 59
4YCC4042A1090A	40,500	90,000/73,000	14.00/12.00	81.0	653	28.5	45	75	36 x 45 x 59
4YCC4048A1070A	46,500	70,000/57,000	14.00/11.50	81.0	645	32.0	50	73	40 x 45 x 59
4YCC4048A1090A	46,500	90,000/73,000	14.00/11.50	81.0	653	32.0	50	73	40 x 45 x 59
4YCC4060A1090A	58,000	90,000/73,000	14.00/11.50	81.0	678	39.1	60	73	40 x 45 x 59
4YCC4060A1115A	58,000	115,000/93,000	14.00/11.50	81.0	684	39.1	60	73	40 x 45 x 59

Read Only

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# Packaged Gas/Electric Convertible 2-5 Tons

Table PK-13-A — Features	4YCZ6 2-5	4YCY5 2-5	4YCY4 2-5	4YCC4 2-5
• SEER up to .....	16.60	15.00	14.25	14.00
• Exclusive <b>Duration</b> ™ high efficiency compressor with internal overload protection .....	✓	✓	✓	✓
• Factory supplied charge .....	R-410A	R-410A	R-410A	R-410A
• Composite <b>Vortica</b> ® indoor blower.....	✓	✓	✓	✓
• High efficiency ECM indoor blower motor with <b>Comfort-R</b> ™ airflow system .....	✓	✓	✓	—
• Direct drive, multi-speed ECM blower motor (high efficiency)* .....	—	—	—	—
• All aluminum <b>Spine Fin</b> ™ outdoor coil .....	✓	✓	✓	✓
• Swept-blade outdoor fan for quiet operation .....	✓	✓	✓	✓
• Architecturally integrated louvers and corner guards.....	✓	✓	✓	✓
• Polyslate gray cabinet .....	✓	✓	✓	✓
• Stainless steel heat exchanger and burners.....	✓	✓	✓	✓
• Single stage cool.....	—	2-3½	✓	✓
• Single stage gas.....	—	—	—	✓
• 2-stage cooling.....	✓	4, 5	—	✓
• 2-stage gas.....	✓	✓	✓	✓
• Start kit - factory installed (single phase only) .....	—	—	—	✓
• High pressure cutout.....	✓	✓	✓	✓
• Low pressure cutout.....	✓	✓	✓	✓
• Liquid line drier - factory installed.....	✓	✓	✓	✓
• Non-bleed expansion valves on indoor coil.....	✓	✓	✓	✓
• Pressure taps, including liquid line taps, easily accessed and protected inside compressor compartment .....	✓	✓	✓	✓
• Right side electrical service access for high and low voltage connections.....	✓	✓	✓	✓
• Rugged steel basepan features deep drawn duct connections .....	✓	✓	✓	✓
• Steeply sloped composite drainpan .....	✓	✓	✓	5
• Ships in horizontal configuration and converts quickly for downflow .....	✓	✓	✓	2-4
• Copper tube, aluminum fin indoor coil.....	✓	3, 4, 5	✓	✓
• All aluminum indoor coil .....	—	2, 2½, 3½	—	✓
• All models are certified to ANSI 221.47/CSA 2.3.....	✓	✓	✓	—
• <b>20-year heat exchanger, 12-year compressor, 10-year coils, &amp; 10-year all other functional parts registered limited warranty (Residential Use)</b> ① .....	✓	—	—	✓
• <b>20-year heat exchanger, 10-year compressor, 10-year coils, &amp; 10-year all other functional parts registered limited warranty (Residential Use)</b> ① .....	—	✓	✓	✓
• <b>Extended warranties available</b> .....	✓	✓	✓	✓

① Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at americanstandardair.com or by phone at 800-554-8005; otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.

\*Constant torque ECM (electronically commutated motor).

**For dimensional/outline drawings, please refer to Product Data.  
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HEATING & AIR CONDITIONING

# Packaged Gas/Electric Convertible 2-5 Tons

**Table PK-14-A — Accessories**

Model Number	Description	Shipping Weight	4YCZ6 2-5	4YCY5 2-5	4YCY4 3-5	4YCC4 2-5
BAYACCDOR1A	Hinged Filter Access Door®		2-3	2-3	2-3	2-3
BAYACCDOR2A	Hinged Filter Access Door®		3½-5	3½-5	3½-5	3½-5
BAYACCEADP1A	Adaptor Kit for Installation of AccuClean™ and 5" Media Filter (Horizontal)®	10	2-3	2-3	3	2-3
BAYCURB051A	Adaptor Kit for Installation of AccuClean™ and 5" Media Filter (Horizontal)®	12	3½-5	3½-5	3½-5	3½-5
BAYADAP050A	Adapter Curb (Cabinet A/B)		2-3	2-3	2-3	2-3
BAYADAP051A	Adapter Curb (Cabinet C)		2-3	2-3	2-3	2-3
BAYADAP052A	Adapter Curb (Cabinet A/B)		4-5	3½-5	3½-5	3½-5
BAYADAP053A	Adapter Curb (Cabinet C)		4-5	3½-5	3½-5	3½-5
BAYADAP054A	Adapter Curb (Cabinet D)		4-5	3½-5	3½-5	3½-5
BAYASCT001	Anti-Short Cycle Timer®		✓	—	✓	✓
BAYCCHT102A	Crankcase Heater (230v) (Scroll)			3½-5		3½-5
BAYCCHT103A	Crankcase Heater (230V) (Scroll)		2-3	2-3	3	2-3
BAYCCHT404B	Crankcase Heater (460v) (Scroll)		4-5	—	—	—
BAYCCHT405A	Crankcase Heater (460v) (Scroll)		3	—	—	—
BAYCOVR112A	12" Duct Shroud (Covers Horizontal Ducts)®		2-5	2-5	2-5	2-5
BAYCOVR118A	18" Duct Shroud (Covers Horizontal Ducts)®		2-5	2-5	2-5	2-5
BAYCURB050A	Flat Roof Full Perimeter Curb (Insulated)	74	3	2-3	2-3	2-3
BAYCURB051A	Flat Roof Full Perimeter Curb (Insulated)	74	4-5	3½-5	3½-5	3½-5
BAYDMPR101A	Motorized Fresh Air Damper①⑦⑧⑨⑩		2-3	2-3	2-3	2-3
BAYDMPR102A	Motorized Fresh Air Damper①⑦⑧⑨⑩		4-5	3½-5	3½-5	3½-5
BAYECON101A	Economizer with Barometric Relief (Downflow)①②③④⑤⑥⑪	50	—	2-3	2-3	2-3
BAYECON102A	Economizer with Barometric Relief (Downflow)①②③④⑤⑥⑪	65	—	3½	3½-5	½-5
BAYECON103A	Economizer with Barometric Relief (Downflow)①②③④⑤⑥⑪		2-3	—	—	—
BAYECON104A	Economizer with Barometric Relief (Downflow)①②③④⑤⑥⑪		4-5	4-5	—	—
BAYECON200A	Economizer (Horizontal)①②③④⑦	85	—	2-3	2-3	2-3
BAYECON201A	Economizer (Horizontal)①②③④⑦	85	—	3½	3½-5	3½-5
BAYECON203A	Economizer (Horizontal)①②③④⑦		2-3	—	—	—
BAYECON204A	Economizer (Horizontal)①②③④⑦		4-5	4-5	—	—
BAYENTH001A	Enthalpy Control Kit②	2	✓	✓	✓	✓
BAYEXMK001A	Extreme Conditions Mounting Kit (Used on BAYCURB & BAYADAP)		✓	✓	✓	✓
BAYEXMK002B	Extreme Conditions Mounting Kit (Used on BAYUTIL)		✓	✓	✓	✓
BAYEXMK003A	Extreme Conditions Mounting Kit (Used on Slab Mounts)		✓	✓	✓	✓
BAYFLTR101C	1-2" Filter Frame①-Requires one 18x25 filter (not included)	6	2-3	2-3	2-3	2-3
BAYFLTR201C	1-2" Filter Frame①②-Requires one 18x20, and one 18x18 filter (not inc)	6	4-5	3½-5	3½-5	3½-5
BAYLIFT002B	Lifting Lug Kit	5	✓	✓	✓	✓
BAYLOAM105A	Low Ambient Control Kit	5	✓	✓	✓	✓
BAYLPKT100A	LP Conversion Kit		115K	115K	115K	115K
BAYLPKT101A	LP Conversion Kit		60K,90K	60K, 90K	60K,90K	60K, 90K
BAYLPKT102A	LP Conversion Kit		70K	70K	70K	—
BAYOSAC001B	Outside Air Control for V.S. Economizer®		3,4,5	4-5	—	—
BAYOSAH001A	Manual Fresh Air Damper①	.6	2-3	2-3	2-3	2-3
BAYOSAH002A	Manual Fresh Air Damper①	.8	4-5	3½-5	3½-5	3½-5
BAYQSTK301A	Start Kit		✓	✓	—	✓
BAYSQRD001A	16" Round Duct Adapter⑤	.5	2-3	2-3	2-3	2-3
BAYSQRD002A	18" Round Duct Adapter⑤	.3	4-5	2-5	2-5	2-5
BAYUTIL101B	Roof Curb Utility Extension Kit		2-3	2-3	2-3	2-3
BAYUTIL102B	Roof Curb Utility Extension Kit		4-5	3½-5	3½-5	3½-5

- ① Must use filter frame when economizer/fresh air kit is used.
- ② Dry bulb control standard with economizer.
- ③ 2-Stage cooling control required when using economizer.
- ④ Do not use with electronic thermostats.
- ⑤ It is the responsibility of the installing dealer to properly size the ductwork for each specific application.
- ⑥ BAYCOVR112,118A will not cover BAYSQRD002A applications.
- ⑦ Does not contain barometric relief.
- ⑧ Max fresh air - 25%.
- ⑨ For non-continuous fan gas-heating applications, the damper opens only when the OD ambient is above 50° F.
- ⑩ It is the designer/engineer/installer's responsibility to review product specifications and technical literature to insure optimal performance and compliance to codes.
- ⑪ Temperature of mixed air entering the heat exchanger is monitored and fresh air intake may be reduced under certain conditions.
- ⑫ BAYACCDOR1A requires BAYFLTR101B & BAYACCDOR2A requires BAYFLTR201B. They are not backward compatible to BAYFLTR101/201A.
- ⑬ BAYOSAC001B is not compatible with BAYACCDOR1A or BAYACCDOR2A
- ⑭ When using a BAYACCDOR2A, two 18x20 filters are required.

EXISTING CURB	NEW UNIT 4TC/WC/YC****A	USE BAYADAP0**A
BAYCURB030,38A	024-036	50
BAYCURB030,38A	042-060	52
BAYCURB033A	024-036	51
BAYCURB033A	042-060	53
BAYCURB034A	042-060	54

**For dimensional/outline drawings, please refer to Product Data.  
For information on Roof Curbs, please refer to the Accessories/Information Tab.**

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

# Single Power Entry Kits Packaged Convertible 2-5 Tons

	SINGLE POWER ENTRY KIT	HEATER	4TCC4	4TCY5	4WCC4	4WCY5	4WCZ6
SINGLE PHASE (208-240v)	BAYSPEK060	BAYHTRV105	2-4	2-5	2-3	2-3½	2-3
		BAYHTRV108	2-4	2-5	2	—	—
		BAYHTRV110	2-4	2-3	—	—	—
	BAYSPEK062	BAYHTRV105	5	—	3½-5	4-5	4-5
		BAYHTRV108	5	—	2½-5	2-5	2-5
		BAYHTRV110	5	3½-5	2-5	2-5	2-5
	BAYSPEK063	BAYHTRV115	2½-5	2½-5	2½-5	2½-5	3-5
		BAYHTRV120	4-5	3½-5	3½-5	3½-5	4-5

	SINGLE POWER ENTRY KIT	HEATER	4TCC3	4TCX3	4TCY4	4WCC3	4WCX3	4WCY4	4WCZ6
3 PHASE (208/240v)	BAYSPEK064	BAYHTRV315	—	—	—	3-5	3-5	3-5	3-5
		BAYHTRV320	4-5	4-5	4-5	4-5	4-5	4-5	4-5
	BAYSPEK065	BAYHTRV310	—	—	—	5	5	5	5
	BAYSPEK061	BAYHTRV305	3-5	3-5	3-5	3-5	3-5	3-5	3-5
		BAYHTRV308	3-5	3-5	3-5	3-5	3-5	3-5	3-5
		BAYHTRV310	3-5	3-5	3-5	3-4	3-4	3-4	3-4
		BAYHTRV315	3-5	3-5	3-5	—	—	—	—
3 PHASE (460v)	BAYSPEK061	BAYHTRV405	3-5	3-5	—	3-5	3-5	—	3-5
		BAYHTRV408	3-5	3-5	—	3-5	3-5	—	3-5
		BAYHTRV410	3-5	3-5	—	3-5	3-5	—	3-5
		BAYHTRV415	3-5	3-5	—	3-5	3-5	—	3-5
		BAYHTRV420	4-5	4-5	—	4-5	4-5	—	4-5

**For dimensional/outline drawings, please refer to Product Data.  
For information on Roof Curbs, please refer to the Accessories/Information Tab.**

BUILT TO A HIGHER STANDARD™

*American Standard*®

HEATING & AIR CONDITIONING

# Supplemental Heater Table Packaged Convertible 2-5 Tons

	BAYHTRV105 3.76/5.0 kW	BAYHTRV108 6.0/8.0 kW	BAYHTRV110 7.50/10.0 kW	BAYHTRV115 11.27/15.0 kW	BAYHTRV120 15.00/20.0 kW	BAYHTRV125 18.78/25.0 kW
4TCY5024A1	Y	Y	Y	--	--	--
4TCY5030A1	Y	Y	Y	Y	--	--
4TCY5036A1	Y	Y	Y	Y	--	--
4TCY5042A1	Y	Y	Y	Y	Y	Y
4TCY5048A1	Y	Y	Y	Y	Y	Y
4TCY5060A1	Y	Y	Y	Y	Y	Y
4TCC4024A1	Y	Y	Y	--	--	--
4TCC4030A1	Y	Y	Y	Y	--	--
4TCC4036A1	Y	Y	Y	Y	--	--
4TCC4042A1	Y	Y	Y	Y	--	--
4TCC4048A1	Y	Y	Y	Y	Y	--
4TCC4060A1	Y	Y	Y	Y	Y	Y
4WCZ6024A1	Y	Y	Y	--	--	--
4WCZ6036B1	Y	Y	Y	Y	--	--
4WCZ6048B1	Y	Y	Y	Y	Y	Y
4WCZ6060B1	Y	Y	Y	Y	Y	Y
4WCY5024A1	Y	Y	Y	--	--	--
4WCY5030A1	Y	Y	Y	Y	--	--
4WCY5036A1	Y	Y	Y	Y	--	--
4WCY5042A1	Y	Y	Y	Y	Y	Y
4WCY5048A1	Y	Y	Y	Y	Y	Y
4WCY5060A1	Y	Y	Y	Y	Y	Y
4WCC4024A1	Y	Y	Y	--	--	--
4WCC4030A1	Y	Y	Y	Y	--	--
4WCC4036A1	Y	Y	Y	Y	--	--
4WCC4042A1	Y	Y	Y	Y	--	--
4WCC4048A1	Y	Y	Y	Y	Y	--
4WCC4060A1	Y	Y	Y	Y	Y	Y

**For dimensional/outline drawings, please refer to Product Data.**

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For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

BUILT TO A HIGHER STANDARD™

**American Standard®**  
HEATING & AIR CONDITIONING

# Supplemental Heater Table Packaged Convertible 2-5 Tons

Supplemental Heaters - Packaged

	BAYHTRV305 3.76/5.0 kW (3PH)	BAYHTRV308 6.0/8.0 kW (3PH)	BAYHTRV310 7.50/10.0 kW (1PH)	BAYHTRV315 11.27/15.0 kW (3PH)	BAYHTRV320 15.0/20.0 kW (3PH)	BAYHTRV325 18.78/25.0 kW (3PH)
4TCY4036B3	Y	Y	Y	Y	--	--
4TCY4048B3	Y	Y	Y	Y	Y	Y
4TCY4060B3	Y	Y	Y	Y	Y	Y
4TCX3036A3	Y	Y	Y	Y	--	--
4TCX3048A3	Y	Y	Y	Y	Y	--
4TCX3060A3	Y	Y	Y	Y	Y	Y
4TCC3036A3	Y	Y	Y	Y	--	--
4TCC3048A3	Y	Y	Y	Y	Y	--
4TCC3060A3	Y	Y	Y	Y	Y	Y
4WCZ6036B3	Y	Y	Y	Y	--	--
4WCZ6048B3	Y	Y	Y	Y	Y	Y
4WCZ6060B3	Y	Y	Y	Y	Y	Y
4WCY4036A3	Y	Y	Y	Y	--	--
4WCY4048A3	Y	Y	Y	Y	Y	--
4WCY4060B3	Y	Y	Y	Y	Y	--
4WCX3036A3	Y	Y	Y	Y	--	--
4WCX3048A3	Y	Y	Y	Y	Y	--
4WCX3060A3	Y	Y	Y	Y	Y	Y
4WCC3036A3	Y	Y	Y	Y	--	--
4WCC3048A3	Y	Y	Y	Y	Y	--
4WCC3060A3	Y	Y	Y	Y	Y	Y
	BAYHTRV405 5.0 kW (3PH)	BAYHTRV408 8.0 kW (480V 3 PH)	BAYHTRV410 10.0 kW (3PH)	BAYHTRV415 15.0 kW (480V 3 PH)	BAYHTRV420 20.0 kW (480V 3 PH)	BAYHTRV425 25.0 kW (480V 3 PH)
4TCY3036A4	Y	Y	Y	Y	--	--
4TCY3048A4	Y	Y	Y	Y	Y	--
4TCY3060A4	Y	Y	Y	Y	Y	Y
4TCX3036A4	Y	Y	Y	Y	--	--
4TCX3048A4	Y	Y	Y	Y	Y	--
4TCX3060A4	Y	Y	Y	Y	Y	Y
4TCC3036A4	Y	Y	Y	Y	--	--
4TCC3048A4	Y	Y	Y	Y	Y	--
4TCC3060A4	Y	Y	Y	Y	Y	Y
4WCZ6036B4	Y	Y	Y	Y	--	--
4WCZ6048B4	Y	Y	Y	Y	Y	--
4WCZ6060B4	Y	Y	Y	Y	Y	--
4WCX3036A4	Y	Y	Y	Y	--	--
4WCX3048A4	Y	Y	Y	Y	Y	--
4WCX3060A4	Y	Y	Y	Y	Y	Y
4WCC3036A4	Y	Y	Y	Y	--	--
4WCC3048A4	Y	Y	Y	Y	Y	--
4WCC3060A4	Y	Y	Y	Y	Y	Y

**For dimensional/outline drawings, please refer to Product Data.  
For information on Roof Curbs, please refer to the Accessories/Information Tab.**

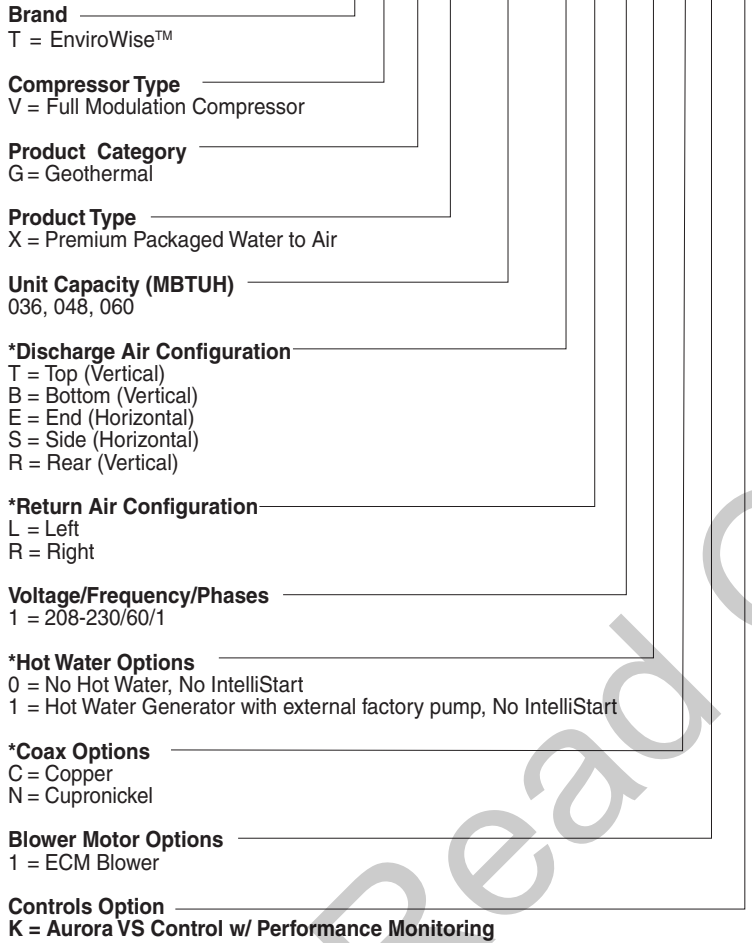
For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

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# Variable Speed Packaged Units

## TVGX Variable Speed Packaged Heat Pumps



Geothermal

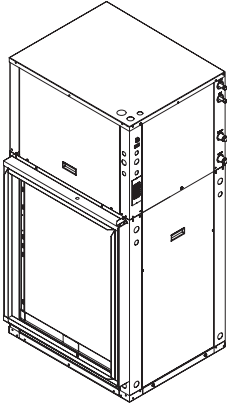
**Capacities**  
Variable Capacities = 036, 048, 060

\*Select desired options to create specific model number.

BUILT TO A HIGHER STANDARD™

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HEATING & AIR CONDITIONING

## Variable Speed Packaged Units



- Extended range operation (20-120°F EWT)
  - Earth friendly R-410A refrigerant
  - Aurora advanced variable speed control
  - "Superboost" cooling mode
  - Duration™ Variable Speed Compressor
  - Variable Speed ECM fan motor
  - FormiShield Plus™ coated air coil
  - Electronic expansion valve
  - Internal electric heat (optional on vertical units only)
  - 1" Swivel fittings
  - Gray powder coated heavy guage galvanized cabinet
  - Factory computer run test
  - ARI/ASHRAE/ISO 13256-1 performance certified and UL/ETL safety listed
  - 2" Filter Rack with MERV 11 filter Included
  - Horizontal Hanger Kit included for horizontal configurations
  - **10-year parts and 5-year labor allowance**
- \* Unit includes:**  
Refrigerant Monitoring Module  
Performance Monitoring Module  
Energy Monitoring Module
- \* Requires AID Tool**

**Table GEO-2-A — VGX - Variable Speed Water Source Heat Pumps**

Unit Model No.	Power Supply Volts/Hz/Phase	Normal Cooling Capacity (Btuh) ECM 2 Motor	Dimensions (in.) <sup>Ⓛ</sup> H x W x L	Shipping Weight (lbs.)	Nominal Supply Opening (WxD) <sup>Ⓛ</sup>	Nominal Return Opening (DxH) <sup>Ⓛ</sup>	Filter Size <sup>Ⓛ</sup>	Water Inlet/Outlet Size	Min Circ Amp ECM 2 Motor	Max Fuse
TVGX036	208-230/60/1	38,000	26x32x55	372	18x18	28x30	32x30	1" Swivel	37.3	40
TVGX048	208-230/60/1	49,000	26x32x55	381	18x18	28x30	32x30	1" Swivel	47.8	50
TVGX060	208-230/60/1	60,000	26x32x59	405	18x18	28x34	36x30	1" Swivel	54.1	60

<sup>Ⓛ</sup> Vertical Applications.

\* For models not listed and unit details, please refer to the Geothermal/Water Source Heat Pump Product Data publication.

Geothermal

Read Only

**Models listed are representative ONLY. Please refer to model nomenclature for product line configuration.**

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

## Variable Speed Packaged Units

**Table GEO-3-A — Optional Accessories for VGX Units \***

Model Number	Description
<b>Thermostats</b>	
TPCC32U01E	Communicating Color Touchscreen Thermostat w/Energy Monitoring and Humidity Control
TPCM32U04E	Communicating Thermostat with Energy Monitoring capabilities and Humidity Control
<b>Notes: Must use TPCC32U01, TPCM32U04 or IntelliZone2 - No other thermostats will operate the heat pump.</b>	
<b>Diagnostic Tool</b>	
AIDK01	Aurora Interface Display Service Tool
<b>Variable Speed Flow Center</b>	
FCV1-GL	High impact polystyrene plastic cabinet, one Grundfos Magna Geo 32-140 variable speed pump (1 pump flow center) and one UP26-99 fixed speed pump (2nd pump on 2 pump flow center)
FCV2-GL	High impact polystyrene plastic cabinet, one Grundfos Magna Geo 32-140 variable speed pump (1 pump flow center) and one UP26-99 fixed speed pump (2nd pump on 2 pump flow center)
<b>IntelliZone2 with MasterStat and AXB Communication Harness</b>	
IntelliZone 2TA	Communicating Zone System (Only works with XV Series Units)
	Multiple level zone calls communicate exact zone load requirements
	Controls up to 6 zones with Variable Speed units, 4 zones with dual capacity compressor (2 w/ single-speed compressor)
	Direct control of Variable speed ECM fan motor to match needs of the space. 6-8 fan speeds on line, up to 12 speeds available
	Zone sizes as small as 25% of whole house (15% Variable Speed and 25% Dual Capacity)
	Individual zone selectable economy or comfort mode
	Four upstaging options: normal, quicker, faster or faster w/ timer for various application scenarios
	Dehumidification mode lowers airflow in cooling for better dehumidification
	Power consumption displayed on MasterStat for all XV Series with advanced controls
<b>Zone Thermostat</b>	
ZoneStat	Option for any of Zones 2 through 6. Full setback capability with communication to the IntelliZone2 System
<b>Zone Sensor Thermostat</b>	
SensorStat	Option for any of Zones 2 through 6. Full setback capability (through the MasterStat only) with communication to the IntelliZone2 System
<b>Trouble Shooting Kit</b>	
Z2TK	Back plate of the MasterStat w/ harness to plug into IntelliZone2 relay board for set up and service at the zone panel
ZTK240	Zone Transformer Kit - 208/240V - 24V

\*Note: These accessories are dedicated for Variable Speed \*VGX units ONLY

**Table GEO-3-B — Optional Accessories for VGX Units (Non-Dedicated)**

Model Number	Description
<b>Vertical Auxilliary Heaters</b>	
EAL10A	Internal mount, electronic control board, sequenced operation, - 15-20kW Include internal fuses
EAL15A	Internal mount, electronic control board, sequenced operation, - 15-20kW Include internal fuses
EAL20A	Internal mount, electronic control board, sequenced operation, - 15-20kW Include internal fuses
<b>Horizontal Auxilliary Heaters</b>	
EALH10A	Internal mount control box, coil assembly external mount, electronic control board, sequenced operation, 15-20KW include internal fuses
EALH15A	Internal mount control box, coil assembly external mount, electronic control board, sequenced operation, 15-20KW include internal fuses
EALH20A	Internal mount control box, coil assembly external mount, electronic control board, sequenced operation, 15-20KW include internal fuses
<b>Air Pads for Vertical Topflow Units</b>	
AP32	AP = High Density Plastic
APF2634	APF = 2" PEX foam, cutable
<b>Electronic Air Cleaner</b>	
EAC3032	Vertical Units (30x32)
EAC3036	Vertical Units (30x36)
EAC3036	Bottom Flow Units (30x36)
EAC2042	Horizontal Units (20x42)
EAC2047	Horizontal Units (20x47)



# Water to Air Packaged Units

Geothermal

## 1GX - 2GX Water Source Heat Pumps

1 2 3 4 5 6 7 8 9 10 11 12 13 14  
T 1 G X 0 2 2 T R R 1 0 C 0

**Brand** \_\_\_\_\_

T = EnviroWise™

**\*Compressor Type** \_\_\_\_\_

1 = Single Speed  
2 = Dual Capacity

**Product Category** \_\_\_\_\_

G = Geothermal

**Product Type** \_\_\_\_\_

X = Premium Packaged System (Water-to-Air)

**Nominal BTU's** \_\_\_\_\_

Thousands of BTU's

**\*Discharge Air Configuration** \_\_\_\_\_

T = Top (Vertical)  
B = Bottom (Vertical 022-072)  
E = End (Horizontal)  
S = Side (Horizontal)  
R = Rear (Vertical 042-072)

**\*Return Air Configuration** \_\_\_\_\_

L = Left  
R = Right

**Heating and/or Cooling** \_\_\_\_\_

R = Heating and Cooling (Reversible)

**Voltage/Frequency/Phases** \_\_\_\_\_

1 = 208-230/60/1

**\*Hot Water Options** \_\_\_\_\_

0 = No Hot Water, No IntelliStart  
1 = Hot Water Generator with factory installed pump, No IntelliStart  
3 = No Hot Water, IntelliStart  
4 = Hot Water Generator with factory installed pump, IntelliStart

**\*Coax Options** \_\_\_\_\_

C = Copper, Uncoated Aluminum Air Coil  
N = Cupronickel, Uncoated Aluminum Air Coil

**\*Blower Motor Options** \_\_\_\_\_

0 = PSC  
1 = Variable Speed ECM (018-072)  
2 = High Static Variable Speed ECM (036-049)  
4 = 5-Speed ECM (022-072)

**Capacities**

Single = 022, 030, 036, 042, 048, 060, 070  
Dual = 26, 038, 049, 064, 072

\*Select desired options to create specific model number.

Notes:

1. All models have sound kits.
2. HWG available 018-072
3. IntelliStart available 022-072

## 2GC Water Source Heat Pumps

1 2 3 4 5 6 7 8 9 10 11 12 13 14  
T 2 G C 0 4 8 T L R 1 0 C 4

**Brand** \_\_\_\_\_

T = EnviroWise™

**Compressor Type** \_\_\_\_\_

2 = Dual Capacity

**Product Category** \_\_\_\_\_

G = Geothermal

**Product Type** \_\_\_\_\_

C = Mid-Level Packaged System

**Unit Capacity** \_\_\_\_\_

024, 036, 048, 060, 072

**Discharge Air Configuration** \_\_\_\_\_

T = Top (Vertical)  
E = End (Horizontal)  
S = Side (Horizontal)

**Return Air Configuration** \_\_\_\_\_

L = Left  
R = Right

**Heating and/or Cooling** \_\_\_\_\_

R = Heating and Cooling (Reversible)

**Voltage/Frequency/Phases** \_\_\_\_\_

1 = 208-230/60/1

**Hot Water Options** \_\_\_\_\_

0 = No HWG, No IntelliStart  
1 = HWG with Factory Installed Pump, No IntelliStart  
3 = No HWG, IntelliStart  
4 = HWG with Factory Installed Pump, IntelliStart

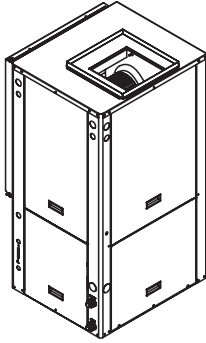
**Water, Coax & Air Coil Options** \_\_\_\_\_

C = Copper, Uncoated Aluminum Air Coil  
N = Cupronickel, Uncoated Aluminum Air Coil

**Blower Motor Options** \_\_\_\_\_

4 = 5-Speed ECM, Duct Flanges, No Filter  
0 = 5-Speed ECM, 1" Filter Rack with 1" MERV8

## Water to Air Packaged Units



- Extended range operation (20-120°F EWT)
- Earth friendly R-410A refrigerant
- Premier 2 microprocessor based controls with fault indicator lights
- Duration™ single speed or dual capacity scroll compressor
- PSC Motor or ECM variable speed fan motor
- Internal expansion valve
- Optional internal electric heat
- 1" Swivel fittings
- Special gray color powder coated heavy gauge galvanized cabinet
- Factory computer run test
- ARI/ASHRAE/ISO 13256-1 performance certified and UL/ETL safety listed
- 2" Filter Rack with MERV 11 filter Included
- Horizontal Hanger Kit Included
- **10-year parts and 5-year labor allowance**

**Table GEO-5-A — 1GX - 2GX Water Source Heat Pumps**

Unit Model No.	Power Supply Volts/Hz/Phase	Nominal Cooling Capacity (Btuh) ECM 2 Motor	Dimensions (in.) <sup>①</sup> H x W x L	Shipping Weight (lbs.)	Nominal Supply Opening (WxD) <sup>①</sup>	Nominal Return Opening (DxH) <sup>①</sup>	Filter Size <sup>①</sup>	Water Inlet/Outlet Size	Min Circ Amp ECM 2 Motor	Max Fuse
T1GX022	208-230/60/1	21,700	48.4x22.3x26.3	313	14x14	22x26	28x24	1" Swivel	15.2	20
T2GX026	208-230/60/1	27,200	48.4x22.3x26.3	313	14x14	22x26	28x24	1" Swivel	16.8	25
T1GX030	208-230/60/1	29,400	48.4x22.3x26.3	328	14x14	22x26	28x24	1" Swivel	20.0	30
T1GX036	208-230/60/1	35,000	50.4x25.4x31.4	373	18x18	28x26	28x30	1" Swivel	21.6	35
T2GX038	208-230/60/1	40,200	50.4x25.4x31.4	378	18x18	28x26	28x30	1" Swivel	24.8	40
T1GX042	208-230/60/1	42,000	54.4x25.4x31.4	388	18x18	28x30	32x30	1" Swivel	24.8	40
T1GX048	208-230/60/1	49,300	54.4x25.4x31.4	428	18x18	28x30	32x30	1" Swivel	28.8	45
T2GX049	208-230/60/1	50,000	54.4x25.4x31.4	428	18x18	28x30	32x30	1" Swivel	30.4	50
T1GX060	208-230/60/1	66,800	58.4x25.4x31.4	463	18x18	28x34	36x30	1" Swivel	40.0	60
T2GX064	208-230/60/1	67,600	58.4x25.4x31.4	473	18x18	28x34	36x30	1" Swivel	39.0	60
T1GX070	208-230/60/1	73,200	58.4x25.4x31.4	488	18x18	28x34	36x30	1" Swivel	44.6	70
T2GX072	208-230/60/1	73,600	58.4x25.4x31.4	488	18x18	28x34	36x30	1" Swivel	41.0	60

<sup>①</sup> Vertical Applications.

\* For models not listed and unit details, please refer to the Geothermal/Water Source Heat Pump Product Data publication.

**Models listed are representative ONLY. Please refer to model nomenclature for product line configuration.**

# Water to Air Packaged Units

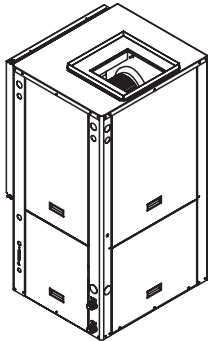
Table GEO-6-A — Optional Accessories 1GX - 2GX

Model Number	Description	Used With	
		Single Speed Models	Dual Capacity Models
<b>Vertical Auxiliary Heaters</b>			
EAS4A		012	
EAM5A	①	022, 030	026
EAM8A	①	030	026
EAM10A	①	030	026
EAL10A	①	036, 042, 048, 060, 070	038, 049, 064, 072
EAL15A	①	036, 042, 048, 060, 070	038, 049, 064, 072
EAL20A	①	048, 060, 070	049, 064, 072
<b>Horizontal Auxiliary Heaters</b>			
EASH4A		012	
EAMH5A	②	022,030	026
EAMH8A	②	022,030	026
EAMH10A	②	030	026
EALH10A	②	036, 042, 048, 060, 070	038, 049, 064, 072
EALH15A	②	036, 042, 048, 060, 070	038, 049, 064, 072
EALH20A	②	048, 060, 070	049, 064, 072
<b>Air Pads for Vertical Topflow Units</b>			
AP2430	AP= High density plastic	022, 030	026
AP32	AP= High density plastic	036, 042, 048, 060, 070	038, 049, 064, 072
APF2634	APF= 2" PEX foam, cutable	022, 030, 036, 042, 048, 060, 070	026, 038, 049, 064, 072
<b>Thermostats (All Controls- 3H, 2C, Dual Fuel Compatible)</b>			
AZONE950AC52ZA	950 Premium Control (Requires Relay Panel)		
BAY24VRPAC52DA	24 Volt Interface Relay Panel for 950 Control		
ACONT802AS32DA	Programmable Touch Screen Digital Control		
ACONT803AS32DA	Programmable Touch Screen Digital Control with Dehumidification Control		
ACONT402AN32DA	Non-Programmable Comfort Control		
<b>Disposable Pleated Filters, 2" MERV11③</b>			
59P509-04	Vertical Units (24x28)④	022, 030	026
59P509-08	Vertical Units (28x30)	036	038
59P509-07	Vertical Units (30x32)	042, 048	049
59P509-06	Vertical Units (30x36)⑤	060, 070	064, 072
59P509-09	Horizontal Units (18x32)	022, 030	026
59P509-10	Horizontal Units (20x37)	036	049
59P509-02	Horizontal Units (20x20)	042, 048	049
59P509-11	Horizontal Units (20x22)	042, 048, 060, 070	049, 064, 072
59P509-03	Horizontal Units (20x25)	060, 070	064, 072

- ① Internal Mount, Electronic Control Board, Sequenced Operation, 15-20kW include internal fuses.
- ② Internal mount control box, coil assembly external mount, Electronic Control Board, Sequenced Operation, 15-20kW include internal fuses (Use on Horizontal & Rear Discharge Units).
- ③ 6 month life (Minimum order qty. 2).
- ④ Bottom flow 22-30
- ⑤ Bottom flow 36-72

Geothermal

## Water to Air Packaged Units Mid-Efficiency



- Extended range operation (20-120°F EWT)
- Earth friendly R-410A refrigerant
- Premier 2 microprocessor based controls with fault indicator lights
- Duration™ single speed or dual capacity scroll compressor
- 5-Speed ECM fan motor
- Aluminum air coil
- Optional internal electric heat
- 1" Swivel fittings
- Special gray color powder coated heavy gauge galvanized cabinet
- Factory computer run test
- ARI/ASHRAE/ISO 13256-1 performance certified and UL/ETL safety listed
- **Standard 2 Year Parts and Labor & 5 Year Refrigeration Component and Labor Warranty**
- **5 Year Parts and Labor Allowance Warranty (OPTIONAL)**

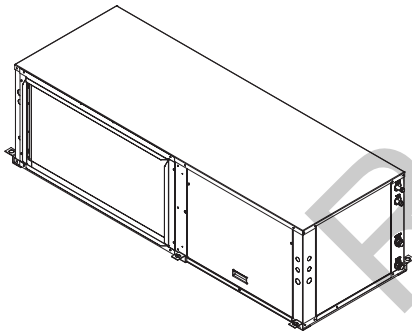
**Table GEO-7-A — 2GC Water Source Heat Pumps - Vertical Application**

Unit Model No.	Power Supply Volts/Hz/Phase	Normal Cooling Capacity (Btuh) ECM 2 Motor	Dimensions (in.) <sup>①</sup> H x W x L	Shipping Weight (lbs.)	Nominal Supply Opening (WxD) <sup>①</sup>	Nominal Return Opening (DxH) <sup>①</sup>	Filter Size <sup>①</sup>	Water Inlet/Outlet Size	Min Circ Amp ECM 2 Motor	Max Fuse
T2GC024	208-230/60/1	23,100	39.4x22.5x26.5	218	14x14	22x18	20x24	1" Swivel	24.5	35
T2GC036	208-230/60/1	35,100	44.5x22.5x26.5	244	14x14	22x22	20x24	1" Swivel	28.9	40
T2GC048	208-230/60/1	49,000	50.4x25.6x31.6	323	18x18	28x26	28x30	1" Swivel	39.8	60
T2GC060	208-230/60/1	59,900	50.4x25.6x31.6	349	18x18	28x26	28x30	1" Swivel	47.2	70
T2GC072	208-230/60/1	67,000	54.4x25.6x31.6	370	18x18	28x30	30x32	1" Swivel	50.4	80

<sup>①</sup> Vertical Applications.

\* For models not listed and unit details, please refer to the Geothermal/Water Source Heat Pump Product Data publication.

## Water to Air Packaged Units Mid-Efficiency



- Side or end discharge for horizontal units
- Left or right return locations
- Cabinet design - improved access panels and narrow profile

**Table GEO-7-B — 2GC Water Source Heat Pumps - Horizontal Application**

Unit Model No.	Power Supply Volts/Hz/Phase	Normal Cooling Capacity (Btuh) ECM 2 Motor	Dimensions (in.) <sup>②</sup> W x D x H	Shipping Weight (lbs.)	Nominal Supply Opening (HxD) <sup>②</sup>	Nominal Return Opening (DxH) <sup>②</sup>	Filter Size <sup>②</sup>	Water Inlet/Outlet Size	Min Circ Amp ECM 2 Motor	Max Fuse
T2GC024	208-230/60/1	23,100	22.5x53.0x19.3	248	10.5x9.5	21.8x16.5	18x24	1" Swivel	24.5	35
T2GC036	208-230/60/1	35,100	22.5x63.0x19.3	270	10.5x9.5	30.5x16.7	20x32	1" Swivel	28.9	40
T2GC048	208-230/60/1	49,000	25.6x72.0x21.3	345	13.6x13.2	35.5x18.6	20x37	1" Swivel	39.8	60
T2GC060	208-230/60/1	59,900	25.6x72.0x21.3	378	13.6x13.2	35.5x18.6	20x37	1" Swivel	47.2	70
T2GC072	208-230/60/1	67,000	25.6x77.0x21.3	389	13.6x13.2	40.4x18.7	<sup>③</sup>	1" Swivel	50.4	80

<sup>②</sup> Horizontal Applications.

<sup>③</sup> A2GC072 Horizontal application requires a 20x20 filter and a 20x22 filter.

\* For models not listed and unit details, please refer to the Geothermal/Water Source Heat Pump Product Data publication.

# Water to Air Packaged Units Mid-Efficiency

**Table GEO-8-A — Optional Accessories 2GC**

Model Number	Description	Dual Capacity Models	Used With
<b>Air Pads for Vertical Units</b>			
AP2430	AP High Density Plastic	026	
AP32	AP High Density Plastic	038,049,064,072	
APF2634	AOF - 2" PEX Foam, Cuttable	026,038,049,064,072	
<b>Vertical Auxilliary Heaters</b>			
EAM5A	①	026,038	
EAM8A	①	026,038	
EAM10A	①	026,038	
EAL10A	①	049,064,072	
EAL15A	①	049,064,072	
EAL20A	①	049,064,072	
<b>Horizontal Auxilliary Heaters</b>			
EAMH5A	②	026,038	
EAMH8A	②	026,038	
EAMH10A	②	026,038	
EALH10A	②	049,064,072	
EALH15A	②	049,064,072	
EALH20A	②	049,064,072	
<b>Field Installed 1" Filter Rails, Must Order 2 Each Per Unit (Top &amp; Bottom) Note: Filter/Air Cleaner Not Included, Select From Below</b>			
46P828-98T	Vertical 1" Filter Rails	026	
46P828-96T	Vertical 1" Filter Rails	038	
46P828-97T	Vertical 1" Filter Rails	049,064,072	
<b>Field Installed 1" Filter Rails, Must Order 2 Each Per Unit (Top &amp; Bottom) Note: Filter/Air Cleaner Not Included, Select From Below</b>			
46P862-01T	Horizontal 1" Filter Rails	026	
46P863-01T	Horizontal 1" Filter Rails	038	
46P861-01T	Horizontal 1" Filter Rails	049,064	
46P864-01T	Horizontal 1" Filter Rails	072	
<b>Electronic Air Cleaner</b>			
EAC2024	Vertical Units (20x24)	026	
EAC2424	Vertical Units (24x24)	038	
EAC2830	Vertical Units (28x30)	049,064	
EAC3032	Vertical Units (30x32)	072	
EAC1824	Horizontal Units (18x24)	026,038	
EAC1832	Horizontal Units (18x32)	049	
EAC2037	Horizontal Units (20x37)	064	
EAC2042	Horizontal Units (20x42)	072	
<b>Disposable Pleated Filters, 1" MERV8</b>			
59P503B12	Vertical Units (20x24)	026	
59P503B27	Vertical Units (24x24)	038	
59P503B28	Vertical Units (28x30)	049,064	
59P503B21	Vertical Units (30x32)	072	
59P503B07	Horizontal Units (18x24)	026	
59P503B23	Horizontal Units (18x32)	038	
59P503B08	Horizontal Units (20x37)	049,064	
59P503B02	Horizontal Units (20x20)	072 ③	
59B503N24	Horizontal Units (20x22)	072 ③	

① Internal Mount, Electronic Control Board, 15-20kW Include Internal Fuses.

② Internal Mount Control Box, Coil Assembly External Mount, Electronic Control Board, 15-20kW include internal fuses

③ 072 Horizontal unit requires both filters to span the width of the filter opening.

# Water to Water Packaged Units

## 1GW Water Packaged Units

1 2 3 4 5 6 7 8 9 10 11 12 13 14  
T 1 G W 0 4 0 N N H 1 0 C A

**Brand** \_\_\_\_\_  
T = EnviroWise™

**Compressor Type** \_\_\_\_\_  
1 = Single Stage Compressor

**Product Category** \_\_\_\_\_  
G = Geothermal

**Product Type** \_\_\_\_\_  
W = Hydronic Packaged System (Water-to-Water)

**Nominal BTU's** \_\_\_\_\_  
Thousands of BTU's

**Discharge Air Configuration** \_\_\_\_\_  
N = None

**Return Air Configuration** \_\_\_\_\_  
N = None

**\*Heating and/or Cooling** ① \_\_\_\_\_  
H = Heating Only  
R = Heating and Cooling (Reversible)

**Voltage/Frequency/Phases** \_\_\_\_\_  
1 = 208-230/60/1

**\*Hot Water Options** ① \_\_\_\_\_  
0 = No Hot Water, No IntelliStart  
2 = Hot Water Generator without factory installed pump, No IntelliStart  
3 = No Hot Water, IntelliStart  
5 = Hot Water Generator without factory installed pump, IntelliStart

**\*Coax Options** ② \_\_\_\_\_  
C = Copper  
N = Cupronickel  
L = Source Cupronickel / Load Copper  
S = Source Copper / Load Cupronickel

**Control Options** \_\_\_\_\_  
A = Aurora™ Base Control (ABC)  
B = Aurora™ Advance Control (ABC and AXV)  
D = Aurora™ Performance and Refrigeration Package

① Available on 040-075 only. Hot Water Generator requires field installed external pump kit.  
② 018-025 heating only models are available only with copper double wall vented load coax for potabale water.

## 2GW Water Packaged Units

1 2 3 4 5 6 7 8 9 10 11 12 13 14  
T 2 G W 1 0 0 T N R 1 0 B N

**Brand** \_\_\_\_\_  
T = EnviroWise™

**Compressor Type** \_\_\_\_\_  
2 = Two Stage Compressor

**Product Category** \_\_\_\_\_  
G = Geothermal

**Product Type** \_\_\_\_\_  
H = Hydronic Packaged System (Water to Water)

**Nominal BTU's** \_\_\_\_\_  
Thousands of BTU's

**Discharge Air Configuration** \_\_\_\_\_  
T = Top Mounted Connections  
R = Rear Mounted Connections

**Return Air Configuration** \_\_\_\_\_  
N = None

**Heating and/or Cooling** \_\_\_\_\_  
R = Heating and Cooling (Reversible)

**Voltage/Frequency/Phases** \_\_\_\_\_  
1 = 208-230/60/1

**Hot Water Options** \_\_\_\_\_  
0 = No Hot Water, No IntelliStart  
3 = No Hot Water, IntelliStart

**Coax Options** \_\_\_\_\_  
B = Brazed Plate

**Blower Motor Options** \_\_\_\_\_  
N = None

## 1GH Water Packaged Units

1 2 3 4 5 6 7 8 9 10 11 12 13 14  
T 1 G H 0 4 0 N N H 1 0 C N

**Brand** \_\_\_\_\_  
T = EnviroWise™

**Compressor Type** \_\_\_\_\_  
1 = Single Stage Compressor

**Product Category** \_\_\_\_\_  
G = Geothermal

**Product Type** \_\_\_\_\_  
H = Hydronic Packaged System (High Temp Vapor Injection Compressor)

**Nominal BTU's** \_\_\_\_\_  
Thousands of BTU's (040, 050, 066)

**Discharge Air Configuration** \_\_\_\_\_  
N = None

**Return Air Configuration** \_\_\_\_\_  
N = None

**Heating and/or Cooling** \_\_\_\_\_  
H = Heating Only  
R = Heating and Cooling (Reversible)

**Voltage/Frequency/Phases** \_\_\_\_\_  
1 = 208-230/60/1

**Hot Water Options** \_\_\_\_\_  
0 = No IntelliStart  
3 = IntelliStart

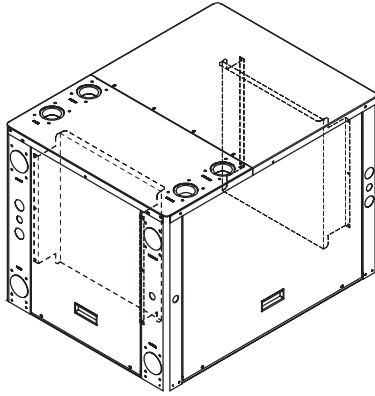
**Coax Options** \_\_\_\_\_  
C = Copper

**Blower Motor Options** \_\_\_\_\_  
N = None

NOTES:  
T10P5L is standard warranty and included in price  
Aurora™ Advanced Controls  
Vapor Injection Compressor

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

# Water to Water Packaged Units



### 1GW Series

- Extended range operation (20-120°F EWT)
- Earth friendly R-410A refrigerant
- GW series Aurora™ based controls
- Duration™ Scroll (single speed) compressors
- Expansion valve
- Special gray powder coated cabinet
- Factory computer run test
- ARI/ASHRAE/ISO 13256-1 performance certified and UL/ETL safety listed
- Fully insulated cabinet, coax HE, water piping and ref. lines
- **10-year parts and 5-year labor allowance**

### 2GW Series

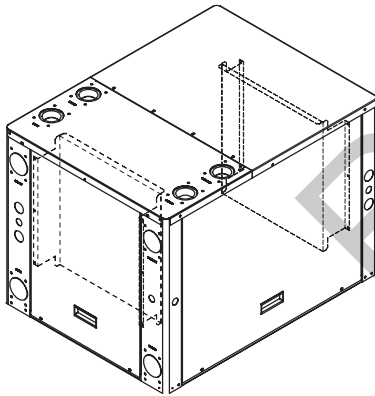
- Ultra-compact 25"W x 33"D x 24"H
- Standard waterlines out the back or front (field convertible via control box)
- Factory optional top waterlines
- High efficiency brazed plate heat exchanger
- High efficiency scroll compressors (2)
- Optional IntelliStart
- Aurora™ Advanced Control package
- **10-year parts and 5-year labor allowance**

**Table GEO-10-A — 1GW - 2GW Hydronic Heat Pumps**

Unit Model No.	Power Supply Volts/Hz/Phase	Normal Cooling Capacity (Btuh)	Normal Heating Capacity (Btuh)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Water Supply and Return Size	Min Circ Amp	Max Fuse
T1GW018	208-230/60/1	17,300	15,000	26.1x19.5x23.5	213	1	20.1	30
T1GW025	208-230/60/1	24,700	22,000	26.1x19.5x23.5	247	1	24.1	35
T1GW040	208-230/60/1	37,700	31,000	26.2x22.0x31.0	305	1	32.2	50
T1GW050	208-230/60/1	51,500	44,000	26.2x22.0x31.0	340	1 1/4	40.2	60
T1GW060	208-230/60/1	58,000	50,000	26.2x22.0x31.0	360	1 1/4	44.8	70
T1GW075	208-230/60/1	68,400	62,000	26.2x22.0x31.1	360	1 1/4	40.8	60
<hr/>								
T2GW100	208-230/60/1	100,000	82,000	24.1x25.58x33.6	385	2	33.0/41.4	50/60
T2GW120	208-230/60/1	114,000	93,000	24.1x25.58x33.6	395	2	37.6/46.0	60/70
T2GW150	208-230/60/1	147,000	123,000	24.1x25.58x33.6	395	2	33.6/42.0	60/60
T2GW180	208-230/60/1	165,000	139,000	24.1x25.58x33.6	415	2	40.1/48.5	70/80

\*For models not listed and unit details, please refer to the Geothermal Hydronic Heat Pump Product Data publication.

Geothermal



### 1GH Series

- Extended range operation (20-120°F EWT)
- Hi-Temp 150° Leaving Water Temps
- Earth friendly R-410A refrigerant
- Aurora™ Advanced Controls
- Single Stage Vapor Injection Scroll Compressor
- Expansion Valve
- 3 sizes - 040, 050 and 066 Capacity
- Boiler Replacement Option
- Powder coated cabinet
- ARI/ASHRAE/ISO 13256-1 performance certified and UL/ETL safety listed
- **10-year parts and 5-year labor allowance**

**Table GEO-10-B — 1GH H Series (High Temperature) Hydronic Heat Pump (3-6 Tons)**

Unit Model No.	Power Supply Volts/Hz/Phase	Normal Cooling Capacity (Btuh)	Normal Heating Capacity (Btuh)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Water Supply and Return Size	Min Circ Amp	Max Fuse
T1GH040	208-230/60/1 <sup>①</sup>	30,600	34,000	26.2 x 22.0 x 31.0	320	1	29.5	45
T1GH050	208-230/60/1	44,500	45,000	26.2 x 22.0 x 31.0	355	1	37.5	60
T1GH066	208-230/60/1	54,000	56,500	26.2 x 22.0 x 31.0	375	1	39.5	60

\*For models not listed and unit details, please refer to the Geothermal Hydronic Heat Pump Product Data publication.

① Voltage and soft start available in this size.

**Models listed are representative ONLY. Please refer to model nomenclature for product line configuration.**



# Water to Water Packaged Units

**Table GEO-11-A — Optional Accessories 1GW**

Model Number	Description	Used With
<b>Circulating Pump Kits</b>		
24S516-10	Load-side low flow pump (Potable Water)	018, 025
EWPk1 <sup>①</sup>	Load-side pump kit, 1" cast iron volute	018, 025, 040
EWPk2	Load-side pump kit, 1" bronze volute	018, 025
EWPk3 <sup>①</sup>	Load-side pump kit, 1 1/4" cast iron volute	050, 060, 075
13P003B	Low voltage pump signal relay (combined source pumps)	018, 025, 040, 050, 060, 075
<b>Water Connection Kits</b>		
MA4FPT	1" MPT x 1" FPT w/1/4 tap, Load Side W-W	018, 025, 040
MA5FPT	1 1/4" MPT x 1" FPT w/1/4 tap, Load Side W-W	050, 060, 075
2-HVAC-1.00X24	Stainless steel hose kit 1"	018, 025, 040
2-HVAC-1.25X24	Stainless steel hose kit 1 1/4"	050, 060, 075
<b>Hot Water Generator Pump Kit</b>		
DPK5	Includes 230v 1/25 hp pump and fittings	040, 050, 060, 075
<b>Air Pads</b>		
AP2430	AP= High density plastic	018, 025, 040
AP32	AP= High density plastic	050, 060, 075
APF2428	2" PEX foam, cutable	018, 025
APF2634	2" PEX foam, cutable	040, 050, 060, 075

<sup>①</sup> Not for use in 018 and 025 potable water applications.

**Table GEO-11-B — Optional Accessories 2GW**

Model Number	Description
<b>Hose Kits<sup>②</sup></b>	
CR6UBY-200-24	2" Stainless Steel hose kit, Y-Strainer, ball valves, and end fittings
<b>Water Connection Kit<sup>①</sup></b>	
CKNDW1	Source side OR Load side unit fittings, P/T plugs
<b>Large Flow Centers<sup>②</sup></b>	
FCL1-5028	1 Grundfos 3 speed pump (28 feet of head at 50 GPM)
FCL2-5028	2 Grundfos 3 speed pump (56 feet of head at 50 GPM)
FCL1-5038	1 Grundfos 3 speed pump (38 feet of head at 50 GPM)
FCL2-5038	2 Grundfos 3 speed pump (76 feet of head at 50 GPM)
FCL1-5055	1 Grundfos 3 speed pump (55 feet of head at 50 GPM)
FCL2-5055	2 Grundfos 3 speed pump (110 feet of head at 50 GPM)
<b>Load-Side Pump (pump and 2 "GL" fittings)<sup>②</sup></b>	
PML32-160	1 Grundfos 3 speed pump (28 feet of head at 50 GPM)
PML40-160	1 Grundfos 3 speed pump (38 feet of head at 50 GPM)
PML40-240	1 Grundfos 3 speed pump (55 feet of head at 50 GPM)
<b>Large Flow Centers Fittings (sets of 2)<sup>②</sup></b>	
GL6FPT	1.5" FPT X 2" GeoLink
GL8FPT	2" FPT X 2" GeoLink
GL-FPL	Flushing Adapter
<b>Flow Switch Kit</b>	
FPS300	Flow Switch Kit
<b>Connection Kit</b>	
CK5L	1 1/4" MPT X 1 1/4" hose barb, brass elbow w/ 1/4" P/T plugs
<b>Rubber Hose Kit w/ Strainer</b>	
CK5L-XLS	CK5L, 2 - 8' 1 1/4" rubber hose, pair 1 1/4" hose barb x 1 1/4 XL style fittings, steel hose clamps, with mesh bronze strainer

<sup>①</sup> This part can be used for both load and source side. 2 kits will need to be purchased for fittings for both sides.

<sup>②</sup> Drop shipped from vendor. Does not include freight.

## Water to Water Packaged Units

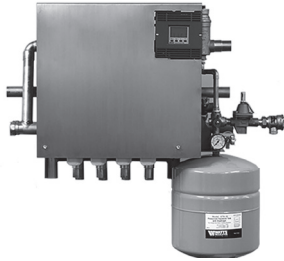
**Table GEO-12-A — Optional Accessories 1GH**

Model Number	Description	Used With
<b>Circulating Pump Kits</b>		
EWPK1*	Load-side pump kit, 1" FPT, cast iron volute	040
EWPK3	Load-side pump kit, 1 1/4" cast iron volute	050, 066
13P003B	Low voltage pump signal relay (combined source pumps)	040, 050, 066
<b>Water Connection Kits</b>		
MA4FPT	1" MPT x 1" FPT w/1/4 tap, Load Side W-W	040
MA5FPT	1 1/4" MPT x 1" FPT w/1/4 tap, Load Side W-W	050, 066
WFI-HKM-100-24-M0	Stainless steel hose kit 1"	040
WFI-HKM-125-24-M0	Stainless steel hose kit 1 1/4"	050, 066
<b>Hot Water Generator Pump Kit</b>		
DPK5	Includes 230v 1/25 hp pump and fittings	040, 050, 066
<b>Air Pads</b>		
AP2430	AP= High density plastic	040
AP32	AP= High density plastic	050, 066
APF2634	2" PEX foam, cutable	040, 050, 066

Read Only

# HydroLogic™ Control

- Water to Water Load Side Zone Control
- Menu Driven Software
- Adjustable setpoints and deadbands
- Three control strategies
- Lead/Lag logic
- Utilizes Geo Storage tank sensor
- **2-year parts & labor allowance warranty included in list price**



**Table GEO-13-A — HydroLogic™ Control**

Model Number	Specification	Unit Compatibility
HZC	HydroLogic™ Control Only	All
HLP2EXPU	HydroLogic™ Control 2 Zone Expansion Panel - uninsulated	All
HLP4EXPU	HydroLogic™ 4 Zone Expansion Panel - uninsulated	All
HLP2EXPI	HydroLogic™ 2 Zone Expansion Panel - insulated	All
HLP4EXPI	HydroLogic™ 4 Zone Expansion Panel - insulated	All
HLPC3U	HydroLogic™ Control Panel - Combination Systems - Up to 3 Tons - uninsulated	*2GY
HLPC6U	HydroLogic™ Control Panel - Combination Systems - Up to 6 Tons - uninsulated	*2GY
HLPW3U	HydroLogic™ Control Panel - Water-to-Water Systems - Up to 3 Tons - uninsulated	*1GW, *1GH
HLPW6U	HydroLogic™ Control Panel - Water-to-Water Systems - Up to 6 Tons - uninsulated	*1GW, *1GH
HLPC3I	HydroLogic™ Control Panel - Combination Systems - Up to 3 Tons - insulated	*2GY
HLPC6I	HydroLogic™ Control Panel - Combination Systems - Up to 6 Tons - insulated	*2GY
HLPW3I	HydroLogic™ Control Panel - Water-to-Water Systems - Up to 3 Tons - insulated	*1GW *1GH
HLPW6I	HydroLogic™ Control Panel - Water-to-Water Systems - Up to 6 Tons - insulated	*1GW *1GH
TP42H01	Touchscreen Thermostat - 4 heat / 2 cool	All
TP10H01	Radiant Touchscreen Thermostat - 1 heat / 0 cool	All
TA10H01	Radiant Thermostat - 1 Heat / 0 Cool	All
ADPL012	Thermostat Adapter Plate	All

Note: HZ0 is for tank control only with no zones.  
HydroLogic Parts Supplier Mfg. by Watts

# Triple Function Hybrid Water to Air Systems

Geothermal

## GY Series Hybrid Systems

1 2 3 4 5 6 7 8 9 10 11 12 13 14  
T 2 G Y 0 3 8 T R R 1 0 C 1  
▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲ ▲

**Brand**

T = EnviroWise™

**Compressor Type**

2 = Single Stage Compressor

**Product Category**

G = Geothermal

**Product Type**

Y = Premium Packaged System  
(Water-to-Air plus Radiant Heating)

**Nominal BTU's**

Thousands of BTU's

**\*Discharge Air Configuration**

T = Top (Vertical)  
R = Rear (Vertical 049-072 Only)

**\*Return Air Configuration**

L = Left Painted  
R = Right Painted

**Heating and/or Cooling**

R = Heating and Cooling

**Voltage/Frequency/Phases**

1 = 208-230/60/1

**\*Hot Water Options**

0 = No Hot Water, No IntelliStart  
2 = Hot Water Generator without factory installed pump  
(022-072 Only) No IntelliStart  
3 = No Hot Water, IntelliStart  
5 = Hot Water Generator without factory installed pump  
(022-072 Only) IntelliStart

**\*Coax Options**

C = Copper  
N = Cupronickel  
L = Source Cupronickel/Load Copper  
S = Source Copper/Load Cupronickel

**\*Blower Motor Options**

1 = ECM Blower  
2 = Oversized ECM Blower (038 & 049 Only)

**Capacities**

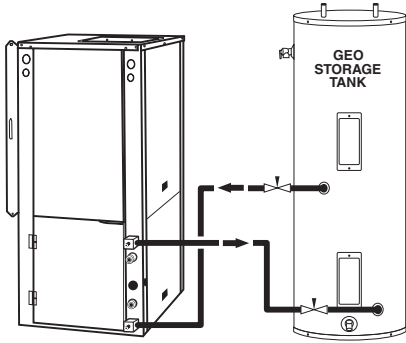
Two Stage = 038, 049, 064, 072

\*Select desired options to create specific model number.

Note: The factory installed water option (hot water generator) does not include factory mounted circulating pump or temperature control.

DPK5 (ordered seperately) includes field installed circulator, hot water tank adaptor, temperature limit and installation instructions.

# Triple Function Hybrid Water to Air Systems



- Extended range operation (20-120°F EWT)
- Hybrid "3 in 1" system-space heat, space cool, hot water to radiant floor zones
- Optional hot water generator
- Earth friendly R-410A refrigerant
- Premier 2 microprocessor based controls
- Duration™ dual capacity scroll Compressor
- ECM variable speed fan motor
- FormiShield™ coated air coil
- Expansion valve
- Optional internal electric heat
- 1" Swivel fittings
- Special gray powder coated heavy gauge galvanized cabinet
- Factory computer run test
- ARI/ASHRAE/ISO 13256-1 performance certified and UL/ETL safety listed
- 2" filter rack with MERV 11 filter Included
- **10-year parts and 5-year labor allowance**

**Table GEO-15-A — GY Series Hybrid Systems**

Unit Model No.	Power Supply Volts/Hz/Phase	Normal Cooling Capacity (Btuh)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	Supply Opening (WxD)	Return Opening (DxH)	Filter Size	Water Inlet/Outlet Size	Min Circ Amp	Max Fuse
T2GY038	208-230/60/1	35,200	50.4x25.6x31.6	445	18x18	28x26	28x30	1" Swivel	31.2	45
T2GY049	208-230/60/1	43,800	54.4x25.6x31.6	550	18x18	28x30	32x30	1" Swivel	36.8	50
T2GY064	208-230/60/1	59,400	58.4x25.6x31.6	560	18x18	28x34	36x30	1" Swivel	45.5	70
T2GY072	208-230/60/1	69,100	58.4x25.6x31.6	560	18x18	28x34	36x30	1" Swivel	47.5	70

\* For models not listed and unit details, please refer to the Geothermal Heat Pump with Water Heating for Radiant Floor Applications Product Data publication.

**Table GEO-15-B — Optional Accessories**

Model Number	Description	Used With
<b>Disposable Pleated Filters, 2" MERV11<sup>①</sup></b>		
59P509-08	Vertical Units (28x30)	038
59P509-07	Vertical Units (30x32)	049
59P509-06	Vertical Units (30x36)	064, 072
<b>Air Pads for Vertical Units</b>		
AP32	AP - High density plastic	038, 049, 064, 072
APF2634	APF - 2" PEX foam, cutable	038, 049, 064, 072
<b>Vertical Auxiliary Heaters</b>		
EAL10A <sup>②</sup>	Vertical Auxiliary Heaters	038, 049, 064, 072
EAL15A <sup>②</sup>	Vertical Auxiliary Heaters	038, 049, 064, 072
EAL20A <sup>②</sup>	Vertical Auxiliary Heaters	049, 064, 072
<b>Horizontal Auxiliary Heaters</b>		
EALH10A <sup>③</sup>	Horizontal Units (Rear Discharge Units Only)	038, 049, 064, 072
EALH15A <sup>③</sup>	Horizontal Units (Rear Discharge Units Only)	038, 049, 064, 072
EALH20A <sup>③</sup>	Horizontal Units (Rear Discharge Units Only)	049, 064, 072
<b>Hot Water Generator Pump Kit</b>		
DPK5 <sup>④</sup>		038, 049, 064, 072
<b>Thermostats (All Controls- 3H, 2C, Dual Fuel Compatible)</b>		
AZONE950AC52ZA	950 Premium Control (Requires Relay Panel)	
BAY24VRPAC52DA	24 Volt Interface Relay Panel for 950 Control	
ACONT802AS32DA	Programmable Touch Screen Digital Control	
ACONT803AS32DA	Programmable Touch Screen Digital Control with Dehumidification Control	
ACONT402AN32DA	Non-Programmable Comfort Control	

<sup>①</sup> Minimum order qty. 2.

<sup>②</sup> Sequenced Operation, 15-20kW include internal fuses.

<sup>③</sup> Sequenced Operation, 15-20kW include internal fuses. Rear discharge units only.

<sup>④</sup> Must be purchased with any Y with hot water generator option.

Note: For hydronic accessories, please see hydronic price book.

**Models listed are representative ONLY. Please refer to model nomenclature for product line configuration.**

# Split Heat Pump Units

Geothermal

## 2GN Indoor Split Heat Pumps

1 2 3 4 5 6 7 8 9 10 11 12 13 14  
T 2 G N 0 2 2 N N R 1 0 C N

**Brand** \_\_\_\_\_  
T = EnviroWise™

**\*Compressor Type** \_\_\_\_\_  
2 = Two Stage Compressor

**Product Category** \_\_\_\_\_  
G = Geothermal

**Product Type** \_\_\_\_\_  
N = Premium Split System Interior Grade

**Nominal BTU's** \_\_\_\_\_  
Thousands of BTU's

**Discharge Air Configuration** \_\_\_\_\_  
N = None

**Return Air Configuration** \_\_\_\_\_  
N = None

**Heating and/or Cooling** \_\_\_\_\_  
R = Heating and Cooling

**Voltage/Frequency/Phases** \_\_\_\_\_  
1 = 208-230/60/1

**\*Hot Water Options** \_\_\_\_\_  
0 = No Hot Water, No IntelliStart  
1 = Hot Water Generator with external factory pump, No IntelliStart  
3 = No Hot Water, IntelliStart  
4 = Hot Water Generator with external factory pump, IntelliStart

**\*Coax Options** \_\_\_\_\_  
C = Copper  
N = Cupronickel

**Blower Motor Options** \_\_\_\_\_  
N = None

**Capacities**  
Dual = 026, 038, 049, 064

\*Select desired options to create specific model number.

## GE Outdoor Split Heat Pumps

1 2 3 4 5 6 7 8 9 10 11 12 13 14  
T 2 G E 0 2 6 N N R 1 0 C A

**Brand** \_\_\_\_\_  
T = EnviroWise™

**Compressor Type** \_\_\_\_\_  
2 = Two Stage Compressor

**Product Category** \_\_\_\_\_  
G = Geothermal

**Product Type** \_\_\_\_\_  
E = Premium Split System Exterior Grade

**Nominal BTU's** \_\_\_\_\_  
Thousands of BTU's

**Discharge Air Configuration** \_\_\_\_\_  
N = None

**Return Air Configuration** \_\_\_\_\_  
N = None

**Heating and/or Cooling** \_\_\_\_\_  
R = Heating and Cooling

**Voltage/Frequency/Phases** \_\_\_\_\_  
1 = 208-230/60/1

**\*Hot Water Options** \_\_\_\_\_  
0 = No Hot Water, No IntelliStart  
3 = No Hot Water, IntelliStart

**\*Coax Options** \_\_\_\_\_  
C = Copper  
N = Cupronickel

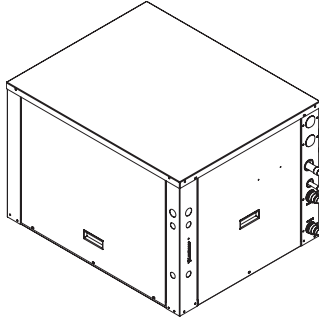
**Flow Center Options** \_\_\_\_\_  
A = One Pump Flow Center  
B = Two Pump Flow Center

**Capacities**  
Dual = 026, 038, 049, 064

\*Select desired options to create specific model number.

Ready Only

# Split Heat Pump Units



- Extended range operation (20-120°F EWT)
- Earth friendly R-410A refrigerant
- Duration™ Dual capacity scroll compressor
- Premier 2 microprocessor based controls with fault Indicator Lights
- Expansion valve
- 1" Swivel fittings
- Special gray powder coated heavy gauge galvanized cabinet
- Accumulator on all models
- Factory computer run test
- ARI//ASHRAE/ISO 13256-1 performance certified and UL/ETL safety listed
- **10-year parts and 5-year labor allowance**

**Table GEO-17-A — 2GN Indoor Split Heat Pumps**

Unit Model No.	Power Supply Volts/Hz/Phase	Normal Cooling Capacity (Btuh)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	Refrigerant Suction Line ①	Refrigerant Liquid Line ①	Min Circ Amp	Max Fuse
T2GN026	208-230/60/1	26,200	19.5x22.5x26.5	209	5/8	3/8	19.9	30
T2GN038	208-230/60/1	35,000	21.25x25.5x31.5	256	3/4	3/8	24.4	40
T2GN049	208-230/60/1	47,700	21.25x25.5x31.5	270	3/4	3/8	31.8	50
T2GN064	208-230/60/1	59,100	21.25x25.5x31.5	291	7/8	1/2	39.3	70

① 20' Line Set Length. Consult Guide for other lengths.

\* For models not listed and unit details, please refer to the Geothermal Indoor Split Heat Pump Product Data publication.

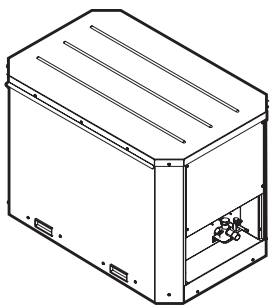
**Table GEO-17-B — Optional Accessories**

Model Number	Description	Used With
<b>Air Pads</b>		
AP32	AP= High density plastic	026, 038, 049, 064
APF2634	APF= 2" PEX foam, cutable	026, 038, 049, 064
<b>Thermostats (All Controls- 3H, 2C, Dual Fuel Compatible)</b>		
AZONE950AC52ZA	950 Premium Control (Requires Relay Panel)	
BAY24VRPAC52DA	24 Volt Interface Relay Panel for 950 Control	
ACONT402AN32DA	Non-Programmable Comfort Control	
ACONT824AS42DA	24 Volt Color Touchscreen Control	

**Models listed are representative ONLY. Please refer to model nomenclature for product line configuration.**



# Split Heat Pump Units



- Extended range operation (20-120°F EWT)
- Earth Friendly R-410A Refrigerant
- Rated for outdoor installation
- Premier 2 microprocessor based controls with fault indicator lights
- Duration™ 2 stage scroll compressor
- Expansion valve
- Gray powder coated heavy gauge galvanized cabinet
- Accumulator on all models
- Factory computer run test
- ARI/ASHRAE/ISO 13256-1 performance certified and UL/ETL safety listed
- Internally mounted flow center in cabinet (factory installed)
- **10-year parts and 5-year labor allowance**

**Table GEO-18-A — 2GE Outdoor Split Heat Pumps**

Unit Model No.	Power Supply Volts/Hz/Phase	Normal Cooling Capacity (Btuh)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	Refrigerant Suction Line ①	Refrigerant Liquid Line ①	Min Circ Amp	Max Fuse
T2GE026	208-230/60/1	26,200	26.7x36.0x23.9	209	5/8	3/8	17	25
T2GE038	208-230/60/1	35,000	26.7x36.0x23.9	256	3/4	3/8	23.4	40
T2GE049	208-230/60/1	47,700	26.7x36.0x23.9	270	3/4	3/8	27.9	50
T2GE064	208-230/60/1	59,100	26.7x36.0x23.9	291	7/8	1/2	32.4	60
T2GE072	208-230/60/1	62,700	26.7x36.0x23.9	310	7/8	1/2	34	60

① 20' Line Set Length. Consult Guide for other lengths.

\* For models not listed and unit details, please refer to the Geothermal/Water Source Outdoor Split Heat Pump Product Data publication.

**Table GEO-18-B — Optional Accessories**

Model Number	Description	All GE Unit Sizes
<b>Mounting Pad</b>		
AP3042	Bramec III, 6"x 6" modular construction	
<b>Thermostats (All Controls- 3H, 2C, Dual Fuel Compatible)</b>		
AZONE950AC52ZA	950 Premium Control (Requires Relay Panel)	
BAY24VRPAC52DA	24 Volt Interface Relay Panel for 950 Control	
ACONT402AN32DA	Non-Programmable Comfort Control	
ACONT824AS42DA	24 Volt Color Touchscreen Control	

Geothermal

Read Only

**Models listed are representative ONLY. Please refer to model nomenclature for product line configuration.**

# Air Handlers and Coils

## TAMG Air Handler

1 2 3 4 5 6 7 8 9 10 11 12 13 14  
T A M G B O C 3 6 V 3 1 D A

- Brand  
T = EnviroWise™
- Product Type  
A = Air Handler
- Convertability  
M = Multi-poise 4-way
- Product Tier  
G = Best, Geothermal
- Major Design Change  
B = Current
- No Descriptor  
0 = Air Handler / Coil
- Size (Footprint)  
A = 17.5 x 21.5  
B = 21.0 x 21.5  
C = 23.5 x 21.5
- Cooling Size: Air Handler or Coil  
0-9 = AH Coil - 1000 BTU's (24, 36, 48, 60)
- Airflow Type & Capability  
V = High Effy Variable, 1-5 - nom. Tonnage (cfm/ton)
- Power Supply  
1 = 208-230/1/60
- System Control Type  
D = Dual (24 VAC / CLII 13.8 VDC) Epoxy Coated
- Minor Design Change

## GCX Coils

1 2 3 4 5 6 7 8 9 10 11 12 13 14  
T G C X C R 0 2 6 A M A A \*

- Brand  
T = EnviroWise™
- Product Category  
G = Geothermal
- Product Type  
C = Split System Dual Fuel Coil
- Coil Design  
X = Direct Expansion  
Evaporator Coil TXV Included
- Coil Cabinet  
C = Cabinet Encased  
U = Uncased
- Model Type  
R = Refrigerant Coil  
H = Hydronic Coil
- Nominal Coil Capacity  
Refrigerant Models Recommended Airflow CFM  
026 M bth 800-980  
036 M bth 1225  
048 M bth 1425-1625  
060 M bth 1760  
Hydronic Models  
060 M bth 1760
- Coil Width  
A = 20.8" / 20.0"
- Airflow Configuration  
Cased = Multi-poise  
Uncased = Multi-poise
- Series  
A = Current
- Vintage  
A = Current
- Minor Design Change - not orderable

## Hydronic Air Handler

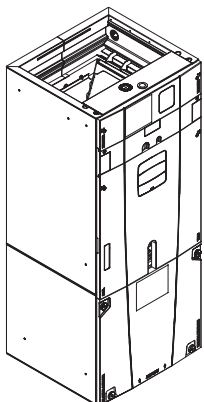
1 2 3 4 5 6 7 8 9 10 11 12 13 14  
T G A 2 6 H 0 0 1 1 M S A

- Brand  
T = EnviroWise™
- Product Category  
G = Geothermal
- Product Type  
A = Split System Air Handler
- Unit Capacity  
Hydronic Models Recommended Airflow CFM  
26 = 026 M bth 925  
36 = 036 M bth 1225  
48 = 048 M bth 1625  
60 = 060 M bth 1625
- Air Coil Type  
H = Hydronic
- Electric Heat  
00 = No Electric Heat  
05 = 05 kW  
10 = 10 kW  
15 = 15 kW  
20 = 20 kW
- Disconnect  
0 = No Breaker Installed
- Motor/Blower  
1 = ECM Available Only
- Power Supply  
1 = 208-230/1/60
- Applications  
M = Multi-Poise  
042-060 Downflow Application Only Requires Kit NAHBC
- System Control Type  
S = Standard - 24 VAC
- Series  
A = Current

Geothermal

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

# Split Air Handlers



- Unique cabinet design
  - 2% or less air leakage
  - Double wall foamed cabinet system
  - ≥ R-4.2 insulating value (Avg. Insulating Value R-8.2)
  - No loose fiber design
  - Smooth cleanable interior design
  - Sweat eliminating design
  - Composite foamed cabinet doors
  - Water proof cabinet design
  - Integrated horizontal drain pans
  - Modular cabinet
- Control board protection pocket built into cabinet wall
- Epoxit coated coil
- Multi-position up/down flow horizontal left/right
- Variable speed ECM motor
- Electronic Expansion Valve (EEV)
- Aluminum coil with integrated slide deck for easy removal and polarized plug connections on coil EEV
- Molded in 1" standard filter rail
- Alert port to view control board codes without door removal
- **Vortica**® blower with polarized plug connections and integrated slide deck for easy removal.
- **10-year parts warranty registered**
- **No labor warranty. Extended Labor Warranty packages available**

**Table GEO-20-A — TAMG Variable Speed R-410A 200-230/1/60**

Unit Model No.	Cooling Capacity (Btuh)	Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Supply Opening		Return Opening		Filter Sizes	Line Size	
									Gas	Liquid
TAMGB0A24V21DA	24000	49.9x 17.5x 21.8	126	14.5x	14.35	14.5x	17.15	16x20x1	3/4	3/8
TAMGB0C36V31DA	36000	56.9x 23.5x 21.8	157	20.5x	14.35	20.5x	17.15	22x20x1	7/8	3/8
TAMGB0C48V41DA	48000	61.7x 23.5x 21.8	174	20.5x	14.35	20.5x	17.15	22x20x1	7/8	3/8
TAMGB0C60V51DA	60000	61.7x 23.5x 21.8	175	20.5x	14.35	20.5x	17.15	22x20x1	7/8	3/8

**Table GEO-20-B — Optional Accessories**

Model Number	Description	Used With
BAYEAAC05BK1AB	5 kW (16400 BTU) electric heater, breakers	TAMGB0A24-C60
BAYEAAC08BK1AB	8 kW (26200 BTU) electric heater, breakers	TAMGB0A24-C60
BAYEAAC10BK1AB	10 kW (32800 BTU) electric heater, breakers	TAMGB0A24-C60
BAYEABC15BK1AB	15 kW (49200 BTU) electric heater, breakers	TAMGB0C36-C60
BAYEABC20BK1AA	20 kW (65600 BTU) electric heater, breakers	TAMGB0C36-C60
BAYWAAA05SC1AA	40,000 BTUH, hydronic heater, for A cabinet	TAMGB0A24
BAYWACC08SC1AA	65,000 BTUH, hydronic heater, for C cabinet	TAMGB0C36-C60
BAYWACC11SC1AA	100,000 BTUH, hydronic heater, for C cabinet	TAMGB0C60
BAYSUPFLGAA	Supply Duct Flange A cabinet	TAMGB0A24
BAYSUPFLGCA	Supply Duct Flange C cabinet	TAMGB0C36-C60
BAYRETFLGAA	Return Duct Flange A cabinet	TAMGB0A24
BAYRETFLGCA	Return Duct Flange C cabinet	TAMGB0C36-C60
TASB175SB②④	Plenum Stand with Integrated Sound Baffle A cabinet	TAMGB0A24
TASB235SB②④	Plenum Stand with Integrated Sound Baffle C cabinet	TAMGB0C36-C60
MTISRKIT1620②	Side Return Kit with 16"x20" Filter	TAMGB0A24-C60
TASSBK175②③	Sound Baffle Kit 17.5" Cabinet	TAMGB0A24
TASSBK235②③	Sound Baffle Kit 23.5" Cabinet	TAMGB0C36-C60
BAYSPEKT200	Single Power Entry Kit	TAMGB0A24-C60
BAYSRKIT100	Side Return Kit	TAMGB0A24-C60
BAYICKSIT01	Internal Condensate Switch Kit	TAMGB0A24-C60
BAYHHKIT001	Horizontal Hanger Kit	TAMGB0A24-C60
BAYUVCLK001	UVC Lights	TAMGB0A24-C60
BAYLVKIT100	Low Voltage Conduit Entry Kit	TAMGB0A24-C60

① A Cabinet is 17.5" wide and C Cabinet is 23.5" wide.

② Contact your distributor for information.

③ In return plenum applications, use TASSBK kits for sound reduction.

④ In open air applications, Plenum Stand with Sound Baffle provides sound reduction.

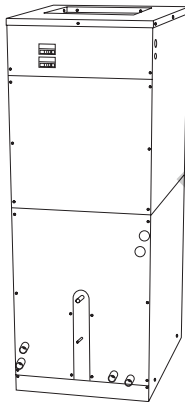
**Models listed are representative ONLY. Please refer to model nomenclature for product line configuration.**

## Heaters - Split Air Handlers

Table GEO-21-A — Heaters

AIR HANDLER	HEATER MODEL NUMBER BAYEA-					
MODEL NUMBER	AC05BK1BA 4.80 Kw BK	AC08BK1BA 7.68 Kw BK	AC10BK1BA 9.60 Kw BK	BC15BK1BA 14.40 Kw BK	BC20BK1BA 19.20 Kw BK	CC25BK1BA 24.00 Kw BK
TAMGB0A24V21DA	Y	Y	Y	—	—	—
TAMGB0C36V31DA	Y	Y	Y	Y	Y	—
TAMGB0C48V41DA	Y	Y	Y	Y	Y	Y
TAMGB0C60V51DA	Y	Y	Y	Y	Y	Y

## Hydronic Air Handlers

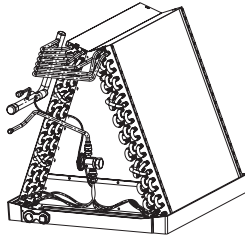


- Heavy gauge galvanized steel with metallic silver powder coat finish
- Full interior cabinet insulated with 1/2" foil lined acoustic fiber insulation
- Multi-Poise configuration
- 2-Piece separatable cabinet for ease of installation
- Slide out blower assembly
- Full ECM motor
- 1" Filter rack with MERV 4 filter included
- Two stainless steel drain pans
- Hydronic "A" coil option
- ARI/ASHRAE/ISO 13256-1 performance certified and UL/ETL safety listed
- **10-year parts and 5-year labor allowance**

Table GEO-21-B — GA Hydronic Air Handlers

Unit Model No.	Power Supply Volts/Hz/Phase	Rated Airflow (CFM)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	Supply Opening (DxH)	Return Opening (DxH)	Filter Size	Water Inlet/ Outlet Size	Min Circ Amp	Max Fuse
TGA26H	208-230/60/1	925	57.3x21.0x26.1	220	18x18	17x22	20x24	7/8	5	10
TGA36H	208-230/60/1	1225	57.3x21.0x26.1	220	18x18	17x22	20x24	7/8	5	10
TGA48H	208-230/60/1	1625	57.3x21.0x26.1	220	18x18	17x22	20x24	7/8	8.8	15
TGA60H	208-230/60/1	1760	57.3x21.0x26.1	220	18x18	17x22	20x24	7/8	8.8	15

## GCX - Coils



- "A" Coil Design
- Electro-Coated Coil
- Copper Tube/ Aluminum Fin Design
- Factory Configured for Upflow and Horizontal Left
- Field Configurable for Downflow or Horizontal Right
- Factory Installed TXV
- Sweat Connections
- Condensate Drain Pan Included

**Table GEO-22-A — Common Model Configurations**

Unit Model No. Cased Coil	Unit Model No. Matched Heat Pump	Recommended Airflow (CFM)	Cased Cabinet Dimensions (in.) H x W x D	Supply Connection Width/ Depth	Uncased Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Hydronic Connection In/Out	Condensate Drain Connection, FTP
TGCXCR026	T2GN/GE026	925	29.1x20.8x26.0	19.0/24.1	20.7x20.0x24.9	100	N/A	3/4
TGCXCR036	T2GN/GE038	1225	29.1x20.8x26.0	19.0/24.1	20.7x20.0x24.9	100	N/A	3/4
TGCXCR048	T2GN/GE049	1625	29.1x20.8x26.0	19.0/24.1	20.7x20.0x24.9	100	N/A	3/4
TGCXCR060	T2GN/GE064	1760	29.1x20.8x26.0	19.0/24.1	20.7x20.0x24.9	100	N/A	3/4
TGCXCR060	T2GN/GE072	1760	29.1x20.8x26.0	19.0/24.1	20.7x20.0x24.9	100	N/A	3/4
TGCXCH060	T2GN/GE064	1760	N/A	19.0/24.1	25.2x20.0x24.9	100	7/8	3/4

Read Only

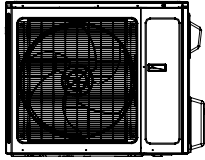
**Models listed are representative ONLY. Please refer to model nomenclature for product line configuration.**

## Standard Accessories

**Table GEO-23-A — Accessories**

Model Number	Description
<b>GL Flow Centers and Accessories</b>	
Pre-assembled with pump(s), 3-way valves with flush ports, internal components injected with foam. Horizontal or vertical mounting capability. GL features a Die Cast Brass valve and pump volute, high-impact polystyrene cabinet, GL5PES, and uses GeoLink Connection Kits.	
FC1-GL	1 Grundfos Pump
FC2-GL	2 Grundfos Pumps
2 Brass adapters with P/T plugs for unit connection, 10' reinforced 1" rubber hose for unit to flow center and two 1" GL x 1" hose barb for flow center connection.	
CK4L-GLI	Unit Connection Kit 1" GL x 1" Insert
<b>Rubber Hose</b>	
1" rubber hose for connection from unit to flow center.	
RH550	50' of 1" Rubber Hose
<b>Geo Storage Tank</b>	
Use with Hot Water Generator Option or Hydronic Storage.	
GEO-STORAGE- 80	63 <sup>1</sup> / <sub>4</sub> x 24
GEO-STORAGE-120	63 <sup>1</sup> / <sub>4</sub> x 28
<b>Loop Expansion Tank</b>	
LET	1 <sup>1</sup> / <sub>4</sub> Socket Fusion, <sup>3</sup> / <sub>4</sub> Gallon Capacity
<b>Anti-Freeze</b>	
EN2-D	55 Gallon Drum - Environol 2000 Pure
EN2-P	5 Gallon Pail - Environol 2000 Pure (minimum order quantity for EN2-P is 5 pails.)
<b>IntelliZone2-24V with Master Stat 4 Zone Control - with Cabinet and 10' Blower Wiring Harness</b>	
IntelliZone2-24V	Non communicating Zone system that operates on typical 24VAC outputs. Multiple level zone calls communicate exact zone load requirements. Controls up to 4 zones w/dual capacity compressor, and 2 w/single-speed compressor. Zone sizes as small as 25% of whole house. Individual zone selectable economy or comfort mode. Separate staging options for heating and cooling. Kit includes - IntelliZone2-24V conversion board, IntelliZone2 relay board, Communicating MasterStat and outdoor temperature sensor.
ZoneStat	Zone Thermostat
SensorStat	Zone Sensor Thermostat
Z2TK	Zone Transformer Kit - 208/240V - 24V
<b>Earth Loop Flushing System</b> <sup>①</sup>	
High volume, high head, self-priming pump. Quick connect hoses. Heavy duty design. Mounted on a cart. All pipe is schedule 80 polypropylene.	
LFC-F	
GL-FP	1" Cam Lever Male Elbow for Flush Port.
<b>Adapter Sets</b>	
2 pcs. included in each set.	
92B025-99	Unit Connector Insulation Kit.
GLGH	Garden Hose Adapter for Loop Pump Replacement.
<b>Service Tool Kit</b>	
Includes 0-100 PSI Pressure Gauge, Pressure Gauge to PT Port Adapter, Digital Thermometer, Loop Pressurizer, Alcohol Specific Gravity Hygrometer.	
GEOHERMAL-STK	99P247A01, LP1, CAMT, 11P538A01, 11P538A02 (Includes DPT160, PG100, GA125)
<b>IntelliStart Kit</b>	
Soft start retrofit kit, reduces locked rotor amps, reduces light flicker, compressor voltage protection	
IS60RK5	Up to 2.5 Ton Unit
IS60RKL	3 Ton and Larger

# Ductless Single Zone System Single Phase – ¾ - 3 Tons



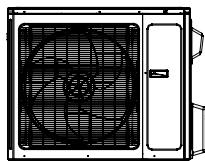
4TXK38



4MXW38

**Table DU-1-A — 38 Series R-410A Single Zone System HP — Single Phase, ¾ to 2 Ton<sup>Ⓢ</sup>**

Outdoor Model Number Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in)	
			W	D	H				Gas	Liq.	
4TXK3809A10NUA 4MXW3809A10NUA	208-230/1/60	9,000	35.4	14.9	23.5	105.8	53	9	15	1/2	1/4
4TXK3812A10NUA 4MXW3812A10NUA	208-230/1/60	12,000	35.4	14.9	23.5	105.8	53	9	15	1/2	1/4
4TXK3818A10NUA 4MXW3818A10NUA	208-230/1/60	18,000	39.4	16.8	31.1	152.1	59	22	30	5/8	1/4
4TXK3824A10NUA 4MXW3824A10NUA	208-230/1/60	22,000	39.4	16.8	31.1	152.1	59	22	35	5/8	1/4



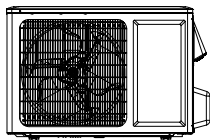
4TXK27



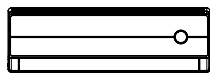
4MXW27

**Table DU-1-B — 27 Series R-410A Single Zone System HP — Single Phase, ¾ to 2 Ton<sup>Ⓢ</sup>**

Outdoor Model Number Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in)	
			W	D	H				Gas	Liq.	
4TXK2709A10N0A 4MXW2709A10N0A	208-230/1/60	9,000	35.4	14.9	23.5	91.5	49	10	15	1/2	1/4
4TXK2712A10N0A 4MXW2712A10N0A	208-230/1/60	12,000	35.4	14.9	23.5	91.5	49	10	15	1/2	1/4
4TXK2718A10N0A 4MXW2718A10N0A	208-230/1/60	18,000	37.6	15.6	27.6	119.0	56	15	20	5/8	1/4
4TXK2724A10N0A 4MXW2724A10N0A	208-230/1/60	24,000	38.6	16.8	31.1	165.3	59	20	30	5/8	1/4



4TXK85



4MXW85

**Table DU-1-C — 85 Series R-410A Single Zone System HP — Single Phase, ¾ to 3 Ton<sup>Ⓢ</sup>**

Outdoor Model Number Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in)	
			W	D	H				Gas	Liq.	
4TXK8509A10N0C 4MXW8509A10N0C	208-230/1/60	9,000	33.4	12.6	21.3	90.3	50	10	15	3/8	1/4
4TXK8512A10N0C 4MXW8512A10N0C	208-230/1/60	12,000	33.3	7.1	10.8	28.6	32-42			3/8	1/4
4TXK8518A10N0C 4MXW8518A10N0C	208-230/1/60	18,000	37.6	15.6	27.6	110.1	55	16	20	1/2	1/4
4TXK8524A10N0C 4MXW8524A10N0C	208-230/1/60	21,400	37	7.9	11.7	37.4	35-49			1/2	1/4
4TXK8536A10N0C 4MXW8536A10N0C	208-230/1/60	33,600	38.6	16.8	31.1	170	65	23	35	5/8	1/4

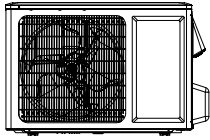
<sup>Ⓢ</sup> Refer to the AHRI Directory for certified combinations and product performance.

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

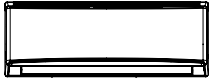
\*\* Sound Pressure Level @3.3 ft. dB (A)



# Ductless Single Zone System Single Phase – ¾ - 2 Tons



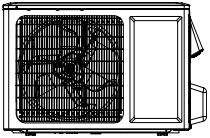
4TXK23



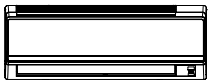
4MXW23

**Table DU-2-A — 23 Series R-410A Single Zone System HP — Single Phase, ¾ to 3 Ton<sup>①②</sup>**

Outdoor Model Number Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4TXK2309A10N0A 4MXW2309A10N0A	208-230/1/60	9,000									
4TXK2312A10N0A 4MXW2312A10N0A	208-230/1/60	12,000									
4TXK2318A10N0A 4MXW2318A10N0A	208-230/1/60	18,000									
4TXK2324A10N0A 4MXW2324A10N0A	208-230/1/60	24,000									
4TXK2330A10N0A 4MXW2330A10N0A	208-230/1/60	30,000									
4TXK2336A10N0A 4MXW2336A10N0A	208-230/1/60	36,000									



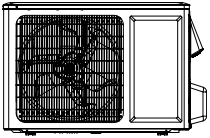
4TXK16



4MXW16

**Table DU-2-B — 16 Series R-410A Single Zone System HP — Single Phase, ¾ to 2 Ton<sup>①②</sup>**

Outdoor Model Number Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4TXK1609A10N0A 4MXW1609A10N0A	208-230/1/60	9,000	30.6	12.6	21.3	70.6	52	9	15	3/8	1/4
4TXK1612A10N0A 4MXW1612A10N0A	208-230/1/60	12,000	30.6	12.6	21.3	75	53	9	15	3/8	1/4
4TXK1618A10N0A 4MXW1618A10N0A	208-230/1/60	18,000	37.6	15.6	27.6	105.8	56	16	25	1/2	1/4
4TXK1624A10N0A 4MXW1624A10N0A	208-230/1/60	22,000	37.6	15.6	27.6	120.2	59	16	25	5/8	1/4



4TYK16



4MYW16

**Table DU-2-C — 16 Series R-410A Single Zone System AC — Single Phase, ¾ to 2 Ton<sup>①②</sup>**

Outdoor Model Number Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4TYK1609A10N0A 4MYW1609A10N0A	208-230/1/60	9,000	30.6	12.6	21.3	71.7	52	9	15	3/8	1/4
4TYK1612A10N0A 4MYW1612A10N0A	208-230/1/60	12,000	30.6	12.6	21.3	76.1	53	9	15	3/8	1/4
4TYK1618A10N0A 4MYW1618A10N0A	208-230/1/60	18,000	37.6	15.6	27.6	100.3	56	16	25	1/2	1/4
4TYK1624A10N0A 4MYW1624A10N0A	208-230/1/60	22,000	37.6	15.6	27.6	113.6	59	15	25	5/8	1/4

① Refer to the AHRI Directory for certified combinations and product performance.  
 ② Do not install a 4T\*K65 outdoor unit with a 4M\*W16 indoor unit or a 4T\*K16 outdoor unit with a 4M\*W65 indoor unit.  
 ③ Values not available at time of printing. Online handbook section will be updated at time of product launch.  
 \* Information subject to change. Please confirm with current Product Data for current factory production.n.  
 \*\* Sound Pressure Level @3.3 ft. dB (A)

Ductless

# Ductless Single-Zone Units

**Table DU-3-A — Features**

	4TXK38 Single Zone HP up to 38 SEER	4TXK27 Single Zone HP up to 27 SEER	4TXK85 Single Zone HP 18 SEER	4TXK16 Single Zone HP 16 SEER	4TYK16 Single Zone AC 16 SEER
• R410-A refrigerant.....	✓	✓	✓	✓	✓
• Nominal capacity 9-24 MBH.....	✓	✓	—	✓	✓
• Nominal capacity 9-36 MBH.....	—	—	✓	—	—
• Cooling efficiency 16 SEER.....	—	—	✓	✓	✓
• Cooling efficiency range 16-22 SEER.....	—	—	—	—	—
• Cooling efficiency range up to 27 SEER.....	—	—	—	—	—
• Cooling efficiency range up to 38 SEER.....	✓	—	—	—	—
• Heating efficiency range 8.2-15 HSPF.....	✓	✓	✓	✓	—
• Heat Pump.....	✓	✓	✓	✓	—
• Crankcase heater.....	9K,12K	9K,12K(optional) 9K,12K(optional)	9K,12K,36K 18K,24K,36K	—	—
• Pan heater.....	✓	—	—	✓	—
• Cooling only.....	—	—	—	—	✓
• Low sound level.....	✓	✓	✓	✓	✓
• Blue fin anti-corrosion treatment.....	✓	✓	✓	✓	✓
• Energy Star qualified.....	✓	✓	✓	✓	✓
• ETL and AHRI listed.....	✓	✓	✓	✓	✓
• Sleep mode function.....	✓	✓	✓	✓	✓
• Memory reset function.....	✓	✓	✓	✓	✓
• Low ambient cooling to 0°F.....	✓	✓	✓	✓	✓
• Low ambient heating to -4°F.....	✓	✓	✓	✓	—
• Low ambient heating to -22°F.....	✓	✓	✓	✓	—
• Improved air quality with active carbon and catechin filters.....	✓	✓	✓	✓	✓
• <b>Registered limited warranty 10-year on all functional parts</b> ①..	✓	✓	✓	✓	✓
• <b>Optional extended warranties available through third parties</b> ..	✓	✓	✓	✓	✓

① Registered Limited Warranty terms are available when these products are registered within 60 days of installation. Registration can be done online at americanstandardair.com or by phone at 800-554-8005; otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.

**Table DU-3-B — Optional Outdoor Unit Accessories**

Model Number	Description	4TXK38 Single Zone HP up to 38 SEER	4TXK27 Single Zone HP up to 27 SEER	4TXK85 Single Zone HP 18 SEER	4TXK16 Single Zone HP 16 SEER	4TYK16 Single Zone AC 16 SEER
TAYREFLN050	Lineset Kit 1/4 x 3/8 - 25'	—	—	✓	✓	✓
TAYREFLN055	Lineset Kit 1/4 x 3/8 - 35'	—	—	✓	✓	✓
TAYREFLN060	Lineset Kit 1/4 x 3/8 - 50'	—	—	✓	✓	✓
TAYREFLN560	Lineset Kit 1/4 x 1/2 - 25'	✓	✓	✓	✓	✓
TAYREFLN565	Lineset Kit 1/4 x 1/2 - 35'	✓	✓	✓	✓	✓
TAYREFLN570	Lineset Kit 1/4 x 1/2 - 50'	✓	✓	✓	✓	✓
TAYREFLN155	Lineset Kit 1/4 x 5/8 - 25'	✓	—	—	—	—
TAYREFLN160	Lineset Kit 1/4 x 5/8 - 35'	✓	—	—	—	—
TAYREFLN165	Lineset Kit 1/4 x 5/8 - 50'	✓	—	—	—	—

**Table DU-3-C — Optional Indoor Unit Accessories**

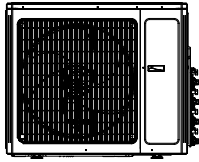
Model Number	Description	4MXW38 Single Zone Indoor 38 SEER	4MXW85 & 27 Single Zone Indoor 18 & 27 SEER	4MXW16 Single Zone Indoor 16 SEER	4MYW16 Single Zone Indoor 16 SEER
BAYFTHW01P2A	Active Carbon & Catechin filters (9 & 12 MBH) 16 SEER units.	—	—	✓	✓
BAYFTHW02P2A	Active Carbon & Catechin filters (18 & 24 MBH) 16 SEER units and 9, 12, 18 & 24 MBH 18, 27 & 38 SEER units.....	✓	—	✓	✓
BAYFTHW03P2A	Active Carbon & Catechin filters for 36 MBH 18 & 27 SEER units	—	PHASING OUT	✓	✓
AREMOTE2AHANDAA	Wireless controller.....	✓	✓	✓	✓
TREWIRE1AHANDAA	Wired Controller (not compatible with 4MXW85 14th digit B models)	✓	✓	✓	✓
AREPROG1AHANDAA	Programmable wired controller.....	✓	✓	✓	✓

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

BUILT TO A HIGHER STANDARD™

**American Standard**  
HEATING & AIR CONDITIONING

# Ductless Multi-Zone System Single Phase – 1½ - 3½ Tons



4TXM22

**Table DU-4-A — R-410A 22 Series Multi-Zone System HP — Single Phase, 1½ to 3½ Ton<sup>①②③</sup>**

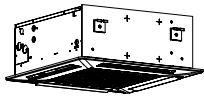
Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Fitting Size (in)		
			W	D	H					OD Gas	OD Liq.	No of Circuits
4TXM2218A12N0A	208-230/1/60	18,000	37.6	15.6	27.6	124.6	55	16	25	3/8	1/4	2
4TXM2221A13N0A	208-230/1/60	21,000	38.6	16.8	31.1	164.3	59	23	30	3/8	1/4	3
4TXM2224A14N0A	208-230/1/60	24,000	38.6	17.3	31.1	167.6	59	20	30	3/8	1/4	4
4TXM2230A15N0A	208-230/1/60	30,000	42.8	17.3	43.4	216.1	61	23	35	3/8	1/4	5
4TXM2236A15N0A	208-230/1/60	34,000	42.8	17.3	43.4	216.1	61	26	35	3/8	1/4	5
4TXM2242A15N0A	208-230/1/60	42,000	42.8	17.3	43.4	216.1	61	26	35	3/8	1/4	5



4MXW27

**Table DU-4-B — R-410A Multi-Zone High Wall System HP — Single Phase<sup>①</sup>**

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4MXW2709A10N0A	208-230/1/60	9,000	34.1	8.2	11.5	30.9	23-42			1/2	1/4
4MXW2712A10N0A	208-230/1/60	12,000	34.1	8.2	11.5	30.9	24-44			1/2	1/4
4MXW2718A10N0A	208-230/1/60	18,000	40.0	9.1	12.6	38.6	33-51			5/8	1/4
4MXW2724A10N0A	208-230/1/60	24,000	46.4	10.4	12.8	47.4	38-52			5/8	1/4



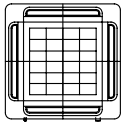
4MXC85

**Table DU-4-C — R-410A Multi-Zone System Cassette HP — Single Phase<sup>①</sup>**

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4MXC8512A10N0A	208-230/1/60	12,000	22.4	22.4	9.1	50.7	37-46			3/8	1/4
4MXC8518A10N0A	208-230/1/60	14,400	22.4	22.4	9.1	50.7	37-46			1/2	1/4
4MXC8524A10N0A	208-230/1/60	22,800	33.1	33.1	9.5	83.8	35-39			5/8	3/8

**Cassette Cover Panels** (must be ordered separately)

Model Number	Description	Matches Cassette HP Model(s)
4MXL8518A10N0A	Cover Panel 25.59 x 25.59 x 1.97	4MXC8512 & 4MXC8518
4MXL8524A10N0A	Cover Panel 37.40 x 37.40 x 2.36	4MXC8524



4MXL85

**Table DU-4-D — R-410A Multi-Zone System Console HP — Single Phase<sup>①</sup>**

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4MXF8509A10N0A	208-230/1/60	9,000	27.6	23.6	8.5	39.7	25-36			3/8	1/4
4MXF8512A10N0A	208-230/1/60	12,000	27.6	23.6	8.5	39.7	27-38			3/8	1/4
4MXF8518A10N0A	208-230/1/60	18,000	27.6	23.6	8.5	39.7	33-44			1/2	1/4

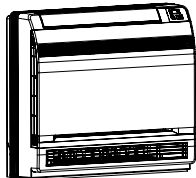
① Refer to the AHRI Directory for certified combinations and product performance.

② Because of limited capabilities, please refer to the product ratings for approved combinations.

③ Capacity varies depending on the indoor unit matches.

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

\*\* Sound Pressure Level @3.3 ft. dB (A)



4MXF85

Ductless

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

BUILT TO A HIGHER STANDARD™

**American Standard**  
HEATING & AIR CONDITIONING

# Ductless Multi-Zone System Single Phase – 1½ - 3½ Tons



4MXD85



4MXX85

**Table DU-5-A — R-410A Multi-Zone System Ceiling Concealed HP — Single Phase**①

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in)	
			W	D	H					Gas OD	Liq. OD
4MXD8509A10N0A	208-230/1/60	8,500	27.6	24.2	7.9	59.5	19-27			3/8	1/4
4MXD8512A10N0A	208-230/1/60	11,900	27.6	24.2	7.9	63.9	30-39			3/8	1/4
4MXD8518A10N0A	208-230/1/60	15,300	35.4	24.2	7.9	79.4	30-41			1/2	1/4
4MXD8521A10N0A	208-230/1/60	20,400	43.3	24.2	7.9	90.4	32-42			5/8	3/8
4MXD8524A10N0A	208-230/1/60	23,800	43.3	24.2	7.9	90.4	32-42			5/8	3/8

**Table DU-5-B — R-410A Multi-Zone System Floor/Ceiling HP — Single Phase**①

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in)	
			W	D	H					Gas OD	Liq. OD
4MXX8509A10N0A	208-230/1/60	8,500	48.0	27.6	8.9	110.2	33-40			3/8	1/4
4MXX8512A10N0A	208-230/1/60	11,900	48.0	27.6	8.9	110.2	33-40			3/8	1/4
4MXX8518A10N0A	208-230/1/60	17,000	48.0	27.6	8.9	110.2	38-45			1/2	1/4
4MXX8524A10N0A	208-230/1/60	22,800	48.0	27.6	8.9	119	29-48			5/8	3/8

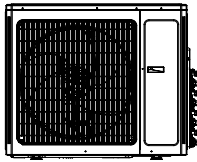
① See AHRI for allowable combinations and ratings.

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

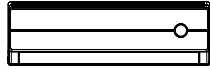
\*\* Sound Pressure Level @3.3 ft. dB (A)

Read Only

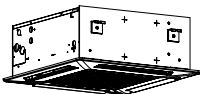
# Ductless Multi-Zone System Single Phase – 1½ - 3½ Tons



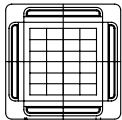
4TXM65



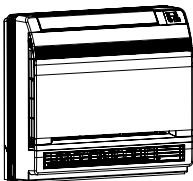
4MXW85



4MXC85



4MXL85



4MXF85



4MXD85



4MXX85

**Table DU-6-A — R-410A 65 Series Multi-Zone System HP — Single Phase, 1½ to 3½ Tons<sup>①②③</sup>**

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Fitting Size (in)		No of Circuits
			W	D	H					OD Gas	OD Liq.	
4TXM6518A1020C	208-230/1/60	18,000	35.4	14.9	23.5	105.6	56	15	20	3/8	1/4	2
4TXM6524A1030C	208-230/1/60	24,000	37.2	15.6	27.6	145.2	59	20	30	3/8	1/4	3
4TXM6530A1040C	208-230/1/60	30,000	37.2	15.6	27.6	147.4	59	26	45	3/8	1/4	4
4TXM6536A1040C	208-230/1/60	34,000	36.2	16.8	31.1	164.9	59	28	45	3/8	1/4	4
4TXM6542A1050C	208-230/1/60	42,000	40.0	17.3	43.4	246.4	58	26	40	3/8	1/4	5

**Table DU-6-B — R-410A Multi-Zone High Wall System HP — Single Phase<sup>②</sup>**

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4MXW8509A10N0C	208-230/1/60	9,000	33.3	7.1	10.8	28.6	32-42			3/8	1/4
4MXW8512A10N0C	208-230/1/60	12,000	33.3	7.1	10.8	28.6	33-44			3/8	1/4
4MXW8518A10N0C	208-230/1/60	18,000	37	7.9	11.7	37.4	35-49			1/2	1/4
4MXW8524A10N0C	208-230/1/60	24,000	39.6	8.6	12.4	46.2	37-53			5/8	1/4

**Table DU-6-C — R-410A Multi-Zone System Cassette HP — Single Phase<sup>②</sup>**

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4MXC8512A10N0A	208-230/1/60	12,000	22.4	22.4	9.1	50.7	37-46			3/8	1/4
4MXC8518A10N0A	208-230/1/60	14,400	22.4	22.4	9.1	50.7	37-46			1/2	1/4
4MXC8524A10N0A	208-230/1/60	22,800	33.1	33.1	9.5	83.8	35-39			5/8	3/8

**Cassette Cover Panels** (must be ordered separately)

Model Number	Description	Matches Cassette HP Model(s)
4MXL8518A10N0A	..... Cover Panel 25.59 x 25.59 x 1.97 .....	4MXC8512 & 4MXC8518
4MXL8524A10N0A	..... Cover Panel 37.40 x 37.40 x 2.36 .....	4MXC8524

**Table DU-6-D — R-410A Multi-Zone System Console HP — Single Phase<sup>②</sup>**

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4MXF8509A10N0A	208-230/1/60	9,000	27.6	23.6	8.5	39.7	25-36			3/8	1/4
4MXF8512A10N0A	208-230/1/60	12,000	27.6	23.6	8.5	39.7	27-38			3/8	1/4
4MXF8518A10N0A	208-230/1/60	18,000	27.6	23.6	8.5	39.7	33-44			1/2	1/4

**Table DU-6-E — R-410A Multi-Zone System Ceiling Concealed HP — Single Phase<sup>②</sup>**

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4MXD8509A10N0A	208-230/1/60	8,500	27.6	24.2	7.9	59.5	19-27			3/8	1/4
4MXD8512A10N0A	208-230/1/60	11,900	27.6	24.2	7.9	63.9	30-39			3/8	1/4
4MXD8518A10N0A	208-230/1/60	15,300	35.4	24.2	7.9	79.4	30-41			1/2	1/4
4MXD8521A10N0A	208-230/1/60	20,400	43.3	24.2	7.9	90.4	32-42			5/8	3/8
4MXD8524A10N0A	208-230/1/60	23,800	43.3	24.2	7.9	90.4	32-42			5/8	3/8

**Table DU-6-F — R-410A Multi-Zone System Floor/Ceiling HP — Single Phase<sup>②</sup>**

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4MXX8509A10N0A	208-230/1/60	8,500	48.0	27.6	8.9	110.2	33-40			3/8	1/4
4MXX8512A10N0A	208-230/1/60	11,900	48.0	27.6	8.9	110.2	33-40			3/8	1/4
4MXX8518A10N0A	208-230/1/60	17,000	48.0	27.6	8.9	110.2	38-45			1/2	1/4
4MXX8524A10N0A	208-230/1/60	22,800	48.0	27.6	8.9	119	29-48			5/8	3/8

① Units are matched with 4MXW85 indoor units.

② Refer to the AHRI Directory for certified combinations and product performance.

③ Because of limited capabilities, please refer to the product ratings for approved combinations.

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

\*\* Sound Pressure Level @3.3 ft. dB (A)

Ductless

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

# Ductless Multi-Zone Outdoor Unit

**Table DU-7-A — Features**

	4TXM22 Multi-split 22 SEER	4TXM65 Multi-split 16 SEER
• R410-A refrigerant.....	✓	✓
• Flexibility to accommodate to different applications.....	✓	✓
• Connect up to 5 indoor units to a single condensing unit.....	✓	✓
• Nominal capacity 18-42 MBH.....	✓	✓
• Cooling efficiency up to 22 SEER.....	✓	✓
• Cooling efficiency of 16 SEER.....	—	✓
• Heating efficiency of 9-10.5 HSPF.....	✓	✓
• Heating efficiency of 8.2 HSPF.....	—	✓
• Heat Pump.....	✓	✓
• Crankcase heater.....	✓	✓
• Pan heater.....	✓	✓
• Low sound level.....	✓	✓
• Blue fin anti-corrosion treatment.....	✓	✓
• ETL and AHRI listed.....	✓	✓
• Sleep mode function.....	✓	✓
• Memory reset function.....	✓	✓
• Low ambient cooling to 0°F.....	✓	✓
• Low ambient heating to -4°F.....	✓	✓
• Low ambient heating to 5°F.....	—	✓
• Improved air quality with active carbon and catechin filters.....	✓	✓
• <b>Registered limited warranty 10-year on all functional parts</b> ①.....	✓	✓
• <b>Optional extended warranties available through third parties</b> .....	✓	✓

① Registered Limited Warranty terms are available when these products are registered within 60 days of installation. Registration can be done online at americanstandardair.com or by phone at 800-554-8005; otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.

**Table DU-7-B — Optional Outdoor Unit Accessories**

Model Number	Description	4TXM22 Multi-split 22 SEER	4TXM65 Multi-split 16 SEER
TAYREFLN050	Lineset Kit 1/4 x 3/8 - 25'	✓	✓
TAYREFLN055	Lineset Kit 1/4 x 3/8 - 35'	✓	✓
TAYREFLN060	Lineset Kit 1/4 x 3/8 - 50'	✓	✓
TAYREFLN560	Lineset Kit 1/4 x 1/2 - 25'	—	✓
TAYREFLN565	Lineset Kit 1/4 x 1/2 - 35'	—	✓
TAYREFLN570	Lineset Kit 1/4 x 1/2 - 50'	—	✓
TAYREFLN155	Lineset Kit 1/4 x 5/8 - 25'	—	✓
TAYREFLN160	Lineset Kit 1/4 x 5/8 - 35'	—	✓
TAYREFLN165	Lineset Kit 1/4 x 5/8 - 50'	—	✓

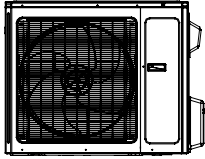
**Table DU-7-C — Optional Indoor Unit Accessories**

Model Number	Description	4MXW85② Multi Zone Indoor up to 22 SEER	4MXW27③ Multi Zone Indoor up to 22 SEER	4MXC85 Multi Zone Indoor up to 22 SEER	4MXD85 Multi Zone Indoor up to 22 SEER	4MXF85 Multi Zone Indoor up to 22 SEER	4MXX85 Multi Zone Indoor up to 22 SEER
AREMOTE2AHANDAA	Wireless controller.....	✓	✓	✓	—	✓	✓
TREWIRE1AHANDAA	Wired Controller.....	PHASING CUT	PHASING CUT	✓	✓	—	✓
AREPROG1AHANDAA	Programmable wired controller	✓	✓	—	—	—	—

② Match with 4TXM65 Multi-split 16 SEER Heat Pump

③ Match with 4TXM22 Multi-split 22 SEER Heat Pump

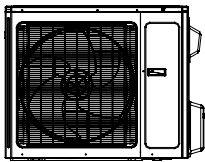
# American Standard AccuFlex™ C-Series Single Zone U-Match System



4TUK45

**Table DU-8-A — C-Series R-410A Single Zone System HP — Single Phase, 1 to 4 Ton<sup>①②</sup>**

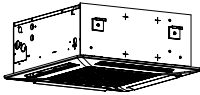
Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4TUK4512A10N0A	208-230/1/60	12,000	33.1	13.5	21.6	79.8	48/48	10.7	15	3/8	1/4
4TUK4518A10N0A	208-230/1/60	18,000	34.6	14.3	25.1	68.8	48/48	10.0	15	1/2	1/4
4TUK4524A10N0A	208-230/1/60	24,000	37.1	15.1	39.7	142.0	50/50	14.0	20	5/8	1/4
4TUK4530A10N0A	208-230/1/60	30,000	37.1	15.1	39.7	154.0	50/52	24.0	30	5/8	3/8
4TUK4536A10N0A	208-230/1/60	36,000	37.1	15.1	48.0	194.0	49/51	26.5	40	5/8	3/8
4TUK4542A10N0A	208-230/1/60	42,000	37.1	15.1	48.0	194.0	51/53	26.5	40	5/8	3/8
4TUK4548A10N0A	208-230/1/60	48,000	37.1	15.1	48.0	194.0	53/55	26.5	40	5/8	3/8



4TUKL5

**Table DU-8-B — C-Series R-410A Single Zone ProCool Low Ambient Cooling Outdoor Unit - Single Phase, 1 1/2 to 3 Ton<sup>①②</sup>**

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4TUKL518A10N0A	208-230/1/60	18,000	34.6	12.2	25.1	94.4	48	13	15	1/2	1/4
4TUKL524A10N0A	208-230/1/60	24,000	34.1	12.2	31.4	114.6	50	16	20	5/8	1/4
4TUKL530A10N0A	208-230/1/60	30,000	37.0	39.2	13.0	142.2	52	24	30	5/8	3/8
4TUKL536A10N0A	208-230/1/60	36,000	37.0	39.2	13.0	154.2	54	24	30	5/8	3/8



4MUC45

**Table DU-8-C — C-Series R-410A Single Zone System Square Cassette HP - Single Phase, 1 1/2 to 4 Ton<sup>①②</sup>**

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4MUC4518A10N0A	208-230/1/60	18,000	33.0	33.0	8.0	34.2	30-36	0.33	15	1/2	1/4
4MUC4524A10N0A	208-230/1/60	24,000	33.0	33.0	8.0	34.2	30-36	0.33	15	5/8	1/4
4MUC4530A10N0A	208-230/1/60	30,000	33.0	33.0	11.3	41.9	32-38	0.35	15	5/8	3/8
4MUC4536A10N0A	208-230/1/60	36,000	33.0	33.0	11.3	41.9	33-43	0.35	15	5/8	3/8
4MUC4542A10N0A	208-230/1/60	42,000	33.0	33.0	11.3	41.9	34-44	0.35	15	5/8	3/8
4MUC4548A10N0A	208-230/1/60	48,000	33.0	33.0	11.3	41.9	35-45	0.35	15	5/8	3/8

**Cassette Cover Panel** (must be ordered separately)

Model Number	Color	Description - Dimensions	Matches Cassette HP Model(s)	Weight (lbs)
TVEPANPC4NUSET	White	Square Cover Panel 37.4 x 37.4 x 1.9	4MUC4518A - 4MUC4548A	13.0

**Table DU-8-D — C-Series R-410A Single Zone System Circular Cassette HP - Single Phase, 1 1/2 to 4 Ton<sup>①②</sup>**

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	FLA*	MOP*	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4MUS4518A10N0A	208-230/1/60	18,000	37.2	37.2	11.0	46.3	29-35	0.33	15	1/2	1/4
4MUS4524A10N0A	208-230/1/60	24,000	37.2	37.2	11.0	46.3	29-35	0.33	15	5/8	1/4
4MUS4530A10N0A	208-230/1/60	30,000	37.2	37.2	14.4	52.9	31-38	0.35	15	5/8	3/8
4MUS4536A10N0A	208-230/1/60	36,000	37.2	37.2	14.4	52.9	46-54	0.35	15	5/8	3/8
4MUS4542A10N0A	208-230/1/60	42,000	37.2	37.2	14.4	52.9	47-55	0.35	15	5/8	3/8
4MUS4548A10N0A	208-230/1/60	48,000	37.2	37.2	14.4	52.9	46-56	0.35	15	5/8	3/8

**Cassette Cover Panel** (must be ordered separately)

Model Number	Color	Description - Dimensions	Matches Cassette HP Model(s)	Weight (lbs)
PNLRNDCASS001S	White	Square Cover Panel 37.4 x 37.4 x 1.9	4MUC4518A - 4MUC4548A	7.9
PNLRNDCASS001R	White	Round Cover Panel 41.3 (diameter)	4MUS4518A - 4MUS4548A	5.9
PNLRNDCASS00B1S	Black	Square Cover Panel 37.4 x 37.4 x 1.9	4MUC4518A - 4MUC4548A	7.9
PNLRNDCASS00B1R	Black	Round Cover Panel 41.3 (diameter)	4MUS4518A - 4MUS4548A	5.9

① Refer to the AHRI Directory for certified combinations and product performance.

② Outdoor units are equipped with high voltage terminals to power the indoor units

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

\*\* Sound Pressure Level @ 3.3 ft. dB (A)

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.



# American Standard AccuFlex™ C-Series Single Zone U-Match System

**Table DU-9-A — C-Series R-410A Single Zone System Ducted HP — Single Phase, 1½ to 4 Ton<sup>①②</sup>**

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	FLA*	MOP*	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4MUD4518A10N0A	208-230/1/60	18,000	45.2	18.9	12.6	95.0	26-34	0.85	15	1/2	1/4
4MUD4524A10N0A	208-230/1/60	24,000	45.2	18.9	12.6	95.0	28-36	0.85	15	5/8	1/4
4MUD4530A10N0A	208-230/1/60	30,000	47.2	25.6	14.1	137.0	29-37	1.9	15	5/8	3/8
4MUD4536A10N0A	208-230/1/60	36,000	47.2	25.6	14.1	137.7	30-38	1.9	15	5/8	3/8
4MUD4542A10N0A	208-230/1/60	42,000	47.2	25.6	14.1	136.7	34-40	1.9	15	5/8	3/8
4MUD4848A10N0A	208-230/1/60	48,000	47.2	25.6	14.1	136.7	37-43	1.9	15	5/8	3/8



4MUD45-A

**Table DU-9-B — C-Series R-410A Single Zone System Ducted HP — Single Phase, 1½ to 4 Ton<sup>①②</sup>**

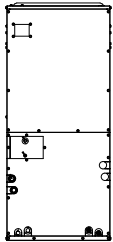
Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	FLA*	MOP*	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4MUD4518B10N0A	208-230/1/60	18,000	33.5	27.6	9.8	99.0	26-34	1.1	15	1/2	1/4
4MUD4524B10N0A	208-230/1/60	24,000	47.2	27.6	9.8	89.3	28-36	1.5	15	5/8	1/4
4MUD4530B10N0A	208-230/1/60	30,000	47.2	27.6	9.8	89.3	29-37	1.5	15	5/8	3/8
4MUD4536B10N0A	208-230/1/60	36,000	51.2	27.6	11.8	99.6	30-38	2.0	15	5/8	3/8
4MUD4542B10N0A	208-230/1/60	42,000	51.2	27.6	11.8	99.6	34-40	2.0	15	5/8	3/8
4MUD4548B10N0A	208-230/1/60	48,000	51.2	27.6	11.8	99.6	37-43	2.0	15	5/8	3/8



4MUD45-B

**Table DU-9-C — C-Series R-410A Single Zone System Vertical Ducted HP - Single Phase, 1½ to 4 Ton<sup>①②③</sup>**

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	FLA <sup>④</sup>	MOP <sup>④</sup>	Line Size (in)	
			W	D	H					Gas	Liq.
4MUM4518B10N0A	208-230/1/60	18,000	17.5	21.0	43.0	98.1	32-38	0.72	15	1/2	1/4
4MUM4524B10N0A	208-230/1/60	24,000	17.5	21.0	43.0	98.1	35-41	0.72	15	5/8	1/4
4MUM4530B10N0A	208-230/1/60	30,000	21.0	21.0	48.0	123.5	35-41	1.66	15	5/8	3/8
4MUM4536B10N0A	208-230/1/60	36,000	21.0	21.0	48.0	123.5	36-42	1.66	15	5/8	3/8
4MUM4542B10N0A	208-230/1/60	42,000	24.5	21.8	58.8	163.1	36-42	1.66	15	5/8	3/8
4MUM4548B10N0A	208-230/1/60	48,000	24.5	21.8	58.8	163.1	38-43	2.09	15	5/8	3/8



4MUM45-B

**Table DU-9-D — C-Series R-410A Single Zone System High Wall HP - Single Phase, 1½ to 3 Ton<sup>①②</sup>**

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	FLA*	MOP*	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4MUW4512A10N0A	208-230/1/60	12,000	29.5	9.8	9.8	16.8	23-38	0.40	15	3/8	1/4
4MUW4518A10N0A	208-230/1/60	18,000	35.2	10.4	10.1	23.8	29-42	0.70	15	1/2	1/4
4MUW4524A10N0A	208-230/1/60	24,000	41.9	11.6	11.9	32.2	32-43	0.70	15	5/8	1/4
4MUW4530A10N0A	208-230/1/60	30,000	50.4	9.9	13.9	40.6	37-49	0.90	15	5/8	3/8
4MUW4536A10N0A	208-230/1/60	36,000	50.4	9.9	13.9	40.6	38-51	0.90	15	5/8	3/8



4MUW45

① Refer to the AHRI Directory for certified combinations and product performance.

② Outdoor units are equipped with high voltage terminals to power the indoor units

③ 4MUM Vertical Ducted unit, when used with an electric strip heater, must be powered from an electrical branch circuit independent of the branch circuit feeding the outdoor unit.

④ Refer to the 4MUM45 unit nameplate for MCA and MOP values when applying electric heat strip kit.

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

\*\* Sound Pressure Level @3.3 ft. dB (A)

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# American Standard AccuFlex™ C-Series Single Zone U-Match System

**Table DU-10-A — C-Series R-410A Single Zone System Accessories**

Accessory Model	Description	Used With	Qty	
FLTR4TVC4MUC01	Large 4-Way Cassette Filter	All 4MUC45	12 Each	Use when low ambient cooling is required below 23°F outdoor temperature
FLTR4TVDC4MUC1	Washable Filter	4MUD4518A	12 Each	
		4MUD4524A	12 Each	
FLTR4TVDC4MUC2	Washable Filter	4MUD4530A	12 Each	
		4MUD4536A	12 Each	
		4MUD4542A	12 Each	
		4MUD4548A	12 Each	
TVCTRLTIMB14A0	External Contact Interface	4MUC45	1 Each	
		4MUD45	1 Each	
		4MUS45	1 Each	
TVCTRLTRWTA000	External Temperature Sensor	all 4MU* Indoor Units	1 Each	
CSERWINDBFL12A	Wind Baffle	4TUK4512A10N0A	1 Each	
CSERWINDBFL18A	Wind Baffle	4TUK4518A10N0A	1 Each	
CSERWINDB4018A	Wind Baffle	4TUKL518A10N0A	1 Each	
CSERWINDBFL24A	Wind Baffle	4TUK4524A10N0A	1 Each	
		4TUK4530A10N0A	1 Each	
		4TUKL524A10N0A	1 Each	
		4TUKL530A10N0A	1 Each	
CSERWINDBFL36A	Wind Baffle	4TUK4536A10N0A	1 Each	
		4TUK4542A10N0A	1 Each	
		4TUK4548A10N0A	1 Each	

**Table DU-10-B — C-Series R-410A Single Zone System Refrigerant Line Sets**

Refrigerant Line Sets		
Model Number	Description	Shipping Dimensions
TAYREFLN050	Lineset 1/4" x 3/8" 25' length	33-3/4" x 3-1/4" x 33-3/8"
TAYREFLN055	Lineset 1/4" x 3/8" 35' length	33-13/16" x 5-1/4" x 31-7/8"
TAYREFLN060	Lineset 1/4" x 3/8" 50' length	33-13/16" x 5-1/4" x 31-7/8"
TAYREFLN560	Lineset 1/4" x 1/2" 25' length	48" x 48" x 5"
TAYREFLN565	Lineset 1/4" x 1/2" 35' length	33-3/4" x 2-7/8" x 33"
TAYREFLN570	Lineset 1/4" x 1/2" 50' length	33-13/16" x 5-1/4" x 31-7/8"
TAYREFLN155	Lineset 1/4" x 5/8" 25' length	33-13/16" x 6" x 32-1/2"
TAYREFLN160	Lineset 1/4" x 5/8" 35' length	48" x 48" x 5"
TAYREFLN165	Lineset 1/4" x 5/8" 50' length	33-3/4" x 3-1/4" x 33-3/8"
TAYREFLN170	Lineset 1/4" x 5/8" 100' length	33-13/16" x 5-1/4" x 31-7/8"
TAYREFLN065	Lineset 1/4" x 3/8" 100' length	33-13/16" x 6" x 32-1/2"
TAYREFLN575	Lineset 1/4" x 1/2" 100' length	48" x 48" x 5"
TAYREFLN955	Lineset 3/8" x 5/8" 25' length	33" x 33" x 3.75"
TAYREFLN960	Lineset 3/8" x 5/8" 35' length	33" x 33" x 5.63"
TAYREFLN965	Lineset 3/8" x 5/8" 50' length	33" x 33" x 6.43"
TAYREFLN970	Lineset 3/8" x 5/8" 100' length	48" x 48" x 5"

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# American Standard AccuFlex™ C-Series Single Zone U-Match System

**Table DU-11-A — C-Series R-410A Single Zone System Controls**

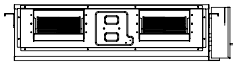
Information			Features						
Model	Control Type	Used With	Temp Adjustment	Mode	Swing / Air Blade Adjustment	Fan Speed	Temp Sensor	Temp Limits	Clock
TVCTRLTRDH00UA	Wireless (I/R) Remote	4MUC45	Yes	Yes	Yes	Yes	No	No	No
		4MUW45							
		TVCTRLTWR0002T							
TVCREMOTE0001A	Wireless (I/R) Remote	4MUS45	Yes	Yes	Yes	Yes	No	No	No
TVCTRLTWRWD02A	Wired Programmable Control	4MUC45	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		4MUD45							
		4MUM45							
		4MUS45							
		4MUW45							
TVCTRLTWR0002A	Wired Simple Touch Control	4MUC45	Yes	Yes	Yes	Yes	Yes	Yes	No
		4MUD45							
		4MUM45							
		4MUS45							
		4MUW45							
TVCTRLTCMA300A	High Level Touch Panel	4TUK45	Yes	Yes	Yes	Yes	No	Yes	Yes
TVCTRLSCBB17A0	BACNet Gateway	4TUK45	Yes	Yes	Yes	Yes	No	Yes	Yes
TVCTRLTIMC0300	Technicians Utility Tool	4TUK45 / 4MU*	Commissioning and Service Tool for AccuFlex™ C Series and AccuFlex™ VRF						

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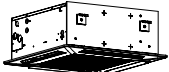
# American Standard AccuFlex™ VRF Indoor Units

**Table DU-12-A — R-410A VRF HSP (High Static Pressure) Duct<sup>①④</sup>**



**4TVA00**

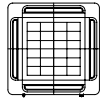
Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level <sup>②</sup>	FLA*	MOP*	Line Size (in)	
			W	D	H					Gas	Liq.
4TVA0076B100NB	208-230/1/60	76,000	48.8	40.9	18.5	218.3	41-45	4.75	15	3/4	3/8
4TVA0096B100NB	208-230/1/60	96,000	48.8	40.9	18.5	218.3	43-48	7.38	15	7/8	3/8



**4TVB00**

**Table DU-12-B — R-410A VRF Mini Four-Way Cassette<sup>①</sup>**

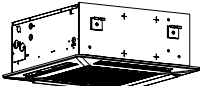
Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level <sup>②</sup>	FLA*	MOP*	Line Size (in)	
			W	D	H					Gas	Liq.
4TVB0005B100NC	208-230/1/60	5,000	22.8	22.8	9.8	30.9	26-34	0.22	15	1/2	1/4
4TVB0007B100NC	208-230/1/60	7,500	22.8	22.8	9.8	30.9	26-34	0.22	15	1/2	1/4
4TVB0009B100NC	208-230/1/60	9,500	22.8	22.8	9.8	30.9	26-34	0.22	15	1/2	1/4
4TVB0012B100NC	208-230/1/60	12,000	22.8	22.8	9.8	30.9	31-36	0.24	15	1/2	1/4
4TVB0018B100NC	208-230/1/60	18,000	22.8	22.8	9.8	30.9	34-40	0.34	15	1/2	1/4
4TVB0020B100NC	208-230/1/60	20,000	22.8	22.8	9.8	30.9	35-41	0.38	15	1/2	1/4



**TVEPANPC4**

**Cassette Cover Panels<sup>③</sup>**

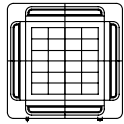
Model Number	Description	Matches Cassette HP Model(s)
PNL4WAYMINI23A.....	Cover Panel 23.3 x 23.3 x 1.97.....	4TVB0005B - 4TVB0020B



**4TVC00**

**Table DU-12-C — R-410A VRF Four-Way Cassette<sup>①</sup>**

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level <sup>②</sup>	FLA*	MOP*	Line Size (in)	
			W	D	H					Gas	Liq.
4TVC0009B100ND	208-230/1/60	9,000	33	33	8	40.8	31-34	0.32	15	1/2	1/4
4TVC0012B100ND	208-230/1/60	12,000	33	33	8	40.8	31-34	0.32	15	1/2	1/4
4TVC0018B100ND	208-230/1/60	18,000	33	33	8	40.8	31-34	0.32	15	1/2	1/4
4TVC0024B100ND	208-230/1/60	24,000	33	33	8	40.8	34-36	0.38	15	1/2	1/4
4TVC0030B100ND	208-230/1/60	30,000	33	33	11.3	50.7	30-39	0.63	15	5/8	3/8
4TVC0036B100ND	208-230/1/60	36,000	33	33	11.3	50.7	33-40	0.70	15	5/8	3/8
4TVC0048B100ND	208-230/1/60	48,000	33	33	11.3	50.7	39-44	0.94	15	5/8	3/8

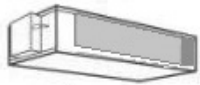


**TVEPANPC4**

**Cassette Cover Panels<sup>③</sup>**

Model Number	Description	Matches Cassette HP Model(s)
TVEPANPC4NUSET.....	Cover Panel 37.4 x 37.4 x 1.8	4TVC009B, 0018B, 0024B, 0030B, 00036B & 0048B

**Table DU-12-D — R-410A VRF MSP (Medium Static Pressure) Duct<sup>①</sup>**



**4TVD00-C**

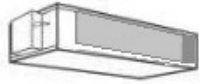
Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level <sup>②</sup>	FLA*	MOP*	Line Size (in)	
			W	D	H					Gas	Liq.
4TVD0007C100ND	208-230/1/60	7,500	45.3	18.9	12.6	103.6	26-36	1.10	15	1/2	1/4
4TVD0009C100ND	208-230/1/60	9,500	45.3	18.9	12.6	103.6	26-36	1.10	15	1/2	1/4
4TVD0012C100ND	208-230/1/60	12,000	45.3	18.9	12.6	103.6	30-39	1.10	15	1/2	1/4
4TVD0015C100ND	208-230/1/60	15,000	45.3	18.9	12.6	103.6	32-41	1.10	15	1/2	1/4
4TVD0018C100ND	208-230/1/60	18,000	45.3	18.9	12.6	103.6	35-42	1.10	15	1/2	1/4
4TVD0024C100ND	208-230/1/60	24,000	47.3	25.6	14.2	144.4	30-36	4.30	15	5/8	3/8
4TVD0027C100ND	208-230/1/60	27,000	47.3	25.6	14.2	144.4	30-38	4.30	15	5/8	3/8
4TVD0030C100ND	208-230/1/60	30,000	47.3	25.6	14.2	144.4	31-38	4.30	15	5/8	3/8
4TVD0036C100ND	208-230/1/60	36,000	47.3	25.6	14.2	148.8	35-41	4.30	15	5/8	3/8
4TVD0048C100ND	208-230/1/60	48,000	47.3	25.6	14.2	148.8	36-42	4.30	15	5/8	3/8
4TVD0054C100ND	208-230/1/60	54,000	47.3	25.6	14.2	148.8	40-45	⑤	15	5/8	3/8

① Nominal capacity based on 25 ft. of equivalent refrigerant piping with 0 ft. level difference  
 - Cooling: Indoor temperature 80°F DB, 67°F WB/Outdoor temperature 95°F DB, 75°F WB  
 - Heating: Indoor temperature 70°F DB, 60°F WB/Outdoor temperature 47°F DB, 43°F WB  
 ② Sound pressure was measured in a dead room. Actual noise level may be different depending on installation conditions.  
 ③ Cassette panel must be ordered separately.  
 ④ Optional internal condensate drain pump must be ordered separately if gravity drain is not possible  
 ⑤ Refer to unit nameplate for MCA value  
 \* Information subject to change. Please confirm with current Product Data for current factory production.  
 All VRF systems shall be selected using VRF Select software

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# American Standard AccuFlex™ VRF Indoor Units

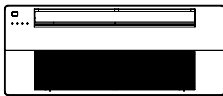
**Table DU-13-A — R-410A VRF Mid-Static Ducted Indoor Unit<sup>①</sup>**



**4TVD00-D**

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level <sup>②</sup>	MCA*	Max. Fuse (A)*	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4TVD0007D100NA	208-230/1/60	7,000	33.4	27.6	9.8	69.4	22-26	1.375	15	1/2	1/4
4TVD0009D100NA	208-230/1/60	9,000	33.4	27.6	9.8	69.4	22-26	1.375	15	1/2	1/4
4TVD0012D100NA	208-230/1/60	12,000	33.4	27.6	9.8	69.4	22-26	1.375	15	1/2	1/4
4TVD0015D100NA	208-230/1/60	15,000	33.4	27.6	9.8	69.4	22-26	1.375	15	1/2	1/4
4TVD0018D100NA	208-230/1/60	18,000	33.4	27.6	9.8	69.4	22-29	1.375	15	1/2	1/4
4TVD0024D100NA	208-230/1/60	24,000	47.2	27.6	9.8	89.3	30-39	1.875	15	5/8	3/8
4TVD0027D100NA	208-230/1/60	30,000	47.2	27.6	9.8	89.3	34-40	1.875	15	5/8	3/8
4TVD0030D100NA	208-230/1/60	36,000	47.2	27.6	9.8	89.3	35-40	1.875	15	5/8	3/8
4TVD0036D100NA	208-230/1/60	42,000	51.2	27.6	11.8	99.2	32-38	2.500	15	5/8	3/8
4TVD0048D100NA	208-230/1/60	48,000	51.2	27.6	11.8	99.2	35-41	2.500	15	5/8	3/8

**Table DU-13-B — R-410A VRF Slim One-Way Cassette<sup>①</sup>**



**4TVE00**

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level <sup>②</sup>	MCA*	Max. Fuse (A)*	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4TVE0007B100NC	208-230/1/60	7,500	38.2	16.2	5.3	29.8	23-27	0.29	15	1/2	1/4
4TVE0009B100NC	208-230/1/60	9,500	38.2	16.2	5.3	29.8	24-29	0.32	15	1/2	1/4
4TVE0012B100NC	208-230/1/60	12,000	38.2	16.2	5.3	29.8	27-35	0.35	15	1/2	1/4

**Cassette Cover Panels<sup>③</sup>**

Model Number	Description	Matches Cassette HP Model(s)
TVEPANPC1NUSET .....	Cover Panel 46.5 x 18.2 x 1.0 .....	4TVE007B, 009B & 012B

**Table DU-13-C — R-410A VRF Concealed / Recessed Floor Standing Indoor Unit<sup>①</sup>**



Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level <sup>②</sup>	MCA*	Max. Fuse (A)*	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4TVF0006B10RNA	208-230/1/60	6,000	37.1	8.6	23.6	50.7	20-23	0.2	15	1/2	1/4
4TVF0009B10RNA	208-230/1/60	9,000	37.1	8.6	23.6	50.7	21-26	0.22	15	1/2	1/4
4TVF0012B10RNA	208-230/1/60	12,000	37.1	8.6	23.6	50.7	27-37	0.24	15	1/2	1/4
4TVF0018B10RNA	208-230/1/60	18,000	48.1	8.6	23.6	62.8	32-40	0.53	15	1/2	1/4
4TVF0024B10RNA	208-230/1/60	24,000	48.1	8.6	23.6	62.8	32-40	0.53	15	5/8	3/8

**Table DU-13-D — R-410A VRF Cabinet Style Floor Standing Indoor Unit<sup>①</sup>**



Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level <sup>②</sup>	MCA*	Max. Fuse (A)*	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4TVF0006B10CNA	208-230/1/60	6,000	46.0	8.6	23.6	57.3	20-23	0.2	15	1/2	1/4
4TVF0009B10CNA	208-230/1/60	9,000	46.0	8.6	23.6	57.3	21-26	0.22	15	1/2	1/4
4TVF0012B10CNA	208-230/1/60	12,000	46.0	8.6	23.6	57.3	27-37	0.24	15	1/2	1/4
4TVF0018B10CNA	208-230/1/60	18,000	57.0	8.6	23.6	69.4	32-40	0.53	15	1/2	1/4
4TVF0024B10CNA	208-230/1/60	24,000	57.0	8.6	23.6	69.4	32-40	0.53	15	5/8	3/8

① Nominal capacity based on 25 ft. of equivalent refrigerant piping with 0 ft. level difference

- Cooling: Indoor temperature 80°F DB, 67°F WB/Outdoor temperature 95°F DB, 75°F WB

- Heating: Indoor temperature 70°F DB, 60°F WB/Outdoor temperature 47°F DB, 43°F WB

② Sound pressure was measured in a dead room. Actual noise level may be different depending on installation conditions.

③ Cassette panel must be ordered separately.

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

All VRF systems shall be selected using VRF Select software

# American Standard AccuFlex™ VRF Indoor Units

**Table DU-14-A — R-410A VRF Slim Duct<sup>①④</sup>**

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level <sup>②</sup>	MCA*	Max. Fuse (A) <sup>†</sup>	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4TVL0007B100NC	208-230/1/60	7,500	35.4	23.6	7.8	62.8	21-26	0.40	15	1/2	1/4
4TVL0009B100NC	208-230/1/60	9,500	35.4	23.6	7.8	62.8	23-27	0.50	15	1/2	1/4
4TVL0012B100NC	208-230/1/60	12,000	35.4	23.6	7.8	62.8	27-29	0.64	15	1/2	1/4
4TVL0018B100NC	208-230/1/60	18,000	43.3	23.6	7.8	76.0	31-36	1.18	15	1/2	1/4
4TVL0024B100NC	208-230/1/60	24,000	43.3	23.6	7.8	76.0	33-38	1.23	15	5/8	3/8
4TVL0030B100NC	208-230/1/60	30,000	51.2	27.2	11.6	103.6	34-37	1.00	15	5/8	3/8
4TVL0036B100NC	208-230/1/60	36,000	51.2	27.2	11.6	103.6	34-37	1.32	15	5/8	3/8
4TVL0048B100NC	208-230/1/60	48,000	51.2	27.2	11.6	107.0	36-39	1.75	15	5/8	3/8



4TVL00

**Table DU-14-B — R-410A VRF Dedicated Outside Air Units<sup>①⑤</sup>**

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level <sup>②</sup>	MCA*	Max. Fuse (A) <sup>†</sup>	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4TVN0072A100NA	208-230/1/60	72,000	53.1	35.2	17.8	198.4 989	47	2.6	15	3/4	3/8
4TVN0096A100NA	208-230/1/60	96,000	53.1	35.2	17.8	198.4 1236	47	1.4	15	7/8	3/8



**Table DU-14-C — R-410A Single Zone System Circular Cassette HP - Single Phase, 1-1/2 to 4 Ton<sup>①②③</sup>**

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level <sup>②</sup>	FLA*	MOP*	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4TVS0009B100NA	208-230/1/60	9,000	37.2	37.2	11.0	46.3	29-33	0.18	15	1/2	1/4
4TVS0012B100NA	208-230/1/60	12,000	37.2	37.2	11.0	46.3	29-33	0.18	15	1/2	1/4
4TVS0018B100NA	208-230/1/60	18,000	37.2	37.2	14.4	46.3	29-33	0.18	15	5/8	1/4
4TVS0024B100NA	208-230/1/60	24,000	37.2	37.2	14.4	46.3	32-38	0.28	15	5/8	3/8
4TVS0030B100NA	208-230/1/60	30,000	37.2	37.2	14.4	52.9	36-40	0.42	15	5/8	3/8
4TVS0036B100NA	208-230/1/60	36,000	37.2	37.2	14.4	52.9	38-43	0.57	15	5/8	3/8
4TVS0048B100NA	208-230/1/60	48,000	37.2	37.2	14.4	52.9	39-44	0.57	15	5/8	3/8

**Cassette Cover Panel** (must be ordered separately)

Model Number	Color	Description - Dimensions	Matches Cassette HP Model(s)	Weight (lbs)
PNLRNDCASS001S	White	Square Cover Panel 39.4 x 39.4 x 2.3	4TVS0009B - 4TVS0048B	7.9
PNLRNDCASS001R	White	Round Cover Panel 41.3 (diameter) x 3.7	4TVS0009B - 4TVS0048B	5.9
PNLRNDCASS001S	Black	Square Cover Panel 39.4 x 39.4 x 2.6	4TVS0009B - 4TVS0048B	7.9
PNLRNDCASS001R	Black	Round Cover Panel 41.3 (diameter) x 3.7	4TVS0009B - 4TVS0048B	5.9

**Table DU-14-D — R-410A VRF High Wall<sup>①④</sup>**

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level <sup>②</sup>	MCA*	Max. Fuse (A) <sup>†</sup>	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4TVW0007B100NC	208-230/1/60	7,500	32.5	7.5	11.3	24.3	27-31	0.32	15	1/2	1/4
4TVW0009B100NC	208-230/1/60	9,500	32.5	7.5	11.3	24.3	27-31	0.32	15	1/2	1/4
4TVW0012B100NC	208-230/1/60	12,000	32.5	7.5	11.3	24.3	29-37	0.38	15	1/2	1/4
4TVW0018B100NC	208-230/1/60	18,000	41.9	8.6	11.8	34.2	38-44	0.45	15	1/2	1/4
4TVW0020B100NC	208-230/1/60	20,000	41.9	8.6	11.8	34.2	38-44	0.48	15	1/2	1/4
4TVW0024B100NC	208-230/1/60	23,200	41.9	8.6	11.8	34.2	38-45	0.50	15	5/8	3/8

① Nominal capacity based on 25 ft. of equivalent refrigerant piping with 0 ft. level difference

- Cooling: Indoor temperature 80°F DB, 67°F WB/Outdoor temperature 95°F DB, 75°F WB

- Heating: Indoor temperature 70°F DB, 60°F WB/Outdoor temperature 47°F DB, 43°F WB

② Sound pressure was measured in a dead room. Actual noise level may be different depending on installation conditions.

③ Optional internal condensate drain pump must be ordered separately if gravity drain is not possible.

④ External condensate pump, if necessary, is available through sales.

⑤ Only applicable with VRF heat pumps.

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

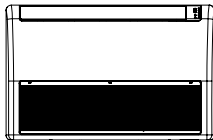
# American Standard AccuFlex™ VRF Indoor Units

**Table DU-15-A — R-410A VRF High Wall** ①④



**4TVW00**

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level <sup>②</sup>	MCA*	Max. Fuse (A)*	Line Size (in)	
			W	D	H					Gas	Liq.
4TVW0005D100NA	208-230/1/60	5,000	29.5	9.7	9.8	17.9	24-28	0.18	15	1/2	1/4
4TVW0007D100NA	208-230/1/60	7,000	29.5	9.7	9.8	17.9	25-33	0.20	15	1/2	1/4
4TVW0009D100NA	208-230/1/60	9,000	29.5	9.7	9.8	18.1	25-36	0.25	15	1/2	1/4
4TVW0012D100NA	208-230/1/60	12,000	32.5	10.3	10.3	21.6	30-37	0.26	15	1/2	1/4
4TVW0015D100NA	208-230/1/60	15,000	32.5	10.3	10.3	21.6	34-41	0.41	15	1/2	1/4
4TVW0018D100NA	208-230/1/60	18,000	41.9	11.6	11.9	32.2	33-39	0.39	15	1/2	1/4
4TVW0024D100NA	208-230/1/60	24,000	41.9	11.6	11.9	32.2	36-44	0.54	15	3/8	5/8
4TVW0027D100NA	208-230/1/60	27,000	41.9	11.6	11.9	32.2	40-47	0.73	15	3/8	5/8
4TVW0030D100NA	208-230/1/60	30,000	50.4	9.9	13.6	40.8	42-49	0.68	15	3/8	5/8



**4TVX00**

**Table DU-15-B — R-410A VRF Ceiling Suspended (Floor)** ①③④

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level <sup>②</sup>	MCA*	Max. Fuse (A)*	Line Size (in)	
			W	D	H					Gas	Liq.
4TVX0018B100NB <sup>④</sup>	208-230/1/60	18,000	39.4	7.9	25.5	56.2	34-40	0.53	15	1/2	1/4
4TVX0024B100NB <sup>④</sup>	208-230/1/60	24,000	39.4	7.9	25.5	56.2	40-44	0.60	15	5/8	3/8

① Nominal capacity based on 25 ft. of equivalent refrigerant piping with 0 ft. level difference

- Cooling: Indoor temperature 80°F DB, 67°F WB/Outdoor temperature 95°F DB, 75°F WB

- Heating: Indoor temperature 70°F DB, 60°F WB/Outdoor temperature 47°F DB, 43°F WB

② Sound pressure was measured in a dead room. Actual noise level may be different depending on installation conditions.

③ EEV kit is required and must be ordered as a separate item.

④ External condensate pump, if necessary, is available through sales.

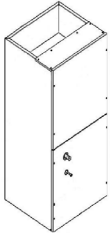
\* Information subject to change. Please confirm with current Product Data for current factory production.

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# American Standard AccuFlex™ VRF Indoor Units



**Table DU-16-A — R-410A Convertible Ducted Air Handling Unit**

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	MCA @240V	Max Fuse @240V (A)	Line Size (in)	
			W	D	H				OD Gas	OD Liq.
4TVM0009C100NB	208-240/1/60	9,000	35.4	18.8	10.3	72.8	0.9	15	1/2	1/4
4TVM0012C100NB	208-240/1/60	12,000	35.4	18.8	10.3	72.8	0.9	15	1/2	1/4
4TVM0018C100NB	208-240/1/60	15,000	45.3	18.8	12.6	89.3	0.9	15	1/2	1/4

**Table DU-16-B — Electric Heaters for 4TVM-C**

Model Number	Heater Model Number	Electric Heater				Minimum Circuit Ampacity (MCA)		Maximum Overcurrent Protection (MCOP)		Min. Wire Size (AWG)
		Circuit Breaker Quantity	kW	Amperes (A)		208 V	240 V	208 V	240 V	
				208 V	240 V					
4TVM0009C100NB	No Heater	N/A	N/A	N/A	N/A	1.04	0.9	15	15	14
4TVM0012C100NB	4TVMCK3KWHTR001	1	3	10.82	12.5	14.56	16.53	15	20	12
4TVM0018C100NA	No Heater	N/A	N/A	N/A	N/A	1.04	0.9	15	15	14
	4TVMCK3KWHTR001	1	3	10.85	12.5	14.56	16.53	15	20	12
	4TVMCK5KWHTR001	1	5	18.03	20.83	23.57	26.94	25	30	10

**Table DU-16-C — R-410A Convertible Ducted Air Handling Unit**

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	MCA*	Max. Fuse*	Line Size (in)	
			W	D	H				OD Gas	OD Liq.
4TVM0024B100NB	208-230/1/60	24,000	35.4	18.8	10.3	72.8	1.75	15	1/2	1/4
4TVM0030B100NB	208-230/1/60	30,000	35.4	18.8	10.3	72.8	1.88	15	5/8	3/8
4TVM0036B100NB	208-230/1/60	36,000	45.3	18.8	12.6	89.3	1.88	15	5/8	3/8
4TVM0042B100NB	208-230/1/60	42,000	45.3	18.8	12.6	89.3	2.00	15	5/8	3/8
4TVM0048B100NB	208-230/1/60	48,000	45.3	18.8	12.6	89.3	2.00	15	5/8	3/8
4TVM0060B100NB	208-230/1/60	60,000	45.3	18.8	12.6	89.3	2.00	15	5/8	3/8

Note: Must be used with 4TVCTRLAHU0001A Controller for 4TVM

**Table DU-16-D — Controller for 4TVM**

4TVCTRLAHU0001A 208-230/1/60 Use with 4TVM0024B-0060B 15.0 5.0 11.0 11.0 Must be ordered as a separate item.

**Table DU-16-E — Electric Heaters for 4TVM-B**

Model Number	Power Supply (Volts/Phase/Hz)	Nominal Capacity Heating @ 240 volts				Nominal Capacity Heating @ 208 volts			
		Circuit 1 kW	Circuit 1 BTUH	Circuit 2 kW	Circuit 2 BTUH	Circuit 1 kW	Circuit 1 BTUH	Circuit 2 kW	Circuit 2 BTUH
BAYHTR1504	208-230/60/1	3.84	13100			2.88	9800		
BAYHTR1505	208-230/60/1	4.8	16400			3.6	12300		
BAYHTR1508	208-230/60/1	7.68	26200			5.76	19700		
BAYHTR1510	208-230/60/1	9.6	32800			7.2	24600		
BAYHTR1515	208-230/60/1	9.6	32800	4.8	16400	7.2	24600	3.6	12300
BAYHTR1519	208-230/60/1	9.6	32800	9.6	32800	7.2	24600	7.2	24600
BAYHTR1520	208-230/60/1	9.6	32800	9.6	32800	7.2	24600	7.2	24600
BAYHTR3510	208-230/60/1	9.6	32800			7.2	24600		
BAYHTR3515	208-230/60/1	14.4	49200			10.8	36900		

This page indicates available products, however, specific applications including 4TVM Indoor units with VRF outdoor systems shall be validated through VRF select.

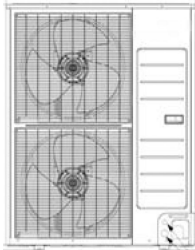
Electric heater selections shall be validated by the unit nameplate, a listing of approved heaters may be obtained in product data catalog VRF-PRC024\*-EN. (\*will be A, B, C, etc. indicating the most current version).

Electrical Branch Circuits shall be validated by the unit nameplate data. This data is also listed in the product data catalog VRF-PRC024\*-EN.

Printed literature is updated periodically; however, product change and development may dictate a unit nameplate change; in all cases, the unit nameplate values rule.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

# American Standard AccuFlex™ VRF Indoor Units



**Table DU-17-A — R-410A Mini VRF 208~230V Single Phase Heat Pump**

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH) ①③	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level ②	MCA*	MOP	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4TVH0036B100NC	208-230/1/60	38,000	37	13	47.6	231.5	50	23	40	5/8"	3/8"
4TVH0048B100NC	208-230/1/60	48,000	37	13	47.6	231.5	51	29	50	5/8"	3/8"
4TVH0053B100NC	208-230/1/60	53,000	37	13	47.6	238	53	34	50	3/4"	3/8"

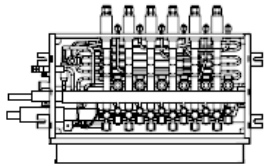
This document is designed a quick reference guide, please consult VRF Select for all systems selections and the latest product data catalogue(s) for diagrams and final electrical data.

- ① Nominal capacity based on 25 ft. of equivalent refrigerant piping with 0 ft. level difference
  - Cooling: Indoor temperature 80°F DB, 67°F WB/Outdoor temperature 95°F DB, 75°F WB
  - Heating: Indoor temperature 70°F DB, 60°F WB/Outdoor temperature 47°F DB, 43°F WB
- ② Sound pressure was measured in a dead room. Actual noise level may be different depending on installation conditions.
- ③ Rated per AHRI Unitary Small HP Standard 210/240

**Table DU-17-B — Optional outdoor unit accessory**

Model Number	Description
TVGARD003A .....	Hail Guard for 4TVH0036B100NC / 4TVH0048B100NC / 4TVH0053B100NC

# American Standard AccuFlex™ VRF Mode Control Unit (MCU)



4MCUCUY6N (6 port unit)

**Table DU-17-C — R-410A VRF Mode Control Unit (MCU) ①②③**

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Max Capacity BTUH	Uncrated Dimensions (in)			Shipping Weight (lbs)	No. Of Ports	MCA	MOP
			L	W	H				
4MCUCUY2NCE000	208-230/1/60	192,000	32.6	7.9	18.5	63.9	2	0.63	15
4MCUCUY4NCE000	208-230/1/60	120,000	32.6	7.9	18.5	63.9	4	0.63	15
4MCUCUY6NCE000	208-230/1/60	180,000	32.6	7.9	18.5	70.5	6	0.63	15

- ① The MCA and MOP listed for the MCU applies to the MCU only.
- ② If the MCU is used to distribute high voltage power to the indoor units, the electrical branch circuit size and overcurrent protection device rating shall be calculated using the adopted National Electrical Code (NECA 70E) per the Authority Having Jurisdiction (AHJ). The maximum current draw through the MCU and overcurrent protection device shall not exceed 15 AMPS.
- ③ Must use 4MCUCY style MCU's with 4TVP water source VRF units when using heat recovery option.

**Table DU-17-D — R-410A VRF Next Generation Mode Control Units (MCU) 3-Phase ①②③**

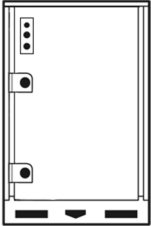
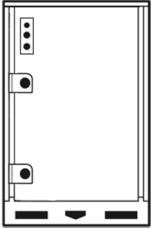
Indoor Model Number	Power Supply (Volts/Phase/Hz)	Max Capacity BTUH	Uncrated Dimensions (in)			Shipping Weight (lbs)	No. Of Ports	MCA	MOP
			L	W	H				
4MCUTV1A548B1A	208-230/3/60	54,000	13.2	16.1	7.8	24.25	1	2.0	15
4MCUTV2A548B1A	208-230/3/60	108,000	28.7	18.4	7.8	46.29	2	2.0	15
4MCUTV4A548B1A	208-230/3/60	216,000	28.7	18.4	7.8	54.10	4	2.0	15
4MCUTV6A548B1A	208-230/3/60	216,000	28.7	18.4	7.8	62.80	6	2.0	15

- ① Do not mix Generation 1 MCU's and Next Generation MCU's in a VRF Heat Recovery System.
- ② Do not use Next Generation MCU's with 4TVP Water Source Systems.
- ③ Indoor units over 54,000 BTUH, requires port pairing. Currently, these Y connectors are available as KIT Numbers. Order KIT18189 and KIT18190 for each set of ports required to be paired.



MCU Model	Sound Level		Main Port Connections			Series Port Connections			Indoor Unit Port Connections	
	Standard Operation	Mode Changing	Liquid	Suction	Hot Gas	Liquid	Suction	Hot Gas	Liquid	Gas
			OD"	OD"	OD"	OD"	OD"	OD"	OD"	OD"
4MCUTV1A548B1A	33.0	50.0	3/8"	7/8"	3/4"	N/A	N/A	N/A	3/8"	5/8"
4MCUTV2A548B1A	34.0	50.0	5/8"	1-1/8"	1-1/8"	5/8"	1-1/8"	1-1/8"	3/8"	5/8"
4MCUTV4A548B1A	36.0	50.0	5/8"	1-1/8"	1-1/8"	5/8"	1-1/8"	1-1/8"	3/8"	5/8"
4MCUTV6A548B1A	36.0	50.0	5/8"	1-1/8"	1-1/8"	5/8"	1-1/8"	1-1/8"	3/8"	5/8"

# American Standard AccuFlex™ VRF Water Source Units



**Table DU-18-A — R-410A VRF 208-230V Water Source Heat Pump / Heat Recovery Single Modules<sup>③</sup>**

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level <sup>①</sup>	MCA <sup>②</sup>	MOP <sup>②</sup>	Line Size (in)		
			W	D	H					OD Gas	OD Liq.	HOT Gas
4TVP0072B300NB	208-230/3/60	72,000	30.2	21.5	39.4	353	48	16.0	25	3/4	3/8	5/8
4TVP0072B300NB	208-230/3/60	96,000	30.2	21.5	39.4	353	48	23.0	40	7/8	3/8	3/4
4TVP0120B300NB	208-230/3/60	120,000	30.2	21.5	39.4	353	50	30.0	50	1 1/8	1/2	7/8
4TVP0192B300NB	208-230/3/60	192,000	43.2	21.5	39.4	529	61	39.6	50	1 1/8	5/8	1 1/8

**Table DU-18-B — R-410A VRF 460V Water Source Heat Pump / Heat Recovery Single Modules<sup>③</sup>**

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level <sup>①</sup>	MCA <sup>②</sup>	MOP <sup>②</sup>	Line Size (in)		
			W	D	H					OD Gas	OD Liq.	HOT Gas
4TVP0072B400NB	460/3/60	72,000	30.2	21.5	39.4	368	48	10.0	15	3/4	3/8	5/8
4TVP0096B400NB	460/3/60	96,000	30.2	21.5	39.4	368	48	11.0	15	7/8	3/8	3/4
4TVP0120B400NB	460/3/60	120,000	30.2	21.5	39.4	368	50	15.6	25	1 1/8	1/2	7/8
4TVP0192B400NB	460/3/60	192,000	43.2	21.5	39.4	545	61	26.2	35	1 1/8	5/8	1 1/8

This document is designed a quick reference guide, please consult VRF Select for all systems selections and the latest product data catalogue(s) for diagrams and final electrical data.

- ① Sound pressure was measured in a dead room. Actual noise level may be different depending on installation conditions.
- ② Information subject to change. Please confirm with current Product Data for current factory production.
- ③ Use only 4MCUCUY (1st Generation MCU's) with 4TVP Water Source Units.

Read Only

Ductless

# American Standard AccuFlex™ VRF Outdoor Units

**Table DU-19-A — R-410A VRF 208~230V Heat Pump Single Modules<sup>③</sup>**

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level <sup>①</sup>	MCA <sup>②</sup>	MOP <sup>②</sup>	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4TVH0072B300NB	208-230/3/60	72,000	34.6	30.1	66.7	461	60	28.0	35	3/4	3/8
4TVH0096B300NB	208-230/3/60	96,000	50.9	30.1	66.7	666	61	37.8	50	7/8	3/8
4TVH0120B300NB	208-230/3/60	120,000	50.9	30.1	66.7	666	61	43.0	50	1 1/8	1/2
4TVH0144B300NB	208-230/3/60	144,000	50.9	30.1	66.7	699	62	52.6	70	1 1/8	1/2
4TVH0168B300NC	208-230/3/60	168,000	50.9	30.1	66.7	754	63	66.0	80	1 1/8	5/8
4TVH0192B300NC	208-230/3/60	192,000	50.9	30.1	66.7	772	64	73.0	90	1 1/8	5/8

**Table DU-19-B — R-410A VRF 208~230V Heat Recovery Single Modules<sup>③</sup>**

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level <sup>①</sup>	MCA <sup>②</sup>	MOP <sup>②</sup>	Line Size (in)		
			W	D	H					Gas	Liq.	HOT Gas
4TVR0072B300NB	208-230/3/60	72,000	34.6	30.1	66.7	465	60	28.0	35	3/4	3/8	5/8
4TVR0096B300NB	208-230/3/60	96,000	50.9	30.1	66.7	679	61	37.8	50	7/8	3/8	3/4
4TVR0120B300NB	208-230/3/60	120,000	50.9	30.1	66.7	679	61	43.0	50	1 1/8	1/2	7/8
4TVR0144B300NB	208-230/3/60	144,000	50.9	30.1	66.7	714	62	52.6	70	1 1/8	1/2	7/8
4TVR0168B300NC	208-230/3/60	168,000	50.9	30.1	66.7	770	63	66.0	80	1 1/8	5/8	7/8
4TVR0192B300NC	208-230/3/60	192,000	50.9	30.1	66.7	778	64	73.0	90	1 1/8	1/2	1 1/8

**Table DU-19-C — R-410A VRF 460V Heat Pump Single Modules<sup>③</sup>**

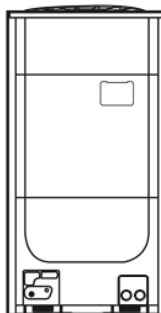
Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level <sup>①</sup>	MCA <sup>②</sup>	MOP <sup>②</sup>	Line Size (in)	
			W	D	H					Gas	OD Liq.
4TVH0072B400NB	460/3/60	72,000	34.6	30.1	66.7	472	60	16.4	20	3/4	3/8
4TVH0096B400NB	460/3/60	96,000	50.9	30.1	66.7	582	61	19.0	25	7/8	3/8
4TVH0120B400NB	460/3/60	120,000	50.9	30.1	66.7	582	61	21.7	30	1 1/8	1/2
4TVH0144B400NB	460/3/60	144,000	50.9	30.1	66.7	714	62	26.4	40	1 1/8	1/2
4TVH0168B400NC	460/3/60	168,000	50.9	30.1	66.7	757	63	33.0	40	1 1/8	5/8
4TVH0192B400NC	460/3/60	192,000	50.9	30.1	66.7	774	64	37.0	50	1 1/8	5/8

**Table DU-19-D — R-410A VRF 460V Heat Recovery Single Modules<sup>③</sup>**

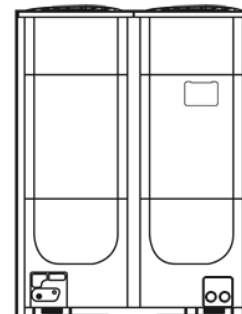
Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level <sup>①</sup>	MCA <sup>②</sup>	MOP <sup>②</sup>	Line Size (in)		
			W	D	H					Gas	OD Liq.	HOT Gas
4TVR0072B400NB	460/3/60	72,000	34.6	30.1	66.7	481	60	16.4	20	3/4	3/8	5/8
4TVR0096B400NB	460/3/60	96,000	50.9	30.1	66.7	595	61	19.0	25	7/8	3/8	3/4
4TVR0120B400NB	460/3/60	120,000	50.9	30.1	66.7	595	61	21.7	30	1 1/8	1/2	7/8
4TVR0144B400NB	460/3/60	144,000	50.9	30.1	66.7	734	62	26.4	40	1 1/8	1/2	7/8
4TVR0168B400NC	460/3/60	168,000	50.9	30.1	66.7	770	63	33.0	40	1 1/8	1/2	7/8
4TVR0192B400NC	460/3/60	192,000	50.9	30.1	66.7	788	64	37.0	50	1 1/8	1/2	1 1/8

This document is designed a quick reference guide, please consult VRF Select for all systems selections and the latest product data catalogue(s) for diagrams and final electrical data.

- ① Sound pressure was measured in a dead room. Actual noise level may be different depending on installation conditions.
- ② Information subject to change. Please confirm with current Product Data for current factory production.
- ③ If using 4TVR-B heat recovery units with Next Generation MCU's, the main board and hub board must be changed. Board is available through parts and supplies.



DU-19



For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

# American Standard AccuFlex™ VRF Outdoor Units

**Table DU-20-A — R-410A VRF 208–230V Next Generation Heat Pump Single Modules**

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level <sup>①</sup>	MCA <sup>②</sup>	MOP <sup>②</sup>	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4TVH0072C300NA	208-230/3/60	72,000	34.6	30.1	66.7	426	60	28.0	35	3/4	3/8
4TVH0096C300NA	208-230/3/60	96,000	50.9	30.1	66.7	624	61	37.8	50	7/8	3/8
4TVH0120C300NA	208-230/3/60	120,000	50.9	30.1	66.7	624	61	43.0	50	1 1/8	1/2
4TVH0144C300NA	208-230/3/60	144,000	50.9	30.1	66.7	657	62	52.6	70	1 1/8	1/2
4TVH0168C300NA	208-230/3/60	168,000	50.9	30.1	66.7	717	63	66.0	80	1 1/8	5/8
4TVH0192C300NA	208-230/3/60	192,000	50.9	30.1	66.7	734	64	73.0	90	1 1/8	5/8

**Table DU-20-B — R-410A VRF 208–230V Next Generation Heat Recovery Single Modules**

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level <sup>①</sup>	MCA <sup>②</sup>	MOP <sup>②</sup>	Line Size (in)		
			W	D	H					OD Gas	OD Liq.	HOT Gas
4TVR0072C300NA	208-230/3/60	72,000	34.6	30.1	66.7	426	60	28.0	35	3/4	3/8	5/8
4TVR0096C300NA	208-230/3/60	96,000	50.9	30.1	66.7	624	61	37.8	50	7/8	3/8	3/4
4TVR0120C300NA	208-230/3/60	120,000	50.9	30.1	66.7	624	61	43.0	50	1 1/8	1/2	7/8
4TVR0144C300NA	208-230/3/60	144,000	50.9	30.1	66.7	667	62	52.6	70	1 1/8	1/2	7/8
4TVR0168C300NA	208-230/3/60	168,000	50.9	30.1	66.7	717	63	66.0	80	1 1/8	5/8	7/8
4TVR0192C300NA	208-230/3/60	192,000	50.9	30.1	66.7	734	64	73.0	90	1 1/8	5/8	1 1/8

**Table DU-20-C — R-410A VRF 460V Next Generation Heat Pump Single Modules**

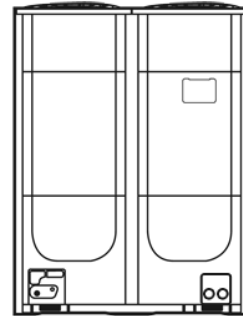
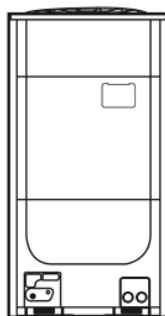
Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level <sup>①</sup>	MCA <sup>②</sup>	MOP <sup>②</sup>	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4TVH0072C400NA	460/3/60	72,000	34.6	30.1	66.7	426	60	16.4	20	3/4	3/8
4TVH0096C400NA	460/3/60	96,000	50.9	30.1	66.7	624	61	19.0	25	7/8	3/8
4TVH0120C400NA	460/3/60	120,000	50.9	30.1	66.7	624	61	21.7	30	1 1/8	1/2
4TVH0144C400NA	460/3/60	144,000	50.9	30.1	66.7	657	62	26.4	40	1 1/8	1/2
4TVH0168C400NA	460/3/60	168,000	50.9	30.1	66.7	717	63	33.0	40	1 1/8	5/8
4TVH0192C400NA	460/3/60	192,000	50.9	30.1	66.7	734	64	37.0	50	1 1/8	5/8

**Table DU-20-D — R-410A VRF 460V Next Generation Heat Recovery Single Modules**

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level <sup>①</sup>	MCA <sup>②</sup>	MOP <sup>②</sup>	Line Size (in)		
			W	D	H					OD Gas	OD Liq.	HOT Gas
4TVR0072C400NA	460/3/60	72,000	34.6	30.1	66.7	426	60	16.4	20	3/4	3/8	5/8
4TVR0096C400NA	460/3/60	96,000	50.9	30.1	66.7	624	61	19.0	25	7/8	3/8	3/4
4TVR0120C400NA	460/3/60	120,000	50.9	30.1	66.7	624	61	21.7	30	1 1/8	1/2	7/8
4TVR0144C400NA	460/3/60	144,000	50.9	30.1	66.7	657	62	26.4	40	1 1/8	1/2	7/8
4TVR0168C400NA	460/3/60	168,000	50.9	30.1	66.7	717	63	33.0	40	1 1/8	5/8	7/8
4TVR0192C400NA	460/3/60	192,000	50.9	30.1	66.7	734	64	37.0	50	1 1/8	5/8	1 1/8

This document is designed a quick reference guide, please consult VRF Select for all systems selections and the latest product data catalogue(s) for diagrams and final electrical data.

- ① Sound pressure was measured in a dead room. Actual noise level may be different depending on installation conditions.
- ② Information subject to change. Please confirm with current Product Data for current factory production.



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# American Standard AccuFlex™ VRF Outdoor Units

**Table DU-21-A — R-410A AccuFlex™ VRF ProHeat 208~230V Heat Pump Single Modules**

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level <sup>①</sup>	MCA <sup>②</sup>	MOP <sup>②</sup>	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4TVHL072B300NA	208-230/3/60	72,000	50.9	30.1	66.7	657	60	50.0	60	3/4	3/8
4TVHL096B300NA	208-230/3/60	96,000	50.9	30.1	66.7	726	61	70.0	80	7/8	3/8

**Table DU-21-B — R-410A AccuFlex™ VRF ProHeat 208~230V Heat Recovery Single Modules**

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level <sup>①</sup>	MCA <sup>②</sup>	MOP <sup>②</sup>	Line Size (in)		
			W	D	H					Gas	Liq.	HOT Gas
4TVRL072B300NA	208-230/3/60	72,000	50.9	30.1	66.7	667	60	50.0	60	3/4	3/8	5/8
4TVRL096B300NA	208-230/3/60	96,000	50.9	30.1	66.7	741	61	70.0	80	7/8	3/8	3/4

**Table DU-21-C — R-410A AccuFlex™ VRF ProHeat 460V Heat Pump Single Modules**

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level <sup>①</sup>	MCA <sup>②</sup>	MOP <sup>②</sup>	Line Size (in)	
			W	D	H					Gas	Liq.
4TVHL072B400NA	460/3/60	72,000	50.9	30.1	66.7	664	60	28.0	35	3/4	3/8
4TVHL096B400NA	460/3/60	96,000	50.9	30.1	66.7	728	61	38.0	45	7/8	3/8

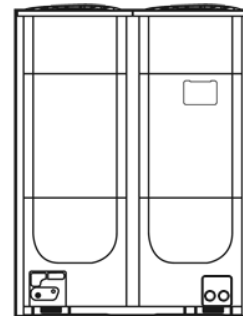
**Table DU-21-D — R-410A AccuFlex™ VRF ProHeat 460V Heat Recovery Single Modules**

Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level <sup>①</sup>	MCA <sup>②</sup>	MOP <sup>②</sup>	Line Size (in)		
			W	D	H					Gas	Liq.	HOT Gas
4TVRL072B400NA	460/3/60	72,000	50.9	30.1	66.7	683	60	28.0	35	3/4	3/8	5/8
4TVRL096B400NA	460/3/60	96,000	50.9	30.1	66.7	743	61	38.0	45	7/8	3/8	3/4

This document is designed a quick reference guide, please consult VRF Select for all systems selections and the latest product data catalogue(s) for diagrams and final electrical data.

- ① Sound pressure was measured in a dead room. Actual noise level may be different depending on installation conditions.
- ② Information subject to change. Please confirm with current Product Data for current factory production.

Ready to Read



# American Standard AccuFlex™ VRF Outdoor Units

## Controls

Family	Description	Model Number
Integrated System Management	VRF Enterprise Management Software	TVCTRLTSTP3P00
Building Management System Gateways	VRF System Controller +BACnet	TVCTRLSCBB17A0
Centralized Control Systems	VRF System TouchScreen Control	TVCTRLCMA300A
	VRF Mode Select Switch	TVCTRLTMC2000
Zone Controllers	VRF Wireless Remote Control	TVCTRLTRDH00UA
	VRF Wireless Remote Control for Circular Cassettes (4TVS)	TVCREMOTE0001A
	VRF Wired Control	TVCTRLTWRWD02A
	VRF Simple Wired Touch Control	TVCTRLTWR0002A
	VRF Duct Signal Receiver & Wire	TVCTRLTRKA10N0
Interface Modules	VRF External Contact Interface Module	TVCTRLTIMB14A0
Sensors	VRF Ext. Room Temp Sensor	TVCTRLTRWTA000
Utility Kits	VRF Technician Utilities	TVCTRLTIMC0300

## EEV Kits

Table for use with 4TVX models.

EEV Type	EEV Model Number	QTY OF INDOOR UNITS		
		4TVX0018B100NB		4TVX0024B100NB
Single Port EEV	4EEVEVA32SA000	1	or	1
Two Port EEV	4EEVXDA32K200A	0	and	2
	4EEVXDA32K200A	1	and	1
	4EEVXDA32K200A	2	and	0
Three Port EEV	4EEVXDA32K300A	0	and	3
	4EEVXDA32K300A	1	and	2
	4EEVXDA32K300A	2	and	1
	4EEVXDA32K300A	3	and	0

Ductless



**Accessories**

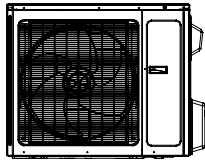
Family	Description	Model Number
Indoor Y-Joint	VRF Y-Joint <51MBh	4YDK1509B0051A
	VRF Y-Joint 51-138MBh	4YDK2512B0138A
	VRF Y-Joint 138-160MBh	4YDK2812B0160A
	VRF Y-Joint 160-240MBh	4YDK2815B0240A
	VRF Y-Joint 240-336MBh	4YDK3419B0336A
	VRF Y-Joint 336-468MBh	4YDK4119B0468A
	VRF Y-Joint >468MBh	4YDK4422B0999A
Indoor Y-Joint (High Pressure Gas for HR)	VRF Y-Joint HR ≤80MBh	4YDK1500B0080A
	VRF Y-Joint HR 80-240MBh	4YDK2500B0240A
	VRF Y-Joint HR 240-468MBh	4YDK3100B0468A
	VRF Y-Joint HR >468MBh	4YDK3800B0999A
Outdoor Y-Joint (Outdoor Connection)	Outdoor VRF Y-Joint ≤468MBh	4TDK3819B0000A
	Outdoor VRF T-Joint HR ≤468MBh	4TDK3100B0000A
Header Joint	VRF Header Joint 4Units <160MBh	4HJK2512B0159A
	VRF Header Joint 8Units ≤240MBh	4HJK3115B0241A
	VRF Header Joint 8Units >240MBh	4HJK3819B0998A
MCU-Kit	VRF MCU Kit up to 6 IDU	4MCUCUY6NCE000*
	VRF MCU Kit up to 4 IDU	4MCUCUY4NCE000*
	VRF MCU Kit 2 IDU HSP Only	4MCUCUY2NCE000*
	VRF Next Generation MCU Kit - 1 port	4MCUTV1A548B1A
	VRF Next Generation MCU Kit - 2 port	4MCUTV2A548B1A
	VRF Next Generation MCU Kit - 4 port	4MCUTV4A548B1A
	VRF Next Generation MCU Kit - 6 port	4MCUTV6A548B1A
4MCUTV Y Connectors	3/8" MCU Liquid Port Y Connector	KIT18189
	5/8" MCU Vapor Port Y Connector	KIT18190
EEV Kits (For Wall-mounted & Ceiling indoor unit)	VRF EEV Kit 1Unit 17-31MBh (4TVX0018-24)	4EEVEVA32SA000
	VRF EEV Kit 2Unit 17-31MBh (4TVX0018-24)	4EEVXDA32K200A
	VRF EEV Kit 3Unit 17-31MBh (4TVX0018-24)	4EEVXDA32K300A
Drain Pump	VRF Drain Pump Slim Duct	CONDPUMPXVLB01
	VRF Drain Pump HSP 76.8/96MBh	CONDPUMPXVHB01
	VRF Drain Pump High Wall & Ceiling	CONDPUMPAHWB01
Cassette Panel	VRF Cassette Panel Slim 1Way	TVEPANPC1NUSET
	VRF Cassette Panel Mini 4Way	PNL4WAYMINI23A
	VRF Cassette Panel 4Way	TVEPANPC4NUSET
Hail Guards	4TVH/4TVR0072B	TVGARD001A
	4TVH/4TVR0096B-192B, 4TV*L ProHeat	TVGARD002A
	4TVH0036B, 4TVH0048B, 4TVH0053B	TVGARD003A

\* Note: For application with Water Source Heat Recovery only (4TVP)

**Table DU-23-A — R-410A VRF Software**

VRF Select	PC Windows Based	Download from <a href="http://www.ASDealerNet.com">www.ASDealerNet.com</a>
Technician Utility Software	PC Windows Based	Download from <a href="http://www.ASDealerNet.com">www.ASDealerNet.com</a>

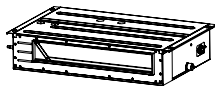
# Ductless Single Zone System Pro Series Single Phase – 1½ - 4 Tons



4TXU20

**Table DU-24-A — Pro Series R-410A Single Zone System HP — Single Phase, 1½ to 4 Ton** ①②

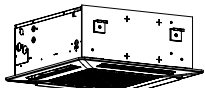
Outdoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4TXU2018A10N0A	208-230/1/60	17,100	37.6	15.6	27.6	115.0	56	17	25	1/2	1/4
4TXU2024A10N0A	208-230/1/60	23,800	38.6	16.8	31.1	163.0	57	24	40	5/8	3/8
4TXU2030A10N0A	208-230/1/60	28,200	38.6	16.8	31.1	170.0	58	24	40	5/8	3/8
4TXU2036A10N0A	208-230/1/60	34,000	43.6	17.3	43.3	223.0	63	29	45	5/8	3/8
4TXU2042A10N0A	208-230/1/60	39,500	37.7	16.2	53.1	232.0	61	31	50	5/8	3/8
4TXU2048A10N0A	208-230/1/60	48,000	37.7	16.2	53.1	254.0	59	45	70	5/8	3/8



4UXD20

**Table DU-24-B — Pro Series R-410A Single Zone System Duct HP - Single Phase, 1½ to 4 Ton** ①②③

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4UXD2018A10N0A	208-230/1/60	18,000	40.8	28.4	10.5	83.8	28-40	15	1/2	1/4	
4UXD2024A10N0A	208-230/1/60	24,000	50.4	22.0	10.6	86.0	40-47	15	5/8	3/8	
4UXD2030A10N0A	208-230/1/60	30,000	50.4	22.0	10.6	86.0	40-47	15	5/8	3/8	
4UXD2036A10N0A	208-230/1/60	36,000	48.3	30.5	11.4	116.9	44-53	15	5/8	3/8	
4UXD2042A10N0A	208-230/1/60	42,000	48.3	30.5	11.4	116.9	44-53	15	5/8	3/8	
4UXD2048A10N0A	208-230/1/60	48,000	52.8	29.5	13.8	143.3	45-55	15	5/8	3/8	



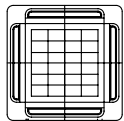
4UXC20

**Table DU-24-C — Pro Series R-410A Single Zone System Cassette HP - Single Phase, 1½ to 4 Ton** ①②③

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4UXC2018A10N0A	208-230/1/60	18,000	26.2	23.5	9.4	52.9	37-47	15	1/2	1/4	
4UXC2024A10N0A	208-230/1/60	24,000	36.1	33.1	9.4	83.8	38-47	15	5/8	3/8	
4UXC2030A10N0A	208-230/1/60	30,000	36.1	33.1	12.6	97.0	40-49	15	5/8	3/8	
4UXC2036A10N0A	208-230/1/60	36,000	36.1	33.1	12.6	97.0	43-51	15	5/8	3/8	
4UXC2042A10N0A	208-230/1/60	42,000	36.1	33.1	12.6	97.0	43-51	15	5/8	3/8	
4UXC2048A10N0A	208-230/1/60	48,000	35.8	35.8	11.4	110.2	41-53	15	5/8	3/8	

**Cassette Cover Panels** (must be ordered separately)

Model Number	Description	Matches Cassette HP Model(s)
4UXL2018A10N0A	Cover Panel 26.4x 26.4 x 2.0	4UXC2018A
4UXL2042A10N0A	Cover Panel 37.4 x 37.5 x 2.4	4UXC2024A - 4UXC2042A
4UXL2048A10N0A	Cover Panel 40.9 x 40.9 x 2.6	4UXC2048A



4UXL20

**Table DU-24-D — Pro Series R-410A Single Zone System Floor/Ceiling HP - Single Phase, 1½ to 4 Ton** ①②③

Indoor Model Number	Power Supply (Volts/Phase/Hz)	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in)			Shipping Weight (lbs)	Sound Pressure Level**	MCA*	Max. Fuse (A)*	Line Size (in)	
			W	D	H					OD Gas	OD Liq.
4UXX2018A10N0A	208-230/1/60	18,000	48.0	27.6	8.9	105.8	32-44	15	1/2	1/4	
4UXX2024A10N0A	208-230/1/60	24,000	48.0	27.6	8.9	110.3	40-49	15	5/8	3/8	
4UXX2030A10N0A	208-230/1/60	30,000	55.9	27.6	9.6	123.5	38-49	15	5/8	3/8	
4UXX2036A10N0A	208-230/1/60	36,000	55.9	27.6	9.6	123.5	46-54	15	5/8	3/8	
4UXX2042A10N0A	208-230/1/60	42,000	55.9	27.6	9.6	127.9	47-55	15	5/8	3/8	
4UXX2048A10N0A	208-230/1/60	48,000	66.9	27.6	9.6	149.9	46-56	15	5/8	3/8	



4UXX20

① Refer to the AHRI Directory for certified combinations and product performance.

② Outdoor unit must be matched with one of the three corresponding indoor units listed. These are one-to-one matched systems

③ Indoor units and outdoor units are powered from separate branch circuits

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

\*\* Sound Pressure Level @3.3 ft. dB (A)

Ductless

# Ductless Single Zone System Pro Series Single Phase – 1½ - 4 Tons

**Table DU-25-A — Features**

	4TXU20 Single Zone up to 20 SEER
• R410-A refrigerant.....	✓
• Nominal capacity 18-48 MBH .....	✓
• Cooling efficiency up to 20 SEER .....	✓
• Heating efficiency range 9-10 HSPF.....	✓
• Heat Pump .....	✓
• Crankcase Heater .....	✓
• Pan Heater .....	✓
• Low sound level.....	✓
• Blue fin anti-corrosion treatment .....	✓
• ETL and AHRI listed.....	✓
• Sleep mode function .....	✓
• Memory reset function .....	✓
• Low ambient heating and cooling to 0°F.....	✓
• Improved air quality with active carbon and catechin filters .....	✓
• <b>Registered limited warranty 5-year on all other functional parts</b> ①.....	✓
• <b>Optional extended warranties available through third parties</b> .....	✓

① Registered Limited Warranty terms are available when these products are registered within 60 days of installation. Registration can be done online at americanstandardair.com or by phone at 800-554-8005; otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.

**Table DU-25-B —Optional Outdoor Unit Accessories**

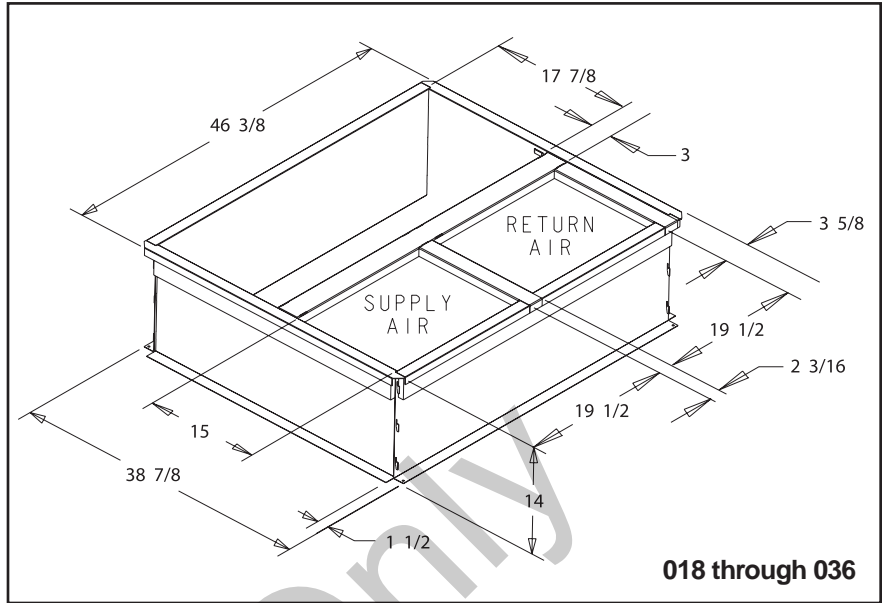
Model Number	Description	4TXU20 Single Zone up to 20 SEER
TAYREFLN560 .....	Lineset Kit ¼ x ½ - 25'	✓
TAYREFLN565 .....	Lineset Kit ¼ x ½ - 35'	✓
TAYREFLN570 .....	Lineset Kit ¼ x ½ - 50'	✓
TAYREFLN955 .....	Lineset Kit ⅜ x ⅝ - 25'	✓
TAYREFLN960 .....	Lineset Kit ⅜ x ⅝ - 35'	✓
TAYREFLN965 .....	Lineset Kit ⅜ x ⅝ - 50'	✓
TAYREFLN970 .....	Lineset Kit ⅜ x ⅝ - 100'	✓

**Table DU-25-C —Optional Indoor Unit Accessories**

Model Number	Description	4UXD20 Single Zone Indoor up to 20 SEER	4UXC20 Single Zone Indoor up to 20 SEER	4UXX20 Single Zone Indoor up to 20 SEER
AREMOTE2AHANDAA .....	Wireless controller.....	✓	✓	✓
TREWIRE2AHANDAA .....	Wired controller (shipped with, noted here for reorder reference).....	✓	✓	✓
AREPROG2AHANDAA.....	Programmable Wired controller.....	✓	✓	✓

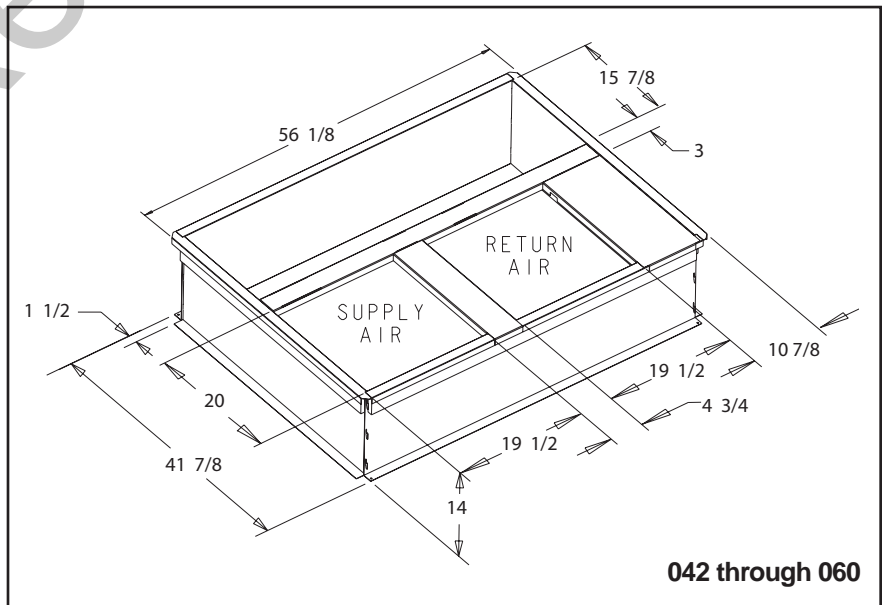
# Roof Curbs

## BAYCURB050A FULL PERIMETER ROOF MOUNTING CURB OUTLINE

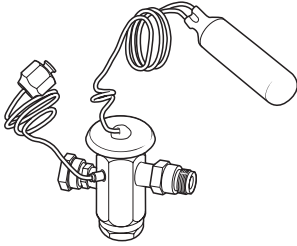


Full Perimeter BAYCURB050A	Full Perimeter BAYCURB051A
4TCY4024-036	4TCY4042-060
4TCX3018-036/4TCC3018-036	4TCX3042-060/4TCC3042-060
4WCZ6036/4DCZ6036	4WCZ6048-060/4DCZ6048-060
4WCY4024-036/4DCY4024-036	4WCY4042-060/4DCY4042-060
2/4WCX3018-036/2/4WCC3018-036	2/4WCX3042-060/2/4WCC3042-060
4YCZ6036	4YCZ6048-060
4YCY4024-036	4YCY4042-060
2/4YCX3018-036/2/4YCC3018-036	2/4YCX3042-060/2/4YCC3042-060

## BAYCURB051A FULL PERIMETER ROOF MOUNTING CURB OUTLINE



# 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-2-A Cooling/Heat Pump Non-Bleed TXV Kits- Dual Direction Flow-TXA/C-BC Coils**

R-410 Model Number	R-22 Model Numbers	Used With 13 SEER Coils
4AYTXVH3D1831A	2AYTXVH3C1818A	2/4TXC, TXA018
4AYTXVH3D1831A	2AYTXVH3C2425A	2/4TXC, TXA024,025
4AYTXVH3D1831A	2AYTXVH3C3031A	2/4TXC, TXA031
4AYTXVH3D3343A	—4TXC, 4TXA-032	
4AYTXVH3D3343A	2AYTXVH3C3337A	2/4TXC, TXA036,037
4AYTXVH3D3343A	2AYTXVH3C4243A	2/4TXC, TXA042,043
4AYTXVH3D4863A	—4TXC, 4TXA-044	
4AYTXVH3D4863A	2AYTXVH3C4850A	2/4TXC, TXA048,049,050
4AYTXVH3D4863A	2AYTXVH3C5463A	2/4TXC, TXA060,061,064

**Table AC/IN-2-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-2-C Cooling/Heat Pump Non-Bleed TXV Kits- Dual Direction Flow-TXA/C-AS Coils**

R-410 Model Number	R-22 Model Number	Used With AS Aluminum Coils
4AYTXVH3B2531A	2AYTXVH3B2531A	2/4TXA, TXC-025
4AYTXVH3B2531A	2AYTXVH3B2531A	2/4TXA, TXC-031
4AYTXVH3B3654A	2AYTXVH3B3637A	2/4TXA, TXC-036
4AYTXVH3B3654A	2AYTXVH3B3637A	2/4TXA, TXC-037
4AYTXVH3B3654A	2AYTXVH3B5454A	2/4TXA, TXC-054
4AYTXVH3B6165A	2AYTXVH3B6565A	2/4TXA, TXC-065

**Table AC/IN-2-D Cooling/Heat Pump Non-Bleed TXV Kits – Dual Direction Flow 4NXA/4NXC**

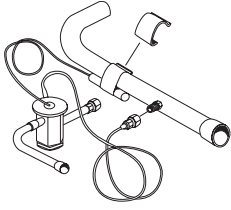
R-22 Number	Used With 4NXA & 4NXC Coils
2AYTXVH3E1824AA	4NXA, NXC – 018 - 024
2AYTXVH3E2536AA	4NXA, NXC – 025 - 036
2AYTXVH3E6363AA	4NXC - 063

**Table AC/IN-2-E Cooling/Heat Pump Non-Bleed TXV Kits- Dual Direction Flow**

R-410 Number	R-22 Numbers	Used With Air Handlers
4AYTXVH3D1830A	2AYTXVH3D1830A	2TFB-018-030
4AYTXVH3D1831A	2AYTXVH3D1830A	2TFB-036
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	2/4TEH-018-030
—	2AYTXVH3D3636A	4TEH-036
4AYTXVH3D3642A	—	2TEH-036-042
—	2AYTXVH3D4260A	4TEH-042-060
4AYTXVH3D4863A	—	2TEH-048-060
4AYTXVH3D1800A	2AYTXVH3D1830A	2/4TGB-018
4AYTXVH3D1830A	2AYTXVH3D1830A	2/4TGB-025
4AYTXVH3D1831A	2AYTXVH3D1830A	2/4TGB-030
4AYTXVH3D3600A	2AYTXVH3D1830A	2/4TGB-036
4AYTXVH3D3343A	2AYTXVH3D4260A	2/4TGB-042
4AYTXVH3D4863A	2AYTXVH3D4260A	2/4TGB-048
4AYTXVH3D3642A	2AYTXVH3D4260A	2/4TEE-039
4AYTXVH3D4863A	2AYTXVH3D4260A	2/4TEE-048-064

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

# Thermal Expansion Valves



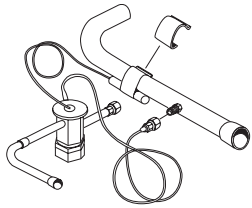
**Expansion Valve TXV Cooling Kit**

**Table AC/IN-3-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	¼	⅝	2	R-22
TAYTXVA0C5C	2-2½ Ton	⅝ <sub>16</sub>	¾	2	R-22
TAYTXVA0E5C	3-3½ Ton	⅜	⅞	2	R-22
TAYTXVA0G5C	4 Ton	⅜	1⅛	2	R-22
TAYTXVA0H5C	5-6 Ton	⅜	1⅛	2	R-22

**Table AC/IN-3-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	¼	⅝	2	R-22
TAYTXVA0C3C	2-2½ Ton	⅝ <sub>16</sub>	¾	2	R-22
TAYTXVA0E3C	3-3½ Ton	⅜	⅞	2	R-22
TAYTXVA0G3C	4 Ton	⅜	1⅛	2	R-22
TAYTXVA0H3C	5-6 Ton	⅜	1⅛	2	R-22



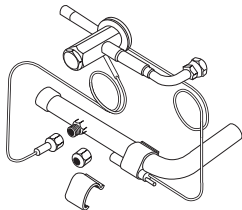
**Expansion Valve TXV Heat Pump Kit\***

**Table AC/IN-3-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	¼	⅝	3	R-22
TAYTXVH0C3C	2-2½ Ton	⅝ <sub>16</sub>	¾	3	R-22
TAYTXVH0E3C	3-3½ Ton	⅜	⅞	3	R-22
TAYTXVH0G3C	4 Ton	⅜	1⅛	3	R-22
TAYTXVH0H3C	5-6 Ton	⅜	1⅛	3	R-22

**Table AC/IN-3-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	⅜	1⅛	2	R-22
TAYTXVH0G3C	4-5 Ton	⅜	1⅛	2	R-22



**Table AC/IN-3-E — R-410A Heat Pump Non-Bleed TXV Kits (also for cooling) - Dual direction flow**

Model Number	Used With HP/AC Units	Liquid Line Connection Dia. I.D. (In.)	Gas Line Connection Dia. I.D. (In.)	Shipping Weight (lbs.)	Refrigerant
4AYTXVH3A1830A	1½-2½ Ton	⅝ <sub>16</sub> ①	¾②	2	R-410A
4AYTXVH3A3654A	3-4 Ton	⅜	⅞③	2	R-410A
4AYTXVH3A6060A	5 Ton	⅜	⅞	2	R-410A

- ① 1 1/2 ton requires 1/4" liquid line; reducer fittings provided.
- ② 1 1/2 ton requires 1/2" suction line, 2 ton requires 5/8; reducer fittings provided.
- ③ 3 & 3 1/2 ton requires 3/4" suction line; reducer fitting provided.

\* Used with TXH coils only where approved for use with 2 compressor systems.

**Notes:**

- Use in place of FCCV (Above) on air handlers and coils
- Match TXV kit size to outdoor nominal cooling capacity
- Braze field connections

# Equipment Date Identification

## 1980 – 2009

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..... **M124X04CF**  
 Fiscal week of manufacture..... Second and third digit ..... **M124X04CF**  
 Day of week of manufacture..... Fourth digit ..... **M124X04CF**  
 Consecutive order of production ..... Last Five digits ..... **M124X04CF**

**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	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>	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	1997	M	97	2014	14	—
1981	T	M	1998	N	98	2015	15	—
1982	U	N	1999	P	99	2016	16	—
1983	W	9	2000	R	—	2017	17	—
1984	X	Q	2001	Z	—	2018	18	—
1985	Y	85	2002	2	—	2019	19	—
1986	S	86	2003	3	—			
1987	B	87	2004	4	—			
1988	C	88	2005	5	—			
1989	D	89	2006	6	—			
1990	E	90	2007	7	—			
1991	F	91	2008	8	—			
1992	G	92	2009	9 or 09	—			
1993	H	93	2010	10	—			
1994	J	94	2011	11	—			
1995	K	95	2012	12	—			
1996	L	96	2013	13	—			

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. 2010**

Digit	Description	Current Digit Value Options
1 <sup>ST</sup>	Second to Last integer of the current calendar year	1 through 9 and blank space, Blank Space used when 0 (zero)
2 <sup>ND</sup>	Last integer of the current calendar year	0 through 9
3 <sup>RD</sup>	Fiscal Week (Tens numeral)	0 through 5
4 <sup>TH</sup>	Fiscal Week (Units numeral)	0 through 9
5 <sup>TH</sup>	Day of the Week	1 through 7
6 <sup>TH</sup>	Time Stamp	A through Z and 0 through 9, excluding I, O, Q, V, Y, and Z
7 <sup>TH</sup>	Time Stamp	A through Z and 0 through 9, excluding I, O, Q, V, Y, and Z
8 <sup>TH</sup>	Time Stamp	A through Z and 0 through 9, excluding I, O, Q, V, Y, and Z
9 <sup>TH</sup>	Assembly Line Designator	A through Z and 0 through 9, excluding I, O, Q, V, Y, and Z
10 <sup>TH</sup>	Plant Code	A, D, F, G, H, V, Y, X

Plant Codes: (starting around 1995)
A = Monterrey
D = Springhill, LA (used to be the last character of a 10 digit serial on Ft. Smith products when they were sold commercially back in the late 1980's)
F = Tyler, TX
G = Trenton, NJ
H = Ft. Smith, AR
L = Lynn Haven, FL
V = Vidalia, GA
X = Sourced products



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HEATING & AIR CONDITIONING

## Refrigerant Line Sets

Table AC/IN-5-A — Refrigerant Line Sets

Model Number	Gas Line <sup>①②</sup> Dia. O.D.	Liquid Line Dia. O.D.	Length	Shipping Weight
TAYREFLN325	7/8	3/8	25	20
TAYREFLN330	7/8	3/8	30	24
TAYREFLN340	7/8	3/8	40	30
TAYREFLN350	7/8	3/8	50	39
TAYREFLN725	3/4	3/8	25	19
TAYREFLN730	3/4	3/8	30	22
TAYREFLN740	3/4	3/8	40	28
TAYREFLN750	3/4	3/8	50	35
TAYREFLN950	5/8	3/8	50	30

① Gas line 90° bend one end.

② Gas line insulation 3/4" thickness.

**Note:** Contains a holding charge of Nitrogen.

Read Only

# Refrigerant HFC 410A (R-410A)

Tables contain **no allowances** for vertical lift!

**Table AC/IN-6-A — Liquid Line Selection Table for R-410A Single Speed Systems**

Maximum Allowable Liquid Line Pressure Drop ..... =

Subtract .43 PSI for each foot of Liquid Lift (if any).....

Do Not Exceed this value when selecting Liquid Line.....

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	—	—	—	—	—
	24000	15.4	30.8	46.2	—	—	—	—	—	—	—	—	—
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	—	—	—	—
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
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

- Note 1: A blank space indicates a pressure drop of over 50 PSI.
- Note 2: Other existing sources of pressure drop, (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).
- Note 5: It is recommended to place units where 1/2" liquid line is not required due to the increased refrigerant volume imposed by the larger liquid line.
- Note 6: At the time this manual was printed all outdoor units were rated with 3/8" liquid line.

**Table AC/IN-6-B — Allowable Vapor Line Diameters and BTUH Loss (R-410A Single Speed Systems)**

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
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 <sup>③</sup>	.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

- Note 1: Shaded value indicates more than 10% capacity loss.
- Note 2: Blank space indicates more than 15% capacity loss.
- Note 3: Only approved for cooling units, do not use 1 1/8" vapor lines on heat pumps less than 5 ton.
- Note 4: If linear length exceeds 150 feet, add 2 ounces of approved compressor oil per every 10 feet in excess of 150 feet. (Example: if the actual line length is 170 feet, add 4 ounces of oil to the system)

**This page contains limited data 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.**

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

# Refrigerant Piping Information for Two Stage Split Systems

**Table AC/IN-7-A — Allowable Vapor and Liquid Line Diameters for Two Stage, Single Compressor Split Systems**

Rated Line Sizes	Line Sizes		Service Valve Connection Size		Max Line & Lift Lengths	
	Vapor Line	Liquid Line	Vapor Line Connection	Liquid Line Connection	TOTAL Max Line Length (ft)	Max Lift (ft)
2 Ton HP	5/8"	3/8"	5/8"	3/8"	150'	50'
3 Ton HP	3/4"	3/8"	3/4"	3/8"	80'	25'
4 Ton HP	7/8"	3/8"	7/8"	3/8"	150'	50'
5 Ton HP	1-1/8"	3/8"	1-1/8"	3/8"	80'	25'

Alternate Line Sizes	Line Sizes		Service Valve Connection Size		Max Line & Lift Lengths	
	Vapor Line	Liquid Line	Vapor Line Connection	Liquid Line Connection	TOTAL Max Line Length (ft)	Max Lift (ft)
2 Ton HP	5/8"	3/8"	5/8"	3/8"	150'	50'
	3/4"	3/8"			80'	25'
3 Ton HP	5/8"	3/8"	3/4"	3/8"	150'	50'
	7/8"	3/8"			80'	25'
4 Ton HP	3/4"	3/8"	7/8"	3/8"	150'	50'
5 Ton HP	3/4"	3/8"	1-1/8"	3/8"	150'	50'
	7/8"	3/8"			150'	50'

Rated Line Sizes	Line Sizes		Service Valve Connection Size		Max Line & Lift Lengths	
	Vapor Line	Liquid Line	Vapor Line Connection	Liquid Line Connection	TOTAL Max Line Length (ft)	Max Lift (ft)
2 Ton AC	5/8", 3/4"	3/8"	5/8"	3/8"	150'	50'
3 Ton AC	5/8", 3/4", 7/8"	3/8"	3/4"	3/8"	150'	50'
4 Ton AC	3/4", 7/8"	3/8"	7/8"	3/8"	150'	50'
5 Ton AC	3/4", 7/8", 1-1/8"	3/8"	1-1/8"	3/8"	150'	50'

See Application Bulletin SS-APB011-EN

**Table AC/IN-7-B — Equivalent Length (Ft.) of Non-Ferrous Valves and Fittings (Brazed)**

O.D. Tube Size (Inches)	Globe Valve	Angle Valve	Short Radius Ell	Long Radius Ell	Tee Line Flow	Tee Branch Flow
1/2"	70	24	4.7	3.2	1.7	6.6
5/8	72	25	5.7	3.9	2.3	8.2
3/4	75	25	6.5	4.5	2.9	9.7
7/8	78	28	7.8	5.3	3.7	12.0
1-1/8	87	29	2.7	1.9	2.5	8.0
1-3/8	102	33	3.2	2.2	2.7	10.0
1-5/8	115	34	3.8	2.6	3.0	12.0

Information for this chart extracted by permission from A.R.I. Refrigerant Piping Data, page 28.

\* For smaller sizes, use 1/2" values.

**This page contains limited data to fully determine if the application will work or to select required accessories. Please refer to publication SS-APG006-EN for complete details and examples.**

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

# Split Systems with Variable Speed Compressor

## Subcooling Charging

### Subcooling Charging in Cooling Above 55°F Outdoor Ambient Temperature

The manufacturer has always recommended installing American Standard approved matched indoor and outdoor systems.

All split systems are AHRI rated with TXV or EEV indoor systems.

The benefits of installing approved indoor and outdoor split systems are maximum efficiency, optimum performance and the best overall reliability.

The following charging methods are therefore prescribed for systems with indoor TXVs or EEVs.

1. Subcooling (in the cooling mode) is the only recommended method of charging between 55° and 120° ambient temperatures.
2. When charging for ambient temperatures above 120°, charge to 10° subcooling. It is important to return when outdoor ambient temperature is between 55° and 120° to verify system charge per these instructions.
3. For best results—the indoor temperature should be kept between 70 ° to 80°. Add system heat if needed.
4. Locate the designated subcooling target from the unit nameplate.
5. Run the system using the Charging Mode-Cooling test mode found in the 950 control. This is the only approved method for setting the system charge level. To access Charge Mode-Cooling from the 950 control home screen go to:
  - ▶ Menu
  - ▶ Service
  - ▶ Technician Access (hold for 5 seconds)
  - ▶ Proceed
  - ▶ Test Mode
  - ▶ Variable Speed
  - ▶ Charging Mode-Cooling and follow the on-screen prompts. Charging Mode-Cooling and follow the on-screen prompts.
6. At startup, or any time charge is removed or added, the system must be operated for a minimum of (20) minutes to stabilize before accurate measurements can be made.
7. Measure Liquid Line Temperature and Refrigerant Pressure at service valves.
8. Determine total refrigerant line length, and height (lift) if indoor section is above the condenser. Follow the Subcool Charging Corrections Table to calculate additional subcooling target value.
9. Locate your liquid line temperature in the left column of the table, and the intersecting liquid line gage pressure under the subcool selection column. Add refrigerant to raise the pressure to match the table, or remove refrigerant to lower the pressure. Always wait (20) minutes for the system conditions to stabilize before adjusting charge again.
10. When system is correctly charged, you can refer to System Pressure Curves to verify typical performance.

Table AC/IN-8-A — 024 Units

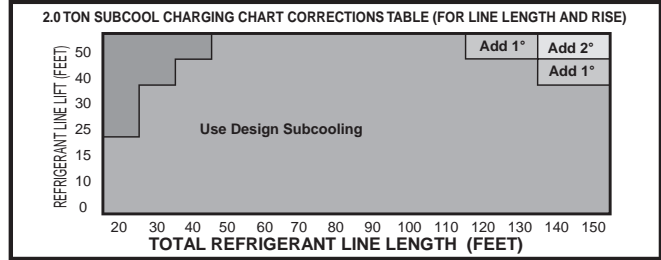


Table AC/IN-8-B — 036 Units

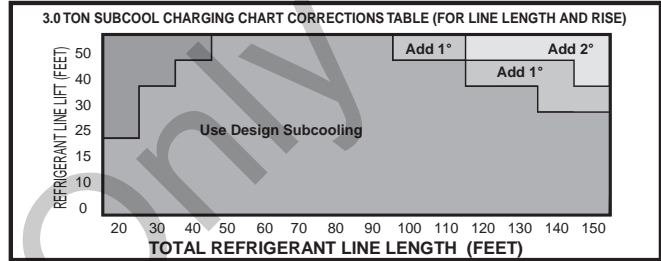


Table AC/IN-8-C — 048 Units

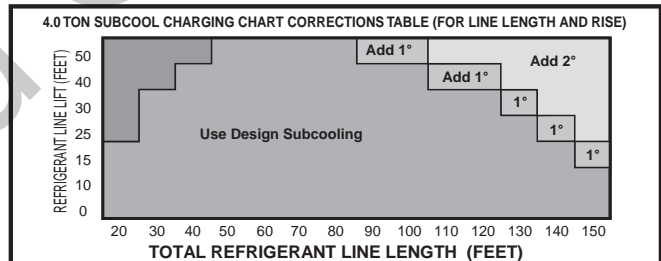
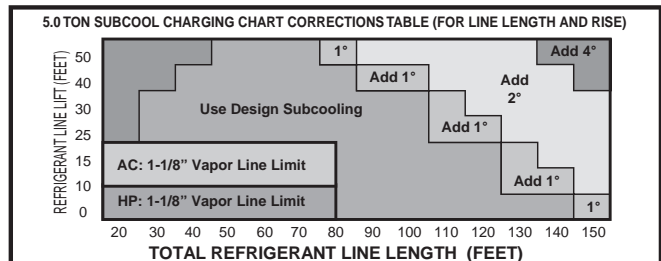


Table AC/IN-8-D — 060 Units



NOTE: 150 ft. length is approved ONLY with 7/8" vapor lines.

# Split Systems with Variable Speed Compressor

## B. Weigh-in Method

Weigh-in Method can be used for the initial installation or anytime a system charge is being replaced. Weigh-In Method can also be used when power to the equipment is not available or operation conditions (indoor/outdoor temperatures) are not in range to verify with the subcooling charging method. (Tables 15-17 assume 3/8" Liquid Line.)

**Table AC/IN-9-A**

18 SEER HEAT PUMPS			
A	B	C	D
Model	Factory Charge	Charge Adder for Indoor Coil	Charge Multiplier for Interconnecting Refrigerant Tube Length
024	7lb, 6oz	6oz	0.6oz per foot
036	8lb, 3oz	8oz	0.6oz per foot
037	9lb, 8oz	12oz	0.6oz per foot
048	9lb, 13oz	13oz	0.6oz per foot
049	10lb, 12oz	15oz	0.6oz per foot
060	11lb, 14oz	1lb, 2oz	0.6oz per foot

**Table AC/IN-9-B**

20 SEER HEAT PUMPS			
A	B	C	D
Model	Factory Charge	Charge Adder for Indoor Coil	Charge Multiplier for Interconnecting Refrigerant Tube Length
024	7lb, 6oz	6oz	0.6oz per foot
036	9lb, 8oz	12oz	0.6oz per foot
048	10lb, 12oz	15oz	0.6oz per foot
060	11lb, 14oz	1lb, 2oz	0.6oz per foot

Note: The only mode approved for setting or validating system charge is using Charging Mode-Cooling. Charging Mode-Cooling is a variable speed test mode found in the 950/850 comfort control Technician Menu. Outdoor Temperature must be between 55°F and 120°F with Indoor Temperature kept between 70°F and 80°F.

**Table AC/IN-9-C**

18 & 20 SEER AIR CONDITIONERS			
A	B	C	D
Model	Factory Charge	Charge Adder for Indoor Coil	Charge Multiplier for Interconnecting Refrigerant Tube Length
024	7lb, 6oz	6oz	0.6oz per foot
036	7lb, 14oz	7oz	0.6oz per foot
048	11lb, 1oz	1lb, 0oz	0.6oz per foot
060	11lb, 14oz	1lb, 2oz	0.6oz per foot

STEP 1 - Measure in feet and record the distance between the outdoor unit and the indoor unit. Include the entire length of the tubing from the service valve to the IDU.  
 STEP 2 - Record the Charge Multiplier from Column D.  
 STEP 3 - Multiply the total length of refrigerant tubing from Step 1 times the value from Step 2. Record the result.  
 STEP 4 - Locate the outdoor equipment size from Column A of the appropriate table above and record the value found in Column C.  
 STEP 5 - Add the values from Step 3 and Step 4 and record the resulting value. This is the amount of refrigerant to weigh-in prior to opening the service valves.

**New Installation Weigh-In Method Worksheet**

(Step 1) Line Length (ft) \_\_\_\_\_  
 (Step 2) Value from Column D      x \_\_\_\_\_  
 (Step 3) Step 1 times Step 2      = \_\_\_\_\_  
 (Step 4) Charge Adder (column C)    + \_\_\_\_\_  
 (Step 5) Refrigerant (Steps 3+4)    = \_\_\_\_\_

STEP 1 - Measure in feet and record the distance between the outdoor unit and the indoor unit. Include the entire length of the tubing from the service valve to the IDU.  
 STEP 2 - Record the Charge Multiplier from Column D.  
 STEP 3 - Multiply the total length of refrigerant tubing from Step 1 times the value from Step 2. Record the result.  
 STEP 4 - Locate the outdoor equipment size from Column A of the appropriate table above and record the value found in Column C.  
 STEP 5 - Record the value in Column B.  
 STEP 6 - Add the values from Step 3, Step 4 and Step 5 and record the resulting value. This is the amount of refrigerant to weigh-in.

**Sealed-System Weigh-In Method Worksheet**

(Step 1) Line Length (ft) \_\_\_\_\_  
 (Step 2) Value from Column D      x \_\_\_\_\_  
 (Step 3) Step 1 times Step 2      = \_\_\_\_\_  
 (Step 4) Charge Adder (column C)    + \_\_\_\_\_  
 (Step 5) Factory Charge (column B)    + \_\_\_\_\_  
 (Step 6) Refrigerant (Steps 3+4+5) = \_\_\_\_\_

# Split Systems with Variable Speed Compressor

**Table AC/IN-10-A — Charge Chart**

R-410A REFRIGERANT CHARGING CHART							
LIQUID TEMP (°F)	DESIGN SUBCOOLING (°F)						
	8	9	10	11	12	13	14
	LIQUID GAGE PRESSURE (PSI)						
55	179	182	185	188	191	195	198
60	195	198	201	204	208	211	215
65	211	215	218	222	225	229	232
70	229	232	236	240	243	247	251
75	247	251	255	259	263	267	271
80	267	271	275	279	283	287	291
85	287	291	296	300	304	309	313
90	309	313	318	322	327	331	336
95	331	336	341	346	351	355	360
100	355	360	365	370	376	381	386
105	381	386	391	396	402	407	413
110	407	413	418	424	429	435	441
115	435	441	446	452	458	464	470
120	464	470	476	482	488	495	501
125	495	501	507	514	520	527	533

Refer to Service Facts or Installer's Guide for charging method.

From Dwg. D154557P01 Rev. 3

**Table AC/IN-10-B — Line Sizes Rated Line Sizes**

MODEL	RATED LINE SIZE		SERVICE VALVE CONNECTION SIZE	
	Vapor Line	Liquid Line	Vapor Line	Liquid Line
HP 4A6V				
HP 024	5/8" (a)	3/8"	5/8"	3/8"
HP 036	3/4" (a)	3/8"	3/4"	3/8"
HP 037	3/4" (a)	3/8"	3/4"	3/8"
HP 048	7/8" (a)	3/8"	7/8"	3/8"
HP 049	7/8" (a)	3/8"	7/8"	3/8"
HP 060	1-1/8"(b)	3/8"	7/8"	3/8"
AC 4A7V				
AC 024	5/8" (a)	3/8"	5/8"	3/8"
AC 036	3/4" (a)	3/8"	3/4"	3/8"
AC 048	7/8"(a)	3/8"	7/8"	3/8"
AC 060	1-1/8"(c)	3/8"	7/8"	3/8"

- (a) The maximum length of refrigerant lines from outdoor to indoor unit must NOT exceed 150 feet. The maximum vertical change must NOT exceed 50 feet.
- (b) The maximum length of refrigerant lines from outdoor to indoor unit must NOT exceed 80 feet. The maximum vertical change must NOT exceed 10 feet.
- (c) The maximum length of refrigerant lines from outdoor to indoor unit must NOT exceed 80 feet. The maximum vertical change must NOT exceed 25 feet.

**Table AC/IN-10-C — Alternate Line Sizes**

MODEL	LINE SIZE		SERVICE VALVE CONNECTION SIZE	
	Vapor Line	Liquid Line	Vapor Line	Liquid Line
HP 4A6V				
HP 024	3/4" (a)	5/16" (d)	5/8"	3/8"
HP 036	5/8" (a)	5/16" (d)	3/4"	3/8"
	7/8" (c)	5/16" (d)	3/4"	3/8"
HP 037	5/8" (a)	5/16" (d)	3/4"	3/8"
	7/8" (c)	5/16" (d)	3/4"	3/8"
HP 048	3/4" (a)	3/8"	7/8"	3/8"
HP 049	3/4" (a)	3/8"	7/8"	3/8"
HP 060	3/4" (a)	3/8"	7/8"	3/8"
	7/8" (a)	3/8"	7/8"	3/8"
AC 4A7V				
AC 024	3/4" (a)	5/16"	5/8"	3/8"
AC 036	5/8" (a)	5/16"	3/4"	3/8"
	7/8" (c)	5/16"	3/4"	3/8"
AC 048	3/4" (a)	3/8"	7/8"	3/8"
AC 060	3/4" (a)	3/8"	7/8"	3/8"
	7/8" (a)	3/8"	7/8"	3/8"

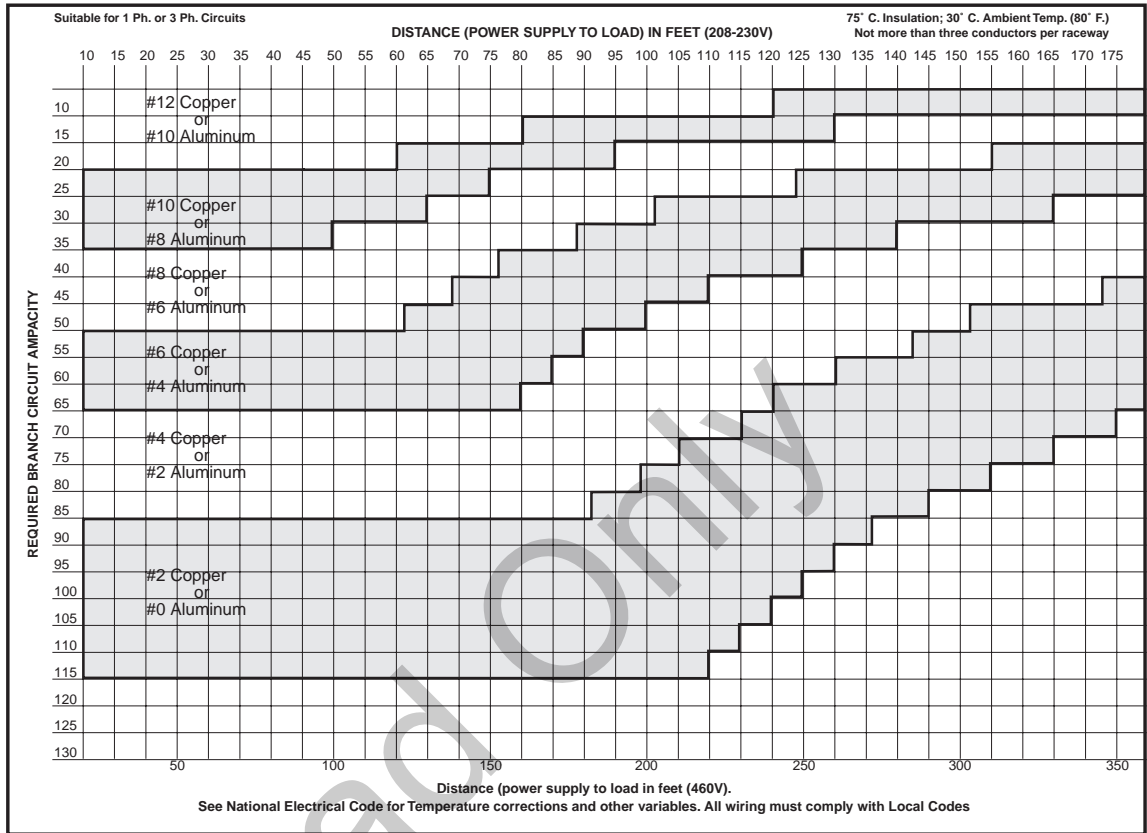
- (a) The maximum length of refrigerant lines from outdoor to indoor unit must NOT exceed 150 feet. The maximum vertical change must NOT exceed 50 feet.
- (b) The maximum length of refrigerant lines from outdoor to indoor unit must NOT exceed 80 feet. The maximum vertical change must NOT exceed 10 feet.
- (c) The maximum length of refrigerant lines from outdoor to indoor unit must NOT exceed 80 feet. The maximum vertical change must NOT exceed 25 feet.
- (d) If using 5/16", the change adder is 0.0270 lbs/ft (0.43 oz/ft).

# Branch Circuit Wire Sizing Table/ Heater De-Rating Chart

## BRANCH CIRCUIT WIRE SIZING TABLE

(Based on 2% Voltage Drop)

Chart is based on 75° C. wire. (Types FEPW, RH, RHW, THW, THWN, XHHW, USE, AND ZW.)  
 Use Chart For Wire Sizing Only. Refer To Electrical Code, (Or Product Specs.) For Fuse Sizing

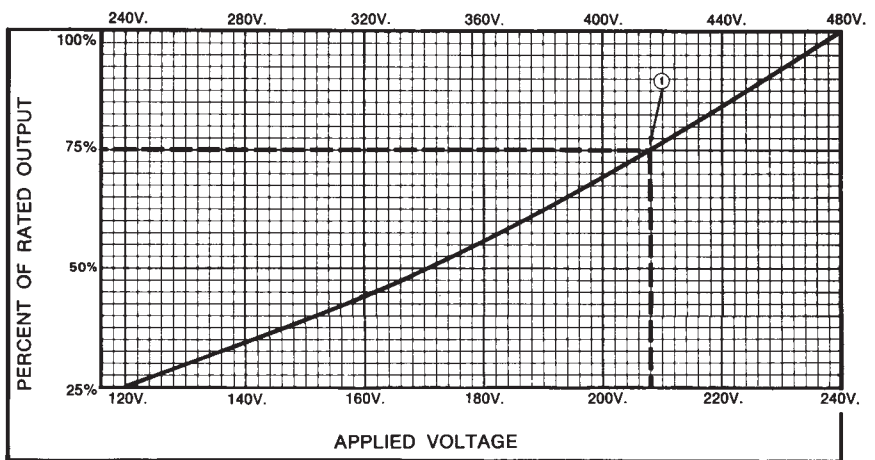


## Heater De-Rating Chart

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.

$$\frac{29,200 \text{ BTUH}}{.75} = 39,000 \text{ BTUH} \quad \left\{ \begin{array}{l} \text{Select a heater having AT LEAST 39,000 BTUH} \\ \text{capacity at 240V.} \end{array} \right.$$

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.



# 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. $T_1 = t_1 + \frac{CFM_O}{CFM_T} \times (t_2 - t_1) = \text{°F.D.B.} \text{ ①}$ 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. $T_1 = t_1 - \frac{CFM_O}{CFM_T} \times (t_1 - t_2) = \text{°F.D.B.} \text{ ②}$ 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 $CFM_T = \frac{H_S (\text{internal}) \text{ ③}}{1.08 \times (t_1 - T_2)} = \text{CFM}$ 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. $\left( \begin{matrix} \text{Make up} \\ \text{Moisture} \end{matrix} \right) = \frac{\text{Excess Latent Capacity of System} \times \% \text{ Run Time}}{1060 \text{ Btu/lb.}} = \text{lbs./hr.}$ (Industrial Process Work)	24. $\left( \begin{matrix} \text{Make up} \\ \text{Moisture} \end{matrix} \right) = \frac{H_L \text{ loss Btuh (see #22)}}{1060 \text{ Btu/lb.}} = \text{lbs./hr.}$

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> <p><math>4.5 = \frac{60 \text{ min./hr.}}{13.33}</math> or <math>60 \times .075</math></p> <p>Where 13.33 is the specific volume of standard air (cu.ft./lb.) and .075 is the density (lbs./cu.ft.)</p> <p><math>1.08 = \frac{.24 \times 60}{13.33}</math> or <math>.24 \times 4.5</math></p> <p>.24 BTU = specific heat of standard air (BTU/LB/°F)</p> <p><math>.68 = \frac{60}{13.33} \times \frac{1060}{7000}</math> or <math>4.5 \times \frac{1060}{7000}</math></p> <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 and Heating Models

**Table AC/IN-13-A — Low Ambient Accessories Cooling Models**

Low Ambient Accessory For American Standard Residential Cooling Units												
Cooling Unit	55°F	30°F to 55°F			0°F to 30°F or 20°F to 30°F - Please Reference Lowest Approved Outdoor Operating Temperature per Model Family Table							
	As Manufactured	AY28X079	TXV-NB	CCHT	BAYLOAM103*	BAYLOAM107A*	AY28X079	TXV-NB	Start Kit	Compressor Crankcase Heater	Windshield	Liquid Line Solenoid Valve
4A7C3 ①	X	X	X	X	X		X	X	N/A	X	X	X
4A7C4 4A7C7	X	X	X	X	X		X	X	N/A	X	X	X
4A7A3	X	X	X	X	X		X	X	X	X	X	X
4A7A4-L	X	X	X	X	X		X	X	X	X	X	X
4A7L6 ②	X	X	X	X		X	X	X	X	X	X	X
4A7A6-J 4A7A7	X	X	X	X	X		X	X	X	X	X	X
4A7V8	X	NOT APPROVED										
4A7V00	X	NOT APPROVED										

**Table AC/IN-13-B - Low Ambient Accessories Heating Models**

Low Ambient Accessory For American Standard Residential Heat Pump Units Operating in Cooling												
Heat Pump Unit	55°F	30°F to 55°F			0°F to 30°F or 20°F to 30°F - Please Reference Lowest Approved Outdoor Operating Temperature per Model Family Table							
	As Manufactured	AY28X079	TXV-NB	CCHT	BAYLOAM103*	BAYLOAM107A*	AY28X084	TXV-NB	Start Kit	Compressor Crankcase Heater	Windshield	Liquid Line Solenoid Valve
4A6C4 ①	X	X	X	X		X	X	X	N/A	X	X	
4A6C7	X	X	X	X		X	X	X	N/A	X	X	
4A6H4 4A6H5	X	X	X	X		X	X	X	X	X	X	
4A6H6-H	X	X	X	X		X	X	X	X	X	X	
4A6L6 ①	X	X	X	X		X	X	X	X	X	X	
4A6H7	X	X	X	X		X	X	X	X	X	X	
4A6V8	X	NOT APPROVED										
4A6V00	X	NOT APPROVED										

Charts are for quick reference only. For complete application guidelines, consult the specific SSC-APG\*\*\*

- ① Reference AMSSP-APG001-EN for complete Low Ambient Guidelines
  - ② Reference SSC-APG014A-EN for Side Discharge Low Ambient Application Guidelines
- Reference SSC-APG012A-EN for complete Low Ambient Guidelines

\* **DO NOT Apply BAYLOAM103/107 to model tonnages with variable speed condenser fan motors**  
 \* If Defrost Control is CNT07255, CNT07482 use BAYLOAM107

**Table AC/IN-13-C — Lowest Approved Outdoor Operating Temperature for Cooling Operation per Model Family Table**

Model Family	Lowest Approved Outdoor Ambient	
	AC	HP
4A7V8 / 4A6V8 / 4A7V00 / 4A6V00	55°F	55°F
4A7C3	0°F	0°F
4A7C4 / 4A6C4 / 4A7C7 / 4A6C7	20°F	10°F
4A7A3	0°F	0°F
4A7A4 / 4A6H4 / 4A6H5	20°F	10°F
4A7A6 / 4A6H6 ** / 4A7L6 / 4A6L6	20°F	10°F
4A7A7 / 4A6H7	20°F	10°F

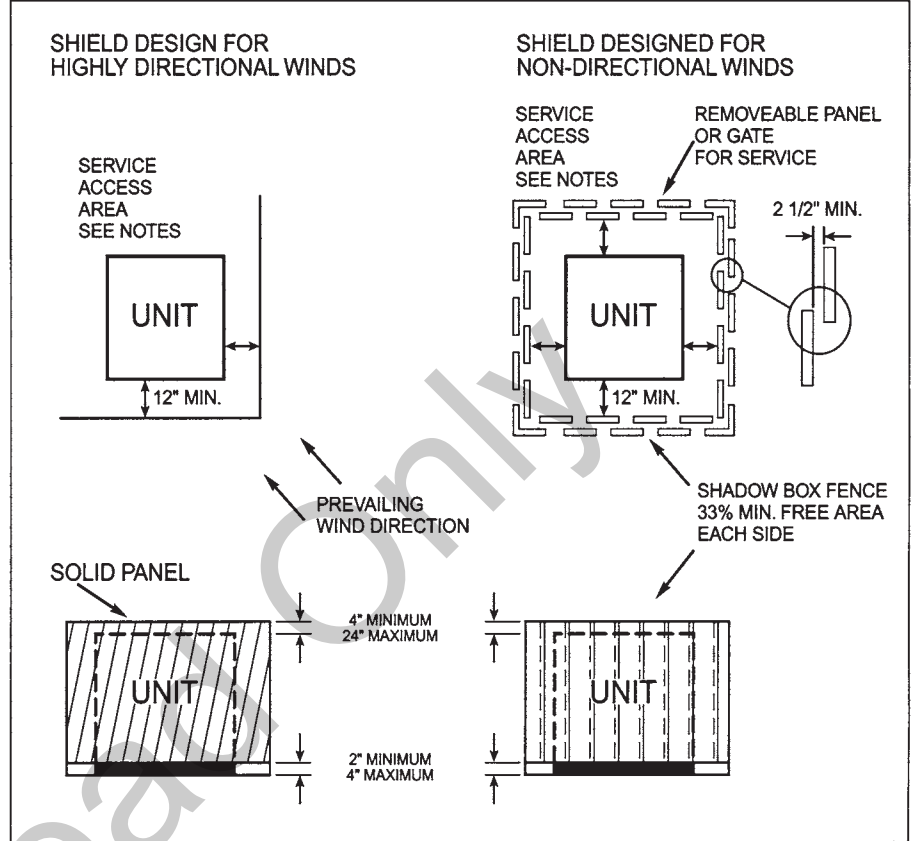
\*\* Models with variable speed condenser motors are approved to 30°F

**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.

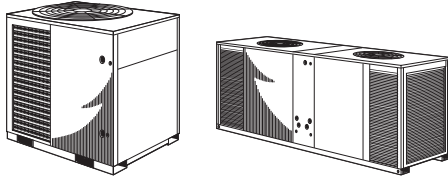


**Notes:**

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 2006 Edition of the National Electric Code, Article 110 for the most up to date information, please refer to the most current National Electric Code.

**For a detailed Application Bulletin on required accessories and wind shields for low outdoor ambient operation, please contact your Territory Manager or Local FSR.**

# Split System Cooling Three Phase – 6-25 Tons, R-410A



**TTA – 6-25 Tons**

- ReliaTel™ controls option
- (1) Scroll compressor (TTA073-120G)
- (2) Scroll compressors (TTA073H-240H) with independent refrigerant circuits
- (2) Manifolder scroll compressors (TTA120J, 180F-300J)
- Single point power
- Compressor motor overload protection
- Compressor discharge temperature limit switch
- Control transformer
- High and low pressure cut-out switches
- Liquid line filter drier, factory installed
- Service valves with pressure taps
- Electrical phase reversal protection
- Internal pressure relief valves
- Holding charge (Dry Nitrogen)
- All Aluminum microchannel coil
- Low ambient cooling to 50°F as shipped
- Low ambient cooling to 0°F with accessory head pressure control
- Mounting/lifting rails under base
- UL listed
- **5-year compressor warranty**
- **1-year limited parts warranty**
- **Optional Extended Warranties**

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

**Compressor Type**

- G = Single Compressor/Single Refrigerant Circuit, R-410A
- H = Dual Compressor/Dual Refrigerant Circuit, R-410A
- J = Dual Compressor/Single Manifolder Refrigerant Circuit, R-410A

**Factory-Installed Options**

- 00 = Packed Stock
- 0S = Complete Coat Coated Coil
- 0R = ReliaTel™ Controls
- 0T = ReliaTel™ Controls and Complete Coat Coated Coil

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

**Compressor Type**

- G = Single Compressor/Single Refrigerant Circuit, R-410A
- H = Dual Compressor/Dual Refrigerant Circuit, R-410A
- J = Dual Compressor/Single Manifolder Refrigerant Circuit, R-410A

**Factory-Installed Options**

- H0 = Hail Guard
- HS = Hail Guard and Complete Coat Coated Coil
- HR = Hail Guard and ReliaTel™ Controls
- HT = Hail Guard and ReliaTel™ Controls with Complete Coat Coated Coil

**Table LSC-1-A — TTA Split System Cooling — Single Compressor — R-410 Refrigerant**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound <sup>①</sup> Rating	MCA*	Max. Fuse*	Line Size	
			H	W	L					OD Gas	OD Liq.
TTA073G300A	208-230/3/60	76,000	46	45	38	310	84	30.5	50	1 <sup>1</sup> / <sub>8</sub>	1/2
TTA090G300A	208-230/3/60	95,000	46	45	38	320	83	34.4	45	1 <sup>1</sup> / <sub>8</sub>	1/2
TTA120G300A	208-230/3/60	120,000	46	55	42	416	90	42.6	60	1 <sup>1</sup> / <sub>8</sub>	1/2
TTA073G400A	460/3/60	76,000	46	45	38	310	84	13	20	1 <sup>1</sup> / <sub>8</sub>	1/2
TTA090G400A	460/3/60	95,000	46	45	38	320	83	17.7	20	1 <sup>1</sup> / <sub>8</sub>	1/2
TTA120G400A	460/3/60	120,000	46	55	42	416	90	23.4	30	1 <sup>1</sup> / <sub>8</sub>	1/2
TTA073GW00A	575/3/60	76,000	46	45	38	310	84	10.5	15	1 <sup>1</sup> / <sub>8</sub>	1/2
TTA090GW00A	575/3/60	95,000	46	45	38	320	83	14.5	20	1 <sup>1</sup> / <sub>8</sub>	1/2
TTA120GW00A	575/3/60	120,000	46	55	42	416	90	17.5	25	1 <sup>1</sup> / <sub>8</sub>	1/2

**Table LSC-1-B — TTA Split System Cooling — Dual Compressors with Two Sets of Refrigerant Circuits — R-410 Refrigerant**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound <sup>①</sup> Rating	MCA*	Max. Fuse*	Line Size	
			H	W	L					OD Gas	OD Liq.
TTA090H300A	208-230/3/60	95,000	46	45	38	384	91	36	50	1 <sup>1</sup> / <sub>8</sub>	1/2
TTA120H300A	208-230/3/60	124,000	46	55	42	428	91	41	45	1 <sup>1</sup> / <sub>8</sub>	1/2
TTA150H300A	208-230/3/60	153,000	52	55	42	514	91	56	70	1 <sup>1</sup> / <sub>8</sub>	1/2
TTA180H300A	208-230/3/60	186,000	52	96	48	750	93	67	90	1 <sup>3</sup> / <sub>8</sub>	1/2
TTA240H300A	208-230/3/60	256,000	52	96	48	904	94	98	125	1 <sup>3</sup> / <sub>8</sub>	1/2
TTA090H400A	460/3/60	95,000	46	45	38	384	91	16.9	20	1 <sup>1</sup> / <sub>8</sub>	1/2
TTA120H400A	460/3/60	124,000	46	55	42	428	91	20.1	25	1 <sup>1</sup> / <sub>8</sub>	1/2
TTA150H400A	460/3/60	153,000	52	55	42	514	91	27	35	1 <sup>1</sup> / <sub>8</sub>	1/2
TTA180H400A	460/3/60	186,000	52	96	48	750	93	33	40	1 <sup>3</sup> / <sub>8</sub>	1/2
TTA240H400A	460/3/60	256,000	52	96	48	904	94	47	60	1 <sup>3</sup> / <sub>8</sub>	1/2
TTA090HW00A	575/3/60	95,000	46	45	38	384	91	12.2	15	1 <sup>1</sup> / <sub>8</sub>	1/2
TTA120HW00A	575/3/60	124,000	46	55	42	428	91	15.5	20	1 <sup>1</sup> / <sub>8</sub>	1/2
TTA150HW00A	575/3/60	153,000	52	55	42	514	91	20	25	1 <sup>1</sup> / <sub>8</sub>	1/2
TTA180HW00A	575/3/60	186,000	52	96	48	750	93	25	30	1 <sup>3</sup> / <sub>8</sub>	1/2
TTA240HW00A	575/3/60	256,000	52	96	48	904	94	39	50	1 <sup>3</sup> / <sub>8</sub>	1/2

① Sound rating show is tested in accordance with ARI Standard 270 or 370.

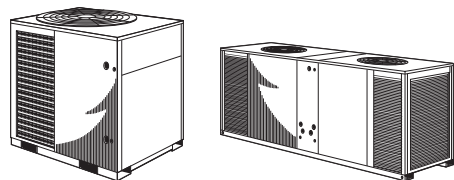
\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

BUILT TO A HIGHER STANDARD™

*American Standard*®

HEATING & AIR CONDITIONING

# Split System Cooling Three Phase – 6-25 Tons, R-22



TTA – 6-25 Tons

- ReliaTel™ controls option (Heat Pump only)
- Single point power
- Compressor motor overload protection
- Compressor discharge temperature limit switch
- Control transformer
- High and low pressure cut-out switches
- Liquid line filter drier, factory installed
- Service valves with pressure taps
- Electrical phase reversal protection
- Internal pressure relief valves
- Holding charge (Dry Nitrogen)
- Copper tube, aluminum plate fin coils
- Low ambient cooling to 50°F as shipped
- Low ambient cooling to 0°F with accessory head pressure control
- Mounting/lifting rails under base
- UL listed
- **1-year limited parts warranty**
- **Optional Extended Warranties**

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

**Compressor Type**—  
A=Single Compressor/Single Circuit R-22  
B=Dual Compressor/Dual Circuit R-22

**Factory-Installed Options**—  
00=ReliaTel™ Controls

**Table LSC-2-A — TTA Split System Heat Pumps - Single Compressors with Single Refrigerant Circuits - R-22 Refrigerant**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound <sup>①</sup> Rating	MCA*	Max. Fuse*	Line Size	
			H	W	L					OD Gas	OD Liq.
TTA090A300G	208-230/3/60	90,000	39	36	42	363	83	31.1	45	1 <sup>3</sup> / <sub>8</sub>	5 <sup>7</sup> / <sub>8</sub>
TTA120A300G	208-230/3/60	120,000	45	40	52	467	90	42.6	60	1 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>
TTA090A400G	460/3/60	90,000	39	36	42	363	83	15.2	25	1 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>
TTA120A400G	460/3/60	120,000	45	40	52	467	90	21.9	30	1 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>

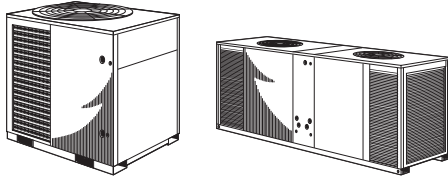
**Table LSC-2-B — TTA Split System Heat Pumps - Dual Compressors with Dual Refrigerant Circuits - R-22 Refrigerant**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound <sup>①</sup> Rating	MCA*	Max. Fuse*	Line Size	
			H	W	L					OD Gas	OD Liq.
TTA180B300G	208-230/3/60	180,000	46	45	95	850	93	60.4	80	1 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>
TTA240B300G	208-230/3/60	240,000	46	45	95	970	94	77.7	100	1 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>
TTA180B400G	460/3/60	180,000	46	45	95	850	93	29.5	40	1 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>
TTA240B400G	460/3/60	240,000	46	45	95	970	94	39.9	50	1 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>

① Sound rating show is tested in accordance with AHRI Standard 270 or 370.

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

# Split System Cooling Three Phase – 6-25 Tons, R-410A



**TTA – 6-25 Tons**

- ReliaTel™ controls option
- (1) Scroll compressor (TTA073G-120G)
- (2) Scroll compressors (TTA120H-300H) with independent refrigerant circuits
- (2) Manifolded scroll compressors (TTA120J, 180-240J)
- Single point power
- Compressor motor overload protection
- Compressor discharge temperature limit switch
- Control transformer
- High and low pressure cut-out switches
- Liquid line filter drier, factory installed
- Service valves with pressure taps
- Electrical phase reversal protection
- Internal pressure relief valves
- Holding charge (Dry Nitrogen)
- Copper tube, aluminum plate fin coils
- Low ambient cooling to 50°F as shipped
- Low ambient cooling to 0°F with accessory head pressure control
- Mounting/lifting rails under base
- UL listed
- **5-year compressor warranty**
- **1-year limited parts warranty**
- **Optional Extended Warranties**

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

**Compressor Type**

- G = Single Microchannel Compressor/Single Refrigerant Circuit, R-410A
- H = Dual Microchannel Compressor/Dual Refrigerant Circuit, R-410A
- J = Dual Microchannel Compressor/Single Manifolded Refrigerant Circuit, R-410A

**Factory-Installed Options**

- 00 = Packed Stock
- 0S = Complete Coat Coated Coil
- 0R = ReliaTel™ Controls
- 0T = ReliaTel™ Controls and Complete Coat Coated Coil

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

**Compressor Type**

- G = Single Compressor/Single Refrigerant Circuit, R-410A
- H = Dual Compressor/Dual Refrigerant Circuit, R-410A
- J = Dual Compressor/Single Manifolded Refrigerant Circuit, R-410A

**Factory-Installed Options**

- H0 = Hail Guard
- HS = Hail Guard and Complete Coat Coil
- HR = Hail Guard and ReliaTel™ Controls
- HT = Hail Guard and ReliaTel™ Controls with Complete Coat Coil

**Table LSC-3-A — TTA Split System Cooling — Dual Manifolded Compressors with Single Refrigerant Circuits — R-410 Refrigerant**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound <sup>①</sup> Rating	MCA*	Max. Fuse†	Line Size	
			H	W	L					Gas OD	Liq. OD
TTA120J300A	208-230/3/60	124,000	46	55	42	474	91	41	50	1 3/8	1/2
TTA180J300A	208-230/3/60	186,000	52	96	48	750	93	65	80	1 5/8	5/8
TTA240J300A	208-230/3/60	256,000	52	96	48	904	94	98	125	1 5/8	5/8
TTA300J300A	208-230/3/60	303,000	58	96	48	969	94	103	125	2 1/8	5/8
TTA120J400A	460/3/60	124,000	46	55	42	474	91	20	25	1 3/8	1/2
TTA180J400A	460/3/60	186,000	52	96	48	750	93	32	40	1 5/8	5/8
TTA240J400A	460/3/60	256,000	52	96	48	904	94	47	60	1 5/8	5/8
TTA300J400A	460/3/60	303,000	58	96	48	969	94	49	60	2 1/8	5/8
TTA120JW00A	575/3/60	124,000	46	55	42	474	91	15	20	1 3/8	1/2
TTA180JW00A	575/3/60	186,000	52	96	48	750	93	26	35	1 5/8	5/8
TTA240JW00A	575/3/60	256,000	52	96	48	904	94	39	50	1 5/8	5/8
TTA300JW00A	575/3/60	303,000	58	96	48	969	94	42	50	2 1/8	5/8

① Sound rating show is tested in accordance with ARI Standard 270 or 370.

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



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# Split System Cooling – R-410A Accessories Three Phase – 6-25 Tons

**Table LSC-4-A — R-410A Optional Accessories**

Model Number	Description	Used With
<b>Coil Guard</b>		
BAYGARD058A	Hail/Vandal Guard	TTA073G/H, TTA090G/H
BAYGARD059A	Hail/Vandal Guard	TTA120G/H/J
BAYGARD060A	Hail/Vandal Guard	TTA150H
BAYGARD061A	Hail/Vandal Guard	TTA180H/J, TTA240H/J
BAYGARD062A	Hail/Vandal Guard	TTA300J
<b>Hot Gas By-Pass</b>		
BAYHGBP010A	Universal Hot Gas Bypass Kit	TTA073G-TTA300J
<b>Isolators</b>		
BAYISLT004A	Rubber Isolator Floor (blue)	TTA073G/H-TTA090G/H
BAYISLT005A	Rubber Isolator Floor (black)	TTA120G/H/J
BAYISLT009A	Rubber Isolator Floor (red)	TTA150H, TTA180H/J
BAYISLT010A	Rubber Isolator Floor (green)	TTA240H/J, TTA300J
BAYISLT023A	Steel Spring Isolator Floor (red)	TTA073G, TTA090G, TTA120G, TTA073H, TTA090H
BAYISLT024A	Steel Spring Isolator Floor (black)	TTA120H/J, TTA150H, TTA180H/J
BAYISLT025A	Steel Spring Isolator Floor (yellow)	TTA240H/J, TTA300J
<b>Low Ambient</b>		
BAYLOAMU01A <sup>①②③④</sup>	On/Off Fan Control Mounted in External Enclosure (small cabinets)	TTA073-090 (all voltages)
BAYLOAMU02A <sup>②③④</sup>	On/Off Fan Control Mounted in Unit Control Box (large cabinets)	TTA120-300 (all voltages)
BAYLOAM335A <sup>③</sup>	Modulating ICM Head Pressure Control w/ 208-230V 0.5 HP Hi-Eff Motor (internal mount)	TTA073G3, TTA090G3
BAYLOAM336A <sup>③</sup>	Modulating ICM Head Pressure Control w/ 208-230V 1 HP Hi-Eff Motor (internal mount)	TTA120G3/H3/J3, TTA150H3, TTA180H3/J3, TTA240H3/J3, TTA300J3
BAYLOAM337A <sup>③</sup>	Modulating ICM Head Pressure Control w/ 208-230V 0.5 HP Hi-Eff Motor (internal mount)	TTA090H3, TTA073H3
BAYLOAM435A <sup>③</sup>	Modulating ICM Head Pressure Control w/ 460V 0.5 HP Hi-Eff Motor (internal mount)	TTA073G4, TTA090G4
BAYLOAM436A <sup>③</sup>	Modulating ICM Head Pressure Control w/ 460V 1.0 HP Hi-Eff Motor (internal mount)	TTA120G4/H4/J4, TTA150H4, TTA180H4/J4, TTA240H4/J4, TTA300J4
BAYLOAM437A <sup>③</sup>	Modulating ICM Head Pressure Control w/ 380-460V 0.5 HP Hi-Eff Motor (internal mount)	TTA073H4, TTA090H4
BAYLOAMW36A <sup>③</sup>	Modulating ICM Head Pressure Control w/ 575V 1.0 HP Hi-Eff Motor (internal mount)	TTA120GW/HW/JW, TTA150HW, TTA180HW/JW, TTA240HW/FW, TTA300JW
BAYLOTR001A <sup>⑤</sup>	Additional Pressure Transducer for ICM Head Pressure Control	TTA120H/J, TTA150H
<b>Time Delay Relay</b>		
BAYRLAY002	Time Delay Relay	TTA090G-TTA300J
<b>BACnet™ Communications Interface</b>		
BAYBCIR001A	BACnet (BCI-R) Communications Interface	All

① Kit mounts external to the outdoor unit and operates by sensing ambient and liquid line temperatures.

② Cycles fan on/off, (no modulating).

③ Quantity of 1 required for each fan (2 total for TTA/TWA180-300).

④ ReliaTel™ requires onboard EDC function to be disabled when Bayloam is used, remove OA sensor from terminal J8-1&2.

⑤ BAYLOTR001A required when modulating BAYLOAM kits used with units that have 2 compressors and 1 condenser fan.



# Split System Cooling

## Three Phase - 6-25 Tons

**Table LSC-5-A — ReliaTel™ Control Options**

Model Number	Description	Used With
ASYSTAT106A	Zone Sensor, Set Point, Fan System	TTA073-TTA300 with ReliaTel™ Controls
ASYSTAT107A	Zone Sensor, Set Point Adj, Fan, System, EH, LED	TTA073-TTA300
ASYSTAT108A	Zone Sensor, 2 Set Point, Fan System	TTA073-TTA300 with ReliaTel™ Controls
ASYSTAT109A	Zone Sensor, 2 Set Point Adj, Fan, System, EH, LED	TTA073-TTA300
ASYSTAT777A	Digital Programmable Zone Sensor with Night Setback	TTA073-TTA300 with ReliaTel™ Controls
BAYSENS050①	Wireless Zone Sensor	TTA073-TTA300 with ReliaTel™ Controls
BAYSENS073A	Room Sensor w/ Override and Cancel Button	TTA073-TTA300 with ReliaTel™ Controls
BAYSENS074A	Room Sensor w/ Temperature Adjustment and Override Button	TTA073-TTA300 with ReliaTel™ Controls
BAYSENS077A	Remote Sensor	ASYSTAT106A-ASYSTAT109A, ASYSTAT777A
BAYSENS110A	Dual Set Point w/ Manual/Auto Change Over	TTA073-TTA300 with ReliaTel™ Controls

**Table SC-5-B — Electromechanical Control Options**

Model Number	Description	Used With
ASYSTAT092A	2H/2C Touch Screen Digital Display Programmable Thermostat "Touch Screen"	All
ASYSTAT093A	3H/2C Digital Display Programmable Thermostat W/Humidity Sensor	All

① Kit comes with everything required for installation and operation.

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# 6 - 25 Tons with ReliaTel™ Controls TTA073-120G, TTA120-240H, TTA120-300J

## 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.

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:

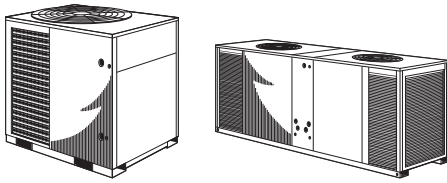
- Direct Digital Control (DDC) – Proportional Integral (PI) control is lost, equipment is controlled by a thermostat or generic building automation system device.
- Intelligent Fall back is lost, if a failure occurs in the device controlling the equipment, operation will cease.
- Installation is more costly, with the addition of a thermostat or generic control, the control wiring size must be increased.
- Remote Sensing capabilities are lost, unless generic control being applied can accomplish this.
- Space Temperature Averaging capabilities are lost, unless generic control being applied can accomplish this.
- 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.

① Denotes features lost from utilizing standard conventional stat.

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# Split System Heat Pumps Three Phase – 6-20 Tons, R-410A



**TWA – 6-20 Tons**

- ReliaTel™ controls (standard)
- (1) Scroll compressor (TWA073-120D)
- (2) Scroll compressors (TWA073-240E) with independent refrigerant circuits
- Single point power
- Compressor motor overload protection
- Compressor discharge temperature limit switch
- Control transformer
- High and low pressure cut-out switches
- Liquid line filter drier, factory installed
- Service valves with pressure taps
- Demand Defrost Control
- Internal pressure relief valves
- Electrical phase reversal protection
- Holding charge (Dry Nitrogen)
- Copper tube, aluminum plate fin coils
- Low ambient cooling to 50°F as shipped
- Low ambient cooling to 0°F with accessory head pressure control
- Mounting/lifting rails under base
- UL listed
- **5-year compressor warranty (TWA073D, TWA090D, TWA120D, TWA180E, TWA240E)**
- **1-year limited parts warranty**
- **Optional Extended Warranties**

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

**Compressor Type**

D = Single Compressor/Single Refrigerant Circuit, R-410A  
E = Dual Compressor/Dual Refrigerant Circuit, R-410A

**Factory-Installed Options**

OR = ReliaTel™ Controls  
OT = ReliaTel™ Controls and Black Epoxy Coated Coil

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

**Compressor Type**

D = Single Compressor/Single Refrigerant Circuit, R-410A  
E = Dual Compressor/Dual Refrigerant Circuit, R-410A

**Factory-Installed Options**

HR = Hail Guard and ReliaTel™ Controls  
HT = Hail Guard and ReliaTel™ Controls with Black Epoxy Coated Coil

**Table LSH-1-A — TWA Split System Heat Pumps — Single Compressors with Single Refrigerant Circuits — R-410 Refrigerant**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound <sup>①</sup> Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	L					OD Gas	OD Liq.
TWA073D30RA	208-230/3/60	78,000	39	36	42	382	84	31.1	40	1 1/8	1 1/2
TWA090D30RB	208-230/3/60	90,000	39	36	42	394	83	34.0	50	1 3/8	5/8
TWA120D30RB	208-230/3/60	120,000	45	40	52	496	90	47.0	70	1 3/8	1 1/2
TWA073D40RA	460/3/60	78,000	39	36	42	382	84	14.9	20	1 1/8	1 1/2
TWA090D40RB	460/3/60	90,000	39	36	42	394	83	18.0	30	1 3/8	5/8
TWA120D40RB	460/3/60	120,000	45	40	52	496	90	25.0	40	1 3/8	1 1/2
TWA073DW0RA	575/3/60	78,000	39	36	42	382	84	11.6	15	1 1/8	1 1/2
TWA090DW0RB	575/3/60	90,000	39	36	42	394	83	13.0	20	1 3/8	5/8
TWA120DW0RB	575/3/60	120,000	45	40	52	496	90	22.0	35	1 3/8	1 1/2

**Table LSH-1-B — TWA Split System Heat Pumps — Dual Compressors with Two Sets of Refrigerant Circuits — R-410 Refrigerant**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound <sup>①</sup> Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	L					OD Gas	OD Liq.
TWA073E30RA	208-230/3/60	74,000	39	40	52	417	84	27.0	35	7/8	1 1/2
TWA090E30RA	208-230/3/60	90,000	39	40	52	470	83	33.0	45	1 1/8	1 1/2
TWA120E30RA	208-230/3/60	120,000	45	40	52	496	90	41.0	50	1 1/8	1 1/2
TWA180E30RA	208-230/3/60	180,000	46	45	95	898	93	66.3	80	1 3/8	1 1/2
TWA240E30RA	208-230/3/60	246,000	46	45	95	981	94	86.1	100	1 3/8	5/8
TWA073E40RA	430/3/60	74,000	39	40	52	417	84	15.0	20	7/8	1 1/2
TWA090E40RA	430/3/60	90,000	39	40	52	470	83	16.0	20	1 1/8	1 1/2
TWA120E40RA	430/3/60	120,000	45	40	52	496	90	20.0	25	1 1/8	1 1/2
TWA180E40RA	460/3/60	180,000	46	45	95	898	93	33.4	40	1 3/8	1 1/2
TWA240E40RA	460/3/60	246,000	46	45	95	981	94	45.5	50	1 3/8	5/8
TWA073EW0RA	575/3/60	74,000	39	40	52	417	84	10.0	15	7/8	1 1/2
TWA090EW0RA	575/3/60	90,000	39	40	52	470	83	12.0	15	1 1/8	1 1/2
TWA120EW0RA	575/3/60	120,000	45	40	52	496	90	15.0	20	1 1/8	1 1/2
TWA180EW0RA	575/3/60	180,000	46	45	95	898	93	27.4	30	1 3/8	1 1/2
TWA240EW0RA	575/3/60	246,000	46	45	95	981	94	34.8	40	1 3/8	5/8

① Sound rating show is tested in accordance with ARI Standard 270 or 370.

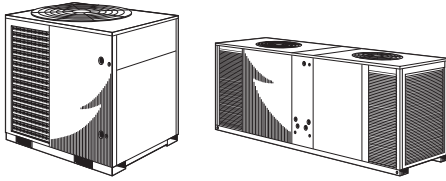
\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

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# Split System Heat Pumps Three Phase – 7.5-20 Tons, R-22



TWA – 7.5-20 Tons

- ReliaTel™ controls (standard)
- (1) Scroll compressor (TWA073-120A)
- (2) Scroll compressors (TWA180-240B) with independent refrigerant circuits
- Single point power
- Compressor motor overload protection
- Compressor discharge temperature limit switch
- Control transformer
- High and low pressure cut-out switches
- Liquid line filter drier, factory installed
- Service valves with pressure taps
- Demand Defrost Control
- Internal pressure relief valves
- Electrical phase reversal protection
- Holding charge (Dry Nitrogen)
- Copper tube, aluminum plate fin coils
- Low ambient cooling to 50°F as shipped
- Low ambient cooling to 0°F with accessory head pressure control
- Mounting/lifting rails under base
- UL listed

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

**Compressor Type**

- A = Single Compressor/Single Refrigerant Circuit, R-22
- B = Dual Compressor/Dual Refrigerant Circuit, R-22

**Factory-Installed Options**

- OR = ReliaTel™ Controls

**Table LSH-2-A — TWA Split System Heat Pumps - Single Compressors with Single Refrigerant Circuits - R-22 Refrigerant**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound <sup>Ⓢ</sup> Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	L					OD Gas	OD Liq.
TWA090A30RG	208-230/3/60	90,000	39	36	42	394	83	31.1	45	1 <sup>3</sup> / <sub>8</sub>	5 <sup>5</sup> / <sub>8</sub>
TWA120A30RG	208-230/3/60	120,000	45	40	52	509	90	42.6	60	1 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>
TWA090A40RG	460/3/60	90,000	39	36	42	394	83	15.2	25	1 <sup>3</sup> / <sub>8</sub>	5 <sup>5</sup> / <sub>8</sub>
TWA120A40RG	460/3/60	120,000	45	40	52	509	90	21.9	30	1 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>

**Table LSH-2-B — TWA Split System Heat Pumps - Dual Compressors with Dual Refrigerant Circuits - R-22 Refrigerant**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions(in.)			Shipping Weight (lbs.)	Sound <sup>Ⓢ</sup> Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	L					OD Gas	OD Liq.
TWA180B30RG	208-230/3/60	180,000	46	45	95	898	93	60.4	80	1 <sup>3</sup> / <sub>8</sub>	5 <sup>5</sup> / <sub>8</sub>
TWA240B30RG	208-230/3/60	240,000	46	45	95	981	94	77.7	100	1 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>
TWA180B40RG	460/3/60	180,000	46	45	95	898	93	29.5	40	1 <sup>3</sup> / <sub>8</sub>	5 <sup>5</sup> / <sub>8</sub>
TWA240B40RG	460/3/60	240,000	46	45	95	981	94	39.9	50	1 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>

Ⓢ Sound rating show is tested in accordance with AHRI Standard 270 or 370.

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

Light Commercial  
Split System Heat Pumps

# Split System Heat Pumps – Accessories

## Three Phase – 6-20 Tons, R-410A

Table LSH-3-A — R-410A Optional Accessories

Model Number	Description	Used With
<b>Coil Guard</b>		
BAYGARD058A	Hail/Vandal Guard	TWA 073D,090D
BAYGARD059A	Hail/Vandal Guard	TWA073E,030E
BAYGARD060A	Hail/Vandal Guard	TWA120D,120E
BAYGARD061A	Hail/Vandal Guard	TWA180E, 240E
<b>Isolators</b>		
BAYISLT005A	Rubber Isolator Floor (black)	TWA073D-TWA120D, TWA073E, TWA120E
BAYISLT009A	Rubber Isolator Floor (red)	TWA180E
BAYISLT010A	Rubber Isolator Floor (green)	TWA240E
BAYISLT023A	Steel Spring Isolator Floor (red)	TWA073D, TWA090D, TWA120D, TWA073E,120E
BAYISLT024A	Steel Spring Isolator Floor (black)	TWA180E
BAYISLT025A	Steel Spring Isolator Floor (yellow)	TWA240E
<b>Low Ambient</b>		
BAYLOAMU01A ①②③④	On/Off Fan Control Mounted in External Enclosure (small cabinets)	TWA073D-090D (all voltages)
BAYLOAMU02A②③④	On/Off Fan Control Mounted in Unit Control Box (large cabinets)	TWA120D-240E (all voltages), TWA073-120E (all voltages)
BAYLOAM335A③	Modulating ICM Head Pressure Control w/ 208-230V 0.5 HP Hi-Eff Motor (internal mount)	TWA073D, TWA090D3, TWA073E3, TWA090B3
BAYLOAM336A③	Modulating ICM Head Pressure Control w/ 208-230V 1 HP Hi-Eff Motor (internal mount)	TWA120D3, TWA120E3
BAYLOAM435A③	Modulating ICM Head Pressure Control w/ 460V 0.5 HP Hi-Eff Motor (internal mount)	TWA073D4, TWA090D4, TWA073E4, TWA070E4
BAYLOAM436A③	Modulating ICM Head Pressure Control w/ 460V 1.0 HP Hi-Eff Motor (internal mount)	TWA120D4/E4-TWA240E4
BAYLOAMW36A③	Modulating ICM Head Pressure Control w/ 575V 1.0 HP Hi-Eff Motor (internal mount)	TWA120DW/EW-TWA240EW
BAYLOTR001A	Transducer Kit for Head Pressure Control	BAYLOAM335,336,435,436,W36, TWA073E,TWA090E,TWA120E
<b>BACnet™ Communications Interface</b>		
BAYBCIR001A	BACnet (BCI-R) Communications Interface	All
<b>Time Delay Relay</b>		
BAYRLAY002	Time Delay Relay	TWA090D-TWA240E
BAYRLAY005	Heat Pump interlock relay	All TWA Units with BAYLOAM Application Requirements
<b>Wire Kit</b>		
BAYWRKT003A④	Heat Pump configuration wiring harness	TWA180E, TWA240E

① Kit mounts external to the outdoor unit and operates by sensing ambient and liquid line temperatures.

② Cycles fan on/off, (no modulating).

③ Quantity of 1 required for each fan (2 total for TTA/TWA180-240).

④ Used on Dual circuit HP condensers with a field installed LCI card for independent mechanical heating operation configuration.

\* BAYLOTR001A required when modulating BAYLOAM is used with units that have 2 compressors and 1 condenser fan.

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# Split System Heat Pumps Three Phase – 6-20 Tons

**Table LSC-4-A — ReliaTel™ Control Options**

Model Number	Description	Used With
ASYSTAT107A	Zone Sensor, Set Point Adj, Fan, System, EH, LED	TWA073-TWA240 with ReliaTel™ Controls
ASYSTAT109A	Zone Sensor, 2 Set Point Adj, Fan, System, EH, LED	TWA073-TWA240 with ReliaTel™ Controls
ASYSTAT777A	Digital Programmable Zone Sensor with Night Setback	TWA073-TWA240, TTA073-TTA240 with ReliaTel™ Controls
BAYSENS050 <sup>①</sup>	Wireless Zone Sensor	TWA073-TWA240 with ReliaTel™ Controls
BAYSENS073A	Room Sensor w/ Override and Cancel Button	TWA073-TWA240 with ReliaTel™ Controls
BAYSENS074A	Room Sensor w/ Temperature Adjustment and Override Button	TWA073-TWA240 with ReliaTel™ Controls
BAYSENS077A	Remote Sensor	ASYSTAT107A, ASYSTAT109A, ASYSTAT777A
BAYSENS110A	Dual Set Point w/ Manual/Auto Change Over	TWA073-TWA240 with ReliaTel™ Controls

**Table LSC-4-B — Electromechanical Control Options**

Model Number	Description	Used With
ASYSTAT092A	2H/2C Touch Screen Digital Display Programmable Thermostat "Touch Screen"	All
ASYSTAT093A	3H/2C Digital Display Programmable Thermostat W/Humidity Sensor	All

<sup>①</sup> Kit comes with everything required for installation and operation.

Read Only



# 6 - 20 Tons with ReliaTel™ Controls TWA073, TWA090, TWA120, TWA180, TWA240

## 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 electromechanical 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.

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.
- Remote Sensing capabilities are lost, unless generic control being applied can accomplish this.
- Space Temperature Averaging capabilities are lost, unless generic control being applied can accomplish this.
- 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.

**Demand Defrost** — Defrosts only if needed, not based on time like most other systems, optimizing and lowering operating costs.

① Denotes features lost from utilizing standard conventional stat.

# Split System Air Handlers, R-410A

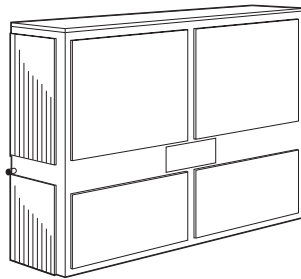
## Single Phase – 5-10 Tons

## Three Phase – 5-25 Tons

- Ships in horizontal configuration, but quickly and easily converts to upflow
- 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 12½, 15, 20, 25 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**



**5, 7½, 10, 12½, 15, 20, 25 Ton TWE Convertible Air Handlers (Upflow or Horizontal Only)**

1 2 3 456 7 8 9 10 11 12  
 T W E 180 D 3 R 3 A A

**Capacity**

061 = 5 Tons      180 = 15 Tons  
 090 = 7.5 Tons    240 = 20 Tons  
 120 = 10 Tons    300 = 25 Tons  
 150 = 12.5 Tons

**Factory-Installed Options**

00 = Standard Motor - Electromechanical Controls  
 03 = 2 speed VFD Standard Motor - Electromechanical Controls  
 04 = 2 speed VFD Oversized Motor - Electromechanical Controls  
 R3 = SZVAV VFD Standard Motor - ReliaTel™ Controls  
 R4 = SZVAV VFD Oversized Motor - ReliaTel™ Controls

**Table LAH-1-A — Single Circuit Coil - R-410A<sup>⑤</sup>**

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	TWE061D100AA	208-230/1/60	60,000	TXV	Belt	48 x 39 x 23	263	7.5	15
7½	TWE090D100AA <sup>①</sup>	208-230/1/60	90,000	TXV	Belt	54 x 49 x 26	360	8.5	15
10	TWE120D100AA <sup>①</sup>	208-230/1/60	120,000	TXV	Belt	54 x 65 x 26	429	10.6	15
<b>Three Phase</b>									
5	TWE061D300AA	208-230/3/60	60,000	TXV	Belt	48 x 39 x 23	263	3.1	15
5	TWE061D400AA	460/3/60	60,000	TXV	Belt	48 x 39 x 23	263	1.6	15
5	TWE061DW00AA	575/3/60	60,000	TXV	Belt	48 x 39 x 23	263	1.6	15
7½	TWE090D300AA <sup>①②</sup>	208-230/3/60	90,000	TXV	Belt	54 x 49 x 26	360	6.6	15
7½	TWE090DW00AA <sup>①</sup>	575/3/60	90,000	TXV	Belt	54 x 49 x 26	360	2.3	15
10	TWE120D300AA <sup>①②</sup>	208-230/3/60	120,000	TXV	Belt	54 x 65 x 26	429	7.8	15
10	TWE120DW00AA <sup>①</sup>	575/3/60	120,000	TXV	Belt	54 x 65 x 26	429	2.9	15

① Control transformer not included. Order control transformer accessory when matching these air handlers with 3-5 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. For vertical configuration, 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.



BUILT TO A HIGHER STANDARD™

**American Standard**®

HEATING & AIR CONDITIONING

# Split System Air Handlers, R-410A

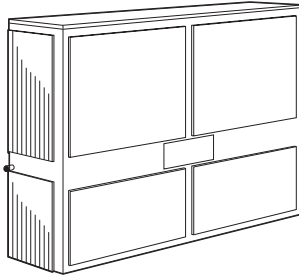
## Single Phase – 5-10 Tons

## Three Phase – 5-25 Tons

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- 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 12½, 15, 20, 25 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
- Factory installed 2 speed variable frequency drive (VFD) option available for enhanced part load performance and minimum REQUIRED for CA Title 24 Compliance®
- Factory installed Single Zone VAV (SZVAV) option available for enhanced part load performance and space temperature control via varying airflow®
- **Optional extended warranties**



**5, 7½, 10, 12½, 15, 20, 25 Ton TWE Convertible Air Handlers (Upflow or Horizontal Only)**

1 2 3 456 7 8 9 10 11 12  
T W E 180 D 3 R 3 A A

**Capacity**

061 = 5 Tons      180 = 15 Tons  
090 = 7.5 Tons    240 = 20 Tons  
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150 = 12.5 Tons

**Factory-Installed Options**

00 = Standard Motor - Electromechanical Controls  
03 = 2 speed VFD Standard Motor - Electromechanical Controls  
04 = 2 speed VFD Oversized Motor - Electromechanical Controls  
R3 = SZVAV VFD Standard Motor - ReliaTel™ Controls  
R4 = SZVAV VFD Oversized Motor - ReliaTel™ Controls

**Table LAH-2-A — Dual Circuit Coil — R-410A**

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 <sup>*</sup>	Max Fuse Size or Max Circuit Breaker <sup>③</sup> *
<b>Single Phase</b>									
5	TWE061E100AA	208-230/1/60	60,000	TXV	Belt	48 x 39 x 23	263	7.5	15
7½	TWE090E100AA <sup>①</sup>	208-230/1/60	90,000	TXV	Belt	54 x 49 x 26	360	8.5	15
10	TWE120E100AA <sup>①</sup>	208-230/1/60	120,000	TXV	Belt	54 x 65 x 26	429	10.6	15
<b>Three Phase</b>									
5	TWE061E300AA	208-230/3/60	60,000	TXV	Belt	48 x 39 x 23	263	3.1	15
5	TWE061E400AA	460/3/60	60,000	TXV	Belt	48 x 39 x 23	263	1.6	15
6	TWE073E300AA <sup>②</sup>	208-230/3/60	72,000	TXV	Belt	54 x 49 x 26	385	6.6	15
6	TWE073EW00AA	575/3/60	72,000	TXV	Belt	54 x 49 x 26	385	2.3	15
7½	TWE090E300AA <sup>②③</sup>	208-230/3/60	90,000	TXV	Belt	54 x 49 x 26	360	6.6	15
10	TWE120E300AA <sup>②③</sup>	208-230/3/60	120,000	TXV	Belt	54 x 65 x 26	429	7.8	15
10	TWE120EW00AA <sup>①</sup>	575/3/60	120,000	TXV	Belt	54 x 65 x 26	429	2.9	15
12½	TWE150E300AA <sup>②</sup>	208-230/3/60	150,000	TXV	Belt	69 x 81 x 30	730	7.4	15
12½	TWE150EW00AA	575/3/60	150,000	TXV	Belt	69 x 81 x 30	730	2.8	15
15	TWE180E300AA <sup>②</sup>	208-230/3/60	180,000	TXV	Belt	69 x 81 x 30	729	11.8	20
15	TWE180EW00AA	575/3/60	180,000	TXV	Belt	69 x 81 x 30	729	4.3	15
20	TWE240E300BA	208-230/3/60	246,000	TXV	Belt	72 x 94 x 32	891	18.1	25
20	TWE240E400BA	460/3/60	246,000	TXV	Belt	72 x 94 x 32	891	8.4	15
20	TWE240EW00BA	575/3/60	246,000	TXV	Belt	72 x 94 x 32	891	6.5	15
25	TWE300E300A	208-230/3/60	292,000	TXV	Belt	72 x 94 x 32	972	24.5	30
25	TWE300E400A	460/3/60	292,000	TXV	Belt	72 x 94 x 32	972	11.2	20
25	TWE300EW00A	575/3/60	292,000	TXV	Belt	72 x 94 x 32	972	8.9	15

① Control transformer not included. Order control transformer accessory when matching these air handlers with 3-5 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. For vertical configuration, the drain pan should be repositioned before setting the air handler.

⑥ 460V motors (digit 8=4) are only available on TWE150E and TWE180 when Title 24 or SZVAV is selected in digits 9 and 10.

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

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

# Split System Air Handlers, R-410A

## Single Phase – 5-10 Tons

## Three Phase – 5-25 Tons

**Table LAH-3-A — 6 - 10 Ton Electric Heater Selection**

Model Number	Description	Used With
BAYHTRL106A	4.33/5.76 kW Heater 208/240/1 Phase	TWE061D1-TWE120E1
BAYHTRL112A	8.65/11.52 kW Heater 208/240/1 Phase	TWE061D1-TWE120E1
BAYHTRL117A	12.98/17.28 kW Heater 208/240/1 Phase	TWE061D1-TWE120E1
BAYHTRL123A	17.30/23.04 kW Heater 208/240/1 Phase	TWE061D1-TWE120E1
BAYHTRL129A	21.65/28.80 kW Heater 208/240/1 Phase	TWE061D1-TWE120E1
BAYHTRL305A	3.75/5.00 kW Heater 208/240/3 Phase	TWE061D3-TWE120E3
BAYHTRL310A	7.45/9.96 kW Heater 208/240/3 Phase	TWE061D3-TWE120E3
BAYHTRL315A	11.25/14.96 kW Heater 208/240/3 Phase	TWE061D3-TWE120E3
BAYHTRL325A	18.71/24.92 kW Heater 208/240/3 Phase	TWE061D3-TWE120E3
BAYHTRL335A	26.20/34.88 kW Heater 208/240/3 Phase	TWE061D3-TWE120E3
BAYHTRL405A	5.00 kW Heater 460/3 Phase	TWE061D4-TWE120E3 <sup>①</sup>
BAYHTRL410A	9.96 kW Heater 460/3 Phase	TWE061D4-TWE120E3 <sup>①</sup>
BAYHTRL415A	14.96 kW Heater 460/3 Phase	TWE061D4-TWE120E3 <sup>①</sup>
BAYHTRL425A	24.92 kW Heater 460/3 Phase	TWE061D4-TWE120E3 <sup>①</sup>
BAYHTRL435A	34.88 kW Heater 460/3 Phase	TWE061D4-TWE120E3 <sup>①</sup>
BAYHTRLW05A	5 kW Heater 575/3 Phase	TWE061DW-TWE120EW
BAYHTRLW10A	9.96 kW Heater 575/3 Phase	TWE061DW-TWE120EW
BAYHTRLW15A	14.96 kW Heater 575/3 Phase	TWE061DW-TWE120EW
BAYHTRLW25A	24.92 kW Heater 575/3 Phase	TWE061DW-TWE120EW
BAYHTRLW35A	34.88 kW Heater 575/3 Phase	TWE061DW-TWE120EW

**Table LAH-3-B — 12½ - 20 Ton Electric Heater Selection**

Model Number	Description	Used With
BAYHTRM310A	7.50/10.0 kW Heater 208/230 3 Phase	TWE150E3-TWE300E3
BAYHTRM320A	14.96/19.92 kW Heater 208/230 3 Phase	TWE150E3-TWE300E3
BAYHTRM330A	22.50/29.92 kW Heater 208/230 3 Phase	TWE150E3-TWE300E3
BAYHTRM350A	37.42/49.84 kW Heater 208/230 3 Phase	TWE150E3-TWE300E3
BAYHTRM410A	10.0 kW Heater 460/3 Phase	TWE150E3 <sup>①</sup> -TWE300E4
BAYHTRM420A	19.92 kW Heater 460/3 Phase	TWE150E3 <sup>①</sup> -TWE300E4
BAYHTRM430A	29.92 kW Heater 460/3 Phase	TWE150E3 <sup>①</sup> -TWE300E4
BAYHTRM450A	49.84 kW Heater 460/3 Phase	TWE150EW-TWE300EW
BAYHTRMW10A	10.0 kW Heater 575/3 Phase	TWE150EW-TWE300EW
BAYHTRMW20A	19.92 kW Heater 575/3 Phase	TWE150EW-TWE300EW
BAYHTRMW30A	29.92 kW Heater 575/3 Phase	TWE150EW-TWE300EW
BAYHTRMW50A	49.84 kW Heater 575/3 Phase	TWE150EW-TWE300EW

<sup>①</sup> Field convertible to 460/3/60.

# Split System Air Handlers, R-410A

## Single Phase – 5-10 Tons

## Three Phase – 5-25 Tons

**Table LAH-4-A — 5 – 20 Ton Accessory Selection**

Model Number	Description	Used With
<b>Subbase</b>		
BAYBASE009A	Vertical Air Handler Subbase	TWE061D, TWE061E
BAYBASE010A	Vertical Air Handler Subbase	TWE090D, TWE090E, TWE073E
BAYBASE011A	Vertical Air Handler Subbase	TWE120D, TWE120E
BAYBASE012A	Vertical Air Handler Subbase	TWE150E, TWE180E
BAYBASE013A	Vertical Air Handler Subbase	TWE240E, TWE300E
<b>Grille</b>		
BAYGRLE001A	Return Air Grille	TWE061D/E
BAYGRLE002A	Return Air Grille	TWE090D/E, TWE073E
BAYGRLE003A	Return Air Grille	TWE120D/E
BAYGRLE004A	Return Air Grille	TWE150E, TWE180E
BAYGRLE005A	Return Air Grille	TWE240E, TWE300E
<b>High Static Motor</b>		
BAYHSMT104B	1.5HP (230/1) w/ 1VL44 motor sheave w/ AK54 fan sheave w/ A44 belt	TWE061D1/E1
BAYHSMT105B	1.5HP (230-460/3) w/ 1VL44 motor sheave w/ AK54 fan sheave w/ A44 belt	TWE061D3-4/E3-4
BAYHSMT106B	1.5HP (575/3) w/ 1VL44 motor sheave w/ AK54 fan sheave w/ A44 belt	TWE061DW/EW
BAYHSMT107B	2 HP (230/1) w/ 1VL44 motor sheave w/ AK66 fan sheave w/ A50 belt	TWE090D1/E1
BAYHSMT108B	2 HP (230/460/3) w/ 1VL44 motor sheave w/ AK66 fan sheave w/ A50 belt	TWE090D3/E3, TWE073E3
BAYHSMT109B	2 HP (575/3) w/ 1VL44 motor sheave w/ AK66 fan sheave w/ A50 belt	TWE090DW/EW, TWE073EW
BAYHSMT110B	3 HP (230/460/3) w/ 1VP44 motor sheave w/ AK54 fan sheave w/ AX48 belt	TWE090D3/E3, TWE073E3
BAYHSMT111B	3 HP (575/3) w/ 1VP44 motor sheave w/ AK54 fan sheave w/ AX48 belt	TWE090DW/EW, TWE073EW
BAYHSMT112B	3 HP (230/460/3) w/ 1VP44L motor sheave w/ AK74 fan sheave w/ A51 belt	TWE120D3/E3
BAYHSMT113B	3 HP (575/3) w/ 1VP44L motor sheave w/ AK74 fan sheave w/ A51 belt	TWE120DW/EW
BAYHSMT114B	3 HP (230/460/3) w/ 1VP44L motor sheave w/ BK72 fan sheave w/ A51 belt	TWE150E3
BAYHSMT115B	3 HP (575/3) w/ 1VP44L motor sheave w/ BK72 fan sheave w/ A51 belt	TWE150EW
BAYHSMT116B	5 HP (230/3) w/ 1VP50L motor sheave w/ BK72 fan sheave w/ BX55 belt	TWE150E3
BAYHSMT117B	5 HP (460/3) w/ 1VP50L motor sheave w/ BK72 fan sheave w/ BX55 belt	TWE150E4
BAYHSMT118B	5 HP (575/3) w/ 1VP50L motor sheave w/ BK72 fan sheave w/ BX55 belt	TWE150EW
BAYHSMT119B	5 HP (230/3) w/ 1VP50L motor sheave w/ BK85 fan sheave w/ BX58 belt	TWE180E3
BAYHSMT120B	5 HP (460/3) w/ 1VP50L motor sheave w/ BK85 fan sheave w/ BX58 belt	TWE180E4
BAYHSMT121B	5 HP (575/3) w/ 1VP50L motor sheave w/ BK85 fan sheave w/ BX58 belt	TWE180EW
BAYHSMT122B	7.5 HP (230/460/3) w/ 1VP60 motor sheave w/ BK90 fan sheave w/ BX60 belt	TWE240E3/4
BAYHSMT123B	7.5 HP (575/3) w/ 1VP60 motor sheave w/ BK90 fan sheave w/ BX60 belt	TWE240EW
<b>Isolators</b>		
BAYISLT004A①②③④	Rubber Isolator Floor (blue)	TWE061D-TWE120E
BAYISLT009A①②③	Rubber Isolator Floor (red)	TWE150E, TWE180E
BAYISLT010A①②③	Rubber Isolator Floor (green)	TWE240E, TWE300E
BAYISLT012B③	Rubber Isolator Suspended (red/green)	TWE150E, TWE180E
BAYISLT013B③④	Rubber Suspended (red/green)	TWE061D/E
BAYISLT014A③④	Rubber Suspended (green)	TWE090D/E
BAYISLT015B③④	Rubber Suspended (green/black)	TWE120D/E
BAYISLT016B③	Rubber Suspended (red/green)	TWE240E, TWE300E
BAYISLT019A①②③	Steel Spring Isolator Floor (red)	TWE061D/E, TWE073E, TWE090D/E, TWE120D/E
BAYISLT021A①②③	Steel Spring Isolator Floor (black)	TWE150E, TWE180E
BAYISLT032A①②③	Steel Spring Isolator Floor (black/yellow)	TWE240E
BAYISLT028A③	Steel Spring Isolator Suspended (tan)	TWE061D/E
BAYISLT029A③	Steel Spring Isolator Suspended (red)	TWE073E, TWE090D/E, TWE120D/E
BAYISLT030A③	Steel Spring Isolator Suspended (black)	TWE150E, TWE180E
BAYISLT031B③	Steel Spring Isolator Suspended (black/yellow)	TWE240E, TWE300E
<b>Low Static Drive Kit</b>		
BAYLSMT001A	Low Static Drive Kit	TWE240E

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

② Requires use of subbase accessory.

③ Units having steam of hot water coils applied vertically or horizontally check IOM for proper Isolator kit selection.

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

# Split System Air Handlers, R-410A

## Single Phase – 5-10 Tons

## Three Phase – 5-25 Tons

**Table LAH-5-A — 5 – 20 Ton Accessory Selection**

Model Number	Description	Used With
<b>Plenum</b>		
BAYPLNM015B <sup>②</sup>	Discharge Plenum & Grille	TWE061D/E
BAYPLNM016B <sup>②</sup>	Discharge Plenum & Grille	TWE090D/E, TWE073E
BAYPLNM017B <sup>②</sup>	Discharge Plenum & Grille	TWE120D/E
BAYPLNM018B <sup>②</sup>	Discharge Plenum/Hydronic Coil Plenum & Grille	TWE150E, TWE180E
BAYPLNM019B <sup>②</sup>	Discharge Plenum/Hydronic Coil Plenum & Grille	TWE240E, TWE300E
BAYPLNM020B <sup>②</sup>	Hydronic Coil Discharge Plenum & Grille	TWE061D/E
BAYPLNM021B <sup>②</sup>	Hydronic Coil Discharge Plenum & Grille	TWE090D/E, TWE073E
BAYPLNM022B <sup>②</sup>	Hydronic Coil Discharge Plenum & Grille	TWE120D/E
BAYPLNM030A <sup>②</sup>	Electric Heat Discharge Plenum & Grille	TWE061D/E
BAYPLNM031A <sup>②</sup>	Electric Heat Discharge Plenum & Grille	TWE090D/E, TWE073E
BAYPLNM032A <sup>②</sup>	Electric Heat Discharge Plenum & Grille	TWE120D/E
BAYPLNM033A <sup>②</sup>	Electric Heat Discharge Plenum & Grille	TWE150E, TWE180E
BAYPLNM034A <sup>②</sup>	Electric Heat Discharge Plenum & Grille	TWE240E, TWE300E
<b>Transformer</b>		
BAYTFMR011A <sup>①</sup>	75va transformer (230V)	TWE090D3, TWE090E3, TWE120D3, TWE120E3, TWE073E3
BAYTFMR012A <sup>①</sup>	75va transformer	TWE090D4/W, TWE090E4/W, TWE120D4/W, TWE120E4/W, TWE073EW
BAYTFMR013A <sup>①</sup>		TWE090DK, TWE090EK, TWE120DK, TWE120EK
<b>Water Kits</b>		
BAYWATR022A <sup>②</sup>	Steam Coil Enclosure	TWE061D/E
BAYWATR023A <sup>②</sup>		TWE090D/E, TWE073E
BAYWATR024A <sup>②</sup>		TWE120D/E
BAYWATR025A <sup>②</sup>		TWE150E, TWE180E
BAYWATR026A <sup>②</sup>		TWE240E, TWE300E
BAYWATR027A <sup>②</sup>	Hot Water Coil Enclosure	TWE061D/E
BAYWATR028A <sup>②</sup>		TWE090D/E, TWE073E
BAYWATR029A <sup>②</sup>		TWE120D/E
BAYWATR030A <sup>②</sup>		TWE150E, TWE180E
BAYWATR031A <sup>②</sup>		TWE240E, TWE300E
<b>Wire Kit</b>		
BAYWRKT002A <sup>③</sup>	180 Blower Discharge Reversal Kit	TWE061D-TWE120E

① Required when 6 -10 Ton Air Handlers are matched with 3-5 Ton condensing units.

② When installed horizontally, plenum/water coil must be self supported.

③ Cannot be used on TWE150-240, due to motor mount location.

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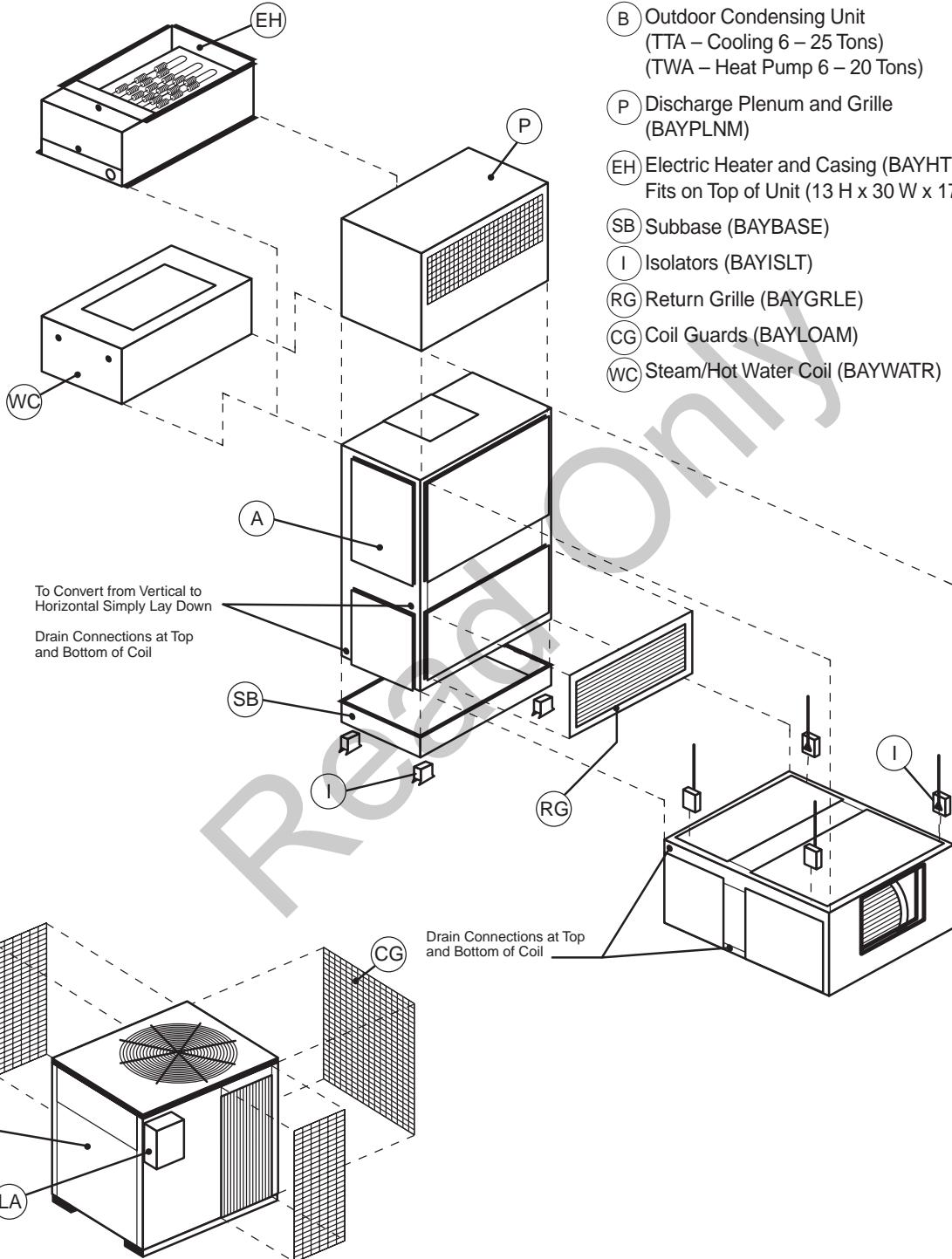
American Standard®

HEATING & AIR CONDITIONING

# Split System Air Handlers 5-25 Tons

## Factory Supplied Accessories

- (A) Air Handler (TWE 5 – 20 Tons)
- (B) Outdoor Condensing Unit (TTA – Cooling 6 – 25 Tons)  
(TWA – Heat Pump 6 – 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 (BAYLOAM)
- (WC) Steam/Hot Water Coil (BAYWATR)



Light Commercial  
Air Handlers/Heaters

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

LAH-6

Effective 1/1/18  
14-1011-35



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HEATING & AIR CONDITIONING



ASYSSTAT095A

## Non-Programmable Comfort Controls for ReliaTel™ Units

### ASYSSTAT095A

- One-touch temperature control.
- Large, clear, backlit display is easy to read, even in the dark.
- Displays both room temperature and temperature setting.
- Removable battery holder for fast, easy replacement.
- Built-in compressor protection.
- **Focus Pro 3 Heat/ 2 Cool**

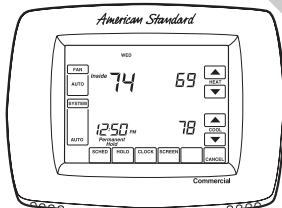
## Programmable Comfort Controls for ReliaTel™ Units



ASYSSTAT090A

### ASYSSTAT090A

- Large, Clear Display with Backlighting — Current temperature, set temperature and time are easy-to-read and all are displayed on the main screen.
- Menu Driven Programming — Provides guidance through the scheduling process, showing only necessary information and choices on each screen.
- Ability to Select Multiple Days — Allows easy customizing for unique schedules.
- Real-Time Clock—Keeps time during power failure; automatically updates for daylight saving time.
- Armchair Programming — Can remove thermostat from wall to set the schedule.
- Precise Temperature Control ( $\pm 1$  °F) — reliable, consistent comfort.
- Multiple OVERRIDE options — Can modify schedule for a specific period of time (up to 365 days).
- Outdoor Temperature Indication — Displays current outdoor temperature to help plan outdoor activities.
- **2 Heat/2 Cool**



ASYSSTAT092A

### ASYSSTAT092A

- Large, Clear Display with Backlighting — Current temperature, set temperature and time are easy-to-read and all are displayed on the main screen.
- Menu Driven Programming — Provides guidance through the scheduling process, showing only necessary information and choices on each screen.
- Ability to Select Multiple Days — Allows easy customizing for unique schedules.
- Real-Time Clock — Keeps time during power failure; automatically updates for daylight savings.
- Armchair Programming — Can remove thermostat from wall to set the schedule. Precise Temperature Control ( $\pm 1$  °F) — reliable, consistent comfort.
- Multiple OVERRIDE options — Can modify schedule indefinitely or for a specific period of time.
- Programmable Fan — Increases indoor air quality when combined with air cleaning equipment.
- Outdoor Temperature Indication — Displays current outdoor temperature to help plan outdoor activities.
- **2 Heat/2 Cool Commercial Vision Pro**

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

LCCZS-1

Effective 1/1/18  
14-1011-35

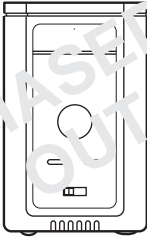
Light Commercial  
Comfort Controls/Zone Sensors

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## Programmable Comfort Controls for ReliaTel™ Units



**ASYSTAT800A**

### **ASYSTAT800A**

- Wall mounted remote space sensor
- For use with ASYSTAT090A, ASYSTAT092A, and ASYSTAT093A programmable thermostats

PHASED OUT

Read Only



# Zone Sensor Unit Installation

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 (BAYSENS077A), 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

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# Micro Control Zone Sensors



**ASYSSTAT106A  
Manual Changeover**

- 4 wires required.
- Single Setpoint for 3-25 Tons Electric/Electric and Gas/Electric Systems
- Can be used with Remote Sensor (ASYSSTAT669)



**ASYSSTAT107A  
Manual Changeover**

- 4-6 wires required.
- Single Setpoint for W- Heat Pump Systems (3-20 Tons)
- Can be used with Remote Sensor (ASYSSTAT669)



**ASYSSTAT108A  
Automatic Changeover**

- 5 wires required.
- Dual Setpoint for Electric/Electric and Gas Electric Systems (3-25 Tons)
- Can be used with Remote Sensor (ASYSSTAT669)



**ASYSSTAT109A  
Automatic Changeover**

- 5-7 wires required.
- Dual Setpoint for W- Heat Pump Systems (3-20 Tons)
- Can be used with Remote Sensor (ASYSSTAT669)



**ASYSSTAT709A/707A  
LCD Digital  
Display Zone Sensor**

- 3-7 wires required.
- Non-Programmable Zone Sensor with a digital display
- ASYSSTAT709A - Cool/Gas
- ASYSSTAT707A - 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)

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

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HEATING & AIR CONDITIONING



## Electronic Programmable Zone Sensors For ReliaTel™ Units

### ASYSSTAT777A

- **Automatic or Manual Changeover with System Lights**
- Use With:
  - 3 – 10 Ton Precedent™ Units
  - 12.5 – 25 Ton Voyager™ Units
- Digital display indicating the time of day, the day of the week, room temperature, current program operating mode, and current active stage
- Continuous or 3 hour timed override
- Two occupied, two unoccupied programs per day
- L.C.D. readout in F or C (Celsius) and 12 or 24-hour clock
- Keyboard disable to prevent tampering
- Programming on a 7-day basis
- Status indication lights displayed in Digital Display
- Auxiliary relay (Form 1C)
- Auto Fan During Setback
- No Anticipator Required
- No Battery Required
- No accessories required. Each unit is complete and ready for installation
- Remote Room Sensor (ASYSSTAT669)
- Finish: Pantone Cool Gray #2C
- Replacement: SEN-0415
- Installation: 18-HD60D29
- Source: Clarksville

## Integrated Comfort™ Systems Sensors For ReliaTel™ Units



### ASYSSTAT669

- **Room Sensor**
- Used with Integrated Comfort™ Systems
- Used With:
  - 3 - 10 Ton Precedent™ Units
  - 12.5 - 25 Ton Voyager™ Units
- Finish: Pantone Cool Gray #2C
- Replacement: SEN01448
- Installation: Included with sensor
- Source: St. Paul GCC/Clarksville

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HEATING & AIR CONDITIONING



Beveled Top  
Smoother Design  
Small compact cabinet  
Recessed access handles

## Packaged Cooling Convertible 3-10 Tons

### Standard Features:

- American Standard Heating & Air Conditioning scroll compressors on all 3-10 ton units
- Colored and numbered wiring
- Phase Monitor, R-410A 3 Phase Units
- Provisions for through the Base Condensate Drain Connections
- 2" throwaway filters provided on all ton units
- Liquid Line Refrigerant Drier
- Operating Charge of R-410A
- IAQ Sloped Drain Pans
- Single point power for Electric Heat
- Low Ambient to 40°F on Electromechanical models
- Low Ambient to 0°F on ReliaTel™ models
- 5 - year Limited Compressor Warranty
- 1 - year Limited Parts Warranty

### Added Flexibility

- Electromechanical or ReliaTel™ controls (**See page LPC-12 for ReliaTel™ Control Information**)
- Standard or high efficiency cooling models available. 17+ available in 3T to 5T. For reference to 17+ please refer to publications RT-PRC048-EN and RT-SLB020-EN
- 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
- Dehumidification Hot Gas Reheat Coil (High Efficiency Units Only)
- Froststat
- Novar Controls
- Comm 3/4 Communications Interface
- BACnet™ Communications Interface
- 2" Pleated Media filters
- 2" MERV 8 filters or 2" MERV 13 filters
- Multi-Speed & Single Zone VAV ID Airflow
- Demand Control Ventilation
- Stainless Steel Drainpan
- Condensate Drainpan Overflow Switch

**The same American Standard Heating & Air Conditioning Quality and Reliability ... with added Flexibility!**

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

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**American Standard**  
HEATING & AIR CONDITIONING

# Packaged Cooling Convertible 3-5 Tons, R-410A

**Table LPC-2-A — Precedent™ 17 Plus — R-410A — ReliaTel™ Controls Only**

Tons	Unit Ordering No.	Performance SEER	Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA**	Max Fuse**
<b>THC - 208-230/3/60 - Three Phase - No Heat</b>									
3	THC037E3R0A0000	17.5	36,500	36 x 44 x 69	16 x 15.5	24 x 14	614	23.3	30
4	THC047E3R0A0000	17.5	50,500	41 x 53 x 88	33 x 17.5	32 x 17.5	787	29.4	40
5	THC067E3R0A0000	17.2	60,000	41 x 53 x 88	33 x 17.5	32 x 17.5	841	32.2	45
<b>THC - 460/3/60 - Three Phase - No Heat</b>									
3	THC037E4R0A0000	17.5	36,500	36 x 44 x 69	16 x 15.5	24 x 14	614	11.4	15
4	THC047E4R0A0000	17.5	50,500	41 x 53 x 88	33 x 17.5	32 x 17.5	787	13.7	20
5	THC067E4R0A0000	17.2	60,000	41 x 53 x 88	33 x 17.5	32 x 17.5	841	15.2	20

**Table PC-2-B — Base Unit — 15 SEER High Efficiency — R-410A — Electromechanical or ReliaTel™**

Tons	Unit Ordering No.	Performance SEER <sup>②</sup>	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 - 208-230/1/60 - Single Phase - No Heat</b>									
3	THC036E1*0A0000	15.2	38,490	36 x 44 x 69	16 x 15.5	24 x 14	555	26.7	40
4	THC048E1*0A0000	15.0	48,930	41 x 53 x 88	33 x 17.5	32 x 17.5	798	35.7	50
5	THC060E1*0A0000	15.0	62,480	41 x 53 x 88	33 x 17.5	32 x 17.5	823	43.8	70
<b>THC - 208/3/60 - Three Phase - No Heat</b>									
3	THC036E3*0A0000	15.0	38,490	36 x 44 x 69	16 x 15.5	24 x 14	555	21.9	30
4	THC048E3*0A0000	15.0	48,930	41 x 53 x 88	33 x 17.5	32 x 17.5	637	28.3	40
5	THC060E3*0A0000	15.0	62,480	41 x 53 x 88	33 x 17.5	32 x 17.5	869	32.1	45
<b>THC - 460/3/60 - Three Phase - No Heat</b>									
3	THC036E4*0A0000	15.0	38,490	36 x 44 x 69	16 x 15.5	24 x 14	555	10.2	15
4	THC048E4*0A0000	15.0	48,930	41 x 53 x 88	33 x 17.5	32 x 17.5	637	13.8	20
5	THC060E4*0A0000	15.0	62,480	41 x 53 x 88	33 x 17.5	32 x 17.5	869	17.0	25

**Table LPC-2-C — Base Unit — 14 SEER — R-410A — Electromechanical or ReliaTel™**

Tons	Unit Ordering No.	Performance SEER	Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA**	Max Fuse**
<b>TSC - 208-230/3/60 - Three Phase - No Heat</b>									
3	TSC036G3*0A0000	14.0	37,000	41 x 44 x 69	16 x 15.5	24 x 14	537	19.9	30
4	TSC048G3*0A0000	14.0	49,000	41 x 44 x 69	16 x 15.5	24 x 14	557	25.4	35
5	TSC060G3*0A0000	14.0	60,000	41 x 44 x 69	16 x 15.5	24 x 14	603	28.2	40
<b>TSC - 460/3/60 - Three Phase - No Heat</b>									
3	TSC036G4*0A0000	14.0	37,000	41 x 44 x 69	16 x 15.5	24 x 14	537	9.5	15
4	TSC048G4*0A0000	14.0	49,000	41 x 44 x 69	16 x 15.5	24 x 14	557	11.0	15
5	TSC060G4*0A0000	14.0	60,000	41 x 44 x 69	16 x 15.5	24 x 14	603	12.0	15

① HACR breaker per NEC.

② SEER applies, 3-5 tons; EER applies 6-10 tons.

\* Digit 9 - E = Electromechanical or R = ReliaTel™.

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

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

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HEATING & AIR CONDITIONING

# Packaged Cooling Convertible 6 - 10 Tons, R-410A

Light Commercial  
Packaged Cooling

**Table LPC-3-A — Base Unit — High Efficiency — R-410A — Electromechanical or ReliaTel™**

Tons	Unit Ordering No.	Performance EER	Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA**	Max <sup>Ⓛ</sup> Fuse**
<b>THC – 208-230/3/60 – Three Phase High Efficiency</b>									
6	THC072F3*0A0000	14.5	72,000	47 x 53 x 88	33 x 17.5	32 x 17.5	997	33.9	50
6	THC074F3*0A0000	15.5	73,000	47 x 53 x 88	33 x 17.5	32 x 17.5	1016	37.4	50
7½	THC092F3*0A0000	14.5	92,000	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	41.9	50
8½	THC102F3*0A0000	14.7	103,000	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	42.0	50
10	THC120F3*0A0000	14.7	116,000	51 x 63 x 100	33 x 17.5	32 x 17.5	1326	46.1	60
<b>THC – 460/3/60 – Three Phase</b>									
6	THC072F4*0A0000	14.5	72,000	47 x 53 x 88	33 x 17.5	32 x 17.5	997	16.3	25
6	THC074F4*0A0000	15.5	73,000	47 x 53 x 88	33 x 17.5	32 x 17.5	1016	18.7	25
7½	THC092F4*0A0000	14.5	92,000	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	19.9	25
8½	THC102F4*0A0000	14.7	103,000	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	19.9	25
10	THC120F4*0A0000	14.7	116,000	51 x 63 x 100	33 x 17.5	32 x 17.5	1326	21.9	30

**Table LPC-3-B — Base Unit — Standard Efficiency — R-410A — Electromechanical or ReliaTel™**

Tons	Unit Ordering No.	Performance SEER/EER	Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA**	Max Fuse**
<b>TSC – 208-230/3/60 – Three Phase – No Heat</b>									
6	TSC072F3*0A0000	13.0	75,000	42 x 53 x 88	33 x 17.5	32.13 x 17.5	898	36.5	50
7½	TSC090F3*0A0000	12.2	89,000	42 x 53 x 88	33 x 17.5	32.13 x 17.5	815	38.2	60
7½	TSC092F3*0A0000	13.0	94,000	46 x 53 x 88	33 x 17.5	32.13 x 17.5	1009	41.2	50
8½	TSC102F3*0A0000	12.8	102,000	46 x 53 x 88	33 x 17.5	32.13 x 17.5	1048	46.3	60
10	TSC120F3*0A0000	13.0	119,000	46 x 53 x 88	33 x 17.5	32.13 x 17.5	1058	49.6	60
<b>TSC – 460/3/60 – Three Phase – No Heat</b>									
6	TSC072F4*0A0000	13.0	75,000	42 x 53 x 88	33 x 17.5	32.13 x 17.5	898	18.2	25
7½	TSC090F4*0A0000	12.2	89,000	42 x 53 x 88	33 x 17.5	32.13 x 17.5	815	19.5	30
7½	TSC092F4*0A0000	13.0	94,000	46 x 53 x 88	33 x 17.5	32.13 x 17.5	1009	21.5	25
8½	TSC102F4*0A0000	12.8	102,000	46 x 53 x 88	33 x 17.5	32.13 x 17.5	1048	21.9	25
10	TSC120F4*0A0000	13.0	119,000	46 x 53 x 88	33 x 17.5	32.13 x 17.5	1058	22.7	35
<b>TSC – 575/3/60 – Three Phase – No Heat</b>									
6	TSC072FW*0A0000	13.0	75,000	42 x 53 x 88	33 x 17.5	32.13 x 17.5	898	12.7	20
7½	TSC090FW*0A0000	12.2	89,000	42 x 53 x 88	33 x 17.5	32.13 x 17.5	815	14.7	20
7½	TSC092FW*0A0000	13.0	94,000	46 x 53 x 88	33 x 17.5	32.13 x 17.5	1009	15.0	20
8½	TSC102FW*0A0000	12.8	102,000	46 x 53 x 88	33 x 17.5	32.13 x 17.5	1048	17.5	20
10	TSC120FW*0A0000	13.0	119,000	46 x 53 x 88	33 x 17.5	32.13 x 17.5	1058	18.9	25

Ⓛ HACR breaker per NEC.

\* Digit 9=E=Electromechanical or R=ReliaTel™.

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

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.



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# Packaged Cooling Convertible 3-10 Tons (Model Digit Numbers)

Light Commercial  
Packaged Cooling

Digit	Description	Order Number	Digit	Description	Order Number
1-8	<b>Main Assembly (see previous page)</b>		21	<b>Communications Options</b> <sup>Ⓣ</sup>	
9	<b>Unit Controls</b>			No Communications Interface .....	0
	Electro-Mechanical .....	E		Comm 3/4 Communications Interface .....	1
	ReliaTel™ Micro-processor .....	R		Novar 2024 Controls .....	3
10	<b>(See Heater Table below)</b>			Novar 3051 Controls .....	4
11	<b>Minor Design Sequence</b>			Novar 3051 Controls Interface with DCV .....	5
	First Sequence .....	A		BACnet™ Communications Interface .....	6
12-13	<b>Service Sequence</b>		22	<b>Refrigeration System Option</b>	
	First Sequence (Factory Supplied) .....	*,*		Standard Refrigeration System .....	0
14	<b>Fresh Air Selection</b>			Dehumidification (Hot Gas Reheat Coil) <sup>Ⓣ</sup> .....	B
	No Fresh Air .....	0	23	<b>Refrigeration Controls</b>	
	0-50% Manual Outside Air Damper <sup>Ⓣ</sup> .....	A		<b>Note: Applicable to Digit 7 = E,F</b>	
	0-50% Motorized Outside Air Damper .....	B		No Refrigeration Control .....	0
	0-100% Economizer, Dry Bulb without			Froststat <sup>Ⓣ</sup> .....	1
	Barometric Relief <sup>Ⓣ</sup> .....	C		Crankcase Heater .....	2
	0-100% Economizer, Dry Bulb with			Froststat and Crankcase Heater .....	3
	Barometric Relief <sup>Ⓣ</sup> .....	D	24	<b>Smoke Detector</b> <sup>Ⓣ</sup> <sup>Ⓣ</sup>	
	0-100% Economizer, Reference Enthalpy			No Smoke Detector .....	0
	without Barometric Relief <sup>Ⓣ</sup> <sup>Ⓣ</sup> .....	E		Return Air Smoke Detector <sup>Ⓣ</sup> <sup>Ⓣ</sup> .....	A
	0-100% Economizer, Reference Enthalpy			Supply Air Smoke Detector .....	B
	with Barometric Relief <sup>Ⓣ</sup> <sup>Ⓣ</sup> .....	F		Supply and Return Air Smoke Detectors <sup>Ⓣ</sup> <sup>Ⓣ</sup> .....	C
	0-100% Economizer, Comparative Enthalpy			Plenum Smoke Detector .....	D
	without Barometric Relief <sup>Ⓣ</sup> <sup>Ⓣ</sup> .....	G	25	<b>Monitoring Controls</b> <sup>Ⓣ</sup>	
	0-100% Economizer, Comparative Enthalpy			No Monitoring Control <sup>Ⓣ</sup> .....	0
	with Barometric Relief <sup>Ⓣ</sup> <sup>Ⓣ</sup> .....	H		Clogged Filter Switch <sup>Ⓣ</sup> .....	1
	Low Leak Economizer, Dry Bulb			Fan Failure Switch <sup>Ⓣ</sup> .....	2
	with Barometric Relief .....	K		Discharge Air Sensing Tube <sup>Ⓣ</sup> .....	3
	Low Leak Economizer, Comparative Enthalpy			Clogged Filter Switch and Fan Fail Switch <sup>Ⓣ</sup> .....	4
	with Barometric Relief .....	M		Clogged Filter Switch and Discharge	
	Low Leak Economizer, Reference Enthalpy			Air Sensing Tube <sup>Ⓣ</sup> .....	5
	with Barometric Relief .....	P		Fan Fail Switch and Discharge Air Sensing Tube <sup>Ⓣ</sup> .....	6
15	<b>Supply Fan/Drive Type/Motor</b>			Clogged Filter and Fan Fail Switches	
	Standard Drive .....	0		and Discharge Air Sensing Tube <sup>Ⓣ</sup> .....	7
	Oversized Motor .....	1		Novar Return Air Sensor <sup>Ⓣ</sup> .....	8
	Optional Belt Drive Motor (3 phase only) .....	2		Novar 3051 Zone Sensor <sup>Ⓣ</sup> .....	9
	Single Zone VAV .....	6		Condensate Drain Pan Overflow Switch .....	A
	Multi-Speed Indoor Fan .....	7		Clogged Filter Switch <sup>Ⓣ</sup> and	
	VAV Supply Air Temperature Control Standard Motor ..	E		Condensate Drain Pan Overflow Switch .....	B
16	<b>Hinged Service Access &amp; Filters</b>			Fan Failure Switch <sup>Ⓣ</sup> and Condensate	
	Standard Panels & Filters .....	0		Drain Pan Overflow Switch .....	C
	Hinged Access Panels & Standard Filters .....	A		Discharge Air Sensing <sup>Ⓣ</sup> and	
	Standard Panels & 2" Pleated Filters MERV 8 .....	B		Condensate Drain Pan Overflow Switch .....	D
	Hinged Access Panels & 2" Pleated Filters MERV 8 .....	C		Clogged Filter Switch <sup>Ⓣ</sup> , Fan Failure Switch <sup>Ⓣ</sup>	
	Standard Panels/2" MERV 13 Filters .....	D		and Condensate Drain Pan Overflow Switch .....	E
	Hinged Access Panels/2" MERV 13 Filters .....	E		Clogged Filter Switch <sup>Ⓣ</sup> , Discharge Air	
17	<b>Condenser Coil Protection</b>			Sensing Tube <sup>Ⓣ</sup> and Condensate Drain Pan	
	Standard Coil .....	0		Overflow Switch .....	F
	Standard Coil with Hail Guard .....	1		Fan Failure Switch, Discharge Air Sensing Tube <sup>Ⓣ</sup>	
	Black Epoxy Pre-Coated Condenser Coil .....	2		and Condensate Drain Pan Overflow Switch .....	G
	Black Epoxy Pre-Coated Condenser Coil			Clogged Filter Switch <sup>Ⓣ</sup> , Fan Failure Switch <sup>Ⓣ</sup> ,	
	with Hail Guard .....	3		Discharge Air Sensing <sup>Ⓣ</sup> and Condensate Drain	
	Complete Coat™ Condenser Coil .....	4		Pan Overflow Switch .....	H
	Complete Coat™ Condenser Coil with Hail Guard .....	5	26	<b>System Monitoring Controls</b>	
18	<b>Through the Base Provisions</b>			No Monitoring Controls .....	0
	No Through the Base Provisions .....	0		Demand Control Ventilation (CO <sub>2</sub> ) <sup>Ⓣ</sup> <sup>Ⓣ</sup> .....	A
	Through the Base Electric <sup>Ⓣ</sup> .....	A	27	<b>Unit Hardware Enhancements</b>	
19	<b>Disconnect/Circuit Breaker /Phase Monitor (3 phase only)</b>			No Enhancements .....	0
	No Disconnect/ Circuit Breaker .....	0		Stainless Steel Drain Pan .....	1
	Unit Mounted Non-Fused Disconnect <sup>Ⓣ</sup> .....	1		Fault Detection and Diagnostics (FDD) .....	B
	Unit Mounted Circuit Breaker <sup>Ⓣ</sup> .....	2		Fault Detection and Diagnostics (FDD)	
20	<b>Convenience Outlet</b>			with Demand Control Ventilation .....	C
	No Convenience Outlet .....	0	31	<b>Advanced Unit Controls</b>	
	Unpowered Convenience Outlet .....	A		Standard Unit Controls .....	0
	Powered Convenience Outlet (3 phase only) <sup>Ⓣ</sup> .....	B		Human Interface .....	1

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 Froststat cannot be field installed in electro-mechanical units.  
 ⑤ Not available with BAYFRST001A High Temperature Stat accessory.  
 ⑥ 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.  
 ⑦ Return Air Smoke Detector cannot be ordered with Novar Controls.  
 ⑧ These options are standard when ordering Novar Controls.  
 ⑨ This options for use when ordering Novar Control only.  
 ⑩ The manual outside air damper will ship factory supplied within the unit, but must be field installed.  
 ⑪ Through the base electric required when ordering disconnect/circuit breaker options.  
 ⑫ Not available with electro-mechanical unit controls.  
 ⑬ Novar Sensor utilized with digit 21 = (4) Novar 3051 Controls without Zone Sensor.  
 ⑭ Available for T/Y 10 ton standard efficiency models only.

⑮ Available for T/Y 3, 4, 5, 6, 7½, 8½ ton standard/high efficiency models only.  
 ⑯ Requires selection of 2" Pleated Filters (option B or C) for Digit 16.  
 ⑰ Not available on 6 ton units and all single phase or standard efficiency.  
 ⑱ Standard on T/YSC 6, 7½ (single and dual systems), 8½, 10 ton standard efficiency models and T/YHC 4, 5, 6, 7½ ton high efficiency models (except for dehumidification models).  
 ⑲ Epoxy coil and epoxy with hailguard options are not available for units with microchannel condenser coil.  
 ⑳ Single Zone VAV is only available on 7.5-10 ton high efficiency and 10 ton standard efficiency products with ReliaTel™ controls.  
 ㉑ Multi-speed indoor fan available only on 7.5 & 8.5 ton high efficiency, and 10 ton products with ReliaTel™ controls.  
 ㉒ Motorized Outside Air Damper is not available on Multi-Speed or SZVAV (Single Zone Variable Air Volume) products.  
 ㉓ Froststat standard on Multi-Speed and SZVAV (Single Zone Variable Air Volume) products.  
 ㉔ Novar is not available with SZVAV products.  
 ㉕ Demand Control Ventilation not available with electromechanical controls.  
 ㉖ Demand Control Ventilation Option includes wiring only. The CO<sub>2</sub> sensor is a field-installed only option.  
 ㉗ When ordering Dehumidification option, Digit #7 will revert back to E, not F.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.



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# Packaged Cooling Convertible 3-10 Tons (Model Digit Numbers)

Light Commercial  
Packaged Cooling

**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*C036-060*1	6.0	(B)	20,500	1	T*C036-060*4
7.5/10.0	(D)	25,600/34,100	2	T*C036-060*1	12.0	(E)	41,000	2	T*C036-060*4
10.3/13.8	(F)	35,300/47,100	2	T*C036-060*1	17.6	(G)	59,400	2	T*C036-060*4
13.2/17.6	(G)	45,100/60,100	2	T*C048-060*1	23.0	(J)	78,500	2	T*C060*4
<b>208/240/3/60</b>					9.0	(C)	30,700	1	T*C072-102*4
4.5/6.0	(B)	13,400/20,500	1	T*C036-060*3	18.0	(G)	61,400	1	T*C072-120*4
9.0/12.0	(E)	30,800/59,400	2	T*C036-060*3	27.0	(K)	92,100	2	T*C072-120*4
13.2/17.6	(G)	44,600/59,400	2	T*C036-060*3	36.0	(N)	122,900	2	T*C072-120*4
17.2/23.0	(J)	58,900/78,500	2	T*C060*3	54.0	(P)	184,300	2	T*C120*4
6.75/9.0	(C)	23,000/30,700	1	T*C072-102*3	<b>575/3/60</b>				
13.5/18.0	(G)	46,100/61,400	1	T*C072-120*3	6.0	(B)	20,500	1	T*C036-060*W
20.3/27.0	(K)	69,000/92,100	2	T*C072-120*3	12.0	(E)	41,000	2	T*C036-060*W
27.0/36.0	(N)	92,200/122,900	2	T*C072-120*3	17.6	(G)	59,400	2	T*C036-060*W
40.5/54.0	(P)	138,200/184,300	2	T*C120*3	23.0	(J)	78,500	2	T*C060*W
					9.0	(C)	30,700	1	T*C072-102*W
					18.0	(G)	61,400	1	T*C072-120*W
					27.0	(K)	92,100	2	T*C072-120*W
					36.0	(N)	122,900	2	T*C072-120*W
					54.0	(P)	184,300	2	T*C120*W

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# Packaged Cooling Convertible 3-5 Tons, R-410A Electric Heaters

**Table LPC-6-A — Accessory Electric Heaters – Unit with Heater is single circuit / single point power entry (3-5 Ton units)**

Model Number	Power Supply	kW Rating	Nominal BTUH	No. Stages	Used With
BAYHTRE105A	208-230/1/60	3.8/5.0	12,900/13,400	1	THC036E1
BAYHTRE110A	208-230/1/60	7.5/10.0	25,600/34,000	2	THC036E1
BAYHTRE114A	208-230/1/60	10.4/13.8	35,000/47,100	2	THC036E1
BAYHTRE306C	208-230/3/60	4.5/6.0	13,400/20,500	1	THC036E3 THC037E3, TSC036G-060G3
BAYHTRE312C	208-230/3/60	9.0/12.0	30,800/41,000	2	THC036E3 THC037E3, TSC036G-060G3
BAYHTRE318C	208-230/3/60	13.0/17.4	44,600/59,400	2	THC036E3 THC037E3, TSC036G-060G3
BAYHTRE323C	208-230/3/60	17.3/23.0	44,600/59,400	2	TSC060G3
BAYHTRE406C	460/3/60	6	20500	1	THC036E4 THC037E4, TSC036G-060G4
BAYHTRE412C	460/3/60	12	41000	2	THC036E4 THC037E4, TSC036G-060G4
BAYHTRE418C	460/3/60	17.4	59400	2	THC036E4 THC037E4, TSC036G-060G4
BAYHTRE423C	460/3/60	17.3/23.0	59400	2	TSC060G4
BAYHTREW06C	575/3/60	6	20500	1	TSC036G-060GW
BAYHTREW12C	575/3/60	12	41000	2	TSC036G-060GW
BAYHTREW18C	575/3/60	17.4	59400	2	TSC036G-060GW
BAYHTREW23C	575/3/60	17.3/23.0	59400	2	TSC060GW
BAYHTRX105A	208-230/1/60	3.8/5.0	12,900/13,400	1	THC048-060F1
BAYHTRX110A	208-230/1/60	7.5/10.0	25,600/34,000	2	THC048-060F1
BAYHTRX114A	208-230/1/60	10.4/13.8	35,000/47,100	2	THC048-060F1
BAYHTRX306B	208-230/1/60	4.5/6.0	13,400/20,500	1	THC047-067E3, THC048-060E3, THC048-048F3
BAYHTRX312B	208-230/3/60	9.0/12.0	30,800/41,000	2	THC047-067E3, THC048-060E3, THC048-048F3
BAYHTRX318B	208-230/3/60	13.0/17.4	44,600/59,400	2	THC047-067E3, THC048-060E3, THC048-048F3
BAYHTRX323B	208-230/3/60	17.3/23.0	59,000/78,500	2	THC067E3, THC060E3, THC060F3
BAYHTRX406B	460/3/60	6	20500	1	THC047-067E4, THC048-060E4, THC048-048F4
BAYHTRX412B	460/3/60	12	41000	2	THC047-067E4, THC048-060E4, THC048-048F4
BAYHTRX418B	460/3/60	18	59400	2	THC047-067E4, THC048-060E4, THC048-048F4
BAYHTRX423B	460/3/60	23	78500	2	THC067E4, THC060E4, THC060F4

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

# Packaged Cooling Convertible 6-10 Tons, R-410A Electric Heaters

**Table LPC-7-A — Accessory Electric Heaters – Unit with Heater is single circuit / single point power entry  
 (6-8 1/2 Ton Standard Efficiency units)**

Model Number	Power Supply	kW Rating	Nominal BTUH	No. Stages	Used With
BAYHTRS309B	208-230/3/60	6.75/9.0	23,000/30,700	1	TSC072F3, TSC072H3
BAYHTRS318B	208-230/3/60	13.5/18.0	46,100/61,400	2	TSC072F3, TSC072H3
BAYHTRS327B	208-230/3/60	20.3/27.0	69,000/92,100	2	TSC072F3, TSC072H3
BAYHTRS336B	208-230/3/60	27.0/36.0	92,200/122,900	2	TSC072F3, TSC072H3
BAYHTRS409B	460/3/60	9	30700	1	TSC072F4, TSC072H4
BAYHTRS418B	460/3/60	18	61400	2	TSC072F4, TSC072H4
BAYHTRS427B	460/3/60	27	92100	2	TSC072F4, TSC072H4
BAYHTRS436B	460/3/60	36	122900	2	TSC072F4, TSC072H4
BAYHTRSW09B	575/3/60	9	30700	1	TSC072FW, TSC072HW
BAYHTRSW18B	575/3/60	18	61400	2	TSC072FW, TSC072HW
BAYHTRSW27B	575/3/60	27	92100	2	TSC072FW, TSC072HW
BAYHTRSW36B	575/3/60	36	122900	2	TSC072FW, TSC072HW
BAYHTRW309A	208-230/3/60	6.75/9.0	23,000/30,700	1	TSC090F3, TSC090H3
BAYHTRW318A	208-230/3/60	13.5/18.0	46,100/61,400	1	TSC090F3, TSC090H3
BAYHTRW327A	208-230/3/60	20.3/27.0	69,000/92,100	2	TSC090F3, TSC090H3
BAYHTRW336A	208-230/3/60	27.0/36.0	92,200/122,900	2	TSC090F3, TSC090H3
BAYHTRW409A	460/3/60	9	30700	1	TSC090F4, TSC090H4
BAYHTRW418A	460/3/60	18	61400	1	TSC090F4, TSC090H4
BAYHTRW427A	460/3/60	27	92100	2	TSC090F4, TSC090H4
BAYHTRW436A	460/3/60	36	122900	2	TSC090F4, TSC090H4
BAYHTRWW09A	575/3/60	9	30700	1	TSC090FW, TSC090HW
BAYHTRWW18A	575/3/60	18	61400	1	TSC090FW, TSC090HW
BAYHTRWW27A	575/3/60	27	92100	2	TSC090FW, TSC090HW
BAYHTRWW36A	575/3/60	36	122900	2	TSC090FW, TSC090HW
BAYHTRT309B	208-230/3/60	6.75/9.0	23,000/30,700	1	TSC092F3, TSC092H3, TSC102F3, TSC102H3
BAYHTRT318B	208-230/3/60	13.5/18.0	46,100/61,400	2	TSC092F3, TSC092H3, TSC102F3, TSC102H3
BAYHTRT327B	208-230/3/60	20.3/27.0	69,000/92,100	2	TSC092F3, TSC092H3, TSC102F3, TSC102H3
BAYHTRT336B	208-230/3/60	27.0/36.0	92,200/122,900	2	TSC092F3, TSC092H3, TSC102F3, TSC102H3
BAYHTRT409B	460/3/60	9	30700	1	TSC092F4, TSC092H4, TSC102F4, TSC102H4
BAYHTRT418B	460/3/60	18	61400	2	TSC092F4, TSC092H4, TSC102F4, TSC102H4
BAYHTRT427B	460/3/60	27	92100	2	TSC092F4, TSC092H4, TSC102F4, TSC102H4
BAYHTRT436B	460/3/60	36	122900	2	TSC092F4, TSC092H4, TSC102F4, TSC102H4
BAYHTRTW09B	575/3/60	9	30700	1	TSC092FW, TSC092HW, TSC102FW, TSC102HW
BAYHTRTW18B	575/3/60	18	61400	2	TSC092FW, TSC092HW, TSC102FW, TSC102HW
BAYHTRTW27B	575/3/60	27	92100	2	TSC092FW, TSC092HW, TSC102FW, TSC102HW
BAYHTRTW36B	575/3/60	36	122900	2	TSC092FW, TSC092HW, TSC102FW, TSC102HW

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# Packaged Cooling Convertible 6-10 Tons, R-410A Electric Heaters

**Table LPC-8-A — Accessory Electric Heaters – Unit with Heater is single circuit / single point power entry  
(6 - 8 1/2 Ton High Efficiency, 10 Ton Units)**

Model Number	Power Supply	kW Rating	Nominal BTUH	No. Stages	Used With
BAYHTRA309A	208-230/3/60	9	30700	1	THC074-102F3
BAYHTRA318A	208-230/3/60	13.5/18	46,100/61,400	1	THC074F3
BAYHTRA327A	208-230/3/60	20.3/27	69,000/92,100	2	TSC120F3, TSC120H3, THC074-102F3
BAYHTRA336A	208-230/3/60	27/36	92,200/122,900	2	THC074F3
BAYHTRA354A	208-230/3/60	40.5/54	138,200/184,300	2	TSC120F3, TSC120H3
BAYHTRA409A	460/3/60	9	30700	1	THC074F-THC102F
BAYHTRA418A	460/3/60	18	61400	1	TSC120F4, TSC120H4, THC074-102F4
BAYHTRA427A	460/3/60	27	92100	2	TSC120F4, TSC120H4, THC074-102F4
BAYHTRA436A	460/3/60	36	122900	2	TSC120F4, TSC120H4, THC074-102F4
BAYHTRA454A	460/3/60	54	184300	2	TSC120F4, TSC120H4
BAYHTRAW18A	575/3/60	18	61400	1	TSC120FW, TSC120HW
BAYHTRAW36A	575/3/60	36	122900	2	TSC120FW, TSC120HW
BAYHTRAW54A	575/3/60	54	184300	2	TSC120FW, TSC120HW
BAYHTRD318A	208-230/3/60	13.5/18.0	46,100/61,400	1	THC120F3
BAYHTRD327A	208-230/3/60	20.3/27.0	69,000/92,100	2	THC120F3
BAYHTRD336A	208-230/3/60	27.0/36.0	92,100/122,900	2	THC120F3
BAYHTRD354A	208-230/3/60	40.6/54.0	138,000/184,300	2	THC120F3
BAYHTRD418A	460/3/60	18	61400	1	THC120F4
BAYHTRD427A	460/3/60	27	92100	2	THC120F4
BAYHTRD436A	460/3/60	36	122900	2	THC120F4
BAYHTRD454A	460/3/60	54	184300	2	THC120F4
BAYHTRZ318A	208-230/3/60	13.5/18.0	46,100/61,400	1	TSC092H3, TSC102H3, TSC120F3, TSC120H3, THC092-102F3
BAYHTRZ336A	208-230/3/60	20.3/27.0	69,000/92,100	2	TSC092H3, TSC102H3, TSC120F3, TSC120H3, THC092-102F4
BAYHTRZ337A	208-230/3/60	27.0/36.0	92,100/122,900	2	THC120F3
BAYHTRZ354A	208-230/3/60	40.6/54.0	138,000/184,300	2	THC120F3
BAYHTRZ436A	460/3/60	36	122900	2	THC120F4
BAYHTRZ454A	460/3/60	54	184300	2	THC120F4

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

LPC-8

Effective 1/1/18  
14-1011-35

# Packaged Cooling Convertible 3-10 Tons Accessories

**Table LPC-9-A — Accessories**

Model Number	Description	Used With
BAYABRD001C.....	ReliaTel™ Options Module.....	All T*036-120* (ReliaTel™) See Note ⑤
BAYASCT001.....	Anti-Short-Cycle Timer.....	All T*036-120* (Electro Mechanical)
BAYBARM010A③.....	Barometric Relief .....	THC036-060*, THC036E
BAYBARM011A③.....	Barometric Relief .....	TSC072-102*, THC092F, TSC120F, THC048*-120*
BAYBCIR001A.....	Bacnet™ Communication Interface .....	ReliaTel™ Controller (BCI-R)
BAYCO2K001B③③.....	CO <sub>2</sub> Sensor Kit, Wall Mounted.....	All T*036-120* (ReliaTel™)
BAYCO2K003B③③.....	CO <sub>2</sub> Sensor Kit, Duct Mounted.....	All T*036-120* (ReliaTel™)
BAYCURB042A②.....	Roof Curb.....	TSC036-060, THC036, THC037
BAYCURB043A②.....	Roof Curb.....	TSC072-120, THC048-102
BAYCURB044A.....	Roof Curb.....	THC120
BAYDMPR053B.....	0-50% Manual Outside Air Damper .....	TSC036-060, THC036, THC037
BAYDMPR056B.....	0-50% Manual Outside Air Damper .....	TSC072-120, THC047-120
BAYDMPR051A.....	0-50% Motorized Outside Air Damper .....	TSC036-060, THC036, THC037 (ReliaTel™)
BAYDMPR052B.....	0-50% Motorized Outside Air Damper .....	TSC036-060, THC036 (Electro Mechanical)
BAYDMPR054A.....	0-50% Motorized Outside Air Damper .....	TSC072-120, THC047-120 (ReliaTel™)
BAYDMPR055B.....	0-50% Motorized Outside Air Damper .....	TSC072-120, THC047-120 (Electro Mechanical)
BAYECON085A③.....	0-100% Dry Bulb Economizer without Barometric Relief ...	TSC036-060, THC036, THC037 (ReliaTel™)
BAYECON086B③.....	0-100% Dry Bulb Economizer without Barometric Relief ...	TSC036-060, THC036 (Electro Mechanical)
BAYECON087A③.....	0-100% Dry Bulb Economizer without Barometric Relief ...	TSC072-120, THC047-120 (ReliaTel™)
BAYECON088B③.....	0-100% Dry Bulb Economizer without Barometric Relief ...	TSC072-120, THC048-120 (Electro Mechanical)
BAYECON704A.....	Downflow Low Leak Economizer .....	TSC072-120, THC047-120 (ReliaTel™)
BAYECON705B.....	Downflow Low Leak Economizer .....	TSC036-060, THC036, THC037 (ReliaTel™)
BAYENTH300A.....	Reference Enthalpy Kit (Solid State).....	BAYECON086A, 088A (Electro-Mechanical)
BAYENTH301A.....	Comparative Enthalpy Kit (Solid State).....	BAYECON086A, 088A (Electro-Mechanical)
BAYENTH005A①.....	Reference Enthalpy Kit.....	BAYECON085A, 087A (ReliaTel™)
BAYENTH006B①.....	Comparative Enthalpy Kit.....	BAYECON086A, 087A (ReliaTel™)
BAYFRST003A③③.....	High Temperature Stat .....	All T*036-120E

- ① Kits contain all necessary parts to achieve desired level of enthalpy control.
- ② Lynn Haven Manufacturing has a No-Return policy for this roof curb.
- ③ For use with ReliaTel™ controlled units only.
- ④ 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.
- ⑤ 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.
- ⑥ For use with electromechanical controlled units only.
- ⑦ Activated on Power On.
- ⑧ Field installed accessory requires economizer.
- ⑨ The manual outside air damper will ship factory supplied within the unit, but must be field installed.

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**American Standard**  
HEATING & AIR CONDITIONING

# Packaged Cooling Convertible 3-10 Tons Accessories

Light Commercial  
Packaged Cooling

**Table LPC-10-A — Accessories**

Model Number	Description	Used With
BAYGARD037C	Condenser Coil Hail Guard	THC036, THC037
BAYGARD040C	Condenser Coil Hail Guard	TSC072-090, THC047-067
BAYGARD041C	Condenser Coil Hail Guard	TSC092-120
BAYGARD070A	Condenser Coil Hail Guard	THC120
BAYGARD137A	Condenser Coil Hail Guard	TSC036-060
BAYGARD141A	Condenser Coil Hail Guard	THC072-102
BAYHSDR012A	High Static Drive Kit	THC072
BAYHSMT082A	2 HP Oversized Motor Kit (208-230/460V)	TSC072*3, 4
BAYHSMT083A	2 HP Oversized Motor Kit (575V)	TSC072*W
BAYHSMT086A	3 HP Oversized Motor Kit (208-230/460V)	TSC090*-102*3, 4
BAYHSMT087A	3 HP Oversized Motor Kit (575V)	TSC090-102*W
BAYHSMT402A	2 HP Oversized Motor Kit	THC072*3, 4
BAYHSDR012A	High Static Drive Kit	TSC072
BAYLMSW001A0	Power Exhaust Limit Switch	All T*036-120*, R
BAYLOAM020B	Evaporator Defrost Control (Frostat)	THC036 (ReliaTel™)
BAYLOAM120A	Evaporator Defrost Control (Frostat)	TSC036-060 (ReliaTel™)
BAYLSDR006B	Low Static Drive Kit: 3-5T High Efficiency	THC036-060
BAYLSDR009A	Low Static Drive Kit	TSC092-102, THC072
BAYLTCI002B	LonTalk® Communications Interface (LCI)	All T*036-120*, R (ReliaTel™)
BAYPWRX026A	Power Exhaust (208-230/3 VAC)	TSC072-120*3, THC047-120*3
BAYPWRX027A	Power Exhaust (460/3 VAC)	TSC072-120*4, THC047-120*4
BAYPWRX028A	Power Exhaust (575/3 VAC)	TSC072-120*W, THC047-120*W
BAYPWRX070A	Power Exhaust (208-230/3 VAC)	TSC036-060*3, THC036*3, THC037*3
BAYPWRX071A	Power Exhaust (460/3 VAC)	TSC036-060*4, THC036*4, THC037*4
BAYPWRX072A	Power Exhaust (575/3 VAC)	TSC036-060*W
BAYQACB009A	Quick Adapt Roof Curb	TSC036-060, THC036, THC037
BAYQACB010A	Quick Adapt Roof Curb	TSC036-060, THC036, THC037
BAYQACB011A	Quick Adapt Roof Curb	TSC072-120, THC047-102
BAYQACB012A	Quick Adapt Roof Curb	TSC072-120, THC047-102
BAYQACB013A	Quick Adapt Roof Curb	TSC072-120, THC047-102
BAYRTEM001A	Fully Featured ReliaTel™ Economizer Logic Model	All T*036-120*, R
BAYSTAT023	Remote Potentiometer	All T*036-120*, R
BAYSERV001A	Selective Resistance Service Tester	All T*036-120*, R
BAYSENS016A	Temperature Sensor	All T*036-120*, R
BAYSENS250A	CO2 Duct Mounted, Sensor Only	All T*036-120*, R (ReliaTel™)
BAYSENS251A	CO2 Wall Mounted, Sensor Only	All T*036-120*, R (ReliaTel™)
BAYTUBE005A	Discharge Air Sensing Kit	THC036-037**R
BAYTUBE007A	Discharge Air Sensing Kit	TSC072-102**R, THC047-072**R
BAYTUBE105A	Discharge Air Sensing Kit	TSC036-060**R
BAYTUBE401A	Discharge Air Sensing Kit	TSC120**R, THC074-102**R
BAYTUBE403A	Discharge Air Sensing Kit	THC120F*R
BAYVNOR001B	Ventilation Override Kit w/ReliaTel™ options module	All T*036-120*, R

- ① For ReliaTel™ microprocessor controlled units only. Must be factory installed for electromechanical controlled units.
- ② Lynn Haven Manufacturing has a No-Return policy for this roof curb.
- ③ For use with ReliaTel™ controlled units only.
- ④ 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.
- ⑤ BAYQACB009A adapts Voyager BAYCURB021B to accept Precedent™ 3-5 ton unit. BAYQACB010A adapts Voyager BAYCURB022B to accept Precedent™ unit.
- ⑥ Cannot be used in conjunction with Barometric Relief. Order Economizer without Barometric Relief.
- ⑦ BAYQACB012A adapts Voyager BAYCURB025A to accept Precedent™ 6-10 ton unit. BAYQACB013A adapts Voyager BAYCURB026A to accept Precedent™ 6-10 ton unit.
- ⑧ 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.
- ⑨ Field installed accessory requires economizer.
- ⑩ When ordering a field installed power exhaust on a unit with electromechanical controls, BAYLMSW001A must be ordered.
- ⑪ If any version of comparative or reference enthalpy is ordered, BAYRTEM001A does not need to be ordered.
- ⑫ Order only when unit has factory installed Demand Control Ventilation option.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

# Packaged Cooling Convertible 3-10 Tons, R-410A Zone Sensors / Thermostats

**Table LPC-11-A — Zone Sensors for ReliaTel™ Controlled Units**

Model Number	Description	Used With
ASYSTAT106A	Single Setpoint Manual Changeover	T*C036-120*R
ASYSTAT107A	Single Setpoint	T*C036-120*, R
ASYSTAT108A	Dual Setpoint Manual or Auto Changeover	T*C036-120*R
ASYSTAT109A	Dual Setpoint Changeover Sensor	T*C036-120*, R
ASYSTAT111A	Remote Room Sensor	
ASYSTAT777A	Programmable Night Setback w/System Function Lights (Vertical Style)	T*C036-120*R
ASYSTAT708A	Programmable Night Setback w/System Function Lights	T*C036-120*R
ASYSTAT710A	Wall Mounted Humidity Sensor	T*C036,120A,3,4,W-R,T*C036-120*_R
ASYSTAT711A	Duct Mounted Humidity Sensor	T*C036-120*,T*C036-120*_R
BAYSENS924A	Title 24 Zone Sensor <sup>Ⓢ</sup>	All
BAYMTP110A	Retrofit Wall Cover Plate Kit 7.25" x 6.0"	ASYSTAT111A

<sup>Ⓢ</sup> Must be used with ReliaTel™ Control and BCI Communications Interface  
 \*Either standard or high efficiency models.

**Table LPC-11-B — Thermostats — Electromechanical**

Model Number	Description	Used With
ASYSTAT712B	CO2 Sensor Kit (Wall Mounted)	T*C036-120*R
ASYSTAT714B	CO2 Sensor Kit (Duct Mounted)	T*C036-120*R

Read Only



**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 program-mable 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.

## ReliaTel™ Controls

### Operation With An Electromechanical Thermostat

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.

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**American Standard**  
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# Packaged Cooling with ReliaTel™ Controls 12½-25 Tons, R-410A

Light Commercial  
Packaged Cooling

**12½-25 Ton T\*D-G – Downflow**

**12½-25 Ton T\*H-G – Horizontal**

- ReliaTel™ control features are listed on page LPC-12
- Built-in anti-short cycle, time-delay relay and minimum on time controls
- 2" throwaway filters
- Liquid line drier
- Built-in fork lift holes

- Operating charge of R-410A
- Quick-Access on 12½ – 25
- Sloped sheet metal drain pan
- 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
- Phase monitor
- Quick-adjust idler arm pulley. Adjust belt tension, change belts, adjust airflow quickly (12½ – 25 tons), downflow only
- UL listed and CSA certified
- **5-year limited compressor warranty (12½ – 25 tons)**

**Table LPC-14-A — High Efficiency ReliaTel™ Units (R-410A)**

Tons	Unit Model No.	Power Supply Volts/Phase/Hz	Performance EER	Cooling Capacity (Btu/h)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	MCA <sup>②</sup>	Max Fuse Size or Max Circuit Breaker <sup>①</sup>	Downflow <sup>③</sup> Roofcurb
12½	TH*150G3R0B0000	208-230/3/60	13.5	144,000	54 x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2514	65	90	BAYCURB027B
15	TH*180G3R0B0000	208-230/3/60	14.0	174,000	64 1/8 x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2482	68	90	BAYCURB027B
17½	TH*210G3R0B0000	208-230/3/60	13.0	204,000	64 1/8 x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2443	86	110	BAYCURB027B
20	TH*240G3R0B0000	208-230/3/60	12.4	234,000	64 1/8 x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2513	99	125	BAYCURB027B
25	TH*300G3R0B0000	208-230/3/60	12.4	274,000	64 1/8 x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2514	121	150	BAYCURB027B
12½	TH*150G4R0B0000	460/3/60	13.5	144,000	54 x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2514	30	40	BAYCURB027B
15	TH*180G4R0B0000	460/3/60	14.0	174,000	64 <sup>1</sup> / <sub>8</sub> x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2482	33	45	BAYCURB027B
17½	TH*210G4R0B0000	460/3/60	13.0	204,000	64 <sup>1</sup> / <sub>8</sub> x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2443	43	60	BAYCURB027B
20	TH*240G4R0B0000	460/3/60	12.4	234,000	64 <sup>1</sup> / <sub>8</sub> x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2513	46	60	BAYCURB027B
25	TH*300G4R0B0000	460/3/60	12.4	274,000	64 <sup>1</sup> / <sub>8</sub> x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2514	57	70	BAYCURB027B
12½	TH*150GWR0B0000	575/3/60	13.5	144,000	54 x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2514	24	30	BAYCURB027B
15	TH*180GWR0B0000	575/3/60	14.0	174,000	64 <sup>1</sup> / <sub>8</sub> x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2482	26	35	BAYCURB027B
17½	TH*210GWR0B0000	575/3/60	13.0	204,000	64 <sup>1</sup> / <sub>8</sub> x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2443	33	45	BAYCURB027B
20	TH*240GWR0B0000	575/3/60	12.4	234,000	64 <sup>1</sup> / <sub>8</sub> x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2513	38	50	BAYCURB027B
25	TH*300GWR0B0000	575/3/60	12.4	274,000	64 <sup>1</sup> / <sub>8</sub> x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2514	44	50	BAYCURB027B

**Table LPC-14-B — Standard Efficiency ReliaTel™ Units (R-410A)**

Tons	Unit Model No.	Power Supply Volts/Phase/Hz	Performance EER	Cooling Capacity (Btu/h)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	MCA <sup>②</sup>	Max Fuse Size or Max Circuit Breaker <sup>①</sup>	Downflow <sup>③</sup> Roofcurb
12½	TS*150G3R0A0000	208-230/3/60	12.2	140,000	50 <sup>1</sup> / <sub>8</sub> x 71 <sup>5</sup> / <sub>8</sub> x 107 <sup>5</sup> / <sub>16</sub>	1781	64	80	BAYCURB026B
15	TS*180G3R0A0000	208-230/3/60	12.2	176,000	54 x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2281	75	100	BAYCURB027B
17½	TS*210G3R0A0000	208-230/3/60	12.2	193,000	54 x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2292	93	125	BAYCURB027B
20	TS*240G3R0A0000	208-230/3/60	11.4	240,000	54 x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2353	108	125	BAYCURB027B
25	TS*300G3R0A0000	208-230/3/60	11.4	272,000	54 x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2337	124	150	BAYCURB027B
12½	TS*150G4R0A0000	460/3/60	12.2	140,000	50 <sup>1</sup> / <sub>8</sub> x 71 <sup>5</sup> / <sub>8</sub> x 107 <sup>5</sup> / <sub>16</sub>	1781	31	40	BAYCURB026B
15	TS*180G4R0A0000	460/3/60	12.2	176,000	54 x 85 5/16 x 122 <sup>5</sup> / <sub>16</sub>	2281	28	50	BAYCURB027B
17½	TS*210G4R0A0000	460/3/60	12.2	193,000	54 x 85 5/16 x 122 <sup>5</sup> / <sub>16</sub>	2292	44	60	BAYCURB027B
20	TS*240G4R0A0000	460/3/60	11.4	240,000	54 x 85 5/16 x 122 <sup>5</sup> / <sub>16</sub>	2353	52	70	BAYCURB027B
25	TS*300G4R0A0000	460/3/60	11.4	272,000	54 x 85 5/16 x 122 <sup>5</sup> / <sub>16</sub>	2337	59	70	BAYCURB027B
12½	TS*150GWR0A0000	575/3/60	12.2	140,000	50 <sup>1</sup> / <sub>8</sub> x 71 <sup>5</sup> / <sub>8</sub> x 107 <sup>5</sup> / <sub>16</sub>	1781	23	30	BAYCURB026B
15	TS*180GWR0A0000	575/3/60	12.2	176,000	54 x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2281	31	40	BAYCURB027B
17½	TS*210GWR0A0000	575/3/60	12.2	193,000	54 x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2292	35	50	BAYCURB027B
20	TS*240GWR0A0000	575/3/60	11.4	240,000	54 x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2353	44	60	BAYCURB027B
25	TS*300GWR0A0000	575/3/60	11.4	272,000	54 x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2337	48	60	BAYCURB027B

① HACR type circuit breaker per NEC.

② Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

③ Downflow only.

④ 278,000 in the horizontal airflow configuration.

\* Digit 3 - H = Horizontal or D = Downflow.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

# Packaged Cooling with ReliaTel™ Controls 12½-25 Tons (Model Digit Numbers)

Digit	Description	Order Number	Digit	Description	Order Number
1	<b>Unit Type</b>			Through The Base Electric/Gas <sup>①</sup>	C
	Packaged Cooling, Electric Heat	T		Through The Base Access <sup>①</sup>	D
	Packaged Gas/Electric	Y	19	<b>Disconnect Switch/Circuit Breaker</b>	
2	<b>Efficiency</b>			No Disconnect/circuit break	0
	Standard Efficiency	S	Unit Mounted Non-Fused Disconnect Switch	1	
	High Efficiency	H	Unit Mounted Circuit Breaker	2	
3	<b>Airflow Configuration</b>		20	<b>Convenience Outlet Option</b>	
	Downflow	D		Without Convenience Outlet	0
	Horizontal	H	Unpowered Convenience Outlet	A	
4-6	<b>Nominal Gross Cooling Capacity (MBh)</b>		Powered Convenience Outlet	B	
	12½ Tons	150	21	<b>Communications Options</b>	
	15 Tons	180		Without Communications Options	0
	17½ Tons	210		Novar 2024 Controls Interface <sup>④</sup>	3
	20 Tons	240		Novar 3051 Controls Interface <sup>④</sup>	4
25 Tons	300	Novar 3051 Communications Interface with Demand Control Ventilation <sup>④</sup>		5	
7	<b>Major Design Sequence</b>		Building Automation Control Network Communications Interface	6	
	Microchannel Type Condenser Coils	F	22	<b>Refrigeration System Option</b>	
8	<b>Voltage Selection</b>			Standard refrigeration system	0
	208-230/60/3	3	Thermal Expansion Valve (TXV)	A	
	460/60/3	4	Dehumidification (Hot Gas Reheat)	B	
	575/60/3	W	23	<b>Refrigeration Controls</b>	
380/60/3	K	Without Refrigeration Controls		0	
9	<b>Unit Controls</b>		Frostat	1	
	ReliaTel™	R	24	<b>Smoke Detector</b>	
10	<b>Heating Capacity</b>			Without Smoke Detector	0
	No Heat <sup>②</sup>	0	Return Air Smoke Detector	A	
	18 kW Electric Heat <sup>②</sup>	G	Supply Air Smoke Detector	B	
	27 kW Electric Heat <sup>②</sup>	K	Return/Supply Air Smoke Detector	C	
	36 kW Electric Heat <sup>②</sup>	N	Plenum Smoke Detector	D	
	54 kW Electric Heat <sup>②</sup>	P	25	<b>System Monitoring Controls</b>	
	72 kW Electric Heat <sup>②</sup>	R		No Monitoring Controls	0
	Gas Heat - High <sup>①</sup>	H		Clogged Filter Switch	1
	Gas Heat - Low <sup>①</sup>	L		Fan Failure Switch	2
	Gas Heat - SS Ht Ex - Modulating <sup>①</sup>	V		Discharge Air Sensing	3
Gas Heat - SS Ht Ex - Low <sup>①</sup>	X	Clogged Filter Switch and Fan Failure switch		4	
Gas Heat - SS Ht Ex - High <sup>①</sup>	Z	Clogged Filter Switch and Discharge Air Sensing		5	
11	<b>Minor Design Sequence</b>			Fan Failure Switch and Discharge Air Sensing	6
	<b>Service Sequence</b>			Clogged Filter Switch, Fan Failure Switch and Discharge Air Sensing	7
12-13	<b>Fresh Air Selection</b>			NOVAR Return Air Sensor (Novar 2024) <sup>④</sup>	8
	No Fresh Air	0	NOVAR Zone Temp Sensor (Novar 3051) <sup>④</sup>	9	
	Econ Dry Bulb w/ Barometric Relief	D	Condensate Drain Pan Overflow Switch	A	
	Econ Reference Enthalpy w/Barometric Relief	F	Clogged Filter Switch and Condensate Drain Pan Overflow Switch	B	
	Econ Comparative Enthalpy w/Barometric Relief	H	Fan Failure Switch and Condensate Drain Pan Overflow Switch	C	
	Low Leak Economizer, Dry Bulb with Barometric Relief	K	Discharge Air Sensing and Condensate Drain Pan Overflow Switch	D	
	Low Leak Economizer, Comparative Enthalpy with Barometric Relief	M	Clogged Filter Switch, Fan Failure Switch and Condensate Drain Pan Overflow Switch	E	
	Low Leak Economizer, Reference Enthalpy with Barometric Relief	P	Clogged Filter Switch, Discharge Air Sensing Tube and Condensate Drain Pan Overflow Switch	F	
	15	<b>Supply Fan/Drive Type/Motor</b>		Fan Failure Switch, Discharge Air Sensing Tube and Condensate Drain Pan Overflow Switch	G
		Standard Motor	0	Clogged Filter Switch, Fan Failure Switch, Discharge Air Sensing and Condensate Drain Pan Overflow Switch	H
Oversized Motor		1	26	<b>System Monitoring Controls</b>	
High Efficiency Motor		3		No Monitoring Controls	0
Single Zone Variable Air Volume Standard Motor		6	Demand Control Ventilation (CO <sub>2</sub> ) <sup>⑤</sup>	A	
Multi-Speed Standard Motor		7	Fault Detection and Diagnostics (FDD)	B	
Single Zone Variable Air Volume Oversized Motor		8	Fault Detection and Diagnostics (FDD) with Demand Control Ventilation	C	
Multi-Speed Oversized Motor		9	27	<b>Unit Hardware Enhancements</b>	
Single Zone Variable Air Volume Standard Motor w/Shaft Ground Ring		A		No Enhancements	0
Multi-Speed Standard Motor w/Shaft Ground Ring		B	Stainless Steel Drain Pan	1	
Single Zone Variable Air Volume Oversized Motor w/Shaft Ground Ring	C	28	<b>Short Circuit Current Rating (SCCR)</b>		
Multi-Speed Oversized Motor w/Shaft Ground Ring	D		Standard SCCR	0	
16	<b>Hinged Service Access / Filters</b>		65 kA SCCR	A	
	Standard Panels/Standard Filters	0	31	<b>Advanced Unit Controls</b>	
	Hinged Access/Standard Filters	A		Standard Unit Controls	0
	Standard Panels/MERV 8 Filters	B	Human Interface	1	
	Hinged Access/MERV 8 Filters	C	18	<b>Through The Base Provisions.</b>	
Standard Panels/MERV 13 Filters	D	No Through The Base Provisions <sup>③</sup>		0	
Hinged Access/MERV 13 Filters	E	Through The Base Electric <sup>③</sup>		A	
17	<b>Condenser Coil Protection</b>		Through The Base Gas <sup>①</sup>	B	
	Standard Coil	0			
	Standard Coil With Hail Guard	1			
	CompleteCoat™ Condenser Coil	4			
	CompleteCoat™ Condenser Coil with Hail Guard	5			
18	<b>Through The Base Provisions.</b>				
	No Through The Base Provisions <sup>③</sup>	0			
	Through The Base Electric <sup>③</sup>	A			
	Through The Base Gas <sup>①</sup>	B			

① Applicable to Digit 1 Y models only.  
 ② Applicable to Digit 1 T models only.  
 ③ Applicable to Digit 1, T or Y models.

④ Novar is not available with SZ VAV products.  
 ⑤ Demand Control Ventilation Option includes wiring only. The CO<sub>2</sub> sensor is a field-installed only option.

**Note:** Most Factory Installed Options available for Downflow Air Discharge units only. Please verify with ordering system for availability.

**For additional Controls Information:  
 See ReliaTel™ and Micro Control features on PC-12 and PC-13.**

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

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## Packaged Cooling with ReliaTel™ Controls 12½-25 Tons, R-410A Zone Sensors / Thermostats

Table LPC-16-B — Zone Sensors for ReliaTel™

Model Number	Description	Used With
ASYSTAT106A	Single Setpoint Manual Changeover	YC*150-301
ASYSTAT108A	Dual Setpoint Manual or Automatic Changeover	YC*150-301
ASYSTAT111A	Remote Room Sensor	ASYSTAT777A
ASYSTAT777A	Programmable Night Setback	YC*150-301
ASYSTAT710A	Wall Mounted Humidity Sensor	YFD151,181,241 (with Reheat)
ASYSTAT711A	Duct Mounted Humidity Sensor	YFD151,181,241 (with Reheat)
BAYSENS924AⓈ	Title 24 Zone Sensor	All
BAYMTPL110A	Retrofit Wall Cover Plate Kit 7.25" x 6.0"	ASYSTAT777A

Ⓢ Must be used with ReliaTel™ Control and BCI Communications Interface

Read Only



# Packaged Cooling with ReliaTel™ Controls 12½-25 Tons Accessories

**Table LPC-17-A — Field Installed Accessories**

For complete list of of All Factory Installed Options refer to FLOPS section of this book.

Model Number	Description	Used With
BAYBCIR001A	BACnet™ Communication Interface	All Voyagers
BAYABRD002B <sup>②</sup>	ReliaTel™ Options Module	All Voyagers
BAYCO2K002B <sup>③</sup>	CO <sub>2</sub> Sensor Wall Mounted	All Voyagers w/Economizers
BAYCO2K004B <sup>③</sup>	CO <sub>2</sub> Sensor Duct Mounted	All Voyagers w/Economizers
BAYCURB026B <sup>⑤⑥</sup>	Downflow Roof Curb (Can not be adapted for horizontal use)	TSD150F
BAYCURB027B <sup>⑤⑥</sup>	Downflow Roof Curb (Can not be adapted for horizontal use)	THD150F-300F, TSD180-300F
BAYDFPS005A <sup>⑦⑧</sup>	Clogged Filter Switch (MERV 7)	All Voyagers
BAYDFPS006A <sup>⑦⑧</sup>	Fan Failure Switch	All Voyagers
BAYDFPS013A	Clogged Filter Switch (MERV 13)	All Voyagers
BAYDMPR029C	0-25% Manual Outside Air Damper	All Voyagers
BAYDMPR057A	0-50% Motorized Outside Air Damper	TSD150F
BAYDMPR058A	0-50% Motorized Outside Air Damper	TSD151F-300F, TSD180F-300F
BAYECON089A <sup>⑨</sup>	Downflow Economizer with Barometric Relief	TSD150F
BAYECON090A <sup>⑨</sup>	Downflow Economizer with Barometric Relief	TSD151F-300F, TSD180F-300F
BAYECON091A	Horizontal Economizer	TSH150F
BAYECON092A	Horizontal Economizer	TSH151F-300F, TSF180F-300F
BAYECON700A	Downflow Low Leak Economizer	TSD150F
BAYECON701A	Downflow Low Leak Economizer	TSD180F-300F, THD150F, THD180-300F
BAYENTH007A <sup>①②</sup>	Reference Enthalpy Kit	All BAYECON089-92A
BAYENTH008A <sup>①③</sup>	Comparative Enthalpy Kit	All BAYECON089-92A
BAYFRST003A	High Temperature Stat	All Voyagers
BAYGARD144A <sup>④</sup>	Tool-less Hail Guard	TS*150F
BAYGARD145A <sup>④</sup>	Tool-less Hail Guard	TH*150F, TS*210F, TS*240F, TS*300F
BAYGARD150A	Tool-less Hail Guard	TH*180F, TH*210F, TH*240F, TH*300F
BAYHSDR005B <sup>④</sup>	High Static Drive	TS*150F, TH*150F, TH*180F
BAYHSDR010A <sup>④</sup>	High Static Drive	TH*210F, TH*240F, TS*300F
BAYHSDR011A <sup>④</sup>	High Static Drive	TS*210F, TS*240F, TH*300F
BAYHSDR016A	High Static Drive	TS*180F

- ① Kit contains all necessary parts to achieve desired level of Enthalpy Control.
- ② Reference Enthalpy senses outside temperature/humidity and inside return/mixed air temperature/humidity.
- ③ Comparative Enthalpy senses outside temperature/humidity and inside return/mixed air temperature/humidity.
- ④ High static drive and oversized motors are mutually exclusive, Do Not Combine.
- ⑤ Clarksville manufacturing has a no return policy for this roof curb.
- ⑥ For downflow use only. Can not be adapted for horizontal units.
- ⑦ BAYABRD002B is required when ordering field installed BAYDFPS005A or 006A, BAYTUBE008A or 009A and BAYLOAM023A or BAYVNOR002B.
- ⑧ Field or factory installed option.
- ⑨ Field installed accessory. Requires an economizer.

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# Packaged Cooling with ReliaTel™ Controls 12½-25 Tons Accessories

**Table LPC-18-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
BAYHSMT039B①⑥	5HP Oversized Motor Kit (208-230/460V)	TS*150F
BAYHSMT040B①⑥	5HP Oversized Motor Kit (575V)	TS*150F
BAYHSMT055B①⑥	5HP Oversized Motor Kit (208-230/460V)	TS*180F
BAYHSMT042A①⑥	7-1/2HP Oversized Motor Kit (575V)	TS*210F, TH*210F, TS*240F, TH*240F
BAYHSMT072A①⑥	7-1/2HP Oversized Motor Kit (575V)	TS*180F, TH*180F
BAYHSMT098A①⑥	7-1/2HP Oversized Motor Kit (208-230V)	TH*210F, TH*240F
BAYHSMT099A①⑥	7-1/2HP Oversized Motor Kit (460V)	TH*210F, TH*240F
BAYLOAM023A⑥	Evaporator Defrost Control Frostat	TS*150F, TH*150F, TS*180F TS*210F, TS*240F, TS*300F
BAYLOAM031A	Evaporator Defrost Control Frostat	TH*180F, TH*210F, TH*240F, TH*300F
BAYLSDR004A②	Low Static Drive	TS*150F, TS*180F, TS*210F TH*210F, TH*240F, TS*240F
BAYLSDR002A②	Low Static Drive	TH*150F, TH*180F, TH*300F
BAYPWRX029A	Power Exhaust for all Voyagers 12½-25 Ton 230V units	BAYECON089-090A, TCD150-301
BAYPWRX030A	Power Exhaust for all Voyagers 12½-25 Ton 460V units	BAYECON089-090A, TCD150-301
BAYPWRX031A	Power Exhaust for all Voyagers 12½-25 Ton 575V units	BAYECON089-090A, TCD150-301
BAYSERV001A	Selective Resistance Service Tester	All TC*150F-TC*301F
BAYSTAT023③	Remote Potentiometer	All Economizers and 0-50% Motorized Air Dampers
BAYTUBE008A④⑤⑥	Discharge Air Sensing Kit	All TCD150F-TCD301F
BAYTUBE009A④⑤⑥	Discharge Air Sensing Kit	All TCH150F-TCH301F
BAYQACB044A	Adapter Curb	BAYCURB026A/B to BAYCURB027A/B
BAYVNOR002B⑤	Ventilation Override Kit	TC*150-301 w/ReliaTel™ Options Module

- ① High static drive and oversized motors are mutually exclusive, Do Not Combine.
- ② Low static drive and oversized motors are mutually exclusive, Do Not Combine.
- ③ Cannot be used with Integrated Comfort™ Systems.
- ④ Used for true discharge air sensing in both heating and cooling models.
- ⑤ BAYABRD002B is required when ordering field installed BAYDFPS005A or 006A, BAYTUBE008A or 009A and BAYLOAM031A or BAYVNOR002B.
- ⑥ Field or factory installed option.



# Packaged Cooling with ReliaTel™ Controls 12½-25 Tons Heaters

**Table LPC-19-A — Downflow Supplementary Heaters:**

Model Number	Power Supply	kW Rating	Nominal BTUH	No. Stages	Used With
AYDHTRK318A	208-230/3/60	13.5/18.0	46,100/61,400	1	TSD150F-180F, THD150F-180F
AYDHTRK336A	208-230/3/60	27.0/36.0	92,200/122,900	2	TSD150F-180F, THD150F-180F
AYDHTRK354A	208-230/3/60	40.5/54.0	138,200/184,300	2	TSD150F-180F, THD150F-180F
AYDHTRL418A	460/3/60	18.0	61,400	1	TSD150F-180F, THD150F-180F
AYDHTRK427A	460/3/60	27.0	92,150	2	THD180F
AYDHTRK436A	460/3/60	36.0	122,900	2	TSD150F-180F, THD150F-180F
AYDHTRK454A	460/3/60	54.0	184,300	2	TSD150F-180F, THD150F-180F
AYDHTRL336A	208-230/3/60	27.0/36.0	92,200/122,900	2	TSD210F-300F, THD210-300F
AYDHTRL354A	208-230/3/60	40.5/54.0	138,200/184,300	2	TSD210F-300F, THD210-300F
AYDHTRK372A	208-230/3/60	54.0/72.0	184,300/245,700	2	TSD210F-300F, THD210-300F
AYDHTRL427A	460/3/60	27.0	92,150	2	THD210F, THD240-300F
AYDHTRL436A	460/3/60	36.0	122,900	2	TSD210F-300F, THD210-300F
AYDHTRL454A	460/3/60	54.0	184,300	2	TSD210F-300F, THD210-300F
AYDHTRK472A	460/3/60	72.0	245,700	2	TSD210F-300F, THD210-300F

**Table LPC-19-B — Horizontal Supplementary Heaters:**

Model Number	Power Supply	kW Rating	Nominal BTUH	No. Stages	Used With
AYHHTRN318A	208-230/3/60	13.5/18.0	46,000/61,400	1	TSH150F, TSH180F
AYHHTRP336A	208-230/3/60	27.0/36.0	92,200/122,900	2	TSH150F, TSH180F
AYHHTRP354A	208-230/3/60	40.5/54.0	138,200/184,300	2	TSH150F, TSH180F
AYHHTRN418A	460/3/60	18.0	61,400	1	TSH150F, TSH180F
AYHHTRP436A	460/3/60	36.0	122,900	2	TSH150F, TSH180F
AYHHTRP454A	460/3/60	54.0	184,300	2	TSH150F, TSH180F
AYHHTRN336A	208-230/3/60	27.0/36.0	92,200/122,900	2	TSH210-300F, THH210-300F
AYHHTRN354A	208-230/3/60	40.5/54.0	138,200/184,300	2	TSH210-300F, THH210-300F
AYHHTRN372A	208-230/3/60	54.0/72.0	184,300/245,700	2	TSH210-300F, THH210-300F
AYHHTRN436A	460/3/60	36.0	122,900	2	TSH210-300F, THH210-300F
AYHHTRN454A	460/3/60	54.0	184,300	2	TSH210-300F, THH210-300F
AYHHTRN472A	460/3/60	72.0	245,700	2	TSH210-300F, THH210-300F
AYHHTRM318A	208-230/3/60	13.5/18.0	46,100/61,400	1	THH150F, THH180F
AYHHTRM336A	208-230/3/60	27.0/36.0	92,200/122,900	2	THH150F, THH180F
AYHHTRM354A	208-230/3/60	40.5/54.0	138,200/184,300	2	THH150F, THH180F
AYHHTRM418A	460/3/60	18.0	61,400	1	THH150F, THH180F
AYHHTRM436A	460/3/60	36.0	122,900	2	THH150F, THH180F
AYHHTRM454A	460/3/60	54.0	184,300	2	THH150F, THH180F

Note: Unit with heater is single circuit/single point.

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## Packaged Cooling with ReliaTel™ Controls 12½-25 Tons Heaters

**Table LPC-20-A — Downflow Supplementary Heaters:**

Model Number	Power Supply	kW Rating	Nominal BTUH	No. Stages	Used With
AYDHTRLW54A	575/3/60	54.0	184,300	2	TSD210-300F, THD210-300F
AYDHTRKW18A	575/3/60	18.0	61,400	1	TSD150-180F, THD150-180F
AYDHTRKW54A	575/3/60	54.0	184,300	2	TSD150-180F, THD150-180F
AYDHTRKW72A	575/3/60	72.0	245,700	2	TSD210-300F, THD210-300F
AYDHTRMW36A	575/3/60	36.0	122,900	2	TSD150-300F, THD150-300F

**Table LPC-20-B — Horizontal Supplementary Heaters:**

Model Number	Power Supply	kW Rating	Nominal BTUH	No. Stages	Used With
AYHHTRMW18A	575/3/60	18.0	61,400	1	THH150F, THH180F
AYHHTRMW36A	575/3/60	36.0	122,900	2	TSH210F-300F, TSH150F-300F
AYHHTRMW54A	575/3/60	54.0	184,300	2	THH150F, THH180F
AYHHTRNW18A	575/3/60	18.0	61,400	1	TSH150F, TSH180F
AYHHTRNW54A	575/3/60	54.0	184,300	2	TSH210F-300F, THH210F-300F
AYHHTRNW72A	575/3/60	72.0	245,700	2	TSH210F-300F, THH210F-300F
AYHHTRPW36A	575/3/60	36.0	122,900	2	TSH150F, TSH180F
AYHHTRPW54A	575/3/60	54.0	184,300	2	TSH150F, TSH180F

Note: Unit with heater is single circuit/single point.

**For additional Controls Information:  
See ReliaTel™ and Micro Control features on LPC-12 and LPC-13.**

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

# Foundation™ Packaged Cooling 3-5 Tons, R-410A



- Scroll compressors on all units
- Operating Charge of R-410A
- Low ambient operation of 40 F as standard
- Color coded and numbered wiring
- Single side service access
- Provisions for through the base connections
- Phase monitor on all units
- Convertible airflow on all units
- Non-corrosive drain pan
- Separate high and low voltage areas in control box
- **5-year limited compressor and heat exchanger warranty**

**Table LPC-21-A — Foundation™ - R-410A - Electromechanical Controls**

Tons	Unit Model No	Power Supply Volts/Phase/Hz	Performance SEER	Cooling Capacity (Btuh)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	MCA**	Max Fuse Size or Max Circuit Breaker**	Downflow Roofcurb <sup>①</sup>
<b>GBC - Three Phase No Heat</b>									
3	EBC036A3E0A0000	208-230/3/60	14.0	36,000	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	523	19.5	25	BAYCURB320A
4	EBC048A3E0A0000	208-230/3/60	14.0	48,000	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	566	23.6	35	BAYCURB320A
5	EBC060A3E0A0000	208-230/3/60	14.0	57,500	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	586	26.4	40	BAYCURB320A
3	EBC036A4E0A0000	460/3/60	14.0	36,000	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	523	10.5	15	BAYCURB320A
4	EBC048A4E0A0000	460/3/60	14.0	48,000	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	566	11	15	BAYCURB320A
5	EBC060A4E0A0000	460/3/60	14.0	57,500	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	586	12.9	20	BAYCURB320A
3	EBC036AWE0A0000	575/3/60	14.0	36,000	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	523	6.8	15	BAYCURB320A
4	EBC048AWE0A0000	575/3/60	14.0	48,000	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	566	8.1	15	BAYCURB320A
5	EBC060AWE0A0000	575/3/60	14.0	57,500	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	586	9.2	15	BAYCURB320A

<sup>①</sup> For Downflow units only.

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

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# Foundation™ Packaged Cooling 3-5 Ton Accessories

**Table LPC-22-A — Foundation™ — Field Installed Accessories**

Model Number	Description	Used With
BAYCURB320A	Roof curb	All
BAYGARD320A	Tool-less Hail Guard	All
BAYTBUE320A	Through the base - Elec.	All
BAYDSCF320A	Unit Mounted Disconnect - cooling only, 100 Amp	GBC, EBC No Elec Heat
BAYDSCF321A	Unit Mounted Disconnect - electric heat, 100 Amp	EBC w/Elec Heat
BAYCO2K300A	Wall Mounted CO2 Sensor	All
BAYCO2K301A	Duct Mounted CO2 Sensor	All
BAYCOSW320A	Condensate Overflow	All
BAYCCHT010B	CCH - 208-230V (40 W) 6.5"	E/GBC(048 & 060)A3
BAYCCHT011B	CCH - 460V/572V (40W) 6.5"	E/GBC(048 & 060A)(4 & W)
BAYCCHT103A	CCH - 208-230V (40 W) 5.5"	E/GBC036A3
BAYCCHT405A	CCH - 460V/572V (40W) 5.5"	E/GBC036A(4 & W)
BAYLOAM330A	Frostat	All
BAYLOAM340A	Low Ambient Kit	All
BAYASCT001	Compressor Short Cycle Timer	All
BAYHSMT320A	2 HP Oversize motor Kit (208-230/460V)	All
BAYHSMT321A	2 HP Oversize motor Kit (380V)	All
BAYHSMT322A	2 HP Oversize motor Kit (575V)	All
BAYDMPR321A	Damper, Manual 3-5T	All
BAYDMPR320A	Damper, Motorized 3-5T	All
BAYBARO320A	Barometric Relief Damper, 3-5T	All
BAYECON320A	Economizer, Dry Bulb, Downflow 3-5T	All
BAYENTH320A	Reference Enthalpy Economizer, 3-5T	All
BAYENTH321A	Comparative Enthalpy Economizer, 3-5T	All
BAYECON353A②	Low Leak Economizer, Dry Bulb, Downflow W/FDD, 3-5T	All
BAYECON354A②	Low Leak Economizer, Dry Bulb, Horizontal W/FDD, 3-5T	All
BAYENTH323A②	Comparative Enthalpy, LLE W/FDD, 3-5T	All
BAYENTH322A②	Reference Enthalpy, LLE W/FDD, 3-5T	All
BAYBARO321A②	Barometric Relief Damper, LLE W/FDD, 3-5T	All
BAYPWRX320A①	Power Exhaust, 3-5T DF, 230V	All
BAYPWRX321A①	Power Exhaust, 3-5T DF, 460V	All
BAYPWRX322A①	Power Exhaust, 3-5T DF, 575V	All

① Please check availability.  
② FDD = Fault Detection & Diagnostics.

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HEATING & AIR CONDITIONING

## Foundation™ Packaged Cooling 3-5 Ton Heaters

Light Commercial  
Packaged Cooling

**Table LPC-23-A — Foundation™ - R-410A - Field Installed Accessories**

Model No	Power Supply	kW Rating	Nominal BTUH)	No. Stages	Used With
BAYHTFA305A	208-230/3/60	3.5 / 4.7	12,800 / 17,100	1	EBC*A3*
BAYHTFA307A	208-230/3/60	5.6 / 7.5	19,200 / 25,600	1	EBC*A3*
BAYHTFA310A	208-230/3/60	7.5 / 10	25,700 / 34,200	1	EBC*A3*
BAYHTFA315A	208-230/3/60	10.8 / 14.4	38,400 / 51,200	1	EBC*A3*
BAYHTFA320A	208-230/3/60	15 / 20	51,300 / 68,300	2	EBC048A3*, EBC060A3*
BAYHTFA325A	208-230/3/60	18.8 / 25	64,100 / 85,400	2	EBC060A3*
BAYHTFA405A	460/3/60	5	17,100	1	EBC*A4*
BAYHTFA407A	460/3/60	7.5	25,600	1	EBC*A4*
BAYHTFA410A	460/3/60	10	34,200	1	EBC*A4*
BAYHTFA415A	460/3/60	15	51,200	1	EBC*A4*
BAYHTFA420A	460/3/60	20	68,300	2	EBC048A4*, EBC060A4*
BAYHTFA425A	460/3/60	25	85,400	2	EBC060A4*
BAYHTFAW10A	575/3/60	10	34,200	1	EBC*AW*
BAYHTFAW15A	575/3/60	15	51,200	1	EBC*AW*
BAYHTFAW20A	575/3/60	20	68,300	2	EBC048AW*, EBC060AW*
BAYHTFAW25A	575/3/60	25	85,400	2	EBC060AW*

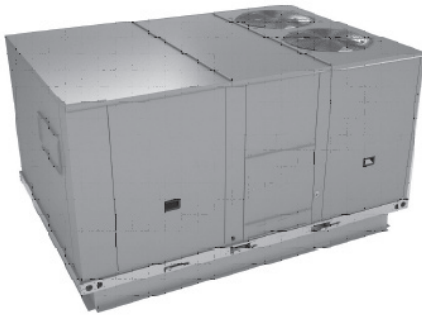
Read Only

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

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**American Standard**  
HEATING & AIR CONDITIONING

# Foundation™ Packaged Cooling 15-25 Tons, R-410A



- Scroll compressors on all units
- Operating charge of R-410A
- Low ambient operation to 40°F as standard
- Color coded and numbered wiring
- Single side service access
- Molded handles on service access doors
- Separated high and low voltage compartments
- Liquid Line Refrigerant Drier
- Provisions for through the base connections
- Phase monitor on all units
- Convertible airflow
- Two inch throwaway filters as standard
- Non-corrosive & removable drain pan
- **5-year limited compressor warranty (15-25 tons)**

**Table PC-24-A — Foundation™ — R-410A — Electromechanical Controls**

Tons	Unit Model No.	Power Supply Volts/Phase/Hz	Performance IEER	Cooling Capacity (Btuh)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	MCA	Max Fuse Size or Max Circuit Breaker <sup>Ⓞ</sup>	Downflow Roofcurb
15	EBC180A3E0A0000	208-230/3/60	11.5	183,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>15</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,020	79	100	BAYCURB027B
17 <sup>1</sup> / <sub>2</sub>	EBC210A3E0A0000	208-230/3/60	11.5	212,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>15</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,074	91	110	BAYCURB027B
20	EBC240A3E0A0000	208-230/3/60	10.8	252,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>15</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,163	117	150	BAYCURB027B
25	EBC300A3E0A0000	208-230/3/60	10.2	290,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>15</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,208	124	150	BAYCURB027B
15	EBC180A4E0A0000	460/3/60	11.5	183,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>15</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,020	37	45	BAYCURB027B
17 <sup>1</sup> / <sub>2</sub>	EBC210A4E0A0000	460/3/60	11.5	212,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>15</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,074	42	50	BAYCURB027B
20	EBC240A4E0A0000	460/3/60	10.8	252,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>15</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,163	53	70	BAYCURB027B
25	EBC300A4E0A0000	460/3/60	10.2	290,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>15</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,208	56	70	BAYCURB027B
15	EBC180AWE0A0000	575/3/60	11.5	183,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>15</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,020	31	40	BAYCURB027B
17 <sup>1</sup> / <sub>2</sub>	EBC210AWE0A0000	575/3/60	11.5	212,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>15</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,074	34	40	BAYCURB027B
20	EBC240AWE0A0000	575/3/60	10.8	252,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>15</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,163	42	50	BAYCURB027B
25	EBC300AWE0A0000	575/3/60	10.2	290,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>15</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,208	47	60	BAYCURB027B

**Table PC-24-B — Foundation™ — R-410A — Electromechanical Controls - 2-Speed Fan**

Tons	Unit Model No.	Power Supply Volts/Phase/Hz	Performance IEER	Cooling Capacity (Btuh)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	MCA	Max Fuse Size or Max Circuit Breaker <sup>Ⓞ</sup>	Downflow Roofcurb
<b>EBC* - Three Phase No Heat</b>									
15	EBC180A3E0A1DQY	208-230/3/60	12.8	183,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>15</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,020	79	100	BAYCURB027B
17 <sup>1</sup> / <sub>2</sub>	EBC210A3E0A1DQY	208-230/3/60	12.8	212,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>15</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,074	91	110	BAYCURB027B
20	EBC240A3E0A1DQY	208-230/3/60	11.9	252,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>15</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,163	117	150	BAYCURB027B
25	EBC300A3E0A1DQY	208-230/3/60	11.7	290,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>15</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,208	124	150	BAYCURB027B
15	EBC180A4E0A1DQY	460/3/60	12.8	183,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>15</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,020	37	45	BAYCURB027B
17 <sup>1</sup> / <sub>2</sub>	EBC210A4E0A1DQY	460/3/60	12.8	212,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>15</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,074	42	50	BAYCURB027B
20	EBC240A4E0A1DQY	460/3/60	11.9	252,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>15</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,163	53	70	BAYCURB027B
25	EBC300A4E0A1DQY	460/3/60	11.7	290,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>15</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,208	56	70	BAYCURB027B
15	EBC180AWE0A1DQY	575/3/60	12.8	183,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>15</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,020	31	40	BAYCURB027B
17 <sup>1</sup> / <sub>2</sub>	EBC210AWE0A1DQY	575/3/60	12.8	212,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>15</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,074	34	40	BAYCURB027B
20	EBC240AWE0A1DQY	575/3/60	11.9	252,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>15</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,163	42	50	BAYCURB027B
25	EBC300AWE0A1DQY	575/3/60	11.7	290,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>15</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,208	47	60	BAYCURB027B

<sup>Ⓞ</sup> HACR Circuit Breaker Type Per NEC.

Information subject to change. Please confirm with current Product Data for current factory production.

# Foundation™ Packaged Cooling 15-25 Tons Accessories

**Table LPC-25-A — Foundation™ - R-410A - Field Installed Accessories**

Model Number	Description	Used With
BAYTBUE300A	Through the Base Electrical Connections	All Foundation 15-25 Ton Units
BAYDSCF300A	Unit Mounted Disconnect, 100 Amp Not for use when electric heat installed	EAC180A4* - EAC300A4*, EAC180AW* - EAC300AW*
BAYDSCF301A	Unit Mounted Disconnect, 150 Amp Not for use when electric heat installed	EAC180A3* - EAC300A3*
BAYDSCF302A	Unit Mounted Disconnect, 100 Amp	BAYHTFA318A, BAYHTFA418A, BAYHTFAW18A, BAYHTFA436A, BAYHTFA454A, BAYHTFBW36A, BAYHTFAW54A, BAYHTFBW54A, BAYHTFBW72A, BAYHTFAW72A
BAYDSCF303A	Unit Mounted Disconnect, 150 Amp	BAYHTFA472A, BAYHTF4372A, BAYHTFA336A, BAYHTFB336A, BAYHTFB454A
BAYDSCF304A	Unit Mounted Disconnect, 250 Amp	BAYHTFA372A, BAYHTFB372A, BAYHTFA354A, BAYHTFAW36A
BAYDMPR301A	Damper, Manual	EAC180A* - EAC300A*
BAYDMPR300A	Damper, Motorized	EAC180A* - EAC300A*
BAYECON300A	Economizer, Dry Bulb, Downflow	EAC180A* - EAC300A*
BAYECON301A	Economizer, Dry Bulb, Horizontal	EAC180A* - EAC300A*
BAYECON350A <sup>③</sup>	Low Leak Economizer w/FDD, Dry Bulb, Downflow	EAC180A* - EAC300A*
BAYECON351A	Low Leak Economizer w/FDD, Dry Bulb, Horizontal	EAC180A* - EAC300A*
BAYHZCN300A	Horizontal Economizer Conversion Kit	EAC180A* - EAC300A*
BAYBARO300A	Barometric Relief Damper, 15-25T	EAC180A* - EAC300A*
BAYENTH300A	Reference Enthalpy Economizer Kit	EAC180A* - EAC300A*
BAYENTH301A	Comparative Enthalpy Economizer Kit	EAC180A* - EAC300A*
BAYENTH302A <sup>③</sup>	Reference Enthalpy Economizer Kit	EAC180A* - EAC300A* w/Low Leak Economizer & FDD
BAYENTH303A <sup>③</sup>	Comparative Enthalpy Economizer Kit	EAC180A* - EAC300A* w/Low Leak Economizer & FDD
BAYCURB027B	Roof Curb	EAC180A* - EAC300A*
BAYHZRT001A	Horizontal Duct Conversion Kit	EAC180A* - EAC300A*
BAYCARR001A	Carrier Replacement Conversion Kit	EAC180A* - EAC300A*
BAYGARD300A	Condenser Hail Guard	EAC180A* - EAC300A*
BAYCCHT300A	Crankcase Heater, 70W, 230V	EAC180A3* - EAC300A3*
BAYCCHT301A	Crankcase Heater, 70W, 460V	EAC180A4* - EAC300A4*
BAYCCHT302A	Crankcase Heater, 70W, 575V	EAC180AW* - EAC300AW*
BAYASCT001	Compressor Short Cycle Timer	EAC180A* - EAC300A*
BAYLOAM300A	Low Ambient Control	EAC180A* - EAC300A*
BAYLOAM310A	Evaporator Defrost Control	EAC180A* - EAC300A*
BAYPWRX300A <sup>①</sup>	Power Exhaust, 15-25T, DF, 230V	EAC180A3* - EAC300A3*
BAYPWRX301A <sup>①</sup>	Power Exhaust, 15-25T, DF, 460V	EAC180A4* - EAC300A4*
BAYPWRX302A <sup>①</sup>	Power Exhaust, 15-25T, DF, 575V	EAC180AW* - EAC300AW*
BAYHSMT300A	High Static Motor & Drv, 5HP 230/460V	EAC180A3, EAC180A4
BAYHSMT301A	High Static Motor & Drv, 5HP 575V	EAC180AW
BAYHSMT302A	High Static Motor & Drv, 7.5HP 230/460V	EAC210A3, EAC240A3
BAYHSMT303A	High Static Motor & Drv, 7.5HP 460V	EAC210A4, EAC240A4
BAYHSMT304A	High Static Motor & Drv, 7.5HP 575V	EAC210AW, EAC240AW
BAYSHGR003A <sup>②</sup>	Shaft Grounding Ring, 0.875" Shaft	Used With 5HP VFD Motors
BAYSHGR002A <sup>②</sup>	Shaft Grounding Ring, 1.125" Shaft	Used With 7.5HP VFD Motors
BAYLSDR300A	Low Static Drive Option	EAC180A* - EAC300A*
BAYHSDR300A	High Static Drive Option	EAC180A* - EAC300A*
BAYCO2K300A	Wall Mounted CO2 Sensor	EAC180A* - EAC300A* with economizer
BAYCO2K301A	Duct Mounted CO2 Sensor	EAC180A* - EAC300A* with economizer
BAYPALT001A	Reuseable Pallet for Condenser End Unit Lifting	All Foundation 15-25 Ton Units
BAYCOSW300A	Drain Pan Overflow Switch	EAC180A* - EAC300A*
BAYSTAT300A	BACNet Enabled Thermostat	EAC180A* - EAC300A*

① Please check availability.

② See HVAC Knowledge Center for a list of compatible Carrier units.

③ FDD = Fault Detection & Diagnostics.

Information subject to change. Please confirm with current Product Data for current factory production.



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HEATING & AIR CONDITIONING

# Foundation™ Packaged Cooling 15-25 Tons Heaters

**Table LPC-26-A — Foundation™ - R-410A - Field Installed Accessories**

Model Number	Power Supply	kW Rating	Nominal BTUH	No. Stages	Used With
BAYHTFA318A	208-230/3/60	13.5/18	46,100/64,400	1	EAC180A3*
BAYHTFA336A	208-230/3/60	27/36	92,200/122,900	2	EAC180A3*, EAC210A3*
BAYHTFB336A	208-230/3/60	27/36	92,200/122,900	2	EAC240A3*, EAC300A3*
BAYHTFA354A	208-230/3/60	40.5/54	138,200/184,300	2	EAC180A3*, EAC210A3*
BAYHTFB354A	208-230/3/60	40.5/54	138,200/184,300	2	EAC240A3*, EAC300A3*
BAYHTFA372A	208-230/3/60	54/72	184,300/245,700	2	EAC210A3*
BAYHTFB372A	208-230/3/60	54/72	184,300/245,700	2	EAC240A3*, EAC300A3*
BAYHTFA418A	460/3/60	18	64,000	1	EAC180A4*
BAYHTFA436A	460/3/60	36	122,900	2	EAC180A4*, EAC210A4*
BAYHTFB436A	460/3/60	36	122,900	2	EAC240A4*, EAC400A4*
BAYHTFA454A	460/3/60	54	184,300	2	EAC180A4*, EAC210A4*
BAYHTFB454A	460/3/60	54	184,300	2	EAC240A4*, EAC400A4*
BAYHTFA472A	460/3/60	72	245,700	2	EAC210A4*
BAYHTFB472A	460/3/60	72	245,700	2	EAC240A4*, EAC400A4*
BAYHTFAW18A	575/3/60	18	64,000	1	EAC180AW*
BAYHTFAW36A	575/3/60	36	122,900	2	EAC180AW*, EAC210AW*
BAYHTFBW36A	575/3/60	36	122,900	2	EAC240AW*, EACW00AW*
BAYHTFAW54A	575/3/60	54	184,300	2	EAC180AW*, EAC210AW*
BAYHTFBW54A	575/3/60	54	184,300	2	EAC240AW*, EACW00AW*
BAYHTFAW72A	575/3/60	72	245,700	2	EAC210AW*
BAYHTFBW72A	575/3/60	72	245,700	2	EAC240AW*, EACW00AW*

Information subject to change. Please confirm with current Product Data for current factory production.

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HEATING & AIR CONDITIONING



Beveled Top  
Smoother Design  
Small compact cabinet  
Recessed access handles

## Packaged Heat Pump Convertible 3-10 Tons

### Standard Features:

- American Standard Heating & Air Conditioning scroll compressors on all 3-10 ton units
- ReliaTel™ Controls (See page LPC-12 for ReliaTel™ Control Information)
- Thermal Expansion Valve
- Colored and numbered wiring
- Phase Monitor, R-410A, 3 Phase Units
- Provisions for through the Base Condensate Drain Connections
- Patented Hybrid Condenser Coil for easy cleaning
- 2" throwaway filters provided on 3-10 ton units
- Liquid Line Refrigerant Drier
- Operating Charge of R-410A
- IAQ Sloped Drain Pans
- Single point power for electric Heat
- Low Ambient cooling to 0°F
- Anti-Short Cycle Timer (Standard with ReliaTel™)
- 5 - year Limited Compressor Warranty
- 1 - year Limited Parts Warranty

### Added Flexibility

- **New 3-5 Ton Dual Fuel Models**
- 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
- Circuit Breaker
- 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
- Comm 3/4 Communication Interface
- BACnet™ Communications Interface
- Froststat
- 2" MERV 8 filters or 2" MERV 13 filters
- Black Epoxy Pre-Coated Coils
- Crankcase Heaters
- Multi-Speed & Single Zone VAV ID Airflow
- Demand Control Ventilation
- Stainless Steel Drainpan
- Condensate Drainpan Overflow Switch

Light Commercial  
Packaged Heat Pumps

**The same American Standard Heating & Air Conditioning Quality and Reliability ... with added Flexibility!**

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

LPH-1

Effective 1/1/18  
14-1011-35

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# Packaged Heat Pump Convertible 3-5 Tons

**Table LPH-2-A — High Efficiency Unit — ReliaTel™ Microprocessor Controls**

Tons	Unit Ordering No.	Performance <sup>②</sup> SEER/HSPF	Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x D x W	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA*	Max <sup>①</sup> Fuse*
<b>WHC - 208-230/3/60 - Three Phase - No Electric Heat</b>									
3	WHC036H3R0A0000	15.8 / 8.3	40,500	41 x 44 x 69	16 x 15.5	24 x 14	619	27.0	40
4	WHC048H3R0A0000	16.5 / 8.8	48,750	41 x 53 x 88	33 x 17.5	32 x 17.5	768	29.0	40
5	WHC060H3R0A0000	16.4 / 9.0	61,000	41 x 53 x 88	33 x 17.5	32 x 17.5	773	32.0	45
<b>WHC - 460/3/60 - Three Phase - No Electric Heat</b>									
3	WHC036H3R0A0000	15.7 / 8.3	40,500	41 x 44 x 69	16 x 15.5	24 x 14	619	13.0	15
4	WHC048H3R0A0000	16.5 / 8.8	48,750	41 x 53 x 88	33 x 17.5	32 x 17.5	768	14.0	15
5	WHC060H3R0A0000	16.2 / 9.0	61,000	41 x 53 x 88	33 x 17.5	32 x 17.5	773	15.0	20
<b>WHC - 575/3/60 - Three Phase - No Electric Heat</b>									
3	WHC036HWR0A0000	15.7 / 8.3	40,500	41 x 44 x 69	16 x 15.5	24 x 14	619	11.0	15
4	WHC048HWR0A0000	16.5 / 8.8	48,750	41 x 53 x 88	33 x 17.5	32 x 17.5	768	10.0	15
5	WHC060HWR0A0000	16.2 / 9.0	61,000	41 x 53 x 88	33 x 17.5	32 x 17.5	773	12.0	15

**Table LPH-2-B — High Efficiency Dual Fuel Unit — ReliaTel™ Microprocessor Controls**

Tons	Unit Ordering No.	Performance <sup>②</sup> SEER/HSPF	Cooling Capacity (Btuh)	Gas Heating Output Capacity (Btuh) (2nd / 1st stage)	S.S. Furnace Eff%	Cabinet Dimensions (in.) H x D x W	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA*	Max <sup>①</sup> Fuse*
<b>DHC - 208-230/3/60 - Three Phase - Low Heat</b>											
3	DHC036H3RLA0000	15.7 / 8.3	40,500	48,600 / 34,200	81%	41 x 44 x 69	16 x 15.5	24 x 14	658	27.0	40
4	DHC048H3RLA0000	16.5 / 8.8	48,750	48,600 / 34,200	81%	41 x 53 x 88	33 x 17.5	32 x 17.5	845	29.0	40
5	DHC060H3RLA0000	16.2 / 8.9	61,000	48,600 / 34,200	81%	41 x 53 x 88	33 x 17.5	32 x 17.5	849	32.0	45
<b>DHC - 460/3/60 - Three Phase - Low Heat</b>											
3	DHC036H3RLA0000	15.6 / 8.3	40,500	48,600 / 34,200	81%	41 x 44 x 69	16 x 15.5	24 x 14	658	13.0	15
4	DHC048H3RLA0000	16.5 / 8.8	48,750	48,600 / 34,200	81%	41 x 53 x 88	33 x 17.5	32 x 17.5	845	14.0	15
5	DHC060H3RLA0000	16.0 / 8.9	61,000	48,600 / 34,200	81%	41 x 53 x 88	33 x 17.5	32 x 17.5	849	15.0	20
<b>WHC - 575/3/60 - Three Phase - Low Heat</b>											
3	DHC036HWR0A0000	15.6 / 8.3	40,500	48,600 / 34,200	81%	41 x 44 x 69	16 x 15.5	24 x 14	658	11.0	15
4	DHC048HWR0A0000	16.5 / 8.8	48,750	48,600 / 34,200	81%	41 x 53 x 88	33 x 17.5	32 x 17.5	845	10.0	15
5	DHC060HWR0A0000	16.0 / 8.9	61,000	48,600 / 34,200	81%	41 x 53 x 88	33 x 17.5	32 x 17.5	849	12.0	15
<b>DHC - 208-230/3/60 - Three Phase - Medium Heat</b>											
3	DHC036H3RMA0000	15.7 / 8.3	40,500	64,800 / 45,360	81%	41 x 44 x 69	16 x 15.5	24 x 14	658	27.0	40
4	DHC048H3RMA0000	16.5 / 8.8	48,750	81,000 / 56,700	81%	41 x 53 x 88	33 x 17.5	32 x 17.5	845	29.0	40
5	DHC060H3RMA0000	16.2 / 8.9	61,000	81,000 / 58,320	81%	41 x 53 x 88	33 x 17.5	32 x 17.5	849	32.0	45
<b>DHC - 460/3/60 - Three Phase - Medium Heat</b>											
3	DHC036H3RMA0000	15.6 / 8.3	40,500	64,800 / 45,360	81%	41 x 44 x 69	16 x 15.5	24 x 14	658	13.0	15
4	DHC048H3RMA0000	16.5 / 8.8	48,750	81,000 / 56,700	81%	41 x 53 x 88	33 x 17.5	32 x 17.5	845	14.0	15
5	DHC060H3RMA0000	16.0 / 8.9	61,000	81,000 / 58,320	81%	41 x 53 x 88	33 x 17.5	32 x 17.5	849	15.0	20
<b>DHC - 575/3/60 - Three Phase - Medium Heat</b>											
3	DHC036HWRMA0000	15.6 / 8.3	40,500	64,800 / 45,360	81%	41 x 44 x 69	16 x 15.5	24 x 14	658	11.0	15
4	DHC048HWRMA0000	16.5 / 8.8	48,750	81,000 / 56,700	81%	41 x 53 x 88	33 x 17.5	32 x 17.5	845	10.0	15
5	DHC060HWRMA0000	16.0 / 8.9	61,000	81,000 / 58,320	81%	41 x 53 x 88	33 x 17.5	32 x 17.5	849	12.0	15
<b>DHC - 208-230/3/60 - Three Phase - High Heat</b>											
3	DHC036H3RHA0000	15.7 / 8.3	40,500	81,000 / 56,700	81%	41 x 44 x 69	16 x 15.5	24 x 14	658	27.0	40
4	DHC048H3RHA0000	16.5 / 8.8	48,750	105,300 / 73,710	81%	41 x 53 x 88	33 x 17.5	32 x 17.5	845	29.0	40
5	DHC060H3RHA0000	16.2 / 8.9	61,000	121,500 / 85,050	81%	41 x 53 x 88	33 x 17.5	32 x 17.5	849	32.0	45
<b>DHC - 460/3/60 - Three Phase - High Heat</b>											
3	DHC036H3RHA0000	15.6 / 8.3	40,500	81,000 / 56,700	81%	41 x 44 x 69	16 x 15.5	24 x 14	658	13.0	15
4	DHC048H3RHA0000	16.5 / 8.8	48,750	105,300 / 73,710	81%	41 x 53 x 88	33 x 17.5	32 x 17.5	845	14.0	15
5	DHC060H3RHA0000	16.0 / 8.9	61,000	121,500 / 85,050	81%	41 x 53 x 88	33 x 17.5	32 x 17.5	849	15.0	20
<b>DHC - 575/3/60 - Three Phase - High Heat</b>											
3	DHC036HWRHA0000	15.6 / 8.3	40,500	81,000 / 56,700	81%	41 x 44 x 69	16 x 15.5	24 x 14	658	11.0	15
4	DHC048HWRHA0000	16.5 / 8.8	48,750	105,300 / 73,710	81%	41 x 53 x 88	33 x 17.5	32 x 17.5	845	10.0	15
5	DHC060HWRHA0000	16.0 / 8.9	61,000	121,500 / 85,050	81%	41 x 53 x 88	33 x 17.5	32 x 17.5	849	12.0	15

\* 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.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

LPH-2

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# Packaged Heat Pump Convertible 3-10 Tons

**Table LPH-3-A — Base Unit — Standard Efficiency — ReliaTel™ Microprocessor Controls**

Tons	Unit Ordering No.	Performance <sup>②</sup> SEER/EER	Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x D x W	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA*	Max <sup>①</sup> Fuse*
<b>WSC – 208-230/3/60 – Three Phase – No Electric Heat</b>									
3	WSC036H3R0A0000	14.0	39,500	41 x 44 x 69	16 x 15.5	24 x 14	612	30.0	40
4	WSC048H3R0A0000	14.0	50,000	41 x 44 x 69	16 x 15.5	24 x 14	645	30.0	40
5	WSC060H3R0A0000	14.0	61,000	41 x 53 x 88	33 x 17.5	32 x 17.5	777	34.0	50
6	WSC072E3R0A0000	12.6	78,000	47 x 53 x 88	33 x 17.5	32 x 17.5	835	36.3	50
7 1/2	WSC090E3R0A0000	12.5	94,000	47 x 53 x 88	33 x 17.5	32 x 17.5	902	38.4	60
10	WSC0120E3R0A0000	12.4	116,000	51 x 63 x 100	33 x 17.5	32 x 17.5	1388	51.9	60
<b>WSC - 460/3/60 - Three Phase High Efficiency</b>									
3	WSC036H3R0A0000	14.0	39,500	41 x 44 x 69	16 x 15.5	24 x 14	612	14.0	20
4	WSC048H3R0A0000	14.0	50,000	41 x 44 x 69	16 x 15.5	24 x 14	645	14.0	15
5	WSC060H3R0A0000	14.0	61,000	41 x 53 x 88	33 x 17.5	32 x 17.5	777	16.0	20
6	WSC072E4R0A0000	12.6	78,000	47 x 53 x 88	33 x 17.5	32 x 17.5	835	20.3	30
7 1/2	WSC090E4R0A0000	12.5	94,000	47 x 53 x 88	33 x 17.5	32 x 17.5	902	19.0	30
10	WSC0120E4R0A0000	12.4	116,000	51 x 63 x 100	33 x 17.5	32 x 17.5	1388	26.1	35
<b>WSC – 575/3/60 – Three Phase – No Heat</b>									
3	WSC036HWR0A0000	14.0	39,500	41 x 44 x 69	16 x 15.5	24 x 14	612	12.0	15
4	WSC048HWR0A0000	14.0	50,000	41 x 44 x 69	16 x 15.5	24 x 14	645	13.0	15
5	WSC060HWR0A0000	14.0	61,000	41 x 53 x 88	33 x 17.5	32 x 17.5	777	13.0	15
6	WSC072EWR0A0000	12.6	78,000	47 x 53 x 88	33 x 17.5	32 x 17.5	835	12.4	20
7 1/2	WSC090EWR0A0000	12.5	94,000	47 x 53 x 88	33 x 17.5	32 x 17.5	902	14.5	20
10	WSC0120EWR0A0000	12.4	116,000	51 x 63 x 100	33 x 17.5	32 x 17.5	1388	21.1	25

<sup>①</sup> HCAR breaker per NEC.

<sup>②</sup> SEER applies, 3-5 tons; EER applies 6-10 tons.

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# Packaged Heat Pump Convertible 3-10 Tons (Model Digit Numbers)

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Digit	Description	Order Number	Digit	Description	Order Number
1-8	<b>Main Assembly (see previous page)</b>		21	<b>Communications Options</b>	
9	<b>Unit Controls</b>			No Communications Interface.....	0
	ReliaTel™ Micro-processor.....	R		BACnet™ Communications Interface.....	6
10	<b>(See Heater Table below)</b>		22	<b>Refrigeration System Option</b>	
11	<b>Minor Design Sequence</b>			Standard Refrigeration System®.....	0
	First Sequence.....	A	23	<b>Refrigeration Controls</b>	
12-13	<b>Service Sequence</b>			No Refrigeration Control③.....	0
	First Sequence (Factory Assigned).....	*,*		Froststat®.....	1
14	<b>Fresh Air Selection</b>			Crankcase Heater⑩.....	2
	No Fresh Air.....	0		Froststat and Crankcase Heater⑩⑪.....	3
	Manual Outside Air Damper 0-50%②.....	A	24	<b>Smoke Detector</b>	
	Motorized Outside Air Damper 0-50%②.....	B		No Smoke Detector.....	0
	Economizer, Dry Bulb 0-100% without			Return Air Smoke Detector®.....	A
	Barometric Relief⑤.....	C		Supply Air Smoke Detector.....	B
	Economizer, Dry Bulb 0-100% with			Supply and Return Air Smoke Detectors®.....	C
	Barometric Relief⑤.....	D		Plenum Smoke Detector.....	D
	Economizer, Reference Enthalpy 0-100%		25	<b>System Monitoring Controls</b>	
	without Barometric Relief⑤.....	E		No Monitoring Control.....	0
	Economizer, Reference Enthalpy 0-100%			Clogged Filter Switch.....	1
	with Barometric Relief⑤.....	F		Fan Failure Switch.....	2
	Economizer, Comparative Enthalpy 0-100%			Discharge Air SensingTube.....	3
	without Barometric Relief⑤.....	G		Clogged Filter Switch and Fan Fail Switch.....	4
	Economizer, Comparative Enthalpy 0-100%			Clogged Filter Switch and Discharge Air	
	with Barometric Relief⑤.....	H		SensingTube.....	5
	Low Leak Economizer, Dry Bulb			Fan Fail Switch and Discharge Air SensingTube.....	6
	with Barometric Relief.....	K		Clogged Filter and Fan Fail Switches and	
	Low Leak Economizer, Comparative Enthalpy			Discharge Air SensingTube.....	7
	with Barometric Relief.....	M		Condensate Drain Pan Overflow Switch.....	A
	Low Leak Economizer, Reference Enthalpy			Clogged Filter Switch and Condensate Drain	
	with Barometric Relief.....	P		Pan Overflow Switch.....	B
15	<b>Supply Fan/Drive Type/Motor</b>			Fan Failure Switch and Condensate Drain	
	Standard Drive④.....	0		Pan Overflow Switch.....	C
	Oversized Motor.....	1		Discharge Air Sensing and Condensate Drain	
	Optional Belt Drive Motor.....	2		Pan Overflow Switch.....	D
	Single Zone Variable Air Volume (SZVAV).....	6		Clogged Filter Switch, Fan Failure Switch and	
	Multi-Speed Indoor Fan⑭.....	7		Condensate Drain Pan Overflow Switch.....	E
16	<b>Hinged Service Access/Filters</b>			Clogged Filter Switch, Discharge Air SensingTube	
	Standard Panels/Standard Filters.....	0		and Condensate Drain Pan Overflow Switch.....	F
	Hinged Access Panels/Standard Filters.....	A		Fan Failure Switch, Discharge Air SensingTube	
	Standard Panels/2" MERV 8 Filters.....	B		and Condensate Drain Pan Overflow Switch.....	G
	Hinged Access Panels/2" MERV 8 Filters.....	C		Clogged Filter Switch, Fan Failure Switch,	
	Standard Panels/2" MERV 13 Filters.....	D		Discharge Air Sensing and Condensate	
	Hinged Access Panels/2" MERV 13 Filters.....	E		Drain Pan Overflow Switch.....	H
17	<b>Condenser Coil Protection</b>		26	<b>System Monitoring Controls</b>	
	Standard Coil.....	0		No Monitoring Controls.....	0
	Standard Coil with Hail Guard.....	1		Demand Control Ventilation (CO <sub>2</sub> )®.....	A
	Black Epoxy Pre-Coated Condenser Coil.....	2		Fault Detection and Diagnostics (FDD).....	B
	Black Epoxy Pre-Coated Condenser Coil			Fault Detection and Diagnostics (FDD)	
	with Hail Guard.....	3		with Demand Control Ventilation.....	C
18	<b>Through the Base Provisions</b>		27	<b>Unit Hardware Enhancements</b>	
	No Through the Base Provisions.....	0		No Enhancements.....	0
	Through the Base Electric⑥.....	A		Stainless Steel Drain Pan.....	1
19	<b>Disconnect/Circuit Breaker (three-phase only)</b>		31	<b>Advanced Unit Controls</b>	
	No Disconnect/No Circuit Breaker.....	0		Standard Unit Controls.....	0
	Unit Mounted Non-Fused Disconnect⑧.....	1		Human Interface.....	1
	Unit Mounted Circuit Breaker⑥.....	2			
20	<b>Convenience Outlet</b>				
	No Convenience Outlet.....	0			
	Unpowered Convenience Outlet.....	A			
	Powered Convenience Outlet (three-phase only)⑦.....	B			

- ① Available on 3-5 ton models.
- ② Manual outside air damper will ship factory supplied within the unit, but must be field installed.
- ③ High pressure control is standard on all units.
- ④ Multispeed direct drive standard on single-phase products. Belt drive standard on three-phase 3-7½ ton. Variable speed direct drive standard on 10 ton.
- ⑤ 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.
- ⑥ Through the base electric required when ordering disconnect/circuit breaker options.
- ⑦ Requires use of Disconnect or Circuit Breaker.
- ⑧ Standard metering devices are TXVs.
- ⑨ The return air smoke detector may not fit up or work properly on the Precedent 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.
- ⑩ Requires hinged access panels.
- ⑪ Crankcase heaters are only available as option on WSC036E, WSC048E1, & WSC060E1. CCH are standard on all other units.
- ⑫ Motorized outside air damper is not available on Multi-Speed or SZVAV (Single Zone Variable Air Volume) products.
- ⑬ Froststat standard on Multi-speed and SZVAV (Single Zone Variable Air Volume) products.
- ⑭ Multi-speed indoor fan only available on 10 ton products.
- ⑮ Demand Control Ventilation Option includes wiring only. The CO<sub>2</sub> sensor is a field-installed only option.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

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# Packaged Heat Pump Convertible 3-10 Tons (Model Digit Numbers)

## 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	WSC036-060E1	6.0	(B)	20,500	1	WSC036-060E4
7.5/10.0	(D)	25,600/34,100	2	WSC036-060E1	12.0	(E)	41,000	2	WSC036-060E4
10.4/13.8	(F)	35,300/47,100	2	WSC036-060E1	17.4	(G)	59,400	2	WSC036-060E4
13.2/17.6	(G)	45,100/60,100	2	WSC048-060E1	23.0	(J)	78,500	2	WSC060E4
<b>208/240/3/60</b>					<b>575/3/60</b>				
4.5/6.0	(B)	13,400/20,500	1	WSC036-060E3	18.0	(G)	61,400	1	W*C072-120E4
9.0/12.0	(E)	30,800/59,400	2	WSC036-060E3	27.0	(K)	92,100	2	W*C072-120E4
13.1/17.4	(G)	44,600/59,400	2	WSC036-060E3	36.0	(N)	122,900	2	W*C072-120E4
17.3/23.0	(J)	58,900/78,500	2	WSC060E3	54.0	(P)	184,300	2	W*C120E4
6.75/9.0	(C)	23,000/30,700	1	W*C072-090E3					
13.5/18.0	(G)	46,100/61,400	1	W*C072-120E3	6.0	(B)	20,500	1	WSC036-060EW
20.3/27.0	(K)	69,000/92,100	2	W*C072-120E3	12.0	(E)	41,000	2	WSC036-060EW
27.0/36.0	(N)	92,200/122,900	2	W*C072-120E3	17.4	(G)	59,400	2	WSC036-060EW
40.5/54.0	(P)	138,200/184,300	2	W*C120E3	23.0	(J)	78,500	2	WSC060EW
					9.0	(C)	30,700	1	W*C072-090EW
					18.0	(G)	61,400	1	W*C072-120EW
					27.0	(K)	92,100	2	W*C072-120EW
					36.0	(N)	122,900	2	W*C072-120EW
					54.0	(P)	184,300	2	W*C120EW

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# Packaged Heat Pump Convertible 3-5 Tons, Electric Heaters

**Table LPH-6-A — Accessory Electric Heaters – Unit with Heater is single circuit / single point power entry (3-5 Ton units)**

Model Number	Power Supply	kW Rating	Nominal BTUH	No. Stages	Used With
BAYHTRE306C	208-230/3/60	4.5/6.0	13,400/20,500	1	WHC036H3, WSC036-048H3
BAYHTRE312C	208-230/3/60	9.0/12.0	30,800/41,000	2	WHC036H3, WSC036-048H3
BAYHTRE406C	460/3/60	6	20500	1	WHC036H4, WSC036-048H4
BAYHTRE412C	460/3/60	12	41000	2	WHC036H4, WSC036-048H4
BAYHTREW06C	575/3/60	6	20500	1	WHC036HW, WSC036-048HW
BAYHTREW12C	575/3/60	12	41000	2	WHC036HW, WSC036-048HW
BAYHTRX306B	208-230/3/60	4.5/6.0	13,400/20,500	1	WHC048-060H3, WSC060H3
BAYHTRX312B	208-230/3/60	9.0/12.0	30,800/41,000	2	WHC048-060H3, WSC060H3
BAYHTRX406B	460/3/60	6	20500	1	WHC048-060H3, WSC060H4
BAYHTRX412B	460/3/60	12	41000	2	WHC048-060H3, WSC060H4
BAYHTRXW06B	575/3/60	6	20500	1	WHC048-060HW, WSC060HW
BAYHTRXW12B	575/3/60	12	41000	2	WHC048-060HW, WSC060HW
BAYHTRY317A	208-230/1/60	13.1/17.4	44,600/59,400	2	WHC036H3, WSC036-048H3
BAYHTRY318A	208-230/1/60	13.1/17.4	44,600/59,400	2	WHC048-060H3, WSC060H3
BAYHTRY323A	208-230/1/60	17.3/23.0	59,000/78,500	2	WHC060H3, WSC060H3
BAYHTRY417A	460/3/60	17.4	59400	2	WHC036H4, WSC036-048H4
BAYHTRY418A	460/3/60	17.4	59400	2	WHC048-060H4, WSC060H4
BAYHTRY423A	460/3/60	23	78500	2	WHC060H4, WSC060H4
BAYHTRYW17A	575/3/60	17.4	59400	2	WHC036HW, WSC036-048HW
BAYHTRYW18A	575/3/60	17.4	59400	2	WHC048-060HW, WSC060HW
BAYHTRYW23A	575/3/60	23	78500	2	WHC060HW, WSC060HW

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LPH-6

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# Packaged Heat Pump Convertible 6-10 Tons, Electric Heaters and Zone Sensors

**Table LPH-7-A — Accessory Electric Heaters – Unit with Heater is single circuit / single point power entry (6 - 8 1/2 Ton units)**

Model Number	Power Supply	kW Rating	Nominal BTUH	No. Stages	Used With
BAYHTRW309A	208-230/3/60	6.8/9.0	23,000/30,700	1	WSC072E3, WSC072H3
BAYHTRW318A	208-230/3/60	13.5/18.0	46,100/61,400	1	WSC072E3, WSC072H3
BAYHTRW327A	208-230/3/60	20.3/27.0	69,000/92,100	2	WSC072E3, WSC072H3
BAYHTRW336A	208-230/3/60	27.0/36.0	92,100/122,900	2	WSC072E3, WSC072H3
BAYHTRW409A	460/3/60	9	30700	1	WSC072E4, WSC072H4
BAYHTRW418A	460/3/60	18	61400	1	WSC072E4, WSC072H4
BAYHTRW427A	460/3/60	27	92100	2	WSC072E4, WSC072H4
BAYHTRW436A	460/3/60	36	122900	2	WSC072E4, WSC072H4
BAYHTRWW18A	575/3/60	18	61400	1	WSC072EW, WSC072HW
BAYHTRWW27A	575/3/60	27	92100	2	WSC072EW, WSC072HW
BAYHTRWW36A	575/3/60	36	122900	2	WSC072EW, WSC072HW
BAYHTRU309A	208-230/3/60	6.8/9.0	23,000/30,700	1	WSC090E3, WSC090H3, WSC102H3
BAYHTRU318A	208-230/3/60	13.5/18.0	46,100/61,400	1	WSC090E3, WSC090H3, WSC102H3
BAYHTRU327A	208-230/3/60	20.3/27.0	69,000/92,100	2	WSC090E3, WSC090H3, WSC102H3
BAYHTRU336A	208-230/3/60	27.0/36.0	92,100/122,900	2	WSC090E3, WSC090H3, WSC102H3
BAYHTRU409A	460/3/60	9	30700	1	WSC090E4, WSC090H4, WSC102H4
BAYHTRU418A	460/3/60	18	61400	1	WSC090E4, WSC090H4, WSC102H4
BAYHTRU427A	460/3/60	27	92100	2	WSC090E4, WSC090H4, WSC102H4
BAYHTRU436A	460/3/60	36	122900	2	WSC090E4, WSC090H4, WSC102H4
BAYHTRUW18A	575/3/60	18	61400	1	WSC090EW, WSC090HW, WSC102HW
BAYHTRUW27A	575/3/60	27	92100	2	WSC090EW, WSC090HW, WSC102HW
BAYHTRUW36A	575/3/60	36	122900	2	WSC090EW, WSC090HW, WSC102HW

**Table LPH-7-B — Accessory Electric Heaters - Unit with Heater is single circuit / single point power entry (Select 7 1/2 - 8 1/2 Ton, All 10 Ton units)**

Model Number	Power Supply	kW Rating	Nominal BTUH	No. Stages	Used With
BAYHTRB318A	208-230/3/60	13.5/18.0	46,100/61,400	1	WSC120E3
BAYHTRB327A	208-230/3/60	20.3/27.0	69,000/92,100	2	WSC120E3
BAYHTRB336A	208-230/3/60	27.0/36.0	92,100/122,900	2	WSC120E3
BAYHTRB354A	208-230/3/60	40.6/54.0	138,000/184,300	2	WSC120E3
BAYHTRB418A	460/3/60	18	61400	1	WSC120E4
BAYHTRB427A	460/3/60	27	92100	2	WSC120E4
BAYHTRB436A	460/3/60	36	122900	2	WSC120E4
BAYHTRB454A	460/3/60	54	184300	2	WSC120E4
BAYHTRBW18A	575/3/60	18	61400	1	WSC120EW
BAYHTRBW36A	575/3/60	36	122900	2	WSC120EW
BAYHTRBW54A	575/3/60	54	184300	2	WSC120EW
BAYHTRA309A	208-230/3/60	6.8/9.0	23,000/30,700	1	WSC090H3, WSC102H3
BAYHTRA318A	208-230/3/60	13.5/18.0	46,100/61,400	1	WSC090H3, WSC102H3, WSC120H3
BAYHTRA327A	208-230/3/60	20.3/27.0	69,000/92,100	2	WSC090H3, WSC102H3, WSC120H3
BAYHTRA336A	208-230/3/60	27.0/36.0	92,100/122,900	2	WSC090H3, WSC102H3, WSC120H3
BAYHTRA354A	208-230/3/60	40.6/54.0	138,000/184,300	2	WSC120H3
BAYHTRA409A	460/3/60	9	30700	1	WSC090H4, WSC102H4
BAYHTRA418A	460/3/60	18	61400	1	WSC090H4, WSC102H4, WSC120H4
BAYHTRA427A	460/3/60	27	92100	2	WSC090H4, WSC102H4, WSC120H4
BAYHTRA436A	460/3/60	36	122900	2	WSC090H4, WSC102H4, WSC120H4
BAYHTRA454A	460/3/60	54	184300	2	WSC120H4
BAYHTRAW18A	575/3/60	18	61400	1	WSC090H4, WSC102H4, WSC120H4
BAYHTRW27A	575/3/60	27	92100	2	WSC090H4, WSC102H4, WSC120H4
BAYHTRAW36A	575/3/60	36	122900	2	WSC090H4, WSC102H4, WSC120H4
BAYHTRAW54A	575/3/60	54	184300	2	WSC120H4

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

# Packaged Heat Pump Convertible 3-10 Tons Accessories

**Table LPH-8-A — Accessories**

Model Number	Description	Used With
BAYABRD001C <sup>④</sup>	ReliaTel™ Options Module	All WSC036-120E, See Note <sup>4</sup>
BAYBARM010A <sup>②</sup>	Barometric Relief	WSC036-048E
BAYBARM011A <sup>②</sup>	Barometric Relief	WSC060-120E
BAYBCIR001A	BACnet™ Communication Interface	ReliaTel™ Controller (BCI-R)
BAYCO2K001B	CO2 Sensor Kit, Wall Mounted	All WSC036-120E
BAYCO2K003B	CO2 Sensor Kit, Duct Mounted	All WSC036-120E
BAYCURB042A <sup>③</sup>	Roof Curb	WSC036-048E
BAYCURB043A <sup>③</sup>	Roof Curb	WSC060-090E
BAYCURB044A <sup>③</sup>	Roof Curb	WSC120E
BAYDFPS003B <sup>④</sup>	Clogged Filter Switch (w/Standard & MERV 8 Filter)	All WSC036-120E
BAYDFPS014A <sup>④</sup>	Clogged Filter Switch (MERV 13 Filter)	All WSC036-120E
BAYDFPS004A <sup>④</sup>	Fan Failure Switch	All WSC036-120E
BAYDMPR053B <sup>⑤</sup>	0-50% Manual Outside Air Damper	WSC036-048, WHC036
BAYDMPR056B <sup>⑤</sup>	0-50% Manual Outside Air Damper	WSC060-120, WHC048-060
BAYDMPR051A	0-50% Motorized Outside Air Damper	WSC036-048, WHC036
BAYDMPR054A	0-50% Motorized Outside Air Damper	WSC060-120, WHC048-060
BAYECON085A	0-100% Economizer without Barometric Relief	WSC036-048, WHC036
BAYECON087A	0-100% Economizer without Barometric Relief	WSC060-120, WHC048-060
BAYECON704A	Downflow Low Leak Economizer	WSC060-120, WHC048-060
BAYECON705B	Downflow Low Leak Economizer	WSC036-048, WHC036
BAYENTH005A <sup>①</sup>	Reference Enthalpy Kit	BAYECON085A, 087A
BAYENTH006B <sup>①</sup>	Comparative Enthalpy Kit	BAYECON085A, 087A
BAYFRST003A <sup>⑥</sup>	High Temperature Stat	All WSC036-120E
BAYGARD137A	Condenser Coil Hail Guard	WSC036-048, WHC036
BAYGARD040C	Condenser Coil Hail Guard	WSC060-072, WHC048-060
BAYGARD041C	Condenser Coil Hail Guard	WSC090, WSC120H
BAYGARD070A	Condenser Coil Hail Guard	WSC120E

① Kits contain all necessary parts to achieve desired level of enthalpy control.

② Barometric Relief accessory installs in ductwork for horizontal configuration. For downflow configuration, installs on the unit's horizontal return duct. Panel see Installer's Guide for complete instructions.

③ Lynn Haven manufacturing has a no return policy for this roof curb.

④ BAYABRD001C is required when ordering field installed accessories Clogged Filter Switch (BAYDFPS003A), Fan Fail Switch (BAYDFPS004A), Discharge Air Sensing Kit (BAYTUBE005A or BAYTUBE007A) 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.

⑤ Cannot be used in conjunction with factory installed smoke detector.

⑥ The manual outside air damper will ship factory supplied within the unit, but must be field installed.

# Packaged Heat Pump Convertible 3-10 Tons Accessories

**Table LPH-9-A — Accessories**

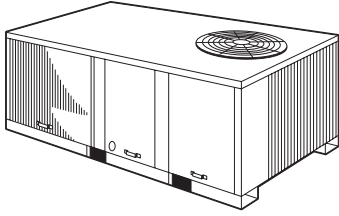
Model Number	Description	Used With
BAYHSMT403A	2 HP Belt Drive Oversized Motor	WSC072*3, *4
BAYHSMT404A	2 HP Belt Drive Oversized Motor	WSC072*W
BAYHSMT400A	3 HP Belt Drive Oversized Motor	WSC090*3, *4
BAYHSMT401A	3 HP Belt Drive Oversized Motor	WSC090*W
BAYLSDR009A	Low Static Drive	WSC090
BAYLOAM020B <sup>④</sup>	Evaporator Defrost Control (Frostat)	All WSC036-120E
BAYLTCI002B7	LonTalk® Communications Interface (LCI)	All WSC036-120E
BAYPWRX070A	Power Exhaust (208-230/3)	WSC036-048*3, WHC036*3
BAYPWRX071A	Power Exhaust (460/3)	WSC036-048*3, WHC036*4
BAYPWRX072A	Power Exhaust (575/3)	WSC036-060EW
BAYPWRX026A <sup>⑤</sup>	Power Exhaust (208-230/3)	WSC072-120E3
BAYPWRX027A <sup>⑤</sup>	Power Exhaust (460/3)	WSC072-120E4
BAYPWRX028A <sup>⑤</sup>	Power Exhaust (575/3)	WSC072-120EW
BAYQACB009A <sup>②③</sup>	Quick Adapt Roof Curb	WSC036-048, WHC036
BAYQACB010A <sup>②③</sup>	Quick Adapt Roof Curb	WSC036-048, WHC036
BAYQACB011A <sup>②⑦</sup>	Quick Adapt Roof Curb	WSC060-090, WHC048-060
BAYQACB012A <sup>②⑦</sup>	Quick Adapt Roof Curb	WSC060-090, WHC048-060
BAYQACB013A <sup>②⑦</sup>	Quick Adapt Roof Curb	WSC060-090, WHC048-060
BAYQACB111A <sup>②⑧</sup>	Quick Adapt Roof Curb	WSC120E
BAYQACB112A <sup>②⑧</sup>	Quick Adapt Roof Curb	WSC120E
BAYQACB113A <sup>②⑧</sup>	Quick Adapt Roof Curb	WSC120E

- ① Used for true discharge air sensing in both heating and cooling. Required for supply air tempering.
- ② Lynn Haven manufacturing has a no return policy for this roof curb.
- ③ BAYQACB009A adapts Voyager BAYCURB021A roof curb to accept Precedent 3-5 ton unit. BAYQACB010A adapts Voyager BAYCURB022A roof curb to accept Precedent 3-5 ton unit. BAYQACB111A adapts Voyager BAYCURB022 roof curb to accept WSC120E. BAYQACB112A adapts Voyager BAYCURB025 roof curb to accept WSC120E. BAYQACB113A adapts Voyager BAYCURB026 roof curb to accept WSC120E.
- ④ BAYABRD001C is required when ordering field installed accessories Clogged Filter Switch (BAYDFPS003A), Fan Fail Switch (BAYDFPS004A), Discharge Air Sensing Kit (BAYTUBE005A or BAYTUBE007A) 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.
- ⑤ Interface allows unit to communicate with Tracer 100, Tracker, VariTrac II, and is the preferred method of communication to Tracer Summit.
- ⑥ Power Exhaust cannot be used with Barometric Relief. Order Economizer without Barometric Relief.
- ⑦ BAYQACB012A adapts Voyager BAYCURB025 roof curb to accept Precedent 6-10 ton unit. BAYQACB011A adapts Voyager BAYCURB022B roof curb to accept Precedent 6-10 ton unit. BAYQACB adapts Voyager BAYCURB026 roof curb to accept WSC060-090E.
- ⑧ Field installed accessory. Requires an economizer.
- ⑨ If any version of comparative or reference enthalpy is ordered, BAYRTEM001A does not need to be ordered.
- ⑩ Order only when unit has factory installed Demand Control Ventilation option.

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**American Standard**  
HEATING & AIR CONDITIONING

# Packaged Heat Pump with ReliaTel™ Controls 12½-20 Tons



**12½ – 20 Ton WSD—Downflow**  
**12½ – 20 Ton WSH—Horizontal**

- EER up to 10.6
- **ReliaTel™** processor control features are listed on page LPC-13
- Built-in anti-short cycle, time-delay relay and minimum on time controls
- 2" filters for 12½ - 20 ton units
- Liquid line drier
- Built-in fork lift holes
- Operating charge of R-410A
- Quick-Sess service panels slide in and out
- Scroll 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 Cooling only and Gas/Electric Heat models
- Quick-adjust idler arm pulley
- **5-year limited compressor warranty (12½ – 20 tons)**

**Table LPH-10-A — Standard — ReliaTel™ Units (R-410A)**

Tons	Unit Model No.	Power Supply Volts/Phase/Hz	Performance IEER	Cooling Capacity (Btuh)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	MCA <sup>⑤</sup>	Max Fuse Size or <sup>④</sup> Max Circuit Breaker	Downflow Roofcurb
12 ½	WS*150E3R0B0000	208-230/3/60	12.0	146,000	56 <sup>1</sup> / <sub>8</sub> x 84 <sup>3</sup> / <sub>16</sub> x 121 <sup>11</sup> / <sub>16</sub>	2455	67.0	80	BAYCURB027B
15	WS*180E3R0B0000	208-230/3/60	12.0	177,000	56 <sup>1</sup> / <sub>8</sub> x 84 <sup>3</sup> / <sub>16</sub> x 121 <sup>11</sup> / <sub>16</sub>	2459	73.0	90	BAYCURB027B
20	WS*240E3R0B0000	208-230/3/60	11.5	240,000	66 <sup>1</sup> / <sub>4</sub> x 84 <sup>3</sup> / <sub>16</sub> x 121 <sup>11</sup> / <sub>16</sub>	2641	113.0	150	BAYCURB027B
12 ½	WS*150E4R0B0000	460/3/60	12.0	146,000	56 <sup>1</sup> / <sub>8</sub> x 84 <sup>3</sup> / <sub>16</sub> x 121 <sup>11</sup> / <sub>16</sub>	2455	32.0	40	BAYCURB027B
15	WS*180E4R0B0000	460/3/60	12.0	177,000	56 <sup>1</sup> / <sub>8</sub> x 84 <sup>3</sup> / <sub>16</sub> x 121 <sup>11</sup> / <sub>16</sub>	2459	36.0	45	BAYCURB027B
20	WS*240E4R0B0000	460/3/60	11.5	240,000	66 <sup>1</sup> / <sub>4</sub> x 84 <sup>3</sup> / <sub>16</sub> x 121 <sup>11</sup> / <sub>16</sub>	2641	53.0	70	BAYCURB027B
12 ½	WS*150EWR0B0000	575/3/60	12.0	146,000	56 <sup>1</sup> / <sub>8</sub> x 84 <sup>3</sup> / <sub>16</sub> x 121 <sup>11</sup> / <sub>16</sub>	2455	25.0	30	BAYCURB027B
15	WS*180EWR0B0000	575/3/60	12.0	177,000	56 <sup>1</sup> / <sub>8</sub> x 84 <sup>3</sup> / <sub>16</sub> x 121 <sup>11</sup> / <sub>16</sub>	2459	29.0	35	BAYCURB027B
20	WS*240EWR0B0000	575/3/60	11.5	240,000	66 <sup>1</sup> / <sub>4</sub> x 84 <sup>3</sup> / <sub>16</sub> x 121 <sup>11</sup> / <sub>16</sub>	2641	45.0	50	BAYCURB027B
Tons	Supply Downflow W x L <sup>①②</sup>	Return Downflow W x L <sup>①②</sup>	Supply Horizontal H x W <sup>①②</sup>	Return Horizontal H x W <sup>①②</sup>	Curb Size H x W x L <sup>②③</sup>	Roof Opening W x L <sup>①②</sup>			
20	28 <sup>9</sup> / <sub>16</sub> x 69 <sup>1</sup> / <sub>2</sub>	22 <sup>1</sup> / <sub>4</sub> x 77	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>	14 <sup>1</sup> / <sub>16</sub> x 81 x 117 <sup>3</sup> / <sub>16</sub>	76 <sup>1</sup> / <sub>2</sub> x 81			

① Dimensions are in inches. See Outline Dimensions.

② Interior Dimension.

③ Measurement Includes Curb Flange.

④ HACR type circuit breaker per NEC.

⑤ Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

\* Digit 3 - H = Horizontal or D = Downflow.

Light Commercial  
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# Packaged Heat Pump with ReliaTel™ Controls 12½-25 Tons (Model Digit Numbers)

Digit	Description	Order Number	Digit	Description	Order Number
1	<b>Unit Type</b>		19	<b>Disconnect Switch/Circuit Breaker</b>	
	Packaged Cooling, Electric Heat.....	W		No Disconnect/circuit break.....	0
2	<b>Efficiency</b>			Unit Mounted Non-Fused Disconnect Switch.....	1
	Standard Efficiency.....	S		Unit Mounted Circuit Breaker.....	2
3	<b>Airflow Configuration</b>		20	<b>Convenience Outlet Option</b>	
	Downflow.....	D		Without Convenience Outlet.....	0
	Horizontal.....	H		Unpowered Convenience Outlet.....	A
4-6	<b>Nominal Gross Cooling Capacity (MBh)</b>			Powered Convenience Outlet.....	B
	12½ Tons.....	150	21	<b>Communications Options</b>	
	15 Tons.....	180		Without Communications Options.....	0
	17½ Tons.....	210		Building Automation Control Network	
	20 Tons.....	240		Communications Interface.....	6
7	<b>Major Design Sequence</b>		22	<b>Refrigeration System Option</b>	
	R-410A Refrigerant.....	E		Standard refrigeration system.....	0
8	<b>Voltage Selection</b>		23	<b>Refrigeration Controls</b>	
	208-230/60/3.....	3		Without Refrigeration Controls.....	0
	460/60/3.....	4		Froststat.....	1
	575/60/3.....	W	24	<b>Smoke Detector</b>	
9	<b>Unit Controls</b>			Without Smoke Detector.....	0
	ReliaTel™.....	R		Return Air Smoke Detector.....	A
10	<b>Heating Capacity</b>			Supply Air Smoke Detector.....	B
	No Heat.....	0		Return/Supply Air Smoke Detector.....	C
	18 kW Electric Heat.....	G		Plenum Smoke Detector.....	D
	36 kW Electric Heat.....	N	25	<b>System Monitoring Controls</b>	
	54 kW Electric Heat.....	P		No Monitoring Controls.....	0
	72 kW Electric Heat.....	R		Clogged Filter Switch.....	1
11	<b>Minor Design Sequence</b>			Fan Failure Switch.....	2
12-13	<b>Service Sequence</b>			Discharge Air Sensing.....	3
14	<b>Fresh Air Selection</b>			Clogged Filter Switch and Fan Failure.....	4
	No Fresh Air.....	0		Clogged Filter Switch and Discharge Air Sensing.....	5
	Manual Damper.....	A		Fan Failure Switch and Discharge Air Sensing.....	6
	Motorized Damper.....	B		Clogged Filter Switch, Fan Failure Switch and	
	Econ Dry Bulb w/Barometric Relief.....	D		Discharge Air Sensing.....	7
	Econ Reference Enthalpy w/Barometric Relief.....	F		Condensate Drain Pan Overflow Switch.....	A
	Econ Comparative Enthalpy w/Barometric Relief.....	H		Clogged Filter Switch and Condensate Drain	
	Low Leak Economizer, Dry Bulb			Pan Overflow Switch.....	B
	with Barometric Relief.....	K		Fan Failure Switch and Condensate Drain	
	Low Leak Economizer, Comparative Enthalpy			Pan Overflow Switch.....	C
	with Barometric Relief.....	M		Discharge Air Sensing and Condensate	
	Low Leak Economizer, Reference Enthalpy			Drain Pan Overflow Switch.....	D
	with Barometric Relief.....	P		Clogged Filter Switch, Fan Failure Switch and	
15	<b>Supply Fan/Drive Type/Motor</b>			Condensate Drain Pan Overflow Switch.....	E
	Standard Motor.....	0		Clogged Filter Switch, Discharge Air Sensing	
	Oversized Motor.....	1		Tube and Condensate Drain Pan Overflow Switch....	F
	High Efficiency Motor.....	3		Fan Failure Switch, Discharge Air Sensing Tube and	
	Single Zone Variable Air Volume Standard Motor.....	6		Condensate Drain Pan Overflow Switch.....	G
	Multi-Speed Standard Motor.....	7		Clogged Filter Switch, Fan Failure Switch, Discharge	
	Single Zone Variable Air Volume Oversized Motor.....	8		Air Sensing and Condensate Drain Pan Overflow	
	Multi-Speed Oversized Motor.....	9		Switch.....	H
	Single Zone Variable Air Volume Standard		26	<b>System Monitoring Controls</b>	
	Motor w/Shaft Ground Ring.....	A		No Monitoring Controls.....	0
	Multi-Speed Standard Motor w/Shaft Ground Ring.....	B		Demand Control Ventilation (CO <sub>2</sub> ) <sup>①</sup> .....	A
	Single Zone Variable Air Volume Oversized			Fault Detection and Diagnostics (FDD).....	B
	Motor w/Shaft Ground Ring.....	C		Fault Detection and Diagnostics (FDD)	
	Multi-Speed Oversized Motor w/Shaft Ground Ring.....	D		with Demand Control Ventilation.....	C
16	<b>Hinged Service Access / Filters</b>		27	<b>Unit Hardware Enhancements</b>	
	Standard Panels/Standard Filters.....	0		No Enhancements.....	0
	Hinged Access/Standard Filters.....	A		Stainless Steel Drain Pan.....	1
	Standard Panels/2" MERV 8 Filters.....	B	28	<b>Short Circuit Current Rating (SCCR)</b>	
	Hinged Access/2" MERV 8 Filters.....	C		Standard SCCR.....	0
	Standard Panels/MERV 13 Filters.....	D		65 kA SCCR.....	A
	Hinged Access/MERV 13 Filters.....	E	31	<b>Advanced Unit Controls</b>	
17	<b>Condenser Coil Protection</b>			Standard Unit Controls.....	0
	Standard Coil.....	0		Human Interface.....	1
	Standard Coil With Hail Guard.....	1			
	Black Epoxy Pre-Coated Coil.....	2			
	Black Epoxy Pre-Coated Coil with Hail Guard.....	3			
18	<b>Through The Base Provisions</b>				
	No Through The Base Provisions.....	0			
	Through The Base Electric.....	A			
	Through The Base Access.....	D			

**Note:** Most Factory Installed Options available for Downflow Air Discharge units only. Please verify with ordering system for availability.

① Demand Control Ventilation Option includes wiring only. The CO<sub>2</sub> sensor is a field-installed only option.

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# Packaged Heat Pump with ReliaTel™ Controls 12½-20 Tons Zone Sensors

Table LPH-12-A — Zone Sensors

Model Number	Description	Used With
ASYSTAT107A	Single Setpoint Manual Changeover	WC*150-240
ASYSTAT109A	Dual Setpoint Manual or Automatic Changeover	WC*150-240
ASYSTAT111A	Remote Room Sensor	ASYSTAT777A
ASYSTAT777A	Programmable Night Setback	WC*150-240
BAYMTPL110A	Retrofit Wall Cover Plate Kit 7.25" x 6.0"	ASYSTAT777A
BAYSENS924A①	Title 24 Zone Sensor	All

① Must be used with ReliaTel™ Control and BCI Communications Interface

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Read Only



# Packaged Heat Pump with ReliaTel™ Controls 12½-20 Tons Accessories

**Table LPH-13-A — Field Installed Accessories**

Model Number	Description	Used With
BAYABRD002B <sup>⑥</sup>	ReliaTel™ Options Module	All Voyager Heat Pumps
BAYBCIR001A	Bacnet™ Communication Interface	ReliaTel™ Controller (BCI-R)
BAYCO2K002B <sup>⑦</sup>	CO <sub>2</sub> Sensor Wall Mounted	All Voyager Heat Pumps w/Economizers
BAYCO2K004B <sup>⑦</sup>	CO <sub>2</sub> Sensor Duct Mounted	All Voyager Heat Pumps w/Economizers
BAYCURB027B <sup>③④</sup>	Downflow Only Roof Curb	WSD150E-240E
BAYDFPS005A <sup>⑤⑥</sup>	Clogged Filter Switch (MERV 7)	WS*150E-240E
BAYDFPS006A <sup>⑤⑥</sup>	Fan Failure Switch	WS*150E-240E
BAYDFPS013A	Clogged Filter Switch (MERV 13)	WS*150E-240E
BAYDMPR029C	0-25% Manual Outside Air Damper	All Packaged Rooftops 12½-20 Tons
BAYDMPR058A	0-50% Motorized Outside Air Damper	WS*150E-240E
BAYECON090A <sup>⑥</sup>	Downflow Economizer with Barometric Relief	WSD150E-240E
BAYECON092A	Horizontal Economizer	WSH150E-240E
BAYECON701A	Downflow Low Leak Economizer	WSD150F-240F
BAYENTH007A	Reference Enthalpy Kit	All BAYECON089-92A
BAYENTH008A	Comparative Enthalpy Kit	All BAYECON089-92A
BAYFRST003A	High Temperature Stat	WS*150E-240E
BAYGARD045A <sup>⑥</sup>	Tool-less Hail Guard	WS*150E, WS*180E
BAYGARD050A <sup>⑥</sup>	Tool-less Hail Guard	WS*240E
BAYHSDR005B <sup>①</sup>	High Static Drive	WS*150E-240E
BAYHSMT055B	5HP OVERSIZED MOTOR KIT (208-230/460)	WS*150E, WS*180E
BAYHSMT072A	5HP OVERSIZED MOTOR KIT (575)	WS*150E, WS*180E
BAYHSMT100A	7.5HP OVERSIZED MOTOR KIT (208-230)	WS*240E
BAYHSMT101A	7.5HP OVERSIZED MOTOR KIT (460)	WS*240E
BAYHSMT102A	7.5HP OVERSIZED MOTOR KIT (575)	WS*240E
BAYLOAM023A <sup>⑤⑥</sup>	Evaporator Defrost Control (Frostat)	WS*150E, WS*180E
BAYLOAM031A	Evaporator Defrost Control	WS*240E
BAYLSDR004A	Low Static Drive	WS*240E
BAYLSDR011A	Low Static Drive	WS*150E, WS*180E
BAYPWRX029A	Power Exhaust for all Voyagers 12½-20 Ton 230V units	Downflow Only
BAYPWRX030A	Power Exhaust for all Voyagers 12½-20 Ton 460V units	Downflow Only
BAYPWRX031A	Power Exhaust for all Voyagers 12½-20 Ton 575V units	Downflow Only
BAYQACB044A	Adapter Curb	BAYCURB026A/B to BAYCURB027A/B
BAYSERV001A	Selective Resistance Service Tester	All Voyagers 12½-20 Tons
BAYSTAT023	Remote Potentiometer	All BAYECON089-92A
BAYTUBE008A <sup>②③⑥</sup>	Discharge Air Sensing Kit	All Voyagers 12½-20 Tons Downflow
BAYTUBE009A <sup>②③⑥</sup>	Discharge Air Sensing Kit	All Voyagers 12½-20 Tons Horizontal
BAYVNOR002B <sup>⑤</sup>	Ventilation Override Kit	WS*150-240E w/ReliaTel™ Options Module

- ① High static drive and oversized motors are mutually exclusive, Do not Combine.
  - ② Used for true discharge air sensing in both heating and cooling models.
  - ③ Clarksville Manufacturing has a no-return policy for this roof curb.
  - ④ For downflow use only. Can not be adapted for horizontal units.
  - ⑤ BAYABRD002B is required when ordering field installed accessories BAYDFPS005A or 006A, BAYTUBE008A or 009A and BAYLOAM023A, BAYLOAM031A or BAYVNOR002B.
  - ⑥ Field or factory installed option.
  - ⑦ Field installed accessory. Requires an economizer.
- \* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.



BUILT TO A HIGHER STANDARD™

*American Standard*®

HEATING & AIR CONDITIONING

# Packaged Heat Pump with ReliaTel™ Controls 12½-20 Tons Heaters

**Table LPH-14-A — Downflow Supplementary Heaters:**

Model Number	Power Supply	kW Rating	BTUH	Nominal Stages	Used With
AYDHTRK318B	208-230/3/60	13.5/18.0	46,100/61,400	1	WSD150-180E
AYDHTRK336B	208-230/3/60	27.0/36.0	92,200/122,900	2	WSD150-180E
AYDHTRK354B	208-230/3/60	40.5/54.0	138,200/184,300	2	WSD150-180E
AYDHTRK418B	460/3/60	18.0	61,400	1	WSD150-180E
AYDHTRK436B	460/3/60	36.0	122,900	2	WSD150-180E
AYDHTRK454B	460/3/60	54.0	184,300	2	WSD150-180E
AYDHTRL336B	208-230/3/60	27.0/36.0	92,200/122,900	2	WSD240E
AYDHTRL354B	208-230/3/60	40.5/54.0	138,200/184,300	2	WSD240E
AYDHTRK372B	208-230/3/60	54.0/72.0	184,300/245,700	2	WSD240E
AYDHTRL436B	460/3/60	36.0	122,900	2	WSD240E
AYDHTRL454B	460/3/60	54.0	184,300	2	WSD240E
AYDHTRK472B	460/3/60	72.0	245,700	2	WSD240E
AYDHTRKW18B	575/3/60	18.0	61,400	1	WSD150-180E
AYDHTRKW36B	575/3/60	36.0	122,900	2	WSD150-180E
AYDHTRKW54B	575/3/60	54.0	184,300	2	WSD150-180E
AYDHTRLW36B	575/3/60	36.0	122,900	2	WSD240E
AYDHTRLW54B	575/3/60	54.0	184,300	2	WSD240E
AYDHTRKW72B	575/3/60	72.0	245,700	2	WSD240E

**Table LPH-14-B — Horizontal Supplementary Heaters:**

AYHHTRM318B	208-230/3/60	13.5/18.0	46,100/61,400	1	WSH150-180E
AYHHTRM336B	208-230/3/60	27.0/36.0	92,200/122,900	2	WSH150-180E
AYHHTRM354B	208-230/3/60	40.5/54.0	138,200/184,300	2	WSH150-180E
AYHHTRM418B	460/3/60	18.0	61,400	1	WSH150-180E
AYHHTRP436B	460/3/60	36.0	122,900	2	WSH150-180E
AYHHTRM454B	460/3/60	54.0	184,300	2	WSH150-180E
AYHHTRN336B	208-230/3/60	27.0/36.0	92,200/122,900	2	WSH240E
AYHHTRN354B	208-230/3/60	40.5/54.0	138,200/184,300	2	WSH240E
AYHHTRN372B	208-230/3/60	54.0/72.0	184,300/245,700	2	WSH240E
AYHHTRN436B	460/3/60	36.0	122,900	2	WSH240E
AYHHTRN454B	460/3/60	54.0	184,300	2	WSH240E
AYHHTRN472B	460/3/60	72.0	245,700	2	WSH240E
AYHHTRMW18B	575/3/60	18.0	61,400	1	WSH150-180E
AYHHTRMW36B	575/3/60	36.0	122,900	2	WSH150-180E
AYHHTRMW54B	575/3/60	54.0	184,300	2	WSH150-180E
AYHHTRNW36B	575/3/60	36.0	122,900	2	WSH240E
AYHHTRNW54B	575/3/60	54.0	184,300	2	WSH240E
AYHHTRNW72B	575/3/60	72.0	245,700	2	WSH240E

Note: Unit with heater is single circuit/single point.

See ReliaTel™ and Micro Control features on LPC-12 and LPC-13.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

Light Commercial  
Packaged Heat Pumps

BUILT TO A HIGHER STANDARD™

*American Standard*<sup>®</sup>  
HEATING & AIR CONDITIONING



Beveled Top  
Smoother Design  
Small compact cabinet  
Recessed access handles

## Packaged Gas/Electric Convertible 3-10 Tons

### Standard Features:

- American Standard Heating & Air Conditioning scroll compressors on all 3-10 ton units
- Colored and numbered wiring
- Phase Monitor, R-410A, 3 Phase Units
- Provisions for through the Base Gas and Condensate Drain Connections
- 2" throwaway filters provided on all units
- Liquid Line Refrigerant Drier
- Operating Charge of R-410A
- IAQ Sloped Drain Pans
- Low Ambient to 40°F on Electromechanical models
- Low Ambient to 0°F on ReliaTel™ models
- 5 - year Limited Compressor Warranty
- 5 - year Limited Heat Exchanger Warranty
- 1 - year Limited Parts Warranty

### Added Flexibility

- Electromechanical or ReliaTel™ controls (**See page LPC-12 for ReliaTel™ Control Information**)
- Standard or high efficiency cooling models available. 17+ available in 3T to 5T. For reference to 17+ please refer to publications RT-PRC048-EN and RT-SLB020-EN.
- 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
- 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
- Circuit Breaker
- 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 (High Efficiency Units Only)
- Expansion valve and split face evaporator coil
- Novar Controls
- Comm 3/4 Communications Interface
- BACnet™ Communications Interface
- 2" Pleated Media filters (MERV 8 & 13)
- Froststat
- Multi-Speed & Single Zone VAV ID Airflow
- Demand Control Ventilation
- Stainless Steel Drainpan
- Condensate Drainpan Overflow Switch

Light Commercial  
Packaged Gas/Electric

**The same American Standard Heating & Air Conditioning Quality and Reliability ... with added Flexibility!**

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

LPG-1

Effective 1/1/18  
14-1011-35

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**American Standard**  
HEATING & AIR CONDITIONING

# Packaged Gas/Electric Convertible 3-5 Tons, 17 SEER, R-410A

Table LPG-2-A — 17 Plus - R-410A - ReliaTel™ Controls Only

Tons	Unit Ordering No.	Performance SEER	Cooling Capacity (Btuh)	Heating Output Capacity (Btuh) ①	S.S. Furnace Eff%	Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA**	Max. Fuse**
<b>YHC - 208-230/3/60 - Three Phase - Low Heat</b>											
3	YHC037E3RLA0000	17.5	36,500	48,000	78	36 x 44 x 69	16 x 15.5	24 x 14	676	23.3	30
4	YHC047E3RLA0000	17.5	50,500	49,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	858	29.4	40
5	YHC067E3RLA0000	17.2	60,000	49,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	917	32.2	45
<b>YHC - 460/3/60 - Three Phase - Low Heat</b>											
3	YHC037E4RLA0000	17.5	36,500	48,000	78	36 x 44 x 69	16 x 15.5	24 x 14	676	11.4	15
4	YHC047E4RLA0000	17.5	50,500	49,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	858	15.2	20
5	YHC067E4RLA0000	17.2	60,000	49,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	917	32.2	20
<b>YHC - 575/3/60 - Three Phase - Low Heat</b>											
3	YHC037EWRLA0000	17.5	36,500	48,000	78	36 x 44 x 69	16 x 15.5	24 x 14	676	8.7	15
4	YHC047EWRLA0000	17.5	50,500	49,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	858	10.4	15
5	YHC067EWRLA0000	17.2	60,000	49,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	917	11.2	15
<b>YHC - 208-230/3/60 - Three Phase - Medium Heat</b>											
3	YHC037E3RMA0000	17.5	36,500	64,000	78	36 x 44 x 69	16 x 15.5	24 x 14	676	23.3	30
4	YHC047E3RMA0000	17.5	50,500	64,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	858	29.4	40
5	YHC067E3RMA0000	17.2	60,000	64,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	917	32.2	45
<b>YHC - 460/3/60 - Three Phase - Medium Heat</b>											
3	YHC037E4RMA0000	17.5	36,500	64,000	78	36 x 44 x 69	16 x 15.5	24 x 14	676	11.4	15
4	YHC047E4RMA0000	17.5	50,500	64,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	858	15.2	20
5	YHC067E4RMA0000	17.2	60,000	64,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	917	32.2	20
<b>YHC - 575/3/60 - Three Phase - Medium Heat</b>											
3	YHC037EWRMA0000	17.5	36,500	64,000	78	36 x 44 x 69	16 x 15.5	24 x 14	676	8.7	15
4	YHC047EWRMA0000	17.5	50,500	64,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	858	10.4	15
5	YHC067EWRMA0000	17.2	60,000	64,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	917	11.2	15
<b>YHC - 208-230/3/60 - Three Phase - High Heat</b>											
3	YHC037E3RMA0000	17.5	36,500	80,000	78	36 x 44 x 69	16 x 15.5	24 x 14	676	23.3	30
4	YHC047E3RMA0000	17.5	50,500	96,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	858	29.4	40
5	YHC067E3RMA0000	17.2	60,000	104,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	917	32.2	45
<b>YHC - 460/3/60 - Three Phase - High Heat</b>											
3	YHC037E4RMA0000	17.5	36,500	80,000	78	36 x 44 x 69	16 x 15.5	24 x 14	676	11.4	15
4	YHC047E4RMA0000	17.5	50,500	96,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	858	15.2	20
5	YHC067E4RMA0000	17.2	60,000	104,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	917	32.2	20
<b>YHC - 575/3/60 - Three Phase - High Heat</b>											
3	YHC037EWRMA0000	17.5	36,500	80,000	78	36 x 44 x 69	16 x 15.5	24 x 14	676	8.7	15
4	YHC047EWRMA0000	17.5	50,500	96,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	858	10.4	15
5	YHC067EWRMA0000	17.2	60,000	104,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	917	11.2	15

① Downflow Airflow/Horizontal Airflow

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

Light Commercial  
Packaged Gas/Electric

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

LPG-2

Effective 1/1/18  
14-1011-35

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**American Standard**  
HEATING & AIR CONDITIONING

# Packaged Gas/Electric Convertible 3-5 Tons, 15 SEER, R-410A

Table LPG-3-A - Base Unit - 15 SEER High Efficiency - Electromechanical or ReliaTel™

Tons	Unit Ordering No.	Performance SEER	Cooling Capacity (Btuh)	Heating Output <sup>①</sup> Capacity (Btuh)	AFUE/S.S. Furnace Eff%	Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA**	Max. Fuse**
<b>YHC - 208-230/1/60 - Single Phase - Low Heat</b>											
3	YHC036E1*LB0000	15.2	38,490	49,200	81	36 x 44 x 69	16 x 15.5	24 x 14	555	26.7	40
4	YHC048F1*LB0000	15.0	48,930	49,200	81	41 x 53 x 88	33 x 17.5	32 x 17.5	798	35.7	50
5	YHC060F1*LB0000	15.0	61,000	49,800	81	41 x 53 x 88	33 x 17.5	32 x 17.5	823	43.8	70
<b>YHC - 208-230/3/60 - Three Phase - Low Heat</b>											
3	YHC036E3*LA0000	15.0	37,600	49,200	78	36 x 44 x 69	16 x 15.5	24 x 14	637	21.9	30
4	YHC048F3*LA0000	15.0	49,930	49,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	869	28.3	40
5	YHC060F3*LA0000	15.0	61,000	49,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	894	32.1	45
<b>YHC - 460/3/60 - Three Phase - Low Heat</b>											
3	YHC036E4*LA0000	15.0	37,600	48,000	78	36 x 44 x 69	16 x 15.5	24 x 14	637	10.2	15
4	YHC048F4*LA0000	15.0	49,930	49,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	869	13.8	20
5	YHC060F4*LA0000	15.0	61,000	49,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	894	17.0	20
<b>YHC - 575/3/60 - Three Phase - Low Heat</b>											
3	YHC036EW*LA0000	14.4	37,600	48,000	78	36 x 44 x 69	16 x 15.5	24 x 14	637	7.9	15
4	YHC048FW*LA0000	15.0	49,930	49,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	869	9.8	15
5	YHC060FW*LA0000	15.0	61,000	49,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	894	10.2	15
<b>YHC - 208-230/1/60 - Single Phase - Medium Heat</b>											
3	YHC036E1*MB0000	15.2	38,490	65,600	81	36 x 44 x 69	16 x 15.5	24 x 14	555	26.7	40
4	YHC048F1*MB0000	15.0	48,930	66,400	81	41 x 53 x 88	33 x 17.5	32 x 17.5	798	35.7	50
5	YHC060F1*MB0000	15.0	61,000	65,600	81	41 x 53 x 88	33 x 17.5	32 x 17.5	823	43.8	70
<b>YHC - 208-230/3/60 - Three Phase - Medium Heat</b>											
3	YHC036E3*MA0000	15.0	37,600	65,600	78	36 x 44 x 69	16 x 15.5	24 x 14	676	21.9	30
4	YHC048F3*MA0000	15.0	49,930	66,400	79	41 x 53 x 88	33 x 17.5	32 x 17.5	858	28.3	40
5	YHC060F3*MA0000	15.0	61,000	65,600	79	41 x 53 x 88	33 x 17.5	32 x 17.5	917	32.1	45
<b>YHC - 460/3/60 - Three Phase - Medium Heat</b>											
3	YHC036E4*MA0000	15.0	37,600	64,000	78	36 x 44 x 69	16 x 15.5	24 x 14	676	10.2	15
4	YHC048F4*MA0000	15.0	49,930	64,000	79	41 x 53 x 88	33 x 17.5	32 x 17.5	858	13.8	20
5	YHC060F4*MA0000	15.0	61,000	64,000	79	41 x 53 x 88	33 x 17.5	32 x 17.5	917	17.0	20
<b>YHC - 575/3/60 - Three Phase - Medium Heat</b>											
3	YHC036EW*MA0000	14.4	37,600	64,000	78	36 x 44 x 69	16 x 15.5	24 x 14	676	7.9	15
4	YHC048FW*MA0000	15.0	49,930	64,000	79	41 x 53 x 88	33 x 17.5	32 x 17.5	858	9.8	15
5	YHC060FW*MA0000	15.0	61,000	64,000	79	41 x 53 x 88	33 x 17.5	32 x 17.5	917	10.2	15
<b>YHC - 208-230/1/60 - Single Phase - High Heat</b>											
3	YHC036E1*HB0000	15.2	38,490	82,000	81	36 x 44 x 69	16 x 15.5	24 x 14	555	26.7	40
4	YHC048F1*HB0000	15.0	48,930	98,400	81	41 x 53 x 88	33 x 17.5	32 x 17.5	798	35.7	50
5	YHC060F1*HB0000	15.0	61,000	106,600	81	41 x 53 x 88	33 x 17.5	32 x 17.5	823	43.8	70
<b>YHC - 208-230/3/60 - Three Phase - High Heat</b>											
3	YHC036E3*HA0000	15.0	37,600	96,000	78	36 x 44 x 69	16 x 15.5	24 x 14	676	23.3	30
4	YHC048F3*HA0000	15.0	49,930	96,000	79	41 x 53 x 88	33 x 17.5	32 x 17.5	858	29.4	40
5	YHC060F3*HA0000	15.0	61,000	104,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	917	32.2	45
<b>YHC - 460/3/60 - Three Phase - High Heat</b>											
3	YHC036E4*HA0000	15.0	37,600	96,000	78	36 x 44 x 69	16 x 15.5	24 x 14	676	23.3	15
4	YHC048F4*HA0000	15.0	49,930	96,000	79	41 x 53 x 88	33 x 17.5	32 x 17.5	858	29.4	20
5	YHC060F4*HA0000	15.0	61,000	104,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	917	32.2	20
<b>YHC - 575/3/60 - Three Phase - High Heat</b>											
3	YHC036EW*HA0000	14.4	37,600	96,000	78	36 x 44 x 69	16 x 15.5	24 x 14	676	7.9	15
4	YHC048FW*HA0000	15.0	49,930	96,000	79	41 x 53 x 88	33 x 17.5	32 x 17.5	858	9.8	15
5	YHC060FW*HA0000	15.0	61,000	104,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	917	10.2	15

① Downflow Airflow/Horizontal Airflow

\* Digit 9-E=Electromechanical or R=ReliaTel™.

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

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

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**American Standard**  
HEATING & AIR CONDITIONING

# Packaged Gas/Electric Convertible 3-5 Tons, 14 SEER, R-410A

Table LPG-4-A - Base Unit - 14 SEER - Electromechanical or ReliaTel™

Tons	Unit Ordering No.	Performance SEER	Cooling Capacity (Btuh)	Heating Output <sup>①</sup> Capacity Lo/Hi (Btuh)	AFUE%	Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA**	Max. Fuse**
<b>YSC - 208/230/3/60 - Three Phase - Low Heat</b>											
3	YSC036G3*LB0000	14.0	37,000	56,000/80,000	82	41 x 44 x 69	16 x 15.5	24 x 14	577	19.9	30
4	YSC048G3*LB0000	14.0	49,000	56,000/80,000	82	41 x 44 x 69	16 x 15.5	24 x 14	598	25.4	30
5	YSC060G3*LB0000	14.0	60,000	56,000/80,000	82	41 x 44 x 69	16 x 15.5	24 x 14	627	28.2	40
<b>YSC - 460/3/60 - Three Phase - Low Heat</b>											
3	YSC036G4*LB0000	14.0	37,000	56,000/80,000	82	41 x 44 x 69	16 x 15.5	24 x 14	577	9.5	15
4	YSC048G4*LB0000	14.0	49,000	56,000/80,000	82	41 x 44 x 69	16 x 15.5	24 x 14	598	11	15
5	YSC060G4*LB0000	14.0	60,000	56,000/80,000	82	41 x 44 x 69	16 x 15.5	24 x 14	627	12	15
<b>YSC - 575/3/60 - Three Phase - Low Heat</b>											
3	YSC036GW*LB0000	14.0	37,000	56,000/80,000	82	41 x 44 x 69	16 x 15.5	24 x 14	577	7.6	15
4	YSC048GW*LB0000	14.0	49,000	56,000/80,000	82	41 x 44 x 69	16 x 15.5	24 x 14	598	9.4	15
5	YSC060GW*LB0000	14.0	60,000	56,000/80,000	82	41 x 44 x 69	16 x 15.5	24 x 14	627	9.9	15
<b>YSC - 208/230/3/60 - Three Phase - Medium Heat</b>											
3	YSC036G3*MB0000	14.0	37,000	70,000/100,000	82	41 x 44 x 69	16 x 15.5	24 x 14	577	19.9	30
4	YSC048G3*MB0000	14.0	49,000	70,000/100,000	82	41 x 44 x 69	16 x 15.5	24 x 14	598	25.4	30
5	YSC060G3*MB0000	14.0	60,000	70,000/100,000	82	41 x 44 x 69	16 x 15.5	24 x 14	627	28.2	40
<b>YSC - 460/3/60 - Three Phase - Medium Heat</b>											
3	YSC036G4*MB0000	14.0	37,000	70,000/100,000	82	41 x 44 x 69	16 x 15.5	24 x 14	577	9.5	15
4	YSC048G4*MB0000	14.0	49,000	70,000/100,000	82	41 x 44 x 69	16 x 15.5	24 x 14	598	11	15
5	YSC060G4*MB0000	14.0	60,000	70,000/100,000	82	41 x 44 x 69	16 x 15.5	24 x 14	627	12	15
<b>YSC - 575/3/60 - Three Phase - Medium Heat</b>											
3	YSC036GW*MB0000	14.0	37,000	70,000/100,000	82	41 x 44 x 69	16 x 15.5	24 x 14	577	7.6	15
4	YSC048GW*MB0000	14.0	49,000	70,000/100,000	82	41 x 44 x 69	16 x 15.5	24 x 14	598	9.4	15
5	YSC060GW*MB0000	14.0	60,000	70,000/100,000	82	41 x 44 x 69	16 x 15.5	24 x 14	627	9.9	15
<b>YSC - 208/230/3/60 - Three Phase - High Heat</b>											
3	YSC036G3*HB0000	14.0	37,000	84,000/120,000	82	41 x 44 x 69	16 x 15.5	24 x 14	577	19.9	30
4	YSC048G3*HB0000	14.0	49,000	91,000/130,000	82	41 x 44 x 69	16 x 15.5	24 x 14	598	25.4	30
5	YSC060G3*HB0000	14.0	60,000	105,000/150,000	82	41 x 44 x 69	16 x 15.5	24 x 14	627	28.2	40
<b>YSC - 460/3/60 - Three Phase - High Heat</b>											
3	YSC036G4*HB0000	14.0	37,000	84,000/120,000	82	41 x 44 x 69	16 x 15.5	24 x 14	577	9.5	15
4	YSC048G4*HB0000	14.0	49,000	91,000/130,000	82	41 x 44 x 69	16 x 15.5	24 x 14	598	11	15
5	YSC060G4*HB0000	14.0	60,000	105,000/150,000	82	41 x 44 x 69	16 x 15.5	24 x 14	627	12	15
<b>YSC - 575/3/60 - Three Phase - High Heat</b>											
3	YSC036GW*HB0000	14.0	37,000	84,000/120,000	82	41 x 44 x 69	16 x 15.5	24 x 14	577	7.6	15
4	YSC048GW*HB0000	14.0	49,000	91,000/130,000	82	41 x 44 x 69	16 x 15.5	24 x 14	598	9.4	15
5	YSC060GW*HB0000	14.0	60,000	105,000/150,000	82	41 x 44 x 69	16 x 15.5	24 x 14	627	9.9	15

① Downflow Airflow/Horizontal Airflow

\* Digit 9-E=Electromechanical or R=ReliaTel™.

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

Light Commercial  
Packaged Gas/Electric

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

LPG-4

Effective 1/1/18  
14-1011-35



BUILT TO A HIGHER STANDARD™

*American Standard*  
HEATING & AIR CONDITIONING

# Packaged Gas/Electric Convertible 6-10 Tons, High Efficiency, R-410A

**Table LPG-5-A — Base Unit — High Efficiency — Electromechanical or ReliaTel™**

Tons	Unit Ordering No.	Performance IEER	Cooling Capacity (Btuh)	Heating Output Capacity (Btuh) <sup>①</sup>	AFUE%	Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA**	Max. Fuse**
<b>YHC - 208/230/3/60 - Three Phase - Low Heat</b>											
6	YHC072F3*LA0000	14.5	72,000	64,800	80	47 x 53 x 88	33 x 17.5	32 x 17.5	997	33.9	50
6	YHC074F3*LA0000	15.5	73,000	64,800	81	47 x 53 x 88	33 x 17.5	32 x 17.5	1114	37.4	50
7 ½	YHC092F3*LA0000	14.5	92,000	96,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	41.9	50
8 ½	YHC102F3*LA0000	14.7	103,000	96,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	42.0	50
10	YHC120F3*LA0000	14.7	119,000	120,000	80	51 x 63 x 100	33 x 17.5	32 x 17.5	1563	50.3	60
<b>YHC - 460/3/60 - Three Phase - Low Heat</b>											
6	YHC072F4*LA0000	14.5	72,000	64,800	80	47 x 53 x 88	33 x 17.5	32 x 17.5	997	16.3	25
6	YHC074F4*LA0000	15.5	73,000	64,800	81	47 x 53 x 88	33 x 17.5	32 x 17.5	1114	18.7	25
7 ½	YHC092F4*LA0000	14.5	92,000	96,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	19.9	25
8 ½	YHC102F4*LA0000	14.7	103,000	96,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	19.9	25
10	YHC120F4*LA0000	14.7	119,000	120,000	80	51 x 63 x 100	33 x 17.5	32 x 17.5	1563	24.9	30
<b>YHC - 575/3/60 - Three Phase - Low Heat</b>											
6	YHC072FW*LA0000	14.5	72,000	64,800	80	47 x 53 x 88	33 x 17.5	32 x 17.5	997	12.7	15
7 ½	YHC092FW*LA0000	15.5	92,000	96,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	15.6	20
8 ½	YHC102FW*LA0000	14.5	103,000	96,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	16.5	20
10	YHC120FW*LA0000	14.7	119,000	120,000	80	51 x 63 x 100	33 x 17.5	32 x 17.5	1563	16.4	20
<b>YHC - 208/230/3/60 - Three Phase - Medium Heat</b>											
6	YHC072F3*MA0000	14.5	72,000	96,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	997	33.9	50
6	YHC074F3*MA0000	15.5	73,000	97,200	81	47 x 53 x 88	33 x 17.5	32 x 17.5	1114	37.4	50
7 ½	YHC092F3*MA0000	14.5	92,000	120,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	41.9	50
8 ½	YHC102F3*MA0000	14.7	103,000	120,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	42.0	50
10	YHC120F3*MA0000	14.7	119,000	160,000	80	51 x 63 x 100	33 x 17.5	32 x 17.5	1563	50.3	60
<b>YHC - 460/3/60 - Three Phase - Medium Heat</b>											
6	YHC072F4*MA0000	14.5	72,000	96,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	997	16.3	25
6	YHC074F4*MA0000	15.5	73,000	97,200	81	47 x 53 x 88	33 x 17.5	32 x 17.5	1114	18.7	25
7 ½	YHC092F4*MA0000	14.5	92,000	120,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	19.9	25
8 ½	YHC102F4*MA0000	14.7	103,000	120,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	19.9	25
10	YHC120F4*MA0000	14.7	119,000	160,000	80	51 x 63 x 100	33 x 17.5	32 x 17.5	1563	24.9	30
<b>YHC - 575/3/60 - Three Phase - Medium Heat</b>											
6	YHC072FW*MA0000	14.5	72,000	96,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	997	12.7	15
7 ½	YHC092FW*MA0000	15.5	92,000	120,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	15.6	20
8 ½	YHC102FW*MA0000	14.5	103,000	120,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	16.5	20
10	YHC120FW*MA0000	14.7	119,000	160,000	80	51 x 63 x 100	33 x 17.5	32 x 17.5	1563	16.4	20
<b>YHC - 208/230/1/60 - Single Phase - High Heat</b>											
6	YHC072F3*HA0000	14.5	72,000	120,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	997	33.9	50
6	YHC074F3*HA0000	15.5	73,000	121,500/85,050	81	47 x 53 x 88	33 x 17.5	32 x 17.5	1114	37.4	50
7 ½	YHC092F3*HA0000	14.5	92,000	120,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	41.9	50
8 ½	YHC102F3*HA0000	14.7	103,000	160,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	42.0	50
10	YHC120F3*HA0000	14.7	119,000	200,000	80	51 x 63 x 100	33 x 17.5	32 x 17.5	1563	50.3	60
<b>YHC - 208/230/3/60 - Three Phase - High Heat</b>											
6	YHC072F4*HA0000	14.5	72,000	120,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	997	16.3	25
6	YHC074F4*HA0000	15.5	73,000	121,500/85,050	81	47 x 53 x 88	33 x 17.5	32 x 17.5	1114	18.7	25
7 ½	YHC092F4*HA0000	14.5	92,000	120,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	19.9	25
8 ½	YHC102F4*HA0000	14.7	103,000	160,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	19.9	25
10	YHC120F4*HA0000	14.7	119,000	200,000	80	51 x 63 x 100	33 x 17.5	32 x 17.5	1563	24.9	30
<b>YHC - 575/3/60 - Three Phase - High Heat</b>											
6	YHC072FW*HA0000	14.5	72,000	120,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	997	12.7	15
7 ½	YHC092FW*HA0000	15.5	92,000	120,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	15.6	20
8 ½	YHC102FW*HA0000	14.5	103,000	160,000	80	47 x 53 x 88	33 x 17.5	32 x 17.5	1124	16.5	20
10	YHC120FW*HA0000	14.7	119,000	200,000	80	51 x 63 x 100	33 x 17.5	32 x 17.5	1563	16.4	20

① Downflow Airflow/Horizontal Airflow

\* Digit 9-E=Electromechanical or R=ReliaTel™.

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

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

# Packaged Gas/Electric Convertible 6-10 Tons, R-410A

**Table LPG-6-A — Base Unit — Standard Efficiency — Electromechanical or ReliaTel™**

Tons	Unit Ordering No.	Performance <sup>②</sup> IEEER	Cooling Capacity (Btuh)	Heating Output <sup>①</sup> Capacity (Btuh)	AFUE%	Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA**	Max. Fuse**
<b>YSC –208-230/3/60 – Three Phase – Low Heat</b>											
6	YSC072F3*LA0000	13.0	75,000	64,800	80	41 x 53 x 89	33 x 17.5	32.13 x 17.5	936	36.5	50
7½	YSC090F3*LA0000	12.2	89,000	96,000	80	41 x 53 x 89	33 x 17.5	32.13 x 17.5	916	38.2	60
7½	YSC092F3*LA0000	13.0	94,000	97,200	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1059	41.2	50
8½	YSC102F3*LA0000	12.8	102,000	97,200	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1096	46.3	60
10	YSC120F3*LA0000	13.0	118,000	121,500	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1156	49.6	60
<b>YSC –460/3/60 – Three Phase – Low Heat</b>											
6	YSC072F4*LA0000	13.0	75,000	64,800	80	41 x 53 x 89	33 x 17.5	32.13 x 17.5	936	18.2	25
7½	YSC090F4*LA0000	12.2	89,000	96,000	80	41 x 53 x 89	33 x 17.5	32.13 x 17.5	916	19.5	30
7½	YSC092F4*LA0000	13.0	94,000	97,200	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1059	21.5	25
8½	YSC102F4*LA0000	12.8	102,000	97,200	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1096	21.9	25
10	YSC120F4*LA0000	13.0	118,000	121,500	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1156	22.7	35
<b>YSC –575/3/60 – Three Phase – Low Heat</b>											
6	YSC072FW*LA0000	13.0	75,000	64,800	80	41 x 53 x 89	33 x 17.5	32.13 x 17.5	936	12.7	20
7½	YSC090FW*LA0000	12.2	89,000	96,000	80	41 x 53 x 89	33 x 17.5	32.13 x 17.5	916	14.7	20
7½	YSC092FW*LA0000	13.0	94,000	97,200	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1059	15.0	20
8½	YSC102FW*LA0000	12.8	102,000	97,200	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1096	17.5	20
10	YSC120FW*LA0000	13.0	118,000	121,500	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1156	18.9	25
<b>YSC –208-230/3/60 – Three Phase – Medium Heat</b>											
6	YSC072F3*MA0000	13.0	75,000	97,200	80	41 x 53 x 89	33 x 17.5	32.13 x 17.5	936	36.5	50
7½	YSC090F3*MA0000	12.2	89,000	120,000	80	41 x 53 x 89	33 x 17.5	32.13 x 17.5	916	38.2	60
7½	YSC092F3*MA0000	13.0	94,000	121,500	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1059	41.2	50
8½	YSC102F3*MA0000	12.8	102,000	121,500	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1096	46.3	60
10	YSC120F3*MA0000	13.0	118,000	162,000	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1156	49.6	60
<b>YSC –460/3/60 – Three Phase – Medium Heat</b>											
6	YSC072F4*MA0000	13.0	75,000	97,200	80	41 x 53 x 89	33 x 17.5	32.13 x 17.5	936	18.2	25
7½	YSC090F4*MA0000	12.2	89,000	120,000	80	41 x 53 x 89	33 x 17.5	32.13 x 17.5	916	19.5	30
7½	YSC092F4*MA0000	13.0	94,000	121,500	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1059	21.5	25
8½	YSC102F4*MA0000	12.8	102,000	121,500	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1096	21.9	25
10	YSC120F4*Ma0000	13.0	118,000	162,000	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1156	22.7	35
<b>YSC –575/3/60 – Three Phase – Medium Heat</b>											
6	YSC072FW*MA0000	13.0	75,000	97,200	80	41 x 53 x 89	33 x 17.5	32.13 x 17.5	936	12.7	20
7½	YSC090FW*MA0000	12.2	89,000	120,000	80	41 x 53 x 89	33 x 17.5	32.13 x 17.5	916	14.7	20
7½	YSC092FW*MA0000	13.0	94,000	121,500	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1059	15.9	20
8½	YSC102FW*MA0000	12.8	102,000	121,500	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1096	17.5	20
10	YSC120FW*MA0000	13.0	118,000	162,000	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1156	18.9	25
<b>YSC –208-230/3/60 – Three Phase – High Heat</b>											
6	YSC072F3*HA0000	13.0	75,000	121,500	80	41 x 53 x 89	33 x 17.5	32.13 x 17.5	936	36.5	50
7½	YSC090F3*HA0000	12.2	89,000	160,000	80	41 x 53 x 89	33 x 17.5	32.13 x 17.5	916	38.2	60
7½	YSC092F3*HA0000	13.0	94,000	162,000	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1059	41.2	50
8½	YSC102F3*HA0000	12.8	102,000	162,000	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1096	46.3	60
10	YSC120F3*HA0000	13.0	118,000	205,500	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1156	49.6	60
<b>YSC –460/3/60 – Three Phase – High Heat</b>											
6	YSC072F4*HA0000	13.0	75,000	121,500	80	41 x 53 x 89	33 x 17.5	32.13 x 17.5	936	18.2	25
7½	YSC090F4*HA0000	12.2	89,000	160,000	80	41 x 53 x 89	33 x 17.5	32.13 x 17.5	916	19.5	30
7½	YSC092F4*HA0000	13.0	94,000	162,000	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1059	21.5	25
8½	YSC102F4*HA0000	12.8	102,000	162,000	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1096	21.9	25
10	YSC120F4*HA0000	13.0	118,000	205,500	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1156	22.7	35
<b>YSC –575/3/60 – Three Phase – High Heat</b>											
6	YSC072FW*HA0000	13.0	75,000	121,500	80	41 x 53 x 89	33 x 17.5	32.13 x 17.5	936	12.7	20
7½	YSC090FW*HA0000	12.2	89,000	160,000	80	41 x 53 x 89	33 x 17.5	32.13 x 17.5	916	14.7	20
7½	YSC092FW*HA0000	13.0	94,000	162,000	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1059	15.9	20
8½	YSC102FW*HA0000	12.8	102,000	162,000	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1096	17.5	20
10	YSC120FW*HA0000	13.0	118,000	205,500	80	47 x 53 x 89	33 x 17.5	32.13 x 17.5	1156	18.9	25

Note: YSC090 and YSC102 units do not meet 2018 DOE requirements and will be sold while supplies last.

① Downflow Airflow/Horizontal Airflow

② SEER applies, 3-5 tons; EER applies 6-10 tons.

\* Digit 9-E=Electromechanical or R=ReliaTel™.

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

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

Light Commercial  
Packaged Gas/Electric



# 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>		20	<b>Convenience Outlet</b>	
9	<b>Unit Controls</b>			No Convenience Outlet .....0	
	Electromechanical .....E			Unpowered Convenience Outlet .....A	
	ReliaTel™ Micro-processor .....R			Powered Convenience Outlet (three-phase only)⑨.....B	
10	<b>Heating Capacity</b>		21	<b>Communications Options③</b>	
	Low .....L			No Communications Interface .....0	
	Medium.....M			Novar 2024 Controls③⑩.....3	
	High.....H			Novar 3051 Controls without Zone Sensor③⑩.....4	
	Low - Stainless Steel Heat Exchanger .....X			Novar 3051 Controls Interface with DCV③⑩.....5	
	Medium - Stainless Steel Heat Exchanger .....Y			BACnet™ Communications Interface .....6	
	High - Stainless Steel Heat Exchanger .....Z		22	<b>Refrigeration System Option</b>	
11	<b>Minor Design Sequence</b>			Standard Refrigeration System⑩.....0	
	First Sequence .....A			Dehumidification Option②②③③.....B	
12-13	<b>Service Sequence</b>		23	<b>Refrigeration Controls</b>	
	First Sequence (Factory assigned).....*,*			<b>Note: Applicable to Digit 7 = E, F</b>	
14	<b>Fresh Air Selection</b>			No Refrigeration Control⑤.....0	
	No Fresh Air .....0			Frostat⑪⑲.....1	
	Manual Outside Air Damper 0-50%④.....A			Crankcase Heater②.....2	
	Motorized Outside Air Damper 0-50%②⑥.....B			Frostat⑪⑲ and Crankcase Heater②.....3	
	Economizer, Dry Bulb 0-100% without		24	<b>Smoke Detector⑰</b>	
	Barometric Relief⑦.....C			No Smoke Detector.....0	
	Economizer, Dry Bulb 0-100% with Barometric Relief⑦...D			Return Air Smoke Detector⑱⑲.....A	
	Economizer, Reference Enthalpy 0-100% without			Supply Air Smoke Detector .....B	
	Barometric Relief③⑦.....E			Supply and Return Air Smoke Detectors⑱⑲.....C	
	Economizer, Reference Enthalpy 0-100% with			Plenum Smoke Detector.....D	
	Barometric Relief③⑦.....F		25	<b>System Monitoring Controls</b>	
	Economizer, Comparative Enthalpy 0-100%			No Monitoring Control⑭.....0	
	without Barometric Relief③⑦.....G			Clogged Filter Switch⑭.....1	
	Economizer, Comparative Enthalpy 0-100%			Fan Failure Switch⑭.....2	
	with Barometric Relief③⑦.....H			Discharge Air Sensing Tube⑭.....3	
	Low Leak Economizer, Dry Bulb			Clogged Filter Switch and Fan Failure Switch⑭.....4	
	with Barometric Relief.....K			Clogged Filter Switch and Discharge Air Sensing Tube⑭...5	
	Low Leak Economizer, Comparative Enthalpy			Fan Failure Switch and Discharge Air Sensing Tube⑭.....6	
	with Barometric Relief.....M			Clogged Filter Switch, Fan Failure Switch and	
	Low Leak Economizer, Reference Enthalpy			Discharge Air Sensing Tube⑭.....7	
	with Barometric Relief.....P			Novar Return Air Sensor (NOVAR 2024)⑮⑳.....8	
15	<b>Supply Fan/Drive Type/Motor</b>			Novar ZoneTemp Sensor (NOVAR 3051)⑮⑳.....9	
	Standard Drive⑥.....0			Condensate Drain Pan Overflow Switch.....A	
	Oversized Motor .....1			Clogged Filter Switch⑭ and Condensate Drain	
	Optional Belt Drive Motor⑮.....2			Pan Overflow Switch.....B	
	Single Zone VAV⑳.....6			Fan Failure Switch⑭ and Condensate Drain	
	Multi-Speed Indoor Fan⑦.....7			Pan Overflow Switch.....C	
	VAV Supply Air Temperature Control Standard Motor③.....E			Discharge Air Sensing⑭ and Condensate Drain	
16	<b>Hinged Service Access/Filters</b>			Pan Overflow Switch.....D	
	Standard Panels/Standard Filters.....0			Clogged Filter Switch⑭, Fan Failure Switch⑭	
	Hinged Access Panels/Standard Filters .....A			and Condensate Drain Pan Overflow Switch.....E	
	Standard Panels/2" MERV 8 Filters .....B			Clogged Filter Switch⑭, Discharge Air Sensing Tube⑭	
	Hinged Access Panels/2" MERV 8 Filters.....C			and Condensate Drain Pan Overflow Switch.....F	
	Standard Panels/2" MERV 13 Filters .....D			Fan Failure Switch, Discharge Air Sensing Tube⑭ and	
	Hinged Access Panels/2" MERV 13 Filters.....E			Condensate Drain Pan Overflow Switch.....G	
17	<b>Condenser Coil Protection</b>			Clogged Filter Switch⑭, Fan Failure Switch⑭,	
	Standard Coil.....0			Discharge Air Sensing⑭ and Condensate	
	Standard Coil with Hail Guard .....1			Drain Pan Overflow Switch.....H	
	Black Epoxy Pre-Coated Condenser Coil⑳.....2		26	<b>System Monitoring Controls</b>	
	Black Epoxy Pre-Coated Condenser Coil with			No Monitoring Controls.....0	
	Hail Guard⑳.....3			Demand Control Ventilation (CO <sub>2</sub> )⑳⑳.....A	
	CompleteCoat™ Condenser Coil .....4			Fault Detection and Diagnostics (FDD) .....B	
	CompleteCoat™ Condenser Coil with Hail Guard.....5			Fault Detection and Diagnostics (FDD)	
18	<b>Through the Base Provisions</b>			with Demand Control Ventilation .....C	
	<b>Note: Applicable to Digit 1, T or Y models</b>		27	<b>Unit Hardware Enhancements</b>	
	No Through-the-Base Provisions .....0			No Enhancements.....0	
	Through-the-Base Electric⑥.....A			Stainless Steel Drain Pan.....1	
	<b>Note: Applicable to Digit 1, Y models only</b>		31	<b>Advanced Unit Controls</b>	
	Through-the-Base Gas Piping⑥.....B			Standard Unit Controls.....0	
	Through-the-Base Electric and Gas Piping⑥.....C			Human Interface.....1	
19	<b>Disconnect/Circuit Breaker (three-phase only)</b>				
	No Disconnect/No Circuit Breaker.....0				
	Unit Mounted Non-Fused Disconnect⑥.....1				
	Unit Mounted Circuit Breaker⑥.....2				

See Footnotes ①-③ next page.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

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HEATING & AIR CONDITIONING

# Packaged Gas/Electric Convertible 3-10 Tons (Model Digit Numbers)

- ① Available on 3-5 Ton models.
- ② Standard on 4-5 Ton E3,4,W and 6-10 Ton Heat Pumps and all High Efficiency models.
- ③ Not available with electromechanical controls.
- ④ Manual outside air damper will ship factory supplied within the unit, but must be field installed.
- ⑤ High pressure control is standard on all units.
- ⑥ On 3-5 ton, multispeed direct drive is standard on single phase and 15 SEER. On 6-10 ton, multispeed direct drive is standard on all 10 ton and 7.5-8.5 ton high efficiency. Belt drive is standard on all other units.
- ⑦ 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.
- ⑧ Through the base electric required when ordering disconnect/circuit breaker options.
- ⑨ Requires use of Disconnect or Circuit Breaker.

## Digit 15 = 0

### Standard Efficiency

- 1 Phase = High Efficiency Multispeed Direct Drive Motor
- 3 Phase (3-8½ Ton) = Belt Drive
- 3 Phase (10 Ton) = Ultra High Efficiency Direct Drive Plenum Fan

### High Efficiency

- 1 Phase = High Efficiency Multispeed Direct Drive Motor
- 3 Phase (3-5 ton) = High Efficiency Multispeed Direct Drive Motor
- 3 Phase (3-5 ton w/Dehumidification) = Belt Drive Motor
- 3 Phase (7½-10 ton) = Ultra High Efficiency Direct Drive Plenum Fan

### Not Available

Standard Efficiency: 10 Ton w/575V

High Efficiency: 3-5 ton w/Standard Indoor Motor w/460V

- ⑩ Standard metering devices are TXVs.
- ⑪ Froststat cannot be field installed in electro-mechanical units.
- ⑫ The return air smoke detector may not fit up or work properly on the Precedent 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.
- ⑬ Return Air Smoke Detector cannot be ordered with Novar Controls.
- ⑭ These options are standard when ordering Novar Controls.
- ⑮ This option is used when ordering Novar Controls.
- ⑯ Includes gas piping and shutoff (field assembly required).
- ⑰ Not available with high temperature duct sensor accessory.
- ⑱ Digit 15 = 2
- ⑲ Novar Sensor utilized with Digit 21 = (4) Novar 3051 Controls without Zone Sensor.
- ⑳ Available for T/Y 10 ton standard efficiency models only.
- ㉑ Available for T/Y 3, 4, 5, 6, 7½, 8½ ton standard/high efficiency models only.
- ㉒ Requires selection of 2" Pleated Filters (option B or C) for Digit 16.
- ㉓ Not available on 6 ton units and all single phase or standard efficiency.
- ㉔ Standard on T/YSC 6, 7½ (single and dual systems), 8½, 10 ton standard efficiency models and T/YHC 4, 5, 6, 7½ ton high efficiency models (except for dehumidification models).
- ㉕ Epoxy coil and epoxy with hailguard options are not available for units with microchannel condenser coil.
- ㉖ Single Zone VAV is only available on 7.5-10 ton high efficiency and 10 ton standard efficiency products with ReliaTel™ controls.
- ㉗ Multi-speed indoor fan available only on 7.5 & 8.5 ton high efficiency, and 10 ton products with ReliaTel™ controls.
- ㉘ Motorized Outside Air Damper is not available on Multi-Speed or SZVAV (Single Zone Variable Air Volume) products.
- ㉙ Froststat standard on Multi-Speed and SZVAV (Single Zone Variable Air Volume) products.
- ㉚ Novar is not available with SZVAV products.
- ㉛ Demand Control Ventilation not available with electromechanical controls.
- ㉜ Demand Control Ventilation Option includes wiring only. The CO<sub>2</sub> sensor is a field-installed only option.
- ㉝ When ordering Dehumidification option, digit #7 will revert back to E, not F.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

# Packaged Gas/Electric Convertible 3-10 Tons Accessories

**Table LPG-9-A — Accessories**

Model Number	Description	Used With <sup>①</sup>
BAYABRD001C <sup>②</sup>	ReliaTel™ Options Module	All Y*C036-120*
BAYASCT001C <sup>⑦⑧</sup>	Anti-Short-Cycle Timer	All Y*C036-120* w/ Electro Mechanical
BAYBARM010A <sup>⑨</sup>	Barometric Relief	YSC036, YHC036, YHC037
BAYBARM011A <sup>⑨</sup>	Barometric Relief	YSC048-120, YHC047-120
BAYBCIR001A	BACnet™ Communication Interface	All Y*C036-120* w/ ReliaTel™
BAYCURB042A <sup>⑩</sup>	Roof Curb	YSC036-060, YHC036, YHC037
BAYCURB043A <sup>⑩</sup>	Roof Curb	YSC072-120, YHC047-102
BAYCURB044A	Roof Curb	YHC120F
BAYDFPS003B <sup>③⑥</sup>	Clogged Filter Switch	All Y*C036-120*
BAYDFPS014A	Clogged Filter Switch (MERV 13 Filter)	All Y*C036-120*
BAYDFPS004 <sup>③⑥</sup>	Fan Failure Switch	All Y*C036-120*
BAYDMPR053B0	0-50% Manual Outside Air Damper	YSC036, YHC036, YHC037
BAYDMPR056B0	0-50% Manual Outside Air Damper	YSC048-120, YHC047-120
BAYDMPR051A <sup>③</sup>	0-50% Motorized Outside Air Damper	YSC036, YHC036, YHC037 (ReliaTel™)
BAYDMPR052B <sup>⑦</sup>	0-50% Motorized Outside Air Damper	YSC036, YHC036 (Electro Mechanical)
BAYDMPR054A <sup>③</sup>	0-50% Motorized Outside Air Damper	YSC048-120, YHC047-120 (ReliaTel™)
BAYDMPR055B <sup>⑦</sup>	0-50% Motorized Outside Air Damper	YSC048-120, YHC048-120 (Electro Mechanical)
BAYECON085A <sup>③</sup>	0-100% Dry Bulb Economizer	YSC036, YHC036, YHC037 (ReliaTel™)
BAYECON086B <sup>⑦</sup>	0-100% Dry Bulb Economizer	YSC036-060, YHC036 (Electro Mechanical)
BAYECON087A <sup>③</sup>	0-100% Dry Bulb Economizer	YSC048-120, YHC047-120 (ReliaTel™)
BAYECON088B <sup>⑦</sup>	0-100% Dry Bulb Economizer	YSC048-120, YHC048-120 (Electro Mechanical)
BAYECON704A	Downflow Low Leak Economizer	YSC048-120, YHC047-120 (ReliaTel™)
BAYECON705B	Downflow Low Leak Economizer	YSC036, YHC036, YHC037 (ReliaTel™)
BAYENTH300A	Reference Enthalpy Kit (Solid State)	BAYECON086A, 088A (Electro-Mechanical)
BAYENTH301A	Comparative Enthalpy Kit (Solid State)	BAYECON086A, 088A (Electro-Mechanical)
BAYENTH005A <sup>⑩</sup>	Reference Enthalpy Kit	BAYECON085A, 087A (ReliaTel™)
BAYENTH006B <sup>⑩</sup>	Comparative Enthalpy Kit	BAYECON086A, 087A (ReliaTel™)
BAYFRST003A <sup>③④</sup>	High Temperature Stat	All Y*C036-120*
BAYGARD037C	Condenser Coil Hail Guard	YHC036, YHC037
BAYGARD040C	Condenser Coil Hail Guard	YSC072-090, YHC047-067
BAYGARD041C	Condenser Coil Hail Guard	YSC092-120
BAYGARD070A	Condenser Coil Hail Guard	YHC120
BAYGARD137A	Condenser Coil Hail Guard	YSC036-060
BAYGARD141A	Condenser Coil Hail Guard	YHC072-102
BAYHAKT011A	High Altitude Kit	YSC036-060G
BAYHAKT010E	High Altitude Kit	YSC072-120, YHC036-120

- ① Kits contain all necessary parts to achieve desired level of enthalpy control.
- ② Lynn Haven Manufacturing has a No-Return policy for this roof curb.
- ③ For use with ReliaTel™ controlled units only.
- ④ Cannot be used in conjunction with factory installed Smoke Detector option.
- ⑤ 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.
- 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 (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.**
- ⑦ Electromechanical controlled units only
- ⑧ Activated on Power on.
- ⑨ Field installed accessory. Requires an economizer.
- ⑩ The manual outside air damper will ship factory supplied within the unit, but must be field installed.
- ⑪ A=R-22, E=410A

# Packaged Gas/Electric Convertible 3-10 Tons Accessories

**Table LPG-10-A — Accessories**

Model Number	Description	Used With®
BAYHSMT082A	2 HP Oversized motor kit (208-230/460V	YSC072F3, 4
BAYHSMT083A	2 HP Oversized motor kit (575V	YSC072FW
BAYHSMT402A	2 HP Oversized motor kit	YHC072F3, 4
BAYHSMT086A	3 HP Oversized motor kit (208-230/460V	YSC090-102F3, 4
BAYHSMT087A	3 HP Oversized motor kit (575V	YSC090-102FW
BAYLSDR009A	Low Static Drive Kit	YHC072F
BAYHSDR012A	High Static Drive Kit	YSC072F
BAYLMSW001A®	Power Exhaust Limit Switch	All Y*C036-120*
BAYLOAM020B1®	Evaporator Defrost Control (Frostat)	YHC036-067E*R,
BAYLOAM120A	Evaporator Defrost Control (Frostat)	YSC036-060G*R (ReliaTel™)
BAYLTIC002B④	LonTalk® Communications Interface (LCI	All Y*C036-120*, R (ReliaTel™)
BAYLPKT029D	LP Conversion Kit	YSC036-060*L/M/H, YSC072*H, YSC090-102*M/H, YSC120*L/M/H, YHC072*H, YHC092-102*M/H, YHC120*L/M/H
BAYLPKT050C	LP Conversion Kit	YSC072*L/M, YSC090-102*L, YHC036-0060*L/M/H, YHC072*L/M, YHC092-102*L
BAYPWRX026A	Power Exhaust (208-230/3 VAC	YSC072-120*3, YHC047-120*3
BAYPWRX027A	Power Exhaust (460/3 VAC	YSC072-120*4, YHC047-120*4
BAYPWRX028A	Power Exhaust (575/3 VAC	YSC072-120*W, YHC047-120*W
BAYPWRX070A	Power Exhaust (208-230/3 VAC	YSC036-060*3, YHC036*3, YHC037*3
BAYPWRX071A	Power Exhaust (460/3 VAC	YSC036-060*4, YHC036*4, YHC037*4
BAYPWRX072A	Power Exhaust (575/3 VAC	YSC036-060*W
BAYQACB009A②⑤	Quick Adapt Roof Curb	YSC036-060, YHC036, YHC037
BAYQACB010A②⑤	Quick Adapt Roof Curb	YSC036-060, YHC036, YHC037
BAYQACB011A②⑦	Quick Adapt Roof Curb	YSC072-120, YHC047-102
BAYQACB012A②⑦	Quick Adapt Roof Curb	YSC072-120, YHC047-102
BAYQACB013A②⑦	Quick Adapt Roof Curb	YSC072-120, YHC047-102
BAYRTEM001A®	Fully Featured ReliaTel™ Economizer Logic Model	All Y*C036-120*
BAYSENS016A④	Temperature Sensor	All Y*C036-120*
BAYSENS250A3®	CO2 Duct Mounted, Sensor Only	All Y*C036-120*, R (ReliaTel™)
BAYSENS251A3®	CO2 Wall Mounted, Sensor Only	All Y*C036-120*, R (ReliaTel™)
BAYSERV001A④	Selective Resistance Service Tester	All Y*C036-120*
BAYSTAT0234	Remote Potentiometer	All Y*C036-120*
BAYTUBE004A②④⑤	Discharge Air Sensing Kit	YHC036-037*R
BAYTUBE006A②④⑤	Discharge Air Sensing Kit	YSC072-102*R, YHC047-072*R
BAYTUBE104A	Discharge Air Sensing Kit	YSC036-060*R
BAYTUBE400A	Discharge Air Sensing Kit	YSC120*R
BAYTUBE402A	Discharge Air Sensing Kit	YHC120*R
BAYVNOR001B④⑤⑥	Ventilation Override Kit	All Y*C036-120*

- ① For use with ReliaTel™ microprocessor controlled units only. Must be factory installed for Electromechanical controlled units.
- ② Used for true discharge air sensing in both heating and cooling. Required for supply air tempering.
- ③ Lynn Haven Manufacturing has a No-Return policy for this roof curb.
- ④ For use with ReliaTel™ controlled units only.
- ⑤ 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 (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.**
- ⑥ BAYQACB009A adapts Voyager BAYCURB021B to accept Precedent 3 -5 ton unit. BAYQACB010A adapts Voyager BAYCURB022B to accept Precedent 3-5 ton unit. BAYQACB012A adapts Voyager BAYCURB025B to accept Precedent 6-10 ton unit. BAYQACB013A adapts Voyager BAYCURB026B to accept Precedent 6-10 ton unit. BAYQACB011A adapts Voyager BAYCURB022B to accept Precedent 6-10 ton unit.
- ⑦ 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.
- ⑧ Power Exhaust cannot be used with Barometric Relief. Order Economizer without Barometric Relief.
- ⑨ Field installed accessory. Requires an economizer.
- ⑩ A=R-22, E=410A
- ⑪ When ordering a field installed power exhaust on a unit with electromechanical controls, BAYLMSW001A must be ordered.
- ⑫ If any version of comparative or reference enthalpy is ordered, BAYRTEM001A does not need to be ordered.
- ⑬ Order only when unit has factory installed Demand Control Ventilation option.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

Light Commercial  
Packaged Gas/Electric

# Packaged Gas/Electric Convertible 3-10 Tons, R-410A Zone Sensors / Thermostats

**Table LPG-11-A — Zone Sensors for ReliaTel™ Controlled Units**

Model Number	Description	Used With
ASYSTAT106A	Single Setpoint Manual Changeover	Y*C036-120*, R
ASYSTAT107A	Single Setpoint Y*C036-120*, R	
ASYSTAT108A	Dual Setpoint Manual or Auto Changeover	Y*C036-120*, R
ASYSTAT109A	Dual Setpoint Changeover Sensor	Y*C036-120*, R
ASYSTAT111A	Remote Room Sensor Y*C036*120*, R	
ASYSTAT777A	Programmable Night Setback w/System Function Lights (Vertical Style)	Y*C036-120*, R
ASYSTAT708A	Programmable Night Setback w/System Function Lights	Y*C036-120*, R
ASYSTAT710A	Wall Mounted Humidity Sensor	Y*C036-120*
ASYSTAT711A	Duct Mounted Humidity Sensor	Y*C036-120*
BAYMTPL110A	Retrofit Wall Cover Plate Kit 7.25" x 6.0"	ASYSTAT666C
BAYSENS924A	Title 24 Zone Sensor <sup>①</sup>	All

① Must be used with ReliaTel™ Control and BCI Communications Interface.

Read Only

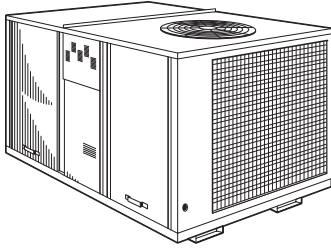
**For additional Controls Information:  
 See ReliaTel™ and Micro Control features on LPC-12 and LPC-13.**



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HEATING & AIR CONDITIONING

# Packaged Gas/Electric with ReliaTel™ Controls 12½-25 Tons, R-410A



**12½ - 25 Ton YHD-G — Downflow**  
**12½ - 25 Ton YHH-G — Horizontal**

- Scroll compressors on all units
  - **ReliaTel™** control features are listed on page LPC-12
  - Operating charge of R-410A
  - Built-in anti-short cycle timer, time delay relay and minimum on time controls
  - Low Ambient to 0°F standard
  - High efficiency drum and tube heat exchanger (12½ - 25 tons)
  - Color coded and numbered wiring
  - 2" throwaway filters
  - 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
  - Sloped sheet metal drain pans
  - **5-year limited compressor warranty (12 ½ - 25 tons)**
  - **5-year limited heat exchanger warranty (12 ½ - 17 ½ tons)**
  - **1-year limited warranty (20 - 25 tons)**

**Table LPG-12-A — High Efficiency ReliaTel™ Units (R-410A)**

Tons	Unit Model No	Power Supply Volts/Phase/Hz	Performance IEER <sup>①</sup>	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 <sup>①</sup>	Roofcurb
<b>YH* - Three Phase Low Heat</b>											
12½	YH*150G3RLB0000	208-230/3/60	13.5	144,000	120,000	54 x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2691	65	90	BAYCURB027B	
15	YH*180G3RLB0000	208-230/3/60	14.0	174,000	200,000	64 <sup>1</sup> / <sub>8</sub> x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2660	68	90	BAYCURB027B	
17½	YH*210G3RLB0000	208-230/3/60	13.0	204,000	200,000	64 <sup>1</sup> / <sub>8</sub> x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2619	86	110	BAYCURB027B	
20	YH*240G3RLB0000	208-230/3/60	12.4	234,000	200,000	64 <sup>1</sup> / <sub>8</sub> x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2690	99	125	BAYCURB027B	
25	YH*300G3RLB0000	208-230/3/60	12.4	274,000	200,000	64 <sup>1</sup> / <sub>8</sub> x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2719	121	150	BAYCURB027B	
12½	YH*150G4RLB0000	460/3/60	13.5	144,000	120,000	54 x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2691	30	40	BAYCURB027B	
15	YH*180G4RLB0000	460/3/60	14.0	174,000	200,000	64 <sup>1</sup> / <sub>8</sub> x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2660	33	45	BAYCURB027B	
17½	YH*210G4RLB0000	460/3/60	13.0	204,000	200,000	64 <sup>1</sup> / <sub>8</sub> x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2619	43	60	BAYCURB027B	
20	YH*240G4RLB0000	460/3/60	12.4	234,000	200,000	64 <sup>1</sup> / <sub>8</sub> x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2690	46	60	BAYCURB027B	
25	YH*300G4RLB0000	460/3/60	12.4	274,000	200,000	64 <sup>1</sup> / <sub>8</sub> x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2719	57	70	BAYCURB027B	
12½	YH*150GWRLB0000	575/3/60	13.5	144,000	120,000	54 x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2691	24	30	BAYCURB027B	
15	YH*180GWRLB0000	575/3/60	14.0	174,000	200,000	64 <sup>1</sup> / <sub>8</sub> x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2660	26	35	BAYCURB027B	
17½	YH*210GWRLB0000	575/3/60	13.0	204,000	200,000	64 <sup>1</sup> / <sub>8</sub> x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2619	33	45	BAYCURB027B	
20	YH*240GWRLB0000	575/3/60	12.4	234,000	200,000	64 <sup>1</sup> / <sub>8</sub> x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2690	38	50	BAYCURB027B	
25	YH*300GWRLB0000	575/3/60	12.4	274,000	200,000	64 <sup>1</sup> / <sub>8</sub> x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2719	44	50	BAYCURB027B	
<b>YH* - Three Phase High Heat</b>											
12½	YH*150G3RHB0000	208-230/3/60	13.5	144,000	200,000	54 x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2691	65	90	BAYCURB027B	
15	YH*180G3RHB0000	208-230/3/60	14.0	174,000	280,000	64 <sup>1</sup> / <sub>8</sub> x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2660	68	90	BAYCURB027B	
17½	YH*210G3RHB0000	208-230/3/60	13.0	204,000	280,000	64 <sup>1</sup> / <sub>8</sub> x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2619	86	110	BAYCURB027B	
20	YH*240G3RHB0000	208-230/3/60	12.4	234,000	320,000	64 <sup>1</sup> / <sub>8</sub> x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2690	99	125	BAYCURB027B	
25	YH*300G3RHB0000	208-230/3/60	12.4	274,000	320,000	64 <sup>1</sup> / <sub>8</sub> x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2719	121	150	BAYCURB027B	
12½	YH*150G4RHB0000	460/3/60	13.5	144,000	200,000	54 x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2691	30	40	BAYCURB027B	
15	YH*180G4RHB0000	460/3/60	14.0	174,000	280,000	64 <sup>1</sup> / <sub>8</sub> x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2660	33	45	BAYCURB027B	
17½	YH*210G4RHB0000	460/3/60	13.0	204,000	280,000	64 <sup>1</sup> / <sub>8</sub> x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2619	43	60	BAYCURB027B	
20	YH*240G4RHB0000	460/3/60	12.4	234,000	320,000	64 <sup>1</sup> / <sub>8</sub> x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2690	46	60	BAYCURB027B	
25	YH*300G4RHB0000	460/3/60	12.4	274,000	320,000	64 <sup>1</sup> / <sub>8</sub> x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2719	57	70	BAYCURB027B	
12½	YH*150GWRHB0000	575/3/60	13.5	144,000	200,000	54 x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2691	24	30	BAYCURB027B	
15	YH*180GWRHB0000	575/3/60	14.0	174,000	280,000	64 <sup>1</sup> / <sub>8</sub> x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2660	26	35	BAYCURB027B	
17½	YH*210GWRHB0000	575/3/60	13.0	204,000	280,000	64 <sup>1</sup> / <sub>8</sub> x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2619	33	45	BAYCURB027B	
20	YH*240GWRHB0000	575/3/60	12.4	234,000	320,000	64 <sup>1</sup> / <sub>8</sub> x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2690	38	50	BAYCURB027B	
25	YH*300GWRHB0000	575/3/60	12.4	274,000	320,000	64 <sup>1</sup> / <sub>8</sub> x 85 <sup>5</sup> / <sub>16</sub> x 122 <sup>5</sup> / <sub>16</sub>	2719	44	50	BAYCURB027B	

① For Downflow units only.

② 278,000 in the Horizontal airflow configuration.

③ Downflow/Horizontal

\* Digit 3 D=Downflow or H=Horizontal.

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

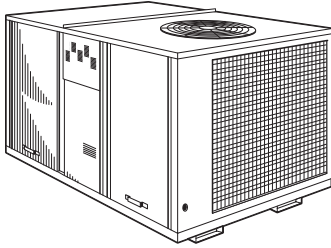
For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

Light Commercial  
Packaged Gas/Electric

BUILT TO A HIGHER STANDARD™

**American Standard**  
HEATING & AIR CONDITIONING

# Packaged Gas/Electric with ReliaTel™ Controls 12½-25 Tons, R-410A



**12½ - 25 Ton YSD-F — Downflow**  
**12½ - 25 Ton YSH-F — Horizontal**

- Scroll compressors on all units
- ReliaTel™ control features are listed on page LPC-12
- Operating charge of R-410A
- Built-in anti-short cycle timer, time delay relay and minimum on time controls
- Low Ambient to 0°F standard
- High efficiency drum and tube heat exchanger (12½ - 25 tons)
- Color coded and numbered wiring
- 2" throwaway filters
- 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
- Sloped sheet metal drain pans
- **5-year limited compressor warranty (12 ½ - 25 tons)**
- **5-year limited heat exchanger warranty (12 ½ - 17 ½ tons)**
- **1-year limited warranty (20 - 25 tons)**

**Table LPG-13-A — Standard Efficiency ReliaTel™ Units (R-410A)**

Tons	Unit Model No.	Power Supply Volts/Phase/Hz	Performance IEER	Capacity (Btuh)	Cooling Capacity (Btuh)	Heating Output Dimensions (in.) H x W x L	Shipping Weight (lbs.)	MCA**	Max Fuse Size or Max Circuit Breaker**	Downflow <sup>Ⓛ</sup> Roofcurb
<b>YS* - Three Phase Low Heat</b>										
12½	YS*150G3RLA0000	208-230/3/60	12.2	140,000	122,000	50⅛ x 71⅝ x 107⅝ <sub>16</sub>	1781	61	80	BAYCURB026B
15	YS*180G3RLA0000	208-230/3/60	12.2	176,000	203,000	54 x 85⅝ <sub>16</sub> x 122⅝ <sub>16</sub>	2281	69	90	BAYCURB027B
17½	YS*210G3RLA0000	208-230/3/60	12.2	193,000	203,000	54 x 85⅝ <sub>16</sub> x 122⅝ <sub>16</sub>	2292	77	100	BAYCURB027B
20	YS*240G3RLA0000	208-230/3/60	11.4	240,000	203,000	54 x 85⅝ <sub>16</sub> x 122⅝ <sub>16</sub>	2353	105	125	BAYCURB027B
25	YS*300G3RLA0000	208-230/3/60	11.4	272,000	203,000	54 x 85⅝ <sub>16</sub> x 122⅝ <sub>16</sub>	2337	112	150	BAYCURB027B
12½	YS*150G4RLA0000	460/3/60	12.2	140,000	122,000	50⅛ x 71⅝ <sub>8</sub> x 107⅝ <sub>16</sub>	1781	29	40	BAYCURB026B
15	YS*180G4RLA0000	460/3/60	12.2	176,000	203,000	54 x 85⅝ <sub>16</sub> x 122⅝ <sub>16</sub>	2281	36	50	BAYCURB027B
17½	YS*210G4RLA0000	460/3/60	12.2	193,000	203,000	54 x 85⅝ <sub>16</sub> x 122⅝ <sub>16</sub>	2292	39	50	BAYCURB027B
20	YS*240G4RLA0000	460/3/60	11.4	240,000	203,000	54 x 85⅝ <sub>16</sub> x 122⅝ <sub>16</sub>	2353	51	70	BAYCURB027B
25	YS*300G4RLA0000	460/3/60	11.4	272,000	203,000	54 x 85⅝ <sub>16</sub> x 122⅝ <sub>16</sub>	2337	55	70	BAYCURB027B
12½	YS*150GWRLA0000	575/3/60	12.2	140,000	122,000	50⅛ x 71⅝ <sub>8</sub> x 107⅝ <sub>16</sub>	1781	22	30	BAYCURB026B
15	YS*180GWRLA0000	575/3/60	12.2	176,000	203,000	54 x 85⅝ <sub>16</sub> x 122⅝ <sub>16</sub>	2281	30	40	BAYCURB027B
17½	YS*210GWRLA0000	575/3/60	12.2	193,000	203,000	54 x 85⅝ <sub>16</sub> x 122⅝ <sub>16</sub>	2292	34	45	BAYCURB027B
20	YS*240GWRLA0000	575/3/60	11.4	240,000	203,000	54 x 85⅝ <sub>16</sub> x 122⅝ <sub>16</sub>	2353	43	60	BAYCURB027B
25	YS*300GWRLA0000	575/3/60	11.4	272,000	203,000	54 x 85⅝ <sub>16</sub> x 122⅝ <sub>16</sub>	2337	45	60	BAYCURB027B
<b>YS* - Three Phase High Heat</b>										
12½	YS*150G3RHA0000	208-230/3/60	12.2	140,000	203,000	50⅛ x 71⅝ <sub>8</sub> x 107⅝ <sub>16</sub>	1781	61	80	BAYCURB026B
15	YS*180G3RHA0000	208-230/3/60	12.2	176,000	284,000	54 x 85⅝ <sub>16</sub> x 122⅝ <sub>16</sub>	2281	69	90	BAYCURB027B
17½	YS*210G3RHA0000	208-230/3/60	12.2	193,000	284,000	54 x 85⅝ <sub>16</sub> x 122⅝ <sub>16</sub>	2292	77	100	BAYCURB027B
20	YS*240G3RHA0000	208-230/3/60	11.4	240,000	324,000	54 x 85⅝ <sub>16</sub> x 122⅝ <sub>16</sub>	2353	105	125	BAYCURB027B
25	YS*300G3RHA0000	208-230/3/60	11.4	272,000	324,000	54 x 85⅝ <sub>16</sub> x 122⅝ <sub>16</sub>	2337	112	150	BAYCURB027B
12½	YS*150G4RHA0000	460/3/60	12.2	140,000	203,000	50⅛ x 71⅝ <sub>8</sub> x 107⅝ <sub>16</sub>	1781	29	40	BAYCURB026B
15	YS*180G4RHA0000	460/3/60	12.2	176,000	284,000	54 x 85⅝ <sub>16</sub> x 122⅝ <sub>16</sub>	2281	36	50	BAYCURB027B
17½	YS*210G4RHA0000	460/3/60	12.2	193,000	284,000	54 x 85⅝ <sub>16</sub> x 122⅝ <sub>16</sub>	2292	39	50	BAYCURB027B
20	YS*240G4RHA0000	460/3/60	11.4	240,000	324,000	54 x 85⅝ <sub>16</sub> x 122⅝ <sub>16</sub>	2353	51	70	BAYCURB027B
25	YS*300G4RHA0000	460/3/60	11.4	272,000	324,000	54 x 85⅝ <sub>16</sub> x 122⅝ <sub>16</sub>	2337	55	70	BAYCURB027B
12½	YS*150GWRHA0000	575/3/60	12.2	140,000	203,000	50⅛ x 71⅝ <sub>8</sub> x 107⅝ <sub>16</sub>	1781	22	30	BAYCURB026B
15	YS*180GWRHA0000	575/3/60	12.2	176,000	284,000	54 x 85⅝ <sub>16</sub> x 122⅝ <sub>16</sub>	2281	30	40	BAYCURB027B
17½	YS*210GWRHA0000	575/3/60	12.2	193,000	284,000	54 x 85⅝ <sub>16</sub> x 122⅝ <sub>16</sub>	2292	34	45	BAYCURB027B
20	YS*240GWRHA0000	575/3/60	11.4	240,000	324,000	54 x 85⅝ <sub>16</sub> x 122⅝ <sub>16</sub>	2353	43	60	BAYCURB027B
25	YS*300GWRHA0000	575/3/60	11.4	272,000	324,000	54 x 85⅝ <sub>16</sub> x 122⅝ <sub>16</sub>	2337	45	60	BAYCURB027B

Ⓛ For Downflow units only.

\* Digit 3 D=Downflow or H=Horizontal.

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

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.



BUILT TO A HIGHER STANDARD™

American Standard®

HEATING & AIR CONDITIONING

# Packaged Cooling with ReliaTel™

## Controls 12½-25 Tons

### (Model Digit Numbers)

Digit	Description	Order Number	Digit	Description	Order Number				
1	<b>Unit Type</b>		19	<b>Disconnect Switch/Circuit Breaker</b>					
	Packaged Cooling, Electric Heat.....	T		No Disconnect/circuit break.....	0				
2	<b>Efficiency</b>	Packaged Gas/Electric.....	Y	Unit Mounted Non-Fused Disconnect Switch.....	1				
		Standard Efficiency.....	S	Unit Mounted Circuit Breaker.....	2				
3	<b>Airflow Configuration</b>	High Efficiency.....	H	20	<b>Convenience Outlet Option</b>				
		Downflow.....	D			Without Convenience Outlet.....	0		
4-6	<b>Nominal Gross Cooling Capacity (MBh)</b>	Horizontal.....	H	Unpowered Convenience Outlet.....	A				
		12½ Tons.....	150	Powered Convenience Outlet.....	B				
		15 Tons.....	180	21	<b>Communications Options</b>	Without Communications Options.....	0		
		17½ Tons.....	210			Novar 2024 Controls Interface④.....	3		
		20 Tons.....	240			Novar 3051 Controls Interface④.....	4		
25 Tons.....	300	Novar 3051 Communications Interface with Demand Control Ventilation③.....	5						
7	<b>Major Design Sequence</b>	Building Automation Control Network Communications Interface.....	F	6					
		Microchannel Type Condenser Coils.....	F	22	<b>Refrigeration System Option</b>	Standard refrigeration system.....	0		
8	<b>Voltage Selection</b>	208-230/60/3.....	3			Thermal Expansion Valve (TXV).....	A		
		460/60/3.....	4	Dehumidification (Hot Gas Reheat).....	B				
		575/60/3.....	W	23	<b>Refrigeration Controls</b>	Without Refrigeration Controls.....	0		
		380/60/3.....	K			Froststat.....	1		
		9	<b>Unit Controls</b>			ReliaTel™.....	R	24	<b>Smoke Detector</b>
10	<b>Heating Capacity</b>			No Heat②.....	0	Return Air Smoke Detector.....	A		
		18 kW Electric Heat②.....	G	Supply Air Smoke Detector.....	B				
		27 kW Electric Heat②.....	K	Return/Supply Air Smoke Detector.....	C				
		36 kW Electric Heat②.....	N	Plenum Smoke Detector.....	D				
		54 kW Electric Heat②.....	P	25	<b>System Monitoring Controls</b>	No Monitoring Controls.....	0		
		72 kW Electric Heat②.....	R			Clogged Filter Switch.....	1		
		Gas Heat - High①.....	H			Fan Failure Switch.....	2		
		Gas Heat - Low①.....	L			Discharge Air Sensing.....	3		
		Gas Heat - SS Ht Ex - Modulating①.....	V			Clogged Filter Switch and Fan Failure switch.....	4		
		Gas Heat - SS Ht Ex - Low①.....	X			Clogged Filter Switch and Discharge Air Sensing.....	5		
Gas Heat - SS Ht Ex - High①.....	Z	Fan Failure Switch and Discharge Air Sensing.....	6						
11	<b>Minor Design Sequence</b>	Clogged Filter Switch, Fan Failure Switch and Discharge Air Sensing.....	7			NOVAR Return Air Sensor (Novar 2024)④.....	8		
		12-13	<b>Service Sequence</b>			NOVAR Zone Temp Sensor(Novar 3051)④.....	9		
14	<b>Fresh Air Selection</b>					Condensate Drain Pan Overflow Switch.....	A		
		No Fresh Air.....	0	Clogged Filter Switch and Condensate Drain Pan Overflow Switch.....	B				
		Econ Dry Bulb w/ Barometric Relief.....	D	Fan Failure Switch and Condensate Drain Pan Overflow Switch.....	C				
		Econ Reference Enthalpy w/Barometric Relief.....	F	Discharge Air Sensing and Condensate Drain Pan Overflow Switch.....	D				
		Econ Comparative Enthalpy w/Barometric Relief.....	H	Clogged Filter Switch, Fan Failure Switch and Condensate Drain Pan Overflow Switch.....	E				
		Low Leak Economizer, Dry Bulb with Barometric Relief.....	K	Clogged Filter Switch, Discharge Air Sensing Tube and Condensate Drain Pan Overflow Switch.....	F				
		Low Leak Economizer, Comparative Enthalpy with Barometric Relief.....	M	Fan Failure Switch, Discharge Air Sensing Tube and Condensate Drain Pan Overflow Switch.....	G				
		Low Leak Economizer, Reference Enthalpy with Barometric Relief.....	P	Clogged Filter Switch, Fan Failure Switch, Discharge Air Sensing and Condensate Drain Pan Overflow Switch.....	H				
		15	<b>Supply Fan/Drive Type/Motor</b>	Standard Motor.....	0	26	<b>System Monitoring Controls</b>	No Monitoring Controls.....	0
				Oversized Motor.....	1			Demand Control Ventilation (CO₂)③.....	A
High Efficiency Motor.....	3			Fault Detection and Diagnostics (FDD).....	B				
Single Zone Variable Air Volume Standard Motor.....	6			Fault Detection and Diagnostics (FDD) with Demand Control Ventilation.....	C				
Multi-Speed Standard Motor.....	7			27	<b>Unit Hardware Enhancements</b>	No Enhancements.....	0		
Single Zone Variable Air Volume Oversized Motor.....	8					Stainless Steel Drain Pan.....	1		
Multi-Speed Oversized Motor.....	9			28	<b>Short Circuit Current Rating (SCCR)</b>	Standard SCCR.....	0		
Single Zone Variable Air Volume Standard Motor w/Shaft Ground Ring.....	A					65 kA SCCR.....	A		
Multi-Speed Standard Motor w/Shaft Ground Ring.....	B			31	<b>Advanced Unit Controls</b>	Standard Unit Controls.....	0		
Single Zone Variable Air Volume Oversized Motor w/Shaft Ground Ring.....	C					Human Interface.....	1		
16	<b>Hinged Service Access / Filters</b>	Multi-Speed Oversized Motor w/Shaft Ground Ring.....	D	17	<b>Condenser Coil Protection</b>	Standard Coil.....	0		
		Standard Panels/Standard Filters.....	0			Standard Coil With Hail Guard.....	1		
Hinged Access/Standard Filters.....	A	CompleteCoat™ Condenser Coil.....	4						
Standard Panels/MERV 8 Filters.....	B	CompleteCoat™ Condenser Coil with Hail Guard.....	5						
Hinged Access/MERV 8 Filters.....	C	18	<b>Through The Base Provisions.</b>			No Through The Base Provisions③.....	0		
Standard Panels/MERV 13 Filters.....	D			Through The Base Electric③.....	A				
Hinged Access/MERV 13 Filters.....	E			Through The Base Gas①.....	B				
17	<b>Condenser Coil Protection</b>			Through The Base Electric/Gas①.....	C				
				Standard Coil.....	0				
Standard Coil With Hail Guard.....	1	Through The Base Access①.....	D						
CompleteCoat™ Condenser Coil.....	4								
CompleteCoat™ Condenser Coil with Hail Guard.....	5								
18	<b>Through The Base Provisions.</b>								
		No Through The Base Provisions③.....	0						
		Through The Base Electric③.....	A						
		Through The Base Gas①.....	B						
		Through The Base Electric/Gas①.....	C						
Through The Base Access①.....	D								

① Applicable to Digit 1 Y models only.  
 ② Applicable to Digit 1 T models only.  
 ③ Applicable to Digit 1, T or Y models.

④ Novar is not available with SZ VAV products.  
 ⑤ Demand Control Ventilation Option includes wiring only. The CO₂ sensor is a field-installed only option.

Light Commercial Packaged Gas/Electric

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

# Packaged Gas/Electric with ReliaTel™ Controls 12½-25 Tons Accessories

**Table LPG-15-A — Field Installed Accessories**

Model Number	Description	Used With
BAYABRD002B <sup>⑥</sup>	ReliaTel™ Options Module	All Voyagers
BAYBCIR001A	Bacnet™ Communication Interface	ReliaTel™ Controller (BCI-R)
BAYCO2K002B	CO <sub>2</sub> Sensor Wall Mounted	All Voyagers
BAYCO2K004B	CO <sub>2</sub> Sensor Duct Mounted	All Voyagers
BAYCURB026B <sup>⑤⑥</sup>	Downflow Only Roof Curb	YSD150F
BAYCURB027B <sup>⑤⑥</sup>	Downflow Only Roof Curb	YHD150-YHD300F, YSD180-YSD300F
BAYDFPS005A <sup>⑦⑧</sup>	Clogged Filter Switch (MERV 7)	All Voyagers
BAYDFPS006A <sup>⑦⑧</sup>	Fan Failure Switch	All Voyagers
BAYDFPS031A	Clogged Filter Switch (MERV 13)	All Voyagers
BAYDMPR029C	0-25% Manual Outside Air Damper	All Voyagers
BAYDMPR057A	0-50% Motorized Outside Air Damper	YSD150F
BAYDMPR058A	0-50% Motorized Outside Air Damper	YHD150-300F, YSD150-300F
BAYECON089A <sup>⑥</sup>	Downflow Economizer with Barometric Relief	YSD150F
BAYECON090A <sup>⑥</sup>	Downflow Economizer with Barometric Relief	YHD150-300F, YSD150-300F
BAYECON091A	Horizontal Economizer	YSH150F
BAYECON092A	Horizontal Economizer	YHH150-300F, YSH180-300F
BAYECON700A	Downflow Low Leak Economizer	YSD150F
BAYECON701A	Downflow Low Leak Economizer	YSD180F-300F, YHD150F, YHD180-300F
BAYENTH007A <sup>①②</sup>	Reference Enthalpy Kit	All BAYECON089A-092A
BAYENTH008A <sup>①③</sup>	Comparative Enthalpy Kit	All BAYECON089A-092A
BAYFRST003A	High Temperature Stat	All Voyagers
BAYGARD144A <sup>④</sup>	Tool-less Hail Guard	YS*150F
BAYGARD145A <sup>④</sup>	Tool-less Hail Guard	YH*150F, YS*180F-300F
BAYGARD150A <sup>④</sup>	Tool-less Hail Guard	YH*210F-300F, YH*180F
BAYHSDR005B <sup>④</sup>	High Static Drive	YS*150, 180F, YH*150F, 180F
BAYHSDR010A	High Static Drive	YH*210F, 240F, YS*300F
BAYHSDR011A	High Static Drive	YS*210F, 240F, YH*300F

- ① Kit contains all necessary parts to achieve desired level of Enthalpy Control.
  - ② Reference Enthalpy senses outside temperature/humidity.
  - ③ Comparative Enthalpy senses outside temperature/humidity and inside return/mixed air temperature/humidity.
  - ④ High static drive and oversized motors are mutually exclusive, Do Not Combine.
  - ⑤ See Accessory IOM for operational characteristics.
  - ⑥ Clarksville Manufacturing has a no-return policy for this roof curb.
  - ⑦ BAYABRD002 is required when ordering BAYDFPS005A or 006A, BAYTUBE008A or 009A and BAYLOAM023A or BAYVNOR002B.
  - ⑧ Field or factory installed option.
- \* Either horizontal or downflow models

Light Commercial Packaged Gas/Electric

**For additional Controls Information:  
See ReliaTel™ and Micro Control features on LPC-12 and LPC-13.**

# Packaged Gas/Electric with ReliaTel™ Controls 12½-25 Tons Accessories

**Table LPG-16-A — Field Installed Accessories**

Model Number	Description	Used With
BAYHSMT039B <sup>①④</sup>	5HP Oversized Motor Kit (208-230/460V)	YS*150F
BAYHSMT040B <sup>④</sup>	5HP Oversized Motor Kit (575V)	YS*150F
BAYHSMT055B <sup>①④</sup>	5HP Oversized Motor Kit (208-230/460V)	YS*180F
BAYHSMT042A <sup>②④</sup>	7-1/2HP Oversized Motor Kit (575V)	YS*210F, 240F, YH*210F, 240F
BAYHSMT072A <sup>②④</sup>	7-1/2HP Oversized Motor Kit (575V)	YS*180F, YH*180F
BAYHSMT098A <sup>②④</sup>	7-1/2HP Oversized Motor Kit (230V)	YH*210F, YH*240F
BAYHSMT099A <sup>②④</sup>	7-1/2HP Oversized Motor Kit (460V)	YH*210F, YH*240F
BAYLOAM023A <sup>③</sup>	Evaporator Defrost Control	YS*150F, YH*150F, YS*180F, YS*210F, 240F, 300F
BAYLOAM031A	Evaporator Defrost Control	YH*210F, 240F, 300F, 180F
BAYLPKT018A	LP Conversion Kit	YC*150F-YC*301F
BAYLSDR004A <sup>②</sup>	Low Static Drive	YS*150F, 180F, 210F, YH*210F, YS*240F, YH*241F
BAYLSDR002A <sup>②</sup>	Low Static Drive	YH*150F, 180F, YS*300F
BAYPWRX029A	Power Exhaust for all Voyagers 12½-25 Ton 230V units	Downflow Only
BAYPWRX030A	Power Exhaust for all Voyagers 12½-25 Ton 460V units	Downflow Only
BAYPWRX031A	Power Exhaust for all Voyagers 12½-25 Ton 575V units	Downflow Only
BAYSERV001A	Selective Resistance Service Tester	YC*150F-YC*301F
BAYSTAT023	Remote Potentiometer	YC*150F-YC*301F
BAYTUBE008A <sup>③④</sup>	Discharge Air Sensing Kit	YCD150F-YCD301F
BAYTUBE009A <sup>③④</sup>	Discharge Air Sensing Kit	YCH150F-YCH301F
BAYQACB044A	Adapter Curb	BAYCURB026A/B to BAYCURB027A/B
BAYVNOR002B <sup>③</sup>	Ventilation Override Kit	YC*150F-YC*301F

① High static drive and oversized motors are mutually exclusive, Do Not Combine.  
 ② Low static drive and oversized motors are mutually exclusive, Do Not Combine.  
 ③ BAYABRD002 is required when ordering BAYDFPS005A or 006A, BAYTUBE008A or 009A and BAYLOAM023A, BAYLOAM031A or BAYVNOR002B.  
 ④ Field or factory installed option.  
 \* Either horizontal or downflow models

Light Commercial  
Packaged Gas/Electric

# Packaged Gas/Electric with ReliaTel™ Controls 12½-25 Tons, R-22, R-410A Zone Sensors / Thermostats

**Table LPG-16-B — Zone Sensors — ReliaTel™**

Model Number	Description	Used With
ASYSTAT106A	Single Setpoint Manual Changeover	YC*150-301
ASYSTAT108A	Dual Setpoint Manual or Automatic Changeover	YC*150-301
ASYSTAT111A	Remote Room Sensor	ASYSTAT777A
ASYSTAT777A	Programmable Night Setback	YC*150-301
ASYSTAT710A	Wall Mounted Humidity Sensor	YHD150, 180, 240F (with Reheat)
ASYSTAT711A	Duct Mounted Humidity Sensor	YHD150, 180, 240F (with Reheat)
BAYMTPL110A	Retrofit Wall Cover Plate Kit 7.25" x 6.0"	ASYSTAT777A
BAYSENS924A	Title 24 Zone Sensor <sup>①</sup>	All

① Must be used with ReliaTel™ Control and BCI Communications Interface.

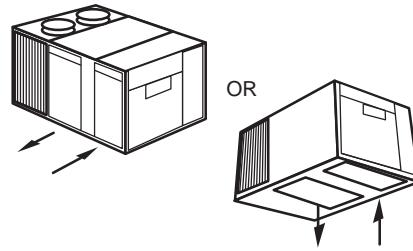
**For additional Controls Information:  
See ReliaTel™ and Micro Control features on LPC-12 and LPC-13.**

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

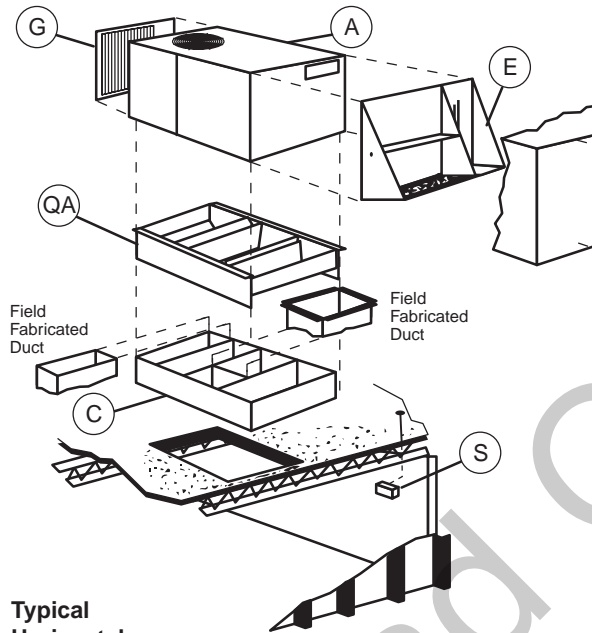
# Packaged Unit Accessories 12 1/2-25 Tons

12 1/2 – 25 Ton Packaged Gas/Electric,  
 Electric/Electric and Heat Pump

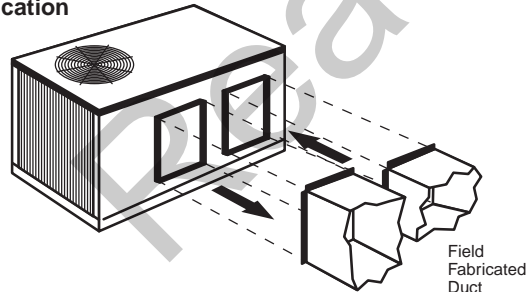
### Dedicated Airflow Design



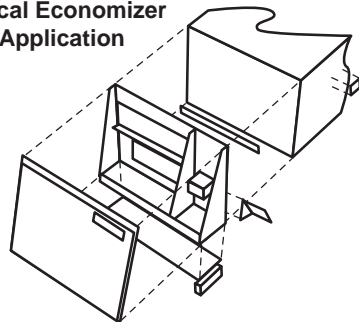
### Typical Downflow Application



### Typical Horizontal Application



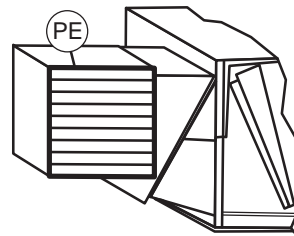
### Typical Economizer Application



### Factory Supplied Accessories

- (A) Unit  
Y\*D/H, T\*D/H, WSD/H
- (G) Coil Guard (BAYGARD)
- (E) Economizer (Downflow and Horizontal) (BAYECON)
- (D) Fresh Air Damper (BAYDMPR)  
Manual (0-25%) Motorized (0-50%)
- (S) Sensor/Thermostat
- (C) Curb (BAYCURB)
- (QA) Quick Adapt Curb...Field Supplied (BAYCURB)
- (PE) Power Exhaust (BAYPWRX)

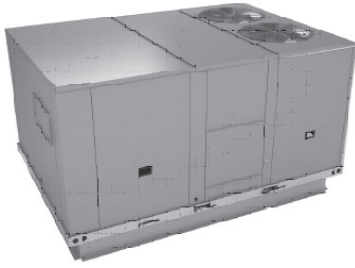
### Power Exhaust Accessory



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**American Standard**  
HEATING & AIR CONDITIONING

# Foundation™ Packaged Gas/Electric 3-5 Tons, R-410A



- Scroll compressors on all units
- Operating Charge of R-410A
- Low ambient operation of 40 F as standard
- Color coded and numbered wiring
- Single side service access
- Provisions for through the base connections
- Phase monitor on all units
- Convertible airflow on all units
- Non-corrosive drain pan
- Separate high and low voltage areas in control box
- **5-year limited compressor and heat exchanger warranty**

**Table LPG-18-A — Foundation™ - R-410A - Electromechanical Controls**

Tons	Unit Model No	Power Supply Volts/Phase/Hz	Performance SEER	Cooling Capacity (Btuh)	Heating Output Capacity (Btuh)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	Max Fuse Size or Max		Downflow Roofcurb <sup>①</sup>
								MCA**	Circuit Breaker**	
<b>GBC - Three Phase Low Heat</b>										
3	GBC036A3ELA0000	208-230/3/60	14.0	36,000	57,600	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	574	19.5	25	BAYCURB320A
4	GBC048A3ELA0000	208-230/3/60	14.0	48,000	57,600	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	616	23.6	35	BAYCURB320A
5	GBC060A3ELA0000	208-230/3/60	14.0	57,500	57,600	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	636	26.4	40	BAYCURB320A
<b>GBC - Three Phase Medium Heat</b>										
3	GBC036A4ELA0000	460/3/60	14.0	36,000	57,600	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	574	10.5	15	BAYCURB320A
4	GBC048A4ELA0000	460/3/60	14.0	48,000	57,600	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	616	11	15	BAYCURB320A
5	GBC060A4ELA0000	460/3/60	14.0	57,500	57,600	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	636	12.9	20	BAYCURB320A
3	GBC036AWELA0000	575/3/60	14.0	36,000	57,600	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	574	6.8	15	BAYCURB320A
4	GBC048AWELA0000	575/3/60	14.0	48,000	57,600	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	616	8.1	15	BAYCURB320A
5	GBC060AWELA0000	575/3/60	14.0	57,500	57,600	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	636	9.2	15	BAYCURB320A
<b>GBC - Three Phase Medium Heat</b>										
3	GBC036A3EMA0000	208-230/3/60	14.0	36,000	80,000	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	574	19.5	25	BAYCURB320A
4	GBC048A3EMA0000	208-230/3/60	14.0	48,000	92,000	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	616	23.6	35	BAYCURB320A
5	GBC060A3EMA0000	208-230/3/60	14.0	57,500	92,000	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	636	26.4	40	BAYCURB320A
3	GBC036A4EMA0000	460/3/60	14.0	36,000	80,000	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	574	10.5	15	BAYCURB320A
4	GBC048A4EMA0000	460/3/60	14.0	48,000	92,000	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	616	11	15	BAYCURB320A
5	GBC060A4EMA0000	460/3/60	14.0	57,500	92,000	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	636	12.9	20	BAYCURB320A
3	GBC036AWEMA0000	575/3/60	14.0	36,000	80,000	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	574	6.8	15	BAYCURB320A
4	GBC048AWEMA0000	575/3/60	14.0	48,000	92,000	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	616	8.1	15	BAYCURB320A
5	GBC060AWEMA0000	575/3/60	14.0	57,500	92,000	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	636	9.2	15	BAYCURB320A

<sup>①</sup> For Downflow units only.

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

Light Commercial  
Packaged Gas/Electric



# Foundation™ Packaged Gas/Electric 3-5 Ton Accessories

**Table LPG-19-A — Foundation™ - Field Installed Accessories**

Model Number	Description	Used With
BAYCURB320A	Roof curb	All
BAYGARD320A	Tool-less Hail Guard	All
BAYHAKT320A	High Altitude Kit	All
BAYLPKT320A	LP Kit	GBC Only
BAYTBGF320A	Through the base - Gas	GBC Only
BAYTBUE320A	Through the base - Elec.	All
BAYDSCF320A	Unit Mounted Disconnect- cooling only, 100 Amp	GBC, EBC No Elec Heat
BAYCO2K300A	Wall Mounted CO2 Sensor	All
BAYCO2K301A	Duct Mounted CO2 Sensor	All
BAYCOSW320A	Condensate Overflow	All
BAYCCHT010B	CCH – 208-230V (40 W) 6.5"	E/GBC(048 & 060)A3
BAYCCHT011B	CCH - 460V/572V (40W) 6.5"	E/GBC(048 & 060A)(4 & W)
BAYCCHT103A	CCH – 208-230V (40 W) 5.5"	E/GBC036A3
BAYCCHT405A	CCH - 460V/572V (40W) 5.5"	E/GBC036A(4 & W)
BAYLOAM330A	Frostat	All
BAYLOAM340A	Low Ambient Kit	All
BAYASCT001	Compressor Short Cycle Timer	All
BAYHSMT320A	2 HP Oversize motor Kit (208-230/460V)	All
BAYHSMT321A	2 HP Oversize motor Kit (380V)	All
BAYHSMT322A	2 HP Oversize motor Kit (575V)	All
BAYDMPR321A	Damper, Manual 3-5T	All
BAYDMPR320A	Damper, Motorized 3-5T	All
BAYBARO320A	Barometric Relief Damper, 3-5T	All
BAYECON320A	Economizer, Dry Bulb, Downflow 3-5T	All
BAYENTH320A	Reference Enthalpy Economizer, 3-5T	All
BAYENTH321A	Comparative Enthalpy Economizer, 3-5T	All
BAYECON353A <sup>①</sup>	Low Leak Economizer, Dry Bulb, Downflow W/FDD, 3-5T	All
BAYECON354A <sup>①</sup>	Low Leak Economizer, Dry Bulb, Horizontal W/FDD, 3-5T	All
BAYENTH323A <sup>①</sup>	Comparative Enthalpy, LLE W/FDD, 3-5T	All
BAYENTH322A <sup>①</sup>	Reference Enthalpy, LLE W/FDD, 3-5T	All
BAYBARO321A <sup>①</sup>	Barometric Relief Damper, LLE W/FDD, 3-5T	All
BAYPWRX320A <sup>②</sup>	Power Exhasust, 3-5T DF, 230V	All
BAYPWRX321A <sup>②</sup>	Power Exhaust, 3-5T DF, 460V	All
BAYPWRX322A <sup>②</sup>	Power Exhasut, 3-5T DF, 575V	All

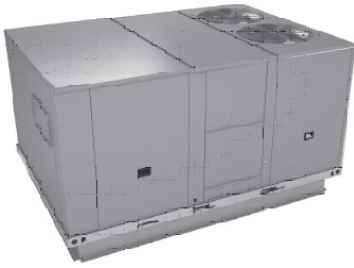
<sup>①</sup> FDD = Fault Detection & Diagnosis

<sup>②</sup> Please check availability

BUILT TO A HIGHER STANDARD™

**American Standard**  
HEATING & AIR CONDITIONING

# Foundation™ Packaged Gas/Electric 15-25 Tons, R-410A



- Scroll compressors on all units
- Operating charge of R-410A
- Low ambient operation to 40°F as standard
- Color coded and numbered wiring
- Single side service access
- Molded handles on service access doors
- Liquid Line Refrigerant Drier
- Provisions for through the base connections
- Phase monitor on all units
- Convertible airflow with field installed kit on most models
- Two inch throwaway filters as standard
- Non-corrosive & removable drain pan
- Separated high and low voltage compartments
- **5-year limited compressor and heat exchanger warranty (15-25 tons)**

**Table LPG-20-A — Foundation™ — R-410A — Electromechanical Controls**

Tons	Unit Model No.	Power Supply Volts/Phase/Hz	Performance IEER	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 <sup>②</sup>	Downflow Roofcurb
<b>GAC - Three Phase Low Heat</b>										
15	GAC180A3ELA0000	208-230/3/60	11.0	183,000	192,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,183	79	100	BAYCURB027B
17 <sup>1</sup> / <sub>2</sub>	GAC210A3ELA0000	208-230/3/60	11.0	212,000	192,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,238	91	110	BAYCURB027B
20	GAC240A3ELA0000	208-230/3/60	10.0	252,000	192,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,327	117	150	BAYCURB027B
25	GAC300A3ELA0000	208-230/3/60	10.0	290,000	192,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,327	124	150	BAYCURB027B
15	GAC180A4ELA0000	460/3/60	11.0	183,000	192,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,183	37	45	BAYCURB027B
17 <sup>1</sup> / <sub>2</sub>	GAC210A4ELA0000	460/3/60	11.0	212,000	192,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,238	42	50	BAYCURB027B
20	GAC240A4ELA0000	460/3/60	10.0	252,000	192,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,327	53	70	BAYCURB027B
25	GAC300A4ELA0000	460/3/60	10.0	290,000	192,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,327	56	70	BAYCURB027B
15	GAC180AWELA0000	575/3/60	11.0	183,000	192,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,183	31	40	BAYCURB027B
17 <sup>1</sup> / <sub>2</sub>	GAC210AWELA0000	575/3/60	11.0	212,000	192,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,238	34	40	BAYCURB027B
20	GAC240AWELA0000	575/3/60	10.0	252,000	192,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,327	42	50	BAYCURB027B
25	GAC300AWELA0000	575/3/60	10.0	290,000	192,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,327	47	60	BAYCURB027B
<b>GAC - Three Phase Medium Heat</b>										
15	GAC180A3EMA0000	208-230/3/60	11.0	183,000	256,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,183	79	100	BAYCURB027B
17 <sup>1</sup> / <sub>2</sub>	GAC210A3EMA0000	208-230/3/60	11.0	212,000	256,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,238	91	110	BAYCURB027B
20	GAC240A3EMA0000	208-230/3/60	10.0	252,000	256,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,327	117	150	BAYCURB027B
25	GAC300A3EMA0000	208-230/3/60	10.0	290,000	256,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,327	124	150	BAYCURB027B
15	GAC180A4EMA0000	460/3/60	11.0	183,000	256,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,183	37	45	BAYCURB027B
17 <sup>1</sup> / <sub>2</sub>	GAC210A4EMA0000	460/3/60	11.0	212,000	256,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,238	42	50	BAYCURB027B
20	GAC240A4EMA0000	460/3/60	10.0	252,000	256,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,327	53	70	BAYCURB027B
25	GAC300A4EMA0000	460/3/60	10.0	290,000	256,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,327	56	70	BAYCURB027B
15	GAC180AWEMA0000	575/3/60	11.0	183,000	256,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,183	31	40	BAYCURB027B
17 <sup>1</sup> / <sub>2</sub>	GAC210AWEMA0000	575/3/60	11.0	212,000	256,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,238	34	40	BAYCURB027B
20	GAC240AWEMA0000	575/3/60	10.0	252,000	256,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,327	42	50	BAYCURB027B
25	GAC300AWEMA0000	575/3/60	10.0	290,000	256,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,327	47	60	BAYCURB027B
<b>GAD - Three Phase High Heat<sup>①</sup></b>										
15	GAD180A3EHA0000	208-230/3/60	11.0	183,000	280,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,183	79	100	BAYCURB027B
17 <sup>1</sup> / <sub>2</sub>	GAD210A3EHA0000	208-230/3/60	11.0	212,000	320,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,238	91	110	BAYCURB027B
20	GAD240A3EHA0000	208-230/3/60	10.0	252,000	320,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,327	117	150	BAYCURB027B
25	GAD300A3EHA0000	208-230/3/60	10.0	290,000	320,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,327	124	150	BAYCURB027B
15	GAD180A4EHA0000	460/3/60	11.0	183,000	280,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,183	37	45	BAYCURB027B
17 <sup>1</sup> / <sub>2</sub>	GAD210A4EHA0000	460/3/60	11.0	212,000	320,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,238	42	50	BAYCURB027B
20	GAD240A4EHA0000	460/3/60	10.0	252,000	320,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,327	53	70	BAYCURB027B
25	GAD300A4EHA0000	460/3/60	10.0	290,000	320,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,327	56	70	BAYCURB027B
15	GAD180AWEHA0000	575/3/60	11.0	183,000	280,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,183	31	40	BAYCURB027B
17 <sup>1</sup> / <sub>2</sub>	GAD210AWEHA0000	575/3/60	11.0	212,000	320,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,238	34	40	BAYCURB027B
20	GAD240AWEHA0000	575/3/60	10.0	252,000	320,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,327	42	50	BAYCURB027B
25	GAD300AWEHA0000	575/3/60	10.0	290,000	320,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2,327	47	60	BAYCURB027B

① Downflow Airflow Configuration Only - High Heat Models.

② HACR Circuit Breaker Type Per NEC.

Information subject to change. Please confirm with current Product Data for current factory production.

For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.



# Foundation™ Packaged Gas/Electric 15-25 Tons, R-410A, 2-Speed Indoor Fans

**Table LPG-21-A — Foundation™ - R-410A - Electromechanical Controls - 2-Speed Indoor Fans**

Tons	Unit Model No	Power Supply Volts/Phase/Hz	Performance IEER	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 <sup>①</sup>
<b>GAC - Three Phase Low Heat</b>										
15	GAC180A3ELA1DQY	208-230/3/60	12.8	183,000	192,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2183	79	100	BAYCURB027B
17½	GAC210A3ELA1DQY	208-230/3/60	12.8	212,000	192,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2238	91	110	BAYCURB027B
20	GAC240A3ELA1DQY	208-230/3/60	11.9	252,000	192,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2327	117	150	BAYCURB027B
25	GAC300A3ELA1DQY	208-230/3/60	11.7	290,000	192,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2327	124	150	BAYCURB027B
15	GAC180A4ELA1DQY	460/3/60	12.8	183,000	192,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2183	37	45	BAYCURB027B
17½	GAC210A4ELA1DQY	460/3/60	12.8	212,000	192,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2238	42	50	BAYCURB027B
20	GAC240A4ELA1DQY	460/3/60	11.9	252,000	192,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2327	53	70	BAYCURB027B
25	GAC300A4ELA1DQY	460/3/60	11.7	290,000	192,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2327	56	70	BAYCURB027B
15	GAC180AWELA1DQY	575/3/60	12.8	183,000	192,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2183	31	40	BAYCURB027B
17½	GAC210AWELA1DQY	575/3/60	12.8	212,000	192,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2238	34	40	BAYCURB027B
20	GAC240AWELA1DQY	575/3/60	11.9	252,000	192,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2327	42	50	BAYCURB027B
25	GAC300AWELA1DQY	575/3/60	11.7	290,000	192,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2327	47	60	BAYCURB027B
<b>GAC - Three Phase Medium Heat</b>										
15	GAC180A3EMA1DQY	208-230/3/60	12.8	183,000	256,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2183	79	100	BAYCURB027B
17½	GAC210A3EMA1DQY	208-230/3/60	12.8	212,000	256,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2238	91	110	BAYCURB027B
20	GAC240A3EMA1DQY	208-230/3/60	11.9	252,000	256,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2327	117	150	BAYCURB027B
25	GAC300A3EMA1DQY	208-230/3/60	11.7	290,000	256,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2327	124	150	BAYCURB027B
15	GAC180A4EMA1DQY	460/3/60	12.8	183,000	256,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2183	37	45	BAYCURB027B
17½	GAC210A4EMA1DQY	460/3/60	12.8	212,000	256,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2238	42	50	BAYCURB027B
20	GAC240A4EMA1DQY	460/3/60	11.9	252,000	256,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2327	53	70	BAYCURB027B
25	GAC300A4EMA1DQY	460/3/60	11.7	290,000	256,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2327	56	70	BAYCURB027B
15	GAC180AWEMA1DQY	575/3/60	12.8	183,000	256,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2183	31	40	BAYCURB027B
17½	GAC210AWEMA1DQY	575/3/60	12.8	212,000	256,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2238	34	40	BAYCURB027B
20	GAC240AWEMA1DQY	575/3/60	11.9	252,000	256,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2327	42	50	BAYCURB027B
25	GAC300AWEMA1DQY	575/3/60	11.7	290,000	256,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2327	47	60	BAYCURB027B
<b>GAD - Three Phase High Heat<sup>①</sup></b>										
15	GAD180A3EHA1DQY	208-230/3/60	12.8	183,000	280,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2183	79	100	BAYCURB027B
17½	GAD210A3EHA1DQY	208-230/3/60	12.8	212,000	320,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2238	91	110	BAYCURB027B
20	GAD240A3EHA1DQY	208-230/3/60	11.9	252,000	320,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2327	117	150	BAYCURB027B
25	GAD300A3EHA1DQY	208-230/3/60	11.7	290,000	320,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2327	124	150	BAYCURB027B
15	GAD180A4EHA1DQY	460/3/60	12.8	183,000	280,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2183	37	45	BAYCURB027B
17½	GAD210A4EHA1DQY	460/3/60	12.8	212,000	320,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2238	42	50	BAYCURB027B
20	GAD240A4EHA1DQY	460/3/60	11.9	252,000	320,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2327	53	70	BAYCURB027B
25	GAD300A4EHA1DQY	460/3/60	11.7	290,000	320,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2327	56	70	BAYCURB027B
15	GAD180AWEHA1DQY	575/3/60	12.8	183,000	280,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2183	31	40	BAYCURB027B
17½	GAD210AWEHA1DQY	575/3/60	12.8	212,000	320,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2238	34	40	BAYCURB027B
20	GAD240AWEHA1DQY	575/3/60	11.9	252,000	320,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2327	42	50	BAYCURB027B
25	GAD300AWEHA1DQY	575/3/60	11.7	290,000	320,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2327	47	60	BAYCURB027B

① For Downflow units only.

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

# Foundation™ Packaged Gas/Electric 15-25 Tons Accessories

**Table LPG-22-A — Foundation™ — R-410A— Field Installed Accessories**

Model Number	Description	Used With
BAYTBUE300A	Through the Base Electrical Connections	All Foundation 15-25 Ton Units
BAYDSCF300A	Unit Mounted Disconnect, 100 Amp	GA*180A4* - GA*300A4*, GA*180AW* - GA*300AW*
BAYDSCF301A	Unit Mounted Disconnect, 150 Amp	GA*180A3* - GA*300A3*
BAYTBGF300A	Through the Base Gas Connection, 400 MBH	GA*180A* - GA*300A*
BAYLPKT300A	Propane Conversion Kit	GA*180A* - GA*300A*
BAYHAKT300A	High Altitude Conversion Kit	GA*180A* - GA*300A*
BAYDMPR301A	Damper, Manual	GA*180A* - GA*300A*
BAYDMPR300A	Damper, Motorized	GA*180A* - GA*300A*
BAYECON300A	Economizer, Dry Bulb, Downflow	GA*180A* - GA*300A*
BAYECON301A	Economizer, Dry Bulb, Horizontal	GA*180A* - GA*300A*
BAYECON350A <sup>①</sup>	Low Leak Economizer w/FDD, Dry Bulb, Downflow	GA*180A* - GA*300A*
BAYECON351A	Low Leak Economizer w/FDD, Dry Bulb, Horizontal	GA*180A* - GA*300A*
BAYHZCN300A	Horizontal Economizer Conversion Kit	GA*180A* - GA*300A*
BAYBARO300A	Barometric Relief Damper, 15-25T	GA*180A* - GA*300A*
BAYENTH300A	Reference Enthalpy Economizer Kit	GA*180A* - GA*300A*
BAYENTH301A	Comparative Enthalpy Economizer Kit	GA*180A* - GA*300A*
BAYENTH302A <sup>②</sup>	Reference Enthalpy Economizer Kit	GA*180A* - GA*300A* w/Low Leak Economizer & FDD
BAYENTH303A <sup>③</sup>	Comparative Enthalpy Economizer Kit	GA*180A* - GA*300A* w/Low Leak Economizer & FDD
BAYCURB027B	Roof Curb	GA*180A* - GA*300A*
BAYHZRT001A	Horizontal Duct Conversion Kit	GA*180A* - GA*300A*
BAYCARR001A	Carrier Replacement Conversion Kit	GA*180A* - GA*300A*
BAYGARD300A	Condenser Hail Guard	GA*180A* - GA*300A*
BAYCCHT300A	Crankcase Heater, 70W, 230V	GA*180A3 - GA*300A3
BAYCCHT301A	Crankcase Heater, 70W, 460V	GA*180A4 - GA*300A4
BAYCCHT302A	Crankcase Heater, 70W, 575V	GA*180AW - GA*300AW
BAYASCT001	Compressor Short Cycle Timer	GA*180A* - GA*300A*
BAYLOAM300A	Low Ambient Control	GA*180A* - GA*300A*
BAYLOAM310A	Evaporator Defrost Control	GA*180A* - GA*300A*
BAYPWRX300A <sup>①</sup>	Power Exhaust, 15-25T, DF, 230V	GA*180A3 - GA*300A3
BAYPWRX301A <sup>①</sup>	Power Exhaust, 15-25T, DF, 460V	GA*180A4 - GA*300A4
BAYPWRX302A <sup>①</sup>	Power Exhaust, 15-25T, DF, 575V	GA*180AW - GA*300AW
BAYHSMT300A	High Static Motor & Drv, 5HP 230/460V	GA*180A3, GA*180A4
BAYHSMT301A	High Static Motor & Drv, 5HP 575V	GA*180AW
BAYHSMT302A	High Static Motor & Drv, 7.5HP 230/460V	GA*210A3, GA*240A3
BAYHSMT303A	High Static Motor & Drv, 7.5HP 460V	GA*210A4, GA*240A4
BAYHSMT304A	High Static Motor & Drv, 7.5HP 575V	GA*210AW, GA*240AW
BAYSHGR003A <sup>②</sup>	Shaft Grounding Ring, 0.875" Shaft	5HP VFD Motors
BAYSHGR002A <sup>②</sup>	Shaft Grounding Ring, 1.125" Shaft	7.5HP VFD Motors
BAYLSDR300A	Low Static Drive Option	GA*180A* - GA*300A*
BAYHSDR300A	High Static Drive Option	GA*180A* - GA*300A*
BAYCO2K300A	Wall Mounted CO2 Sensor	GA*180A* - GA*300A* with economizer
BAYCO2K301A	Duct Mounted CO2 Sensor	GA*180A* - GA*300A* with economizer
BAYCOSW300A	Drain Pan Overflow Switch	GA*180A* - GA*300A*
BAYSTAT300A	BACNet Enabled Thermostat	GA*180A* - GA*300A*
BAYPALT001A	Reuseable Pallet for Condenser End Unit Lifting	All Foundation 15-25 Ton Units

① Please check availability.

② See HVAC Knowledge Center for a list of compatible Carrier units.

③ FDD = Fault Detection & Diagnostics.

Information subject to change. Please confirm with current Product Data for current factory production.

Light Commercial Packaged Gas/Electric

# 3-25 Ton Packaged Units Roof Curb Compatibility Information

**Table LAC/IN-1-A — 3-10 Ton Convertible Packaged Units Roof Curb Compatibility**

BAYCURB042			BAYCURB043			BAYCURB044		
T/YSC	T/YHC	WSC	T/YSC	T/YHC	WSC	T/YSC	T/YHC	WSC
036A	033A	036A	072A	072A	072A		092E	120E
048A	036A	048A	090A	092A	090A		102E	
060A	043A	060A	092A	102A	120A		120E	
036E	048A	036E	102A	120A	060E			
048E	060A	048E	120A	048E	072E			
060E	063A		072E	060E	090E			
	036E		090E	072E				
			092E	092E*				
			102E	102E*				
			120E	120E*				

\* = This curb is used for retrofit or replacement applications only for these units.

**Table LAC/IN-1-B — 12½-25 Ton Packaged Units Roof Curb Compatibility Reference for Packaged Units Manufactured Prior to 2002**

BAYCURB021A/B			BAYCURB022A/B			BAYCURB025A/B			BAYCURB026A/B			BAYCURB027A/B		
YCD	TCD	WCD	YCD	TCD	WCD	YCD	TCD	WCD	YCD	TCD	WCD	YCD	TCD	WCD
036A	036C	036C	061C	061C	075A	102A	102A	120A	121C	121C	150A	181B	181B	240A
036C	037C	048C	074C	074C	075C	102B	102B	120B	150A	150A	150B	181C	181C	240B
037C	048C	060C	075A	075A	090A	103B	103B		150B	150B	180A	210A	210A	150E
048A	049C		075B	075B	090C	103C	103C		150D	150D	180B	210B	210B	180E
048C	060C		075C	075C		120A	120A		151B	151B		211B	211B	240E
049C			086C	086C		120B	120B		151C	151C		211C	211C	
060A			090A	090A		121B	121B		180A	180A		240A	240A	
060C			090B	090B		150C	150C		180B	180B		240B	240B	
			090C	090C					210C	210C		241B	241B	
			090D	090D					150E	150E		241C	241C	
			091D	091C								300B	300B	
			102C	091D								301C	301C	
			120C	102C								180E	180E	
				120C								210E	210E	
												211E	211E	
												240E	240E	
												241E	241E	
												300E	300E	
												151E	151E	
												181E	181E	
												301E	301E	

**General Notes:**

- ① If ordering Thru-The-Base options, the curb must be an April 1994 to present model curb to allow Thru-The-Base connections. The older curb models do not allow for these connections. The units will still fit the curb, but the Thru-The-Base connections will not be available.
- ② TCD036A, TCD048A, TCD060A, WCD036A, WCD048A, WCD060A are not 12½-25 Ton units. These units were manufactured in Ft. Smith, AR and will not fit any 12½-25 Ton curbs.
- ③ All horizontal 3-7½ ton, all horizontal 102C, and all horizontal 120C units will fit the downflow curbs, but BAYINSL101A kit must be installed across the bottom of the evaporator section of the unit to prevent condensate leakage into the space.
- ④ If another manufacturer's curb was used initially, the adapter curb may not fit.

**Table LAC/IN-1-C — Convertible 3-10 Ton Curb Adapters**

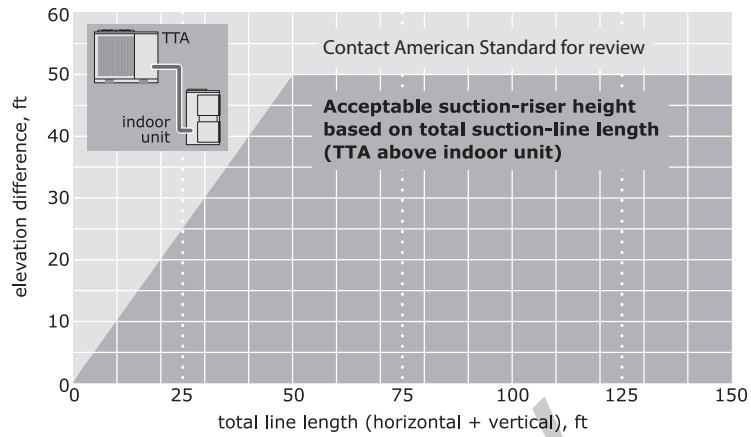
Model Number	Description
BAYQACB009A	Quick Adapt Roof Curb Converts BAYCURB021 to Convertible 3 - 5 Ton
BAYQACB010A	Quick Adapt Roof Curb Converts BAYCURB022 to Convertible 3 - 5 Ton
BAYQACB011A	Quick Adapt Roof Curb Converts BAYCURB022 to Convertible 6 - 10 Ton
BAYQACB012A	Quick Adapt Roof Curb Converts BAYCURB025 to Convertible 6 - 10 Ton
BAYQACB013A	Quick Adapt Roof Curb Converts BAYCURB026 to Convertible 6 - 10 Ton
BAYQACB044A	Quick Adapt Roof Curb Converts BAYCURB026 to BAYCURB027
BAYQACB500A	Quick Adapt Roof Curb Converts CRRFCURB001A01 to BAYCURB042A
BAYQACB501A	Quick Adapt Roof Curb Converts CRRFCURB001A01 to BAYCURB043A
BAYQACB502A	Quick Adapt Roof Curb Converts CRRFCURB001A03 to BAYCURB043A

**Note:** If another manufacturer's curb was used initially, the adapter curb may not fit

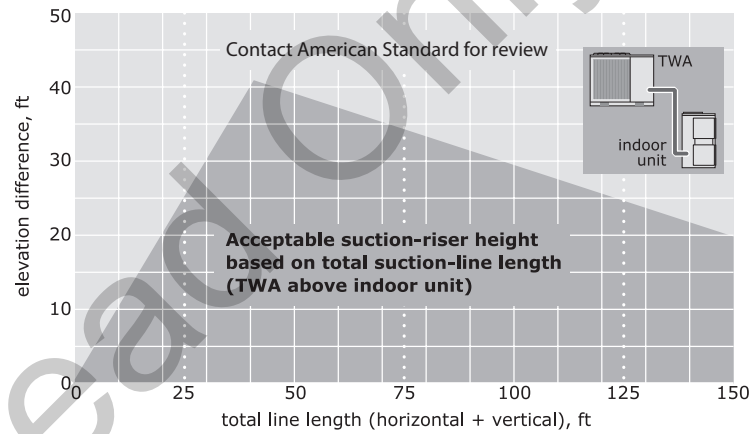
For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

# 6-20 Tons Split System

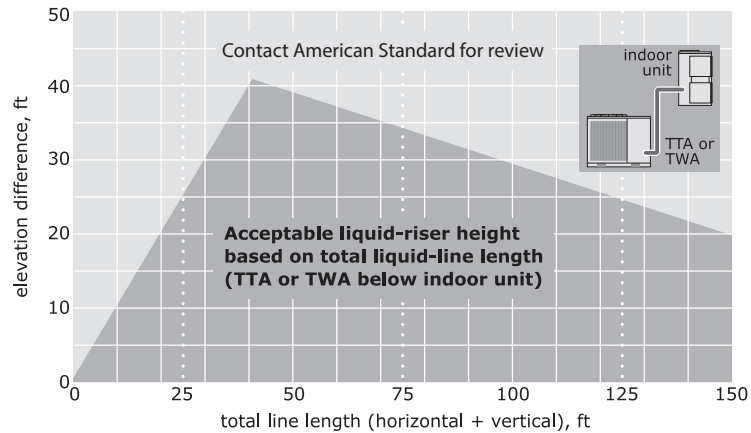
**Table LAC/IN-2-A — Allowable Elevation Difference: Cooling-only TTA above indoor unit**



**Table LAC/IN-2-B — Allowable Elevation Difference: TWA heat pump above indoor unit**



**Table LAC/IN-2-C — Allowable Elevation Difference: TTA or TWA above indoor unit**



Read Only