BUILT TO A HIGHER STANDARD®

American Standard®

HEATING & AIR CONDITIONING

# QUICK REFERENCE GUIDE JANUARY 2021

DENVER Winair COMPANY

Wholesale Heating, Air Conditioning & Supplies

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# Contents - Residential


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# Contents - Light Commercial


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# Model Nomenclature Residential

## Outdoor Units

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

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

**Brand**
A = American Standard

**System Type**
6 = HP
7 = AC

**Product Family**
A = Silver/Gold AC
B = XB
C = Light Commercial
H = Silver/Gold HP
L = Side Discharge
V = Platinum VSD
Z = 2 Recip 20 SEER

**Nominal Rated SEER**
0 = 20 SEER
3 = 13 SEER
4 = 14 SEER
5 = 15 SEER
6 = 16 SEER
7 = 17 SEER
8 = 18 SEER

**Field Connection**
0 = Brazed

**Nominal Tonnage**
12 = 1.0
18 = 1.5
19 = 1.5
24 = 2.0
25 = 2.0
30 = 2.5
31 = 2.5
36 = 3.0
37 = 3.0
42 = 3.5
43 = 3.5
48 = 4.0
49 = 4.0
60 = 5.0
61 = 5.0

**Major Design Change**
A thru Z Note: No F, I, O

**Power Supply** Voltage/Phz/Hz
1 = 200-208-230/1/60
3 = 200-230/3/60
4 = 460/3/60

**Other Functions**
000 =Typical-no meaning
COT = Coated PlateFin

**Minor Design Change**
A thru Z Note: No F, I, O

**Service Digit - Not Orderable**
A thru Z Note: No F, I, O

## 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 — Bleed/Non Bleed Kits |
| HTRA | = Electric Heater (Digit 7 Is Used To Differentiate The Products Accessory Is Used With) | 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**

## 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)

**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**

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# Model Nomenclature Residential

## Air Handler - Residential

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T | E | M | 4 | 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**

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# 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
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**

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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## 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**

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 AccuClean™ Whole Home Air Cleaner

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | F | D | 1 | 4 | 5 | A | L | F | R | 0 | 0 | 0 | A | A |

**Brand**

**Filtration**

**ifD**

**Size**

| Furnace Upflow | Furnace Downflow | Air Handler |
|---|---|---|
| 145 = 14.5" | 14D = 14.5" | 215 = 21.5" |
| 175 = 17.5" | 17D = 17.5" | 235 = 23.5" |
| 210 = 21.0" | 21D = 21.0" | 260 = 26.0" |
| 245 = 24.5" | 24D = 24.5" | |

**Major Design Series**

**Power Supply**
L = Low Voltage

**Application**
AH000 = Air Handler
FR000 = Furnace

**Minor Design**

**Service Sequence Not Orderable**

## Perfect Fit™ Air Cleaner

| 1 | 2 | 3 | 456 | 7 | 8 | 910 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|
| T | F | M | 175 | B | 0 | FR | 1 | 1 |

**Filter**

**Filter Type**
M = Media, 5 Inch, 1 Inch

**Product Dimension**
145 = 14.5 Inch Furnace Width 215 = 21.5 Inch Air Handler Width
175 = 17.5 Inch Furnace Width 235 = 23.5 Inch Air Handler Width
210 = 21.0 Inch Furnace Width 260 = 26.0 Inch Air Handler Width
245 = 24.5 Inch Furnace Width

**Product Development Sequence**
B = 5" Expandable Media

**Voltage**
1 = 240V 9 = 140V

**Product Description**
AH = Air Handler
FR = Furnace

**Minor Design Change**

**Service Digit - Not Orderable**

## TXV Kits

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

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

**Accessory**

**Accessory Type**
TXV Kit

**Compatibility**
Cooling & Heat Pump Compatible

**Flow Control**
3 = TXV - Non Bleed

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

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

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

**Minor Design Change**

**Service Digit - Not Orderable**

## Perfect Fit™ Filter Accessories

| 1 | 23 | 45 | 67 | 89 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|
| B | AY | FT | FR | EX | M | 2 | A |

**Business Unit**

**Accessory**

**Filter**

**Product Type**
AH = Air Handler
FR = Furnace

**Size**
EX = Expandable

**Type**
M = Media, 5 Inch

**Quantity**
1 = 1 2 = 2 4 = 4 D = Dozen

**Minor Design Change**

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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## Humidifiers

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

**Brand**
E = Dual Brand
A = American Standard

**Accessory Type**
HUMD = Humidifier

**Model Series**
200, 300, 500, 800

**Major Design Change**

**Humidifier Type**
B = Bypass, Flow Through
P = Fan Powered, Flow Through
S = Steam, Canister

**Control**
M = Manual
A = Automatic

**Secondary Function**

**Minor Design Change**

**Service Digit - Not Orderable**

## Humidifier Controls

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | C | O | N | T | H | 0 | 1 | A | A | U | T | O | A | A |

**Brand**

**Accessory Type**
CONT = Control

**Accessory**
H = Humidifier

**Model Series**

**Major Design Change**

**Control Type - Automatic or Manual**
SENS = Sensing
1310 = Height x Width (Dimensions)
MHCO = Manual Humidifier Control

**Minor Design Change**

**Service Digit - Not Orderable**

## Humidifier Accessories

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| B | A | Y | R | L | Y | 1 | 0 | A | S | E | N | S | A | A |

**Accessory**

**Description**
RLY = Relay
PAD = Humidifier Replacement Pad
PLT = Adapter Plate

**Accessory Series**

**Major Design Change**

**Accessory Type**
SENS = Sensing
1310 = Height x Width (Dimensions)
MHCO = Manual Humidifier Control

**Minor Design Change**

**Service Digit- Not Orderable**

## Energy Recovery Ventilator (ERV)

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| E | E | R | V | R | 1 | 0 | 0 | A | 1 | P | 0 | 0 | B | A |

**General Descriptor**
E = Dual Brand

**Product Type**
ERV = Energy Recovery Ventilator

**Feature Tier**
B = Future
R = PSC Blower/PT Control
X = Future

**Model Family (Nominal Airflow)**
100 = 130 cfm
200 = 200 cfm
300 = 300 cfm

**Major Design Change**

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

**Type of Defrost**
P = Passive

**Open Digits**

**Minor Design Change**
B = Polyslate Cabinet/Polyslate Door
Dual Badge Included

**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.



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## 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
H, K = Horizontal
C = Convertible
X = High Efficiency
Y = Super High Efficiency
Z = Ultra 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 = Impack – Side by Side – Ft. Smith Only
B = Over/Under – Ft. Smith Only
G = Impack 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**
OO = No Heat, No Options
LO = Low Heating Capacity
MO = Medium Heating Capacity
HO = High Heating Capacity

**Minor Design Change**

**Service Digit - Not Orderable**

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## Controls

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| A | Z | O | N | E | 9 | 5 | 0 | A | C | 5 | 2 | Z | A | A |

**Brand**
A = American Standard
Z = Unbranded

**Accessory Type**
CONT = Control (thermostat)
ZONE = Control (zoning)

**Model Series**

**Major Design Modifications**

**Control Platform**
M = Mechanical
N = Non-programmable Electronic (Digital Display)
F = Five/Two Programmable Electronic (Digital Display)
S = Seven Day Programmable Electronic (Digital Display)
C = Communicating
W = Wireless

**Heating Stages**

**Cooling Stages**

**Equipment Application**
A = AC / Heat (Gas or Electric)
G = AC / Heat (Gas)
E = AC / Heat (Electric)
H = Heat Pump
M = Multi-Application - AC / Heat (Gas/Elec) / Heat Pump
D = Dual Fuel, Heat Pump, or AC and Heat (Gas/Elec)
C = Communicating
Z = Zoning - Universal application - 3 wire Communicating zone control of AC or Heat (Gas/Elec) and Dual Fuel Heat Pump
U = Universal Application - Communicating Control of AC/Heat (Gas/Elec) / Dual Fuel Heat Pump

**Minor Design Change**

**Service Digit**

## Zone Dampers

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Z | D | A | M | P | R | D | M | A | 0 | 0 | 1 | 2 | A | A |

**Brand**
Z = Zoning

**Damper**

**Model Series**
RD = Round
RR = Retro-Fit Round
SM = Side Mount Rectangular
BM = Bottom Mount Rectangular

**Modulating Damper** (24 Volt, 60 Sec. Timing)

**Major Design Modifications**

**Dimensions**
0012 = 12" Round
1014 = 10" X 14" Rectangular (motor mounted on 2nd dimension)

**Minor Design Change**

**Service Digit**

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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# Model Nomenclature Light Commercial

## Commercial Condensing Units Cooling and Heat Pump

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| T | T | A | 0 | 9 | 0 | D | 3 | H | R | B | 0 |

**Product Type**

TTA = Split Cooling TWA = Split Heat Pump

**Nominal Gross Cooling Capacity (MBh)**

| Cooling | Heat Pump |
|---|---|
| 090 = 7 1/2 Tons | 090 = 7 1/2 Tons |
| 120 = 10 Tons | 120 = 10 Tons |
| 150 = 12 1/2 Tons | 180 = 15 Tons |
| 180 = 15 Tons | 240 = 20 Tons |
| 240 = 20 Tons | 300 = 25 Tons |

**Compressor**

D = Single Compressor (R-410A)
E = Dual Compressors (R-410A)
F = Dual Manifolded Compressors (R-410A)

**Electrical Characteristics**

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

**Factory-Installed Options**

0 = No Hail Guard
H = Hail Guard

**Factory-Installed Options**

0 = Packed Stock, No Options
S = Epoxy Coil
R = ReliaTel™
T = ReliaTel™ with Epoxy Coil

**Minor Design Change**

**Service Digit - Not Orderable**

## Air Handler - Commercial

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| T | W | E | 0 | 9 | 0 | D | 1 | 0 | 0 | A | 0 |

**Product Type**

TW = Cooling/Heat Pump

**Airflow Type**

E = Convertible – Upflow/Horizontal Only

**Nominal Gross Cooling Capacity (MBh)**

| | |
|---|---|
| 060 = 5 Tons | 180 = 15 Tons |
| 090 = 7 1/2 Tons | 240 = 20 Tons |
| 120 = 10 Tons | 300 = 25 Tons |
| 150 = 12 1/2 Tons | |

**Refrigeration Circuits**

D = Single Circuit
E = Dual Circuit, R-410A

**Electrical Characteristics**

1 = 208-230/1/60
3 = 208-230/3/60
4 = 460/3/60

**Factory Installed Options**

00 = Packed Stock (No Options), Standard Motor - Electromechanical
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™

**Minor Design Change**

**Service Digit - Not Orderable**

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# 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
B = 6 kW (3 phase)
E = 12 kW (3 phase)
G = 18 kW (1&3 phase)
J = 23 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 Sequence⑯

**Digit 12,13 – Service Sequence**
**Factory Assigned

**Digit 14 – Fresh Air Selection**
0 = No Fresh Air
A = Manual Outside Air Damper 0-50%②
B = Motorized Outside Air Damper 0-50%
C = Economizer, Dry Bulb 0-100% without Barometric Relief⑤
D = Economizer, Dry Bulb 0-100% with Barometric Relief⑤
E = Economizer, Reference Enthalpy 0-100% without Barometric Relief⑤
F = Economizer, Reference Enthalpy 0-100% with Barometric Relief⑤
G = Economizer, Comparative Enthalpy 0-100% without Barometric Relief⑤
H = Economizer, Comparative Enthalpy 0-100% with Barometric Relief⑤
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

**Digit 15 – Supply Fan/Drive Type/Motor**
0 = Standard Drive⑥
1 = Oversized Motor
2 = Optional Belt Drive Motor⑱
6 = Single Zone VAV㉘
7 = Multi-Speed Indoor Fan㉗
E = VAV Supply Air Temperature Control Standard Motor㉝

**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 Electric⑥
B = Through the Base Gas Piping⑬
C = Through the Base Electric and GasPiping⑬

**Digit 19 – Disconnect/Circuit Breaker (three - phase only)**
0 = No Disconnect/No Circuit Breaker
1 = Unit Mounted Non-Fused Disconnect⑥
2 = Unit Mounted Circuit Breaker⑥

**Digit 20 – Convenience Outlet**
0 = No Convenience Outlet
A = Unpowered Convenience Outlet
B = Powered Convenience Outlet (three-phase only)⑦

**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 System⑧
B = Dehumidification Option⑰

**Digit 23 – Refrigeration Controls**
***Note:*** *Applicable to Digit 7 = E*
0 = No Refrigeration Control③
1 = Frostat
2 = Crankcase Heater①
3 = Frostat and Crankcase Heater①

**Digit 24 – Smoke Detector⑭**
0 = No Smoke Detector
A = Return Air Smoke Detector⑨⑩
B = Supply Air Smoke Detector
C = Supply and Return Air Smoke Detectors⑨⑩
D = Plenum Smoke Detector

**Digit 25 – Monitoring Controls**
0 = No Monitoring Control⑪
1 = Clogged Filter Switch⑪
2 = Fan Failure Switch⑪
3 = Discharge Air Sensing Tube⑪
4 = Clogged Filter Switch and Fan Fail Switch⑪
5 = Clogged Filter Switch and Discharge Air Sensing Tube⑪
6 = Fan Fail Switch and Discharge Air Sensing Tube⑪
7 = Clogged Filter and Fan Fail Switches and Discharge Air Sensing Tube⑪
8 = Novar Return Air Sensor⑫
9 = Novar 3051 Zone Sensor⑮
A = Condensate Drain Pan Overflow Switch
B = Clogged Filter Switch⑪ and Condensate Drain Pan Overflow Switch
C = Fan Failure Switch⑪ and Condensate Drain Pan Overflow Switch
D = Discharge Air Sensing⑪ and Condensate Drain Pan Overflow Switch
E = Clogged Filter Switch⑪, Fan Failure Switch⑪ and Condensate Drain Pan Overflow Switch
F = Clogged Filter Switch⑪, 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 Switch⑪, Fan Failure Switch⑪, Discharge Air Sensing⑪ and Condensate Drain Pan Overflow Switch

**Digit 26 – System Monitoring Controls**
0 = No Monitoring Controls
A = Demand Control Ventilation ($CO_2$)㉛㉜
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

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.

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

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



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HEATING & AIR CONDITIONING

# 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 Only④

**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 - High④
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 - High④

**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 Relief①
E = Economizer, Reference Enthalpy 0-100% without Barometric Relief
F = Economizer, Reference Enthalpy 0-100% with Barometric Relief①
G = Economizer, Comparative Enthalpy 0-100% without Barometric Relief
H = Economizer, Comparative Enthalpy 0-100% with Barometric Relief①

**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 Gas①
C = Through The Base Electric/Gas

**Digit 19 – Disconnect Switch**

0 = No Disconnect/circuit break
1 = Unit Mounted Non-Fused Disconnect Switch②

**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.

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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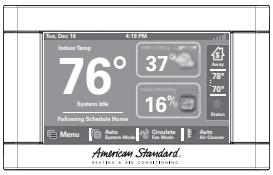
# Conventional 24 Volt Smart Thermostat




**GOLD 824**
**ACONT824AS52DB**

Home™

CHANGE FOR THE BETTER WITH ENERGY STAR

## ACONT824AS52DB

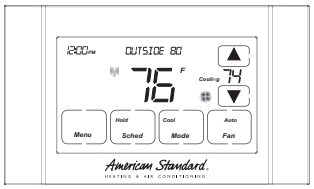
- Energy Star® certified
- Connect over 200 Z-Wave devices①②
- Built-in Z-Wave Bridge ①
- WiFi or Ethernet connection
- Control from a smartphone, tablet, or computer ①②
- 4.3"diagonal color touchscreen
- 7 Day programmable with up to four schedules per day
- Five day weather forecast, weather radar, and weather alerts ①
- 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
- American Standard Diagnostics ①
- Over-the-air software upgrade ①
- Local software upgrade option
- Silver color
- Limited Warranty: 5 yr. base/10 yr.

## 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**

Home™

## ACONT724AS42DA

- American Standard® Home compatible ①②
- American Standard Diagnostics ①
- WiFi connectivity
- Control from a smartphone, tablet, or computer ①②
- 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.

## 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
- Z-Wave Bridge is required to control Z-Wave devices. ①②

## Dimensions:

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

① Requires internet service and American Standard® Home smart home system registration.
② American Standard® Home remote climate access is included with the purchase for up to 8 Connected Controls per home. Adding accessories or additional controls to your American Standard® Home system may require a monthly subscription.

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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# AccuLink™ Communicating Smart Thermostat

**PLATINUM 1050**
**AZON1050AC52ZA**

Home™

## AZON1050AC52ZA

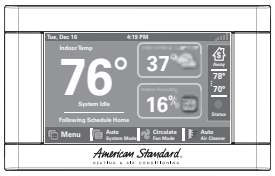
- Mobile app compatible with built-in Z-Wave bridge (download American Standard Home mobile app)
- Connect over 200 Z-Wave devices①②
- American Standard Diagnostics ①
- WiFi or Ethernet connection
- Control from a smartphone, tablet, or computer ①②
- 7"diagonal color touchscreen
- 1-Touch Presets - Home, 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 ①
- Indoor relative humidity display
- Test modes and alert diagnostics
- Over-the-air Software Upgrade ①
- Local Software Upgrade option
- Color: Designer Silver
- Limited Warranty: 5 yr. base/10 yr.

### 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



**PLATINUM 850**
**ACONT850AC52UB**

Home™

## ACONT850AC52UB

- Mobile app compatible with built-in Z-Wave bridge (download American Standard Home mobile app)
- Connect over 200 Z-Wave devices
- WiFi (802.11 b/g/n) or Ethernet connection
- Control from a smartphone, tablet, or computer ①②
- 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 ①
- Indoor relative humidity display
- Test modes and alert diagnostics
- American Standard Diagnostics
- Upgradable software
- Silver color
- Wall Cover Plate BAYCOVR800A
- Limited Warranty: 5 yr. base/10 yr.

### 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

① Requires internet service and connection to American Standard® Home smart home system.
② American Standard® Home remote climate access is included with the purchase of up to 8 Connected Controls per home. Adding accessories to your American Standard® Home 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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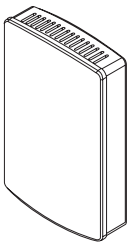
# American Standard® Home Compatible Products



## Remote Temperature Sensor



**Remote Wireless Indoor Sensor**

**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
- Enables RoomIQ™ access in American Standard Home mobile app

**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

## Modules

**Light Dimmer Module**

**Light Dimmer Module**
SKU: 811097020082
- Light Dimmer 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.

**Smart Energy Switch**

**Smart Energy Switch**
SKU: 811097020464
- Z-Wave plus Smart Energy Switch with single switched outlet
- Can be scheduled or remote controlled via American Standard Home app on smartphone/tablet
- Physical button allows manual switch control
- Built-in Z-Wave repeater to extend wireless range up to 250ft
- Monitors energy consumption of plugged-in device and provides instant power and accumulated power consumption reports via American Standard Home app
- Plugs into any standard 120VAC outlet. Provides over voltage/current protection.
- For indoor use only

**Application:**
- Protocol: Z-Wave
- Manufacturer: American Standard Home
- Max load: 400W incandescent, 15A resistive, 120VAC
- Operating Temperature: 32-104°F

**Unit Dimensions:**
- 2.2"w x 2.2"d x 2.4"h
- Shipping weight: 1 lb.

**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.

① Requires internet service and American Standard® Home smart home system registration.



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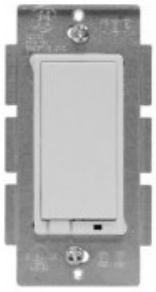
# American Standard® Home Compatible Products



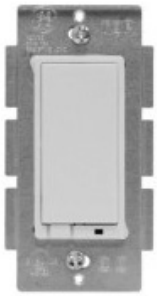
**Jasco In-Wall Dimmer Switch**

### Dimmer Switch
SKU: 043180457127

- Turn light on/off or dim any incandescent lighting remotely from American Standard® Home 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 American Standard® Home 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



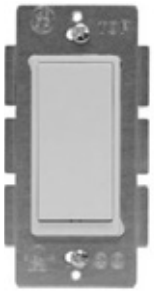
**Jasco In-Wall On/Off Switch**

### On/Off Switch
SKU: 043180457097

- Turn any light on/off remotely from American Standard® Home 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 American Standard® Home 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



**Jasco In-Wall 3-Way Add-on Switch**

### 3-Way Add-on Switch
SKU: 043180457103

- The Jasco Add-On Switch mirrors the functionality of the Jasco switch with which it is paired. Unlike traditional lighting controls, all paired switches perform the same functions. ①
- Compatible with all In-Wall GE and Jasco 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.

① Requires internet service and American Standard® Home smart home system registration.



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# American Standard® Home Compatible Products

**GE In-Wall Fan Control Switch**

### Fan Control Switch

SKU: 030878143141
SKU: 030878127301 (Phasing out)

- Turn fan on/off and control up to three speed levels remotely from American Standard® Home 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 American Standard® Home 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

**Linear In-Wall Switch**

### On/Off Switch

SKU: 093863122941

- Turn any light on/off remotely from American Standard® Home app ①
- Includes decor wall plate
- Serves as Z-Wave repeater
- Automate with American Standard® Home 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

**JASCO In-Wall Smart Motion Switch**

### In-Wall Smart Motion Switch

SKU: 030878247702

- Indoor in-wall Z-Wave light switch with integrated motion sensor
- Wirelessly trigger scenes/automations and send alerts to smartphone or tablet when motion detection has turned lights on or off.
- Can be used in 3-way and 4-way applications
- Multiple Operation Modes:
  - Occupancy - auto ON/auto OFF
  - Vacancy - manual ON/auto OFF
  - Manual - manual ON/OFF
- 3 Sensitivity Levels - low, medium, high
- Requires in-wall installation with hard-wired connections - Neutral wire REQUIRED.
- Includes white and light almond paddles (wall plate not included)

### Application:

- Protocol: Z-Wave
- Manufacturer: JASCO
- Max load: 960W incandescent, ½ HP motor, 1800W, 120VAC
- Operating Temperature: 32-104°F

### Unit Dimensions:

- 1.5"w x 1.5"d x 3.0"h

### 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.



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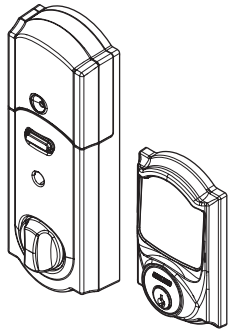
# American Standard® Home Compatible Products

## 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, Aged Bronze, Bright Brass, or Matte Black finish

**Model number and finish:**

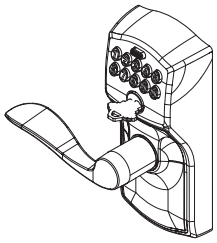
- BAY469SNACAMEA - Satin Nickel SKU: 043156312108
- BAY469ABACAMEA - Aged Bronze SKU: 043156312191
- BAY469BBACAMEA - Bright Brass SKU: 043156312207
- BAY469MBACAMEA - Matte Black SKU: 04315654051

**Dimensions:**

- Camelot: Outside 3.0"w x 5.0"h x1"d Inside 3.0"w x 8.28"h x 2.0"d
- Shipping Weight: 3.8 lbs.

**Warranty**

- Lifetime limited mechanical and finish warranty
- 1-year limited electronics warranty



**Schlage® Keypad Lever Lock***

### Schlage® Keypad 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 2 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

**Model number and finish:**

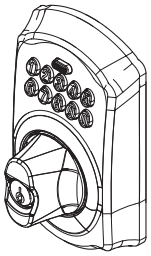
- BAY599BBALLFEA - Bright Brass SKU: 043156296231
- BAY599SNALLFEA - Satin Nickel SKU: 043156296248
- BAY599ABALLFEA - Aged Bronze SKU: 043156296255

**Dimensions:**

- Outside: 3.0"w x 7.0"h x 3.25"d
- Inside: 3.0"w x 8.25"h x 3.25"d
- Shipping Weight: 5.5 lbs.

**Warranty**

- Lifetime limited mechanical and finish warranty
- 1-year limited electronics warranty



**Schlage® Keypad Deadbolt Lock***

### Schlage® Keypad 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 2 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

**Model number and finish:**

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

**Dimensions:**

- Outside: 3.25"w x 5.5"h x 3.4"d
- Inside: 3.25"w x 7.5"h x 2.5"d
- Shipping Weight: 6 lbs.

**Warranty**

- Lifetime limited mechanical and finish warranty
- 1-year limited electronics warranty

* Low Stock. Once they are gone, we suggest purchasing through a local wholesaler or Amazon

① Requires internet service and American Standard® Home 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.



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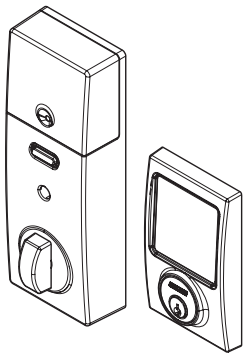
American Standard®

HEATING & AIR CONDITIONING

# American Standard® Home Compatible Products





**Touchscreen Deadbolt Century***

* Low Stock. Once they are gone, we suggest purchasing through a local wholesaler or Amazon

### 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

### Model number and finish:

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

### Dimensions:

- Century: Outside 3.0"w x 5.0"h x 1.0"d Inside 3.0"w x 8.17"h x 2.0"d
- Shipping Weight: 3.8 lbs.
-

### Warranty

- Lifetime limited mechanical and finish warranty
- 1-year limited electronics warranty
-

## Wireless Cameras

**Wi-Fi HD Wide-Angle Indoor Camera**

### Wi-Fi HD Wide-Angle Indoor Camera

SKU: 811097020426

- American Standard® Home Web Camera - Wireless
- 1080p
- 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 American Standard Home 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

**Wi-Fi Outdoor Camera****

### Wi-Fi Outdoor Camera

SKU: 811097020419

- American Standard® Home Web Camera - Wireless
- 720p
- 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 American Standard Home 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

** Low Stock. Once they are gone, we will no longer sell an outdoor camera model

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 American Standard® Home smart home system registration.



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**Wi-Fi Indoor Camera**

### Wi-Fi Indoor Camera

SKU: 811097020303

- American Standard® Home Web Camera - Wireless
- 720p
- 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 American Standard Home 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 (indoor use only)

### Dimensions:

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

## Security Sensors & Alarms

**Sensative Strips Door/ Window Sensor**

### Sensative Strips Door/Window Sensor

SKU: 7350088520024

- 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
- Indoor or outdoor use
- Not for use on metal surfaces which may block the signal
- Long lasting non-replaceable battery (10 year life)

### Application:

- Protocol: Z-Wave
- Manufacturer: Sensative

### Application:

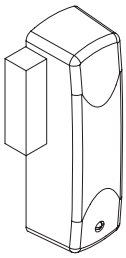
- Indoor Range: 130 ft.
- Magnetic Range: 0.6"
- Operating Temperature: -4°F-140°F (-20°C-60°C)

### Dimensions:

- Sensor: 7.7”l x 0.6"w x 0.12"d
  Magnet: 1.2"l x 0.43"w x 0.04"d
- Weight: 2 oz.

### Warranty

- 1-Year Limited Warranty



**Door/Window Sensor**

### Door/Window Sensor

SKU: 811097020105

- Door / Window Sensor
- Reports open/closed status of doors and windows ①
- Set American Standard® Home to send notification when doors or windows are opened ①
- Set American Standard® Home 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

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 American Standard® Home smart home system registration.



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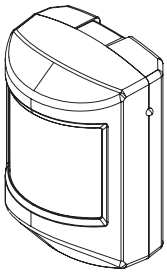
# American Standard® Home Compatible Products



## Security Sensors & Alarms



**Motion Sensor**

### Motion Sensor
SKU: 811097020112
- Motion Sensor
- Text or e-mail alert when activity is detected ①
- Trigger American Standard® Home 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

**Ecolink Garage Tilt Sensor**

### Ecolink Garage Tilt Sensor
SKU: 851166005107
- Wirelessly transmits garage door position status (open or closed) via Z-Wave
- Intended for multi-section garage doors
- Easily mounts directly to inside of garage door (top section) via mounting screws or double-sided tape
- 5-8 year battery life

**Application:**
- Protocol: Z-Wave
- Manufacturer: Ecolink
- Power: CR123A 3.0V Lithium
- Operating Temperature: 32-120°F

**Dimensions:**
- 1.7" h x 3.0" w x 1.0" d

**Warranty**
- 3 years

**GE Outdoor Module**

### GE Outdoor Module
SKU: 043180456588
- Wirelessly schedule and control outdoor lighting and appliances, including seasonal and landscape lighting, fountains and pumps from anywhere
- Contains one Z-Wave outlet and a manual switch for On/Off control
- Weather and impact resistant enclosure
- Built-in mounting bracket

**Application:**
- Protocol: Z-Wave
- Manufacturer: General Electric (GE)
- Max load: 600W incandescent, ½ HP motor, 120VAC
- Operating Temperature: 32-104°F

**Dimensions:**
- 5.5”h x 4.0”w x 2.5”d

**Warranty**
- 1-Year Limited

① Requires internet service and American Standard® Home smart home system registration.
② Requires American Standard® Home compatible connected control

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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BUILT TO A HIGHER STANDARD®
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# American Standard® Home Compatible Products

## FortrezZ Water Valves

### Indoor Actuator

Indoor Actuator
SKU: 045635411890
Indoor Actuator

- Remotely operated Z-Wave water valve compatible with American Standard® Home 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

### Outdoor actuator

Outdoor Water Valve Variants
SKU: 661799563260
Outdoor actuator and indoor control with 50' cable ②③

### Brass Water Valves

Brass Ball Water Valves
SKU: 045635411852
3/4" Brass Valve ④

## Garage Door Controller

**Garage Door Controller**

Garage Door Controller
SKU: 093863133206

- Fully supported by American Standard® Home 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 American Standard® Home 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 Chamberlain/Liftmaster MyQ system.

**Unit Dimensions:**

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

① Requires internet service and American Standard® Home 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)

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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BUILT TO A HIGHER STANDARD™

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# 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**

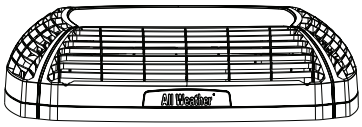
| Model Number | Power Supply | Nom. Cap. Cooling (BTUH) | Uncrated Dimensions (in.) H | W | D | Shipping Weight (lbs.) | Sound** Rating | MCA* | Max. Fuse* | Line Size (in) OD Gas | OD Liq. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4A7V0024A1000B | 208/230/1/60 | 24,600 | 41 | 33 | 30 | 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.) H | W | D | Shipping Weight (lbs.) | Sound** Rating | MCA* | Max. Fuse* | Line Size (in) OD Gas | OD Liq. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4A7V8024A1000B | 208/230/1/60 | 24,600 | 41 | 33 | 30 | 217 | 57/66 | 17 | 25 | 5/8 | 3/8 |
| 4A7V8036A1000B | 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).




## ALL WEATHER™ TOP ACCESSORY

BAYAWGR0003 - Fits base sizes 33"x30" (WxD)
BAYAWGR0004 - Fits base sizes 37"x34" (WxD)

Split System Cooling

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



| Table SC-2-A — Features | Platinum 20 (4A7V0) | Platinum 18 (4A7V8) |
|---|---|---|
| • SEER up to | 22.00 | 18.00 |
| • **Duration™** compressor | 1 | 1 |
| • Number of stages | Variable | Variable |
| • **Comfort-R™** mode approved | ✔ | ✔ |
| • **AccuLink™** system | ✔ | ✔ |
| • **DuraBase™** base, fast complete drain, weatherproof | ✔ | ✔ |
| • **Easy-Sess™** cabinet, service access | ✔ | ✔ |
| • **Spine Fin™** 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 | ✔ | ✔ |
| • **12-year limited warranty on compressor,10-year on outdoor coil & all other functional parts (Residential Use)** | ✔ | ✔ |
| • **Extended warranties available** | ✔ | ✔ |

**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 | ✔ | ✔ |
| BAYVEN002 | Enhanced Sound Enclosure | 2 | ✔ | ✔ |
| 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 | — | ✔ |
| PAI00309① | Heresite Spraypaint | 1 | ✔ | ✔ |
| BAYAWGR0004 | **All Weather™ Top** - Fits unit base size of (W x D) of 37" X 34" | | 034-060 | 037-060 |
| BAYAWGR0003 | **All Weather™ Top** - Fits unit base size of (W x D) of 33" X 30" | | 024 | 024-036 |

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

① Used for additional seacoast corrosion protection. Refer to bulletin number UN-SVB11A-EN for application information.

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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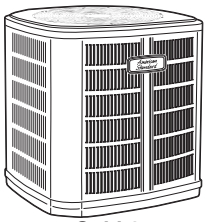
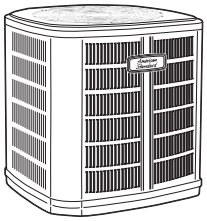
# Split System Cooling Single Phase – 1½-5 Tons



Gold 17
(Two Stage)

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

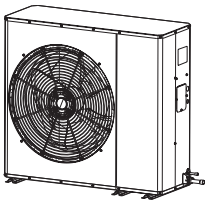
| Model Number | Power Supply | Nom. Cap. Cooling (BTUH) | Uncrated Dimensions (in.) H | W | D | Shipping Weight (lbs.) | Sound** Rating | MCA* | Max. Fuse* | Line Size (in) OD Gas | OD Liq. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4A7A7024A1000B | 208/230/1/60 | 24,000 | 41 | 37 | 34 | 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 |
| 4A7A7048B1000A | 208/230/1/60 | 48,000 | 45 | 37 | 34 | 296 | 73 | 28 | 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.) H | W | D | Shipping Weight (lbs.) | Sound** Rating | MCA* | Max. Fuse* | Line Size (in) 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 | 3/4 | 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 |
| 4A7A6060J1000B | 208/230/1/60 | 57,500 | 45 | 37 | 34 | 327 | 70 | 32 | 60 | 1 1/8 | 3/8 |
| 4A7A6061J1000B | 208/230/1/60 | 60,000 | 45 | 37 | 34 | 327 | 74 | 32 | 45 | 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.) H | W | D | Shipping Weight (lbs.) | Sound** Rating | MCA* | Max. Fuse* | Line Size (in) OD Gas | OD Liq. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4A7L6018A1000A① | 208/230/1/60 | 18,000 | 36 | 40 | 15 | 165 | 70 | 12 | 20 | 3/4 | 3/8 |
| 4A7L6024A1000A① | 208/230/1/60 | 23,000 | 36 | 40 | 15 | 165 | 70 | 13 | 20 | 3/4 | 3/8 |
| 4A7L6030A1000A① | 208/230/1/60 | 29,000 | 36 | 40 | 15 | 180 | 71 | 17 | 25 | 3/4 | 3/8 |
| 4A7L6036A1000A① | 208/230/1/60 | 35,000 | 36 | 47 | 18 | 242 | 72 | 19 | 30 | 3/4 | 3/8 |
| 4A7L6042A1000A① | 208/230/1/60 | 41,000 | 36 | 47 | 18 | 243 | 73 | 22 | 35 | 7/8 | 3/8 |
| 4A7L6048A1000A① | 208/230/1/60 | 47,000 | 36 | 47 | 18 | 243 | 73 | 24 | 40 | 7/8 | 3/8 |
| 4A7L6060A1000A① | 208/230/1/60 | 57,000 | 42 | 47 | 18 | 263 | 73 | 31 | 50 | 1 1/8 | 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: 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



| Table SC-4-A — Features | Gold 17 (4A7A7) | Silver 16 (4A7A6) | Silver16 (4A7L6) |
|---|---|---|---|
| • SEER up to | 18.00 | 17.00 | 17.00 |
| • **Duration™** compressor | ✔ | ✔ | ✔ |
| • Number of stages | 2 | 1 | 1 |
| • **Comfort-R™** mode approved | ✔ | ✔ | ✔ |
| • **DuraBase™** base, fast complete drain, weatherproof | ✔ | ✔ | — |
| • **Easy-Sess™** cabinet, service access | ✔ | ✔ | — |
| • **Spine Fin™** coil | ✔ | ✔ | — |
| • **Coppe Tube, Aluminum Fin** 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 | ✔ | ✔ | ✔ |
| • **12-year limited warranty on compressor,10-year on outdoor coil & all other functional parts (Residential Use)** | ✔ | — | — |
| • **10-year limited warranty on compressor,10-year on outdoor coil & all other functional parts (Residential Use)** | — | ✔ | ✔ |
| • **Extended warranties available** | ✔ | ✔ | ✔ |

## 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 | ✔ | ✔ | ✔ |
| BAYLOAM107A | Low Ambient Kit | 1 | ✔ | ✔ | ✔ |
| BAYSDEN001 | Small Scroll Compressor Enclosure | 8 | — | 1½-2 | — |
| BAYSDEN004 | Large Scroll Compressor Enclosure | 8 | — | 2½-5 | 1½-5 |
| BAYSEAC001 | Seacoast Kit | 1 | ✔ | ✔ | — |
| BAYSDHG002A | Hail Guard Kit | 5 | — | — | 1½-2½ |
| BAYSDHG003A | Hail Guard Kit | 5 | — | — | 3-4 |
| BAYSDHG004A | Hail Guard Kit | 5 | — | — | 5 |
| BAYWIND102 | Wind Baffle Kit | | — | — | 5 |
| BAYWIND103 | Wind Baffle Kit | | — | — | 3-5 |
| TAYASCT501A①② | 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 | — |
| PAI00309③ | Heresite Spraypaint | 1 | ✔ | ✔ | ✔ |
| BAYSKIT014A | Stacking Kit | | 1½ | 2-2½ | ✔ |
| BAYSKIT018A | Stacking Kit | | 3-3½ | 4-5 | ✔ |
| BRK05033④ | Wall Mount Kit | | — | — | ✔ |
| BAYAWGR0004 | **All Weather™ Top** - Fits unit base size of (W x D) of 37" X 34" | | ✔ | 036-061 | — |
| BAYAWGR0003 | **All Weather™ Top** - Fits unit base size of (W x D) of 33" X 30" | | — | 018-030 | — |
| BAYSDHG001A | Hail Guard Kit 3.2 | | — | — | ✔ |
| BAYSDHG002A | Hail Guard Kit 3.3 | | — | — | ✔ |
| BAYSDHG003A | Hail Guard Kit 4.3 | | — | — | ✔ |
| BAYSDHG004A | Hail Guard Kit 4.4 | | — | — | ✔ |

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

① Not for use with programmable thermostats.
② Activated on power off.
③ Used for additional seacoast corrosion protection. Refer to bulletin number UN-SVB11A-EN for application information.
④ 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.



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14-1011-38

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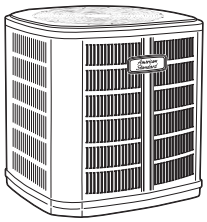
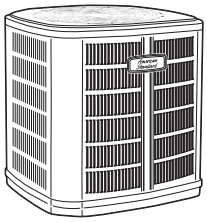
# Split System Cooling Single Phase – 1½-5 Tons



Silver 14
(Single Stage)

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

| Model Number | Power Suppy | Nom. Cap. Cooling (BTUH) | Uncrated Dimensions(in.) H | W | D | Shipping Weight (lbs.) | Sound** Rating | MCA* | Max. Fuse* | Line Size (in) OD Gas | OD Liq. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4A7A4018L1000A | 208/230/1/60 | 17,000 | 29 | 29 | 26 | 153 | 72 | 12 | 20 | 3/4 | 3/8 |
| 4A7A4024L1000B① | 208/230/1/60 | 23,600 | 29 | 29 | 26 | 153 | 71 | 14 | 20 | 3/4 | 3/8 |
| 4A7A4025L1000B | 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 |
| 4A7A4060L1000B | 208/230/1/60 | 56,000 | 37 | 37 | 34 | 246 | 71 | 31 | 45 | 7/8 | 3/8 |



Silver 13
(Single Stage)

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

| Model Number | Power Suppy | Nom. Cap. Cooling (BTUH) | Uncrated Dimensions(in.) H | W | D | Shipping Weight (lbs.) | Sound** Rating | MCA* | Max. Fuse* | Line Size (in) 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 |
| 4A7A3048E1000P② | 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 |
| 4A7A3060E1000N② | 208/230/1/60 | 58,500 | 37 | 37 | 34 | 261 | 80 | 32 | 45 | 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).



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



Effective 1/1/21
14-1011-38

# Split System Cooling Single Phase – 1½-5 Tons



| 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 | ✔ | ✔ |
| • **10-year limited warranty on compressor, outdoor coil & all other functional parts (Residential Use)** | ✔ | ✔ |
| • **Extended warranties available** | ✔ | ✔ |

**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 | ✔ | ✔ |
| BAYLOAM107A | Low Ambient Kit | 1 | ✔ | ✔ |
| BAYSDEN001 | Small Scroll Compressor Enclosures | 8 | 1½-2½, 3½-4 | 1½-3½, 3049 |
| BAYSDEN004 | Large Scroll Compressor Enclosures | 8 | 3, 5 | 3048, 5 |
| BAYSEAC001 | Seacoast Kit | 1 | ✔ | ✔ |
| TAYASCT501A①② | 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 |
| PAI00309③ | Heresite Spraypaint | 1 | ✔ | ✔ |
| BAYAWGR0004 | **All Weather™ Top** - Fits unit base size of (W x D) of 37" X 34" | | 042-060 | 43, 49, 60 |
| BAYAWGR0003 | **All Weather™ Top** - Fits unit base size of (W x D) of 33" X 30" | | 030-037 | 36, 42, 48 |

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

① Not for use with programmable thermostats.
② Activated on power off.
③ Used for additional seacoast corrosion protection. Refer to bulletin number UN-SVB11A-EN for application information.

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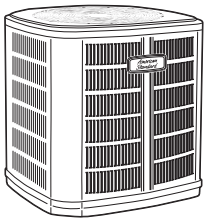
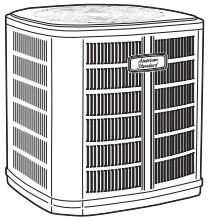
# Split System Cooling Three Phase



Gold 17
(Two Stage)

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

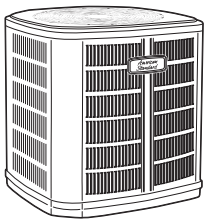
| Model Number | Power Supply | Nom. Cap. Cooling (BTUH) | Uncrated Dimensions(in.) H | W | D | Shipping Weight (lbs.) | Sound** Rating | MCA* | Max. Fuse* | Line Size (in) OD Gas | OD Liq. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4A7C7036A3000A | 208/230/3/60 | 36,000 | 45 | 37 | 34 | 283 | 72 | 15 | 25 | ¾ | ⅜ |
| 4A7C7048A3000A | 208/230/3/60 | 48,000 | 45 | 37 | 34 | 285 | 73 | 18 | 30 | ⅞ | ⅜ |
| 4A7C7060A3000A | 208/230/3/60 | 60,000 | 45 | 37 | 34 | 308 | 74 | 22 | 35 | 1⅛ | ⅜ |
| 4A7C7036A4000A | 460/3/60 | 36,000 | 45 | 37 | 34 | 283 | 72 | 8 | 15 | ¾ | ⅜ |
| 4A7C7048A4000A | 460/3/60 | 48,000 | 45 | 37 | 34 | 285 | 73 | 9 | 15 | ⅞ | ⅜ |
| 4A7C7060A4000A | 460/3/60 | 60,000 | 45 | 37 | 34 | 308 | 74 | 10 | 15 | 1⅛ | ⅜ |



Silver 14
(Single Stage)

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

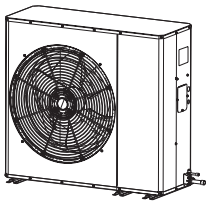
| Model Number | Power Supply | Nom. Cap. Cooling (BTUH) | Uncrated Dimensions(in.) H | W | D | Shipping Weight (lbs.) | Sound** Rating | MCA* | Max. Fuse* | Line Size (in) OD Gas | OD Liq. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4A7C4036A3000A | 208/230/3/60 | 36,000 | 33 | 33 | 30 | 183 | 73 | 12 | 20 | ¾ | ⅜ |
| 4A7C4042A3000A | 208/230/3/60 | 42,000 | 29 | 37 | 34 | 216 | 72 | 15 | 25 | ¾ | ⅜ |
| 4A7C4048A3000A | 208/230/3/60 | 48,000 | 29 | 37 | 34 | 221 | 72 | 18 | 30 | ⅞ | ⅜ |
| 4A7C4060A3000A | 208/230/3/60 | 60,000 | 37 | 37 | 34 | 246 | 72 | 21 | 35 | ⅞ | ⅜ |
| 4A7C4036A4000A | 460/3/60 | 36,000 | 33 | 33 | 30 | 183 | 73 | 8 | 15 | ¾ | ⅜ |
| 4A7C4042A4000A | 460/3/60 | 42,000 | 33 | 37 | 34 | 216 | 72 | 8 | 15 | ¾ | ⅜ |
| 4A7C4048A4000A | 460/3/60 | 48,000 | 33 | 37 | 34 | 221 | 72 | 8 | 15 | ⅞ | ⅜ |
| 4A7C4060A4000A | 460/3/60 | 60,000 | 41 | 37 | 34 | 246 | 72 | 9 | 15 | ⅞ | ⅜ |



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.) H | W | D | Shipping Weight (lbs.) | Sound** Rating | MCA* | Max. Fuse* | Line Size (in) 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 |



Siver16
(Single Stage)

**First Order Date:**
**January 20,2020**
**Units will ship from factory**
**30 days after order is placed.**

## Table SC-7-D — Silver 16-410A Side Discharge Single Stage Cooling — Three Phase

| Model Number | Power Supply | Nom. Cap. Cooling (BTUH) | Uncrated Dimensions (in.) H | W | D | Shipping Weight (lbs.) | Sound** Rating | MCA* | Max. Fuse* | Line Size (in) OD Gas | OD Liq. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4A7S6036A3000A① | 208/230/3/60 | 35000 | 36 | 47 | 18 | 242 | 73 | 11 | 15 | 3/4 | 3/8 |
| 4A7S6048A3000A① | 208/230/3/60 | 46500 | 36 | 47 | 18 | 243 | 76 | 18 | 30 | 7/8 | 3/8 |
| 4A7S6060A3000A① | 208/230/3/60 | 56000 | 42 | 47 | 18 | 263 | 76 | 21 | 35 | 1 1/8 | 3/8 |
| 4A7S6036A4000A① | 460/3/60 | 35000 | 36 | 47 | 18 | 242 | 73 | 5 | 15 | 3/4 | 3/8 |
| 4A7S6048A4000A① | 460/3/60 | 46500 | 36 | 47 | 18 | 243 | 76 | 8 | 15 | 7/8 | 3/8 |
| 4A7S6060A4000A① | 460/3/60 | 56000 | 42 | 47 | 18 | 263 | 76 | 10 | 15 | 1 1/8 | 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: 4A7S6036A3COTA 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).



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



Effective 1/1/21
14-1011-38

# Split System Cooling Three Phase



| Table SC-8-A — Features | Gold 17 (4A7C7) | Silver 14 (4A7C4) | Silver 13 (4A7C3) | Silver 16 (4A7S6) |
|---|---|---|---|---|
| • SEER up to | 17.50 | 16.50 | 14.50 | 17.50 |
| • **Duration™** compressor | ✔ | ✔ | ✔ | ✔ |
| • **Comfort-R™** mode approved | ✔ | ✔ | ✔ | ✔ |
| • **DuraBase™** base, fast complete drain, weatherproof | ✔ | ✔ | ✔ | — |
| • **Easy-Sess** cabinet, service access & refrigerant connections with full coil protection | ✔ | ✔ | ✔ | — |
| • **Spine Fin™** coil | ✔ | ✔ | ✔ | — |
| • **Copper Tubing**, Aluminum Fin coil | — | — | — | ✔ |
| • Compressor sump heat - factory installed | ✔ | ✔ | ✔ | ✔ |
| • Refrigerant (R-22 not factory supplied) | R-410A | R-410A | R-22 | R-410A |
| • 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 | ✔ | ✔ | ✔ | ✔ |
| • **5-year basic limited warranty on compressor, 1-year on outdoor coil & all other functional parts (Commercial Use)** | ✔ | ✔ | ✔ | — |
| • **10-year limited warranty on compressor, outdoor coil & all other functional parts (Residential Use)** | ✔ | ✔ | ✔ | ✔ |
| • **Extended warranties available** | ✔ | ✔ | ✔ | ✔ |

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

| Model Number | Description | Shipping Weight | | | | |
|---|---|---|---|---|---|---|
| AY28X079 | Evap. Defrost Control Kit | 1 | ✔ | ✔ | ✔ | ✔ |
| BAYCCHT301RES | Crankcase Heater Kit (Scroll) | 1 | — | — | — | A |
| BAYCCHT302RES | Crankcase Heater Kit (Scroll) | 1 | — | — | — | A |
| 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 | ✔ | ✔ | ✔ | ✔ |
| BAYLOAM107A | Low Ambient Kit | 1 | ✔ | ✔ | ✔ | — |
| BAYSDEN001 | Single Cylinder Compressor Enclosures | 8 | — | 3½-4 | 3-4 | — |
| BAYSDEN004 | Large Scroll Compressor Enclosures | 8 | ✔ | 3, 5 | 5 | 4-5 |
| BAYSEAC001 | Seacoast Kit | 1 | ✔ | ✔ | ✔ | — |
| BAYWIND101 | Wind Baffle | | — | — | — | 3-5 |
| TAYASCT501A① | Anti-Short Cycle Timer | 2 | ✔ | ✔ | ✔ | — |
| TAYSVPANL0032AA | Service Valve Panel Cover Kit | 2 | — | 3½-4 | 3-4 | — |
| TAYSVPANL3343AA | Service Valve Panel Cover Kit | 2 | — | 3 | 2½ | — |
| TAYSVPANL0044AA | Service Valve Panel Cover Kit | 2 | — | 5 | 5 | — |
| TAYSVPANL0046AA | Service Valve Panel Cover Kit | 2 | 3-5 | — | — | — |
| PAI00309② | Heresite Spraypaint | 1 | ✔ | ✔ | ✔ | ✔ |
| BRK05033③ | Wall Mount Kit | | ✔ | ✔ | ✔ | ✔ |
| BAYTWGR0004 | **All Weather™ Top** - Fits unit base size of (W x D) of 37" X 34" | | ✔ | 036-061 | — | — |
| BAYTWGR0003 | **All Weather™ Top** - Fits unit base size of (W x D) of 33" X 30" | | — | 018-030 | — | — |
| BAYSDHG001A | Hail Guard Kit 3.2 | | — | — | — | ✔ |
| BAYSDHG002A | Hail Guard Kit 3.3 | | — | — | — | ✔ |
| BAYSDHG003A | Hail Guard Kit 4.3 | | — | — | — | ✔ |
| BAYSDHG004A | Hail Guard Kit 4.4 | | — | — | — | ✔ |

A = Factory Installed

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

① Not for use with programmable thermostats.
② Activated on Power Off.
③ Used for additional seacoast corrosion protection. Refer to bulletin number UN-SVB11A-EN for application information.

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



Effective 1/1/21
14-1011-38

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# 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 |
| 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 |
| | 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 | 14.00 | 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 |
| | 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 | 14.00 | 12.00 | 8.50 | 14.00 | 11.70 | 8.50 |
| | TAM9 | 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 |
| 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 | | |
| | 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 | NA | | | | | | | | | | | |
| | 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 |
| 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 | 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 | 9.00 | 15.00 | 12.50 | 8.50 | 14.50 | 12.00 | 8.50 |
| | TAM9 | 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 | 9.00 | 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 |
| TEM / TMM Air Handlers | TEM4 | 15.00 | 12.50 | 8.50 | 15.00 | 12.00 | 8.20 | | | | 15.00 | 12.00 | 8.20 | NA | | | 15.00 | 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 | | | | | | | | | | | |
| | 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 | 15.00 | 12.50 | 9.00 |
| 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 |
| | 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 | 14.50 | 12.00 | 8.20 |
| | TAM9 | 17.00 | 13.00 | 9.00 | 17.00 | 13.50 | 9.50 | 17.00 | 13.50 | 9.60 | 16.00 | 13.00 | 9.60 | 17.00 | 13.50 | 9.60 | 16.00 | 13.00 | 9.50 | 15.00 | 12.50 | 9.00 |

| 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 |
| 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 | 16.00 | 13.00 | 9.00 | 16.00 | 13.00 | 8.50 | NA | | | NA | | | NA | | | NA | | | NA | | |
| | 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 | 11.00 | 9.00 | 14.50 | 12.00 | 9.50 | 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 | 12.00 | 9.00 | 14.00 | 11.50 | 9.00 |
| | TAM9 | 16.00 | 13.00 | 9.50 | 16.00 | 13.50 | 9.50 | 16.00 | 13.00 | 9.00 | 16.00 | 13.00 | 10.00 | 15.00 | 12.50 | 9.50 | 15.00 | 12.00 | 9.50 | 14.00 | 11.50 | 9.00 |



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 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 17-2 Stage | | Gold 17 - Two Stage 17 SEER Heat Pump and Air Handler Ratings Summary (up to 17 SEER / 13.5 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 |
| 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 |
| | TAM9 | | | | 17.25 | 13.50 | 9.50 | | | | 17.75 | 13.00 | 9.00 | | | | 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) | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | TAM9 | | | | 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 19 AccuComfort™ | | Platinum 19 - SEER AccuComfort™ Variable Speed Heat Pump and Air Handler Ratings Summary (up to 19.5 SEER / 13.0 EER / 11.5 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 |
| TEM Air Handlers | TEM8 | | | | 19.50 | 13.00 | 11.00 | | | | 18.00 | 12.50 | 10.50 | | | | 19.00 | 12.50 | 11.00 | 18.00 | 10.50 | 10.75 |
| ForeFront™ Air Handlers | TAM9 | | | | 19.50 | 13.00 | 11.50 | | | | 17.75 | 12.50 | 11.00 | | | | 19.00 | 11.50 | 11.50 | 19.00 | 10.50 | 11.00 |

| 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) | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | 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 | TAM9 | | | | 19.25 | 13.75 | 10.00 | | | | 21.00 | 13.50 | 10.00 | | | | 19.25 | 12.50 | 10.00 | 19.00 | 12.70 | 10.00 |

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# 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 | Nom. Cap. Cooling (BTUH) | Uncrated Dimensions (in.) H | W | D | Shipping Weight (lbs.) | Sound** Rating (Cool) | (Heat) | MCA* | Max. Fuse* | Line Size (in) OD Gas | OD Liq. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4A6V0024A1000B | 208/230/1/60 | 24,200 | 41 | 33 | 30 | 216 | 57/65 | 60/69 | 17 | 25 | 5/8 | 3/8 |
| 4A6V0036A1000B | 208/230/1/60 | 35,000 | 41 | 37 | 34 | 254 | 59/70 | 60/72 | 26 | 40 | 3/4 | 3/8 |
| 4A6V0048A1000B | 208/230/1/60 | 47,000 | 41 | 37 | 34 | 266 | 57/74 | 62/76 | 29 | 45 | 7/8 | 3/8 |
| 4A6V0060A1000B | 208/230/1/60 | 54,500 | 45 | 37 | 34 | 276 | 57/73 | 61/74 | 37 | 50 | 1 1/8 | 3/8 |

Platinum 19
(Variable Speed)

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

| Model Number | Power Supply | Nom. Cap. Cooling (BTUH) | Uncrated Dimensions (in.) H | W | D | Shipping Weight (lbs.) | Sound** Rating (Cool) | (Heat) | MCA* | Max. Fuse* | Line Size (in) OD Gas | OD Liq. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4A6L9024A1000A① | 208/230/1/60 | 23600 | 37 | 47 | 18 | 229 | 50 | 49 | 19.1 | 25 | 5/8 | 3/8 |
| 4A6L9036A1000A① | 208/230/1/60 | 35600 | 37 | 47 | 18 | 250 | 48 | 49 | 26.9 | 30 | 3/4 | 3/8 |
| 4A6L9048A1000A① | 208/230/1/60 | 47000 | 43 | 47 | 18 | 269 | 54 | 52 | 31.8 | 35 | 7/8 | 3/8 |
| 4A6L9060A1000A① | 208/230/1/60 | 58600 | 43 | 47 | 18 | 269 | 56 | 57 | 36.1 | 40 | 7/8 | 3/8 |

Platinum 18
(Variable Speed)

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

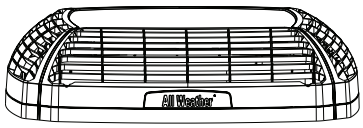
| Model Number | Power Supply | Nom. Cap. Cooling (BTUH) | Uncrated Dimensions (in.) H | W | D | Shipping Weight (lbs.) | Sound** Rating (Cool) | (Heat) | MCA* | Max. Fuse* | Line Size (in) OD Gas | OD Liq. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 4A6V8024A1000B | 208/230/1/60 | 23,800 | 41 | 33 | 30 | 225 | 54/65 | 60/69 | 17 | 25 | 5/8 | 3/8 |
| 4A6V8036A1000B | 208/230/1/60 | 35,000 | 41 | 33 | 30 | 238 | 56/70 | 60/74 | 25 | 35 | 3/4 | 3/8 |
| 4A6V8037A1000B | 208/230/1/60 | 35,000 | 41 | 37 | 34 | 263 | 56/70 | 60/74 | 26 | 40 | 3/4 | 3/8 |
| 4A6V8048A1000B | 208/230/1/60 | 47,000 | 41 | 37 | 34 | 268 | 61/74 | 62/76 | 28 | 40 | 7/8 | 3/8 |
| 4A6V8049A1000B | 208/230/1/60 | 47,000 | 41 | 37 | 34 | 275 | 61/74 | 62/76 | 29 | 45 | 7/8 | 3/8 |
| 4A6V8060A1000B | 208/230/1/60 | 54,000 | 45 | 37 | 34 | 285 | 57/73 | 61/74 | 37 | 50 | 1 1/8 | 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: 4TWL9036A1COTA These models have an 8 week lead time after order.

② Must use TCONT850, TZONE950 or TZON1050 control.

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

** Rated in accordance with ARI Standard 275




### ALL WEATHER™ TOP ACCESSORY

BAYAWGR0003 - Fits base sizes 33"x30" (WxD)
BAYAWGR0004 - Fits base sizes 37"x34" (WxD)

Split System Heat Pumps

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



Effective 1/1/21
14-1011-38

# 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 | 19.50 | 18.00 |
| • HSPF up to | 10.00 | 12.00 | 10.00 |
| • **Duration™** compressor | 1 | 1 | 1 |
| • Number of stages | Variable | Variable | Variable |
| • **Comfort-R™** mode approved | ✔ | ✔ | ✔ |
| • **AccuLink™** system | ✔ | ✔ | ✔ |
| • **DuraBase™** base, fast complete drain, weatherproof | ✔ | — | ✔ |
| • **Easy-Sess™** cabinet, service access & refrigerant connections with full coil protection | ✔ | — | ✔ |
| • **Spine Fin™** coil | ✔ | — | ✔ |
| • Compressor sound enclosure | ✔ | ✔ | ✔ |
| • Compressor sump heat | ✔ | ✔ | ✔ |
| • Factory supplied charge | R-410A | 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 | ✔ | ✔ | ✔ |
| • Seacoast shield - factory installed | ✔ | — | — |
| • Spinnaker gray cabinet | ✔ | ✔ | ✔ |
| • 10-year limited warranty on compressor, outdoor coil & all other functional parts | — | ✔ | — |
| • **12-year limited warranty on compressor, 10-year on outdoor coil & all other functional parts** | ✔ | — | ✔ |
| • **Extended warranties available** | ✔ | ✔ | ✔ |

## 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 | ✔ | ✔ | ✔ |
| BAYVDTA003 | Vertical Discharge Air Kit Base 3 | 10 | 2 | — | — |
| BAYVDTA004 | Vertical Discharge Air Kit Base 4 | 10 | 3-5 | — | — |
| BAYSEAC001 | Seacoast Kit | 1 | — | — | ✔ |
| BAYWIND103 | Wind Baffle Kit | 5 | — | ✔ | — |
| BAYSDHG003A | Hail Guard Kit 4.3 | 5 | — | 2-3 | — |
| BAYSDHG004A | Hail Guard Kit 4.4 | 5 | — | 4-5 | — |
| PAI00309① | Heresite Spraypaint | 1 | ✔ | ✔ | ✔ |
| BRK05033② | Wall Mount Kit | | — | ✔ | — |
| BAYAWGR0004 | **All Weather™ Top** - Fits unit base size of (W x D) of 37" X 34" | | 036-060 | — | 037-060 |
| BAYAWGR0003 | **All Weather™ Top** - Fits unit base size of (W x D) of 33" X 30" | | 024 | — | 024-036 |

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

① Used for additional seacoast corrosion protection. Refer to bulletin number UN-SVB11A-EN for application information.
② Available from Trane Parts.

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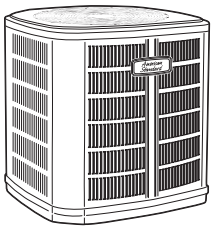
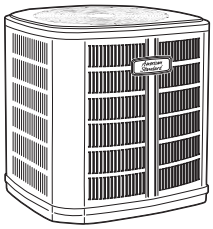
# Split System Heat Pumps Single Phase – 1½-5 Tons



Gold 17
(Two Stage)

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

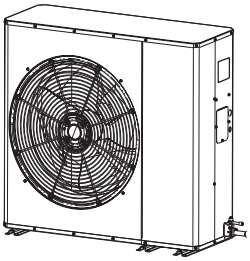
| Model Number | Power Supply | Nom. Cap. Cooling (BTUH) | Uncrated Dimensions (in.) H | W | D | Shipping Weight (lbs.) | Sound** Rating | MCA* | Max. Fuse* | Line Size (in) OD Gas | OD Liq. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4A6H7024A1000D | 208/230/1/60 | 24,000 | 41 | 37 | 34 | 272 | 72 | 15 | 25 | 5/8 | 3/8 |
| 4A6H7036B1000D | 208/230/1/60 | 36,000 | 41 | 37 | 34 | 274 | 72 | 20 | 35 | 3/4 | 3/8 |
| 4A6H7048A1000D | 208/230/1/60 | 48,000 | 45 | 37 | 34 | 329 | 73 | 28 | 45 | 7/8 | 3/8 |
| 4A6H7060A1000D | 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.) H | W | D | Shipping Weight (lbs.) | Sound** Rating | MCA* | Max. Fuse* | Line Size (in) OD Gas | OD Liq. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4A6H6018H1000A | 208/230/1/60 | 18,800 | 33 | 33 | 30 | 208 | 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 SideDischarge Single Stage Heat Pump

| Model Number | Power Supply | Nom. Cap. Cooling (BTUH) | Uncrated Dimensions (in.) H | W | D | Shipping Weight (lbs.) | Sound** Rating | MCA* | Max. Fuse* | Line Size (in) 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).



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



Effective 1/1/21
14-1011-38

# 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 |
| • **Duration™** compressor | ✔ | ✔ | ✔ |
| • Number of stages | 2 | 1 | 1 |
| • **Comfort-R™** mode approved | ✔ | ✔ | ✔ |
| • **DuraBase™** base, fast complete drain, weatherproof | ✔ | ✔ | — |
| • **Easy-Sess™** cabinet, service access & refrigerant connections with full coil protection | ✔ | ✔ | — |
| • **Spine Fin™** coil | ✔ | ✔ | — |
| • **Copper Tube Aluminum Fin** 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 | ✔ | ✔ | ✔ |
| • **12-year limited warranty on compressor, 10-year on outdoor coil & all other functional parts** | ✔ | — | — |
| • **10-year limited warranty on compressor, outdoor coil & all other functional parts** | — | ✔ | ✔ |
| • **Extended warranties available** | ✔ | ✔ | ✔ |

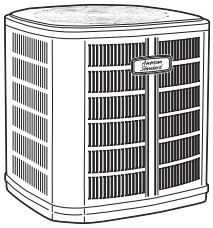
**Table SH-6-B — Optional Accessories**

| 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 | ✔ | ✔ |
| 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 | ✔ | ✔ | ✔ |
| TAYASCT501A①② | Anti-Short Cycle Timer | 2 | ✔ | ✔ | — |
| BAYSDEN004 | Large Scroll Compressor Enclosures | 8 | ✔ | ✔ | ✔ |
| BAYSEAC001 | Seacoast Kit | 1 | ✔ | ✔ | — |
| BAYSDHG001A | Hail Guard Kit 3.2 | 5 | — | — | 1½-2 |
| BAYSDHG003A | Hail Guard Kit 4.3 | 5 | — | — | 2½-3½ |
| BAYSDHG004A | Hail Guard Kit 4.4 | 5 | — | — | 4-5 |
| BAYWIND102 | Wind Baffle | | — | — | 1½-2 |
| BAYWIND103 | Wind Baffle | | — | — | 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 | — |
| PAI00309③ | Heresite Spraypaint | 1 | ✔ | ✔ | ✔ |
| BRK05033④ | Wall Mount Kit | | — | — | ✔ |
| BAYAWGR0004 | **All Weather™ Top** - Fits unit base size of (W x D) of 37" X 34" | | ✔ | 030-060 | — |
| BAYAWGR0003 | **All Weather™ Top** - Fits unit base size of (W x D) of 33" X 30" | | — | 018-024 | — |

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

① Do not use with programmable thermostats.
② Activated on Power Off.
③ Used for additional seacoast corrosion protection. Refer to bulletin number UN-SVB11A-EN for application information.
④ Available from Trane Parts.

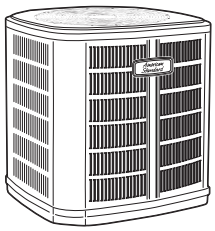
# Split System Heat Pumps Single Phase – 1½-5 Tons



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.) H | W | D | Shipping Weight (lbs.) | Sound** Rating | MCA* | Max. Fuse* | Line Size (in) 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.) H | W | D | Shipping Weight (lbs.) | Sound** Rating | MCA* | Max. Fuse* | Line Size (in) 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.

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

| Table SH-8-A — Features | Silver 15 (4A6H5) | Silver 14 (4A6H4) |
|---|---|---|
| • SEER up to | 15.75 | 14.50 |
| • HSPF up to | 9.50 | 8.50 |
| • **Duration™** compressor | ✔ | ✔ |
| • **Comfort-R™** mode approved | ✔ | ✔ |
| • **DuraBase™** base, fast complete drain, weatherproof | ✔ | ✔ |
| • **Easy-Sess™** cabinet, service access & refrigerant connections with full coil protection | ✔ | ✔ |
| • **Spine Fin™** coil | ✔ | ✔ |
| • 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 | ✔ | ✔ |
| • **10-year limited warranty on compressor, outdoor coil & all other functional parts** | ✔ | ✔ |
| • **Extended warranties available** | ✔ | ✔ |

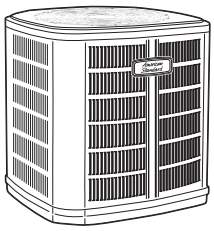
**Table SH-8-B — Optional Accessories**

| 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 | 1½-4 | 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 | ✔ | ✔ |
| TAYASCT501A①② | Anti-Short Cycle Timer | 2 | ✔ | ✔ |
| BAYSDEN001 | Small Scroll Compressor Enclosures | 8 | 5018, 2½ | 1½-3½ |
| BAYSDEN004 | Large Scroll Compressor Enclosures | 8 | 5019-2, 3-5 | 4-5 |
| 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 | 3½-5 | 5 |
| PAI00309③ | Heresite Spraypaint | 1 | ✔ | ✔ |
| BAYAWGR0004 | **All Weather™ Top** - Fits unit base size of (W x D) of 37" X 34" | | 030-060 | 030-060 |
| BAYAWGR0003 | **All Weather™ Top** - Fits unit base size of (W x D) of 33" X 30" | | 019-024 | 024 |

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

① Do not use with programmable thermostats.
② Activated on Power Off.
③ Used for additional seacoast corrosion protection. Refer to bulletin number UN-SVB11A-EN for application information.

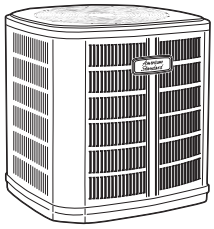
# Split System Heat Pumps Three Phase



Gold 17
(Two Stage)
3-Phase

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

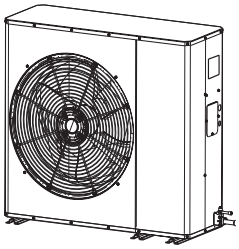
| Model Number | Power Supply | Nom. Cap. Cooling (BTUH) | Uncrated Dimensions (in.) H | W | D | Shipping Weight (lbs.) | Sound** Rating | MCA* | Max. Fuse* | Line Size (in) OD Gas | OD Liq. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4A6C7036A3000A | 208/230/3/60 | 36,000 | 45 | 37 | 34 | | 307 | 72 | 15 | 25 | ¾ | ⅜ |
| 4A6C7048A3000A | 208/230/3/60 | 46,500 | 45 | 37 | 34 | | 323 | 73 | 18 | 30 | ⅞ | ⅜ |
| 4A6C7060A3000A | 208/230/3/60 | 58,500 | 45 | 37 | 34 | | 326 | 74 | 22 | 35 | 1⅛ | ⅜ |
| 4A6C7036A4000A | 460/3/60 | 36,000 | 45 | 37 | 34 | | 307 | 72 | 8 | 15 | ¾ | ⅜ |
| 4A6C7048A4000A | 460/3/60 | 46,500 | 45 | 37 | 34 | | 323 | 73 | 9 | 15 | ⅞ | ⅜ |
| 4A6C7060A4000A | 460/3/60 | 58,500 | 45 | 37 | 34 | | 326 | 74 | 10 | 15 | 1⅛ | ⅜ |



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.) H | W | D | Shipping Weight (lbs.) | Sound** Rating | MCA* | Max. Fuse* | Line Size (in) OD Gas | OD Liq. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4A6C4036A3000A | 208/230/3/60 | 36,800 | 29 | 37 | 34 | 248 | 75 | 13 | 20 | ⅞ | ⅜ |
| 4A6C4042A3000A | 208/230/3/60 | 41,500 | 29 | 37 | 34 | 248 | 74 | 18 | 20 | ⅞ | ⅜ |
| 4A6C4048A3000A | 208/230/3/60 | 47,500 | 33 | 37 | 34 | 300 | 74 | 18 | 30 | ⅞ | ⅜ |
| 4A6C4060A3000A | 208/230/3/60 | 55,500 | 45 | 37 | 34 | 301 | 74 | 21 | 35 | 1⅛ | ⅜ |
| 4A6C4036A4000A | 460/3/60 | 35,600 | 29 | 37 | 34 | 248 | 75 | 6 | 15 | ⅞ | ⅜ |
| 4A6C4042A4000A | 460/3/60 | 42,000 | 29 | 37 | 34 | 248 | 74 | 8 | 15 | ⅞ | ⅜ |
| 4A6C4048A4000A | 460/3/60 | 47,500 | 33 | 37 | 34 | 300 | 74 | 8 | 15 | ⅞ | ⅜ |
| 4A6C4060A4000A | 460/3/60 | 55,000 | 45 | 37 | 34 | 301 | 74 | 9 | 15 | 1⅛ | ⅜ |



Silver 16
(Single Stage)

## Table SH-9-C — Silver 16 R-410A Side Discharge Single Stage Heat Pump — Three Phase

| Model Number | Power Supply | Nom. Cap. Cooling (BTUH) | Uncrated Dimensions (in.) H | W | D | Shipping Weight (lbs.) | Sound** Rating | MCA* | Max. Fuse* | Line Size (in) OD Gas | OD Liq. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4A6S6036A3000A① | 208/230/3/60 | 36000 | 36 | 47 | 18 | 225 | 73 | 11 | 15 | ⅞ | ⅜ |
| 4A6S6048A3000A① | 208/230/3/60 | 48000 | 42 | 47 | 18 | 266 | 76 | 18 | 30 | ⅞ | ⅜ |
| 4A6S6060A3000A① | 208/230/3/60 | 56000 | 42 | 47 | 18 | 267 | 76 | 16 | 25 | ⅞ | ⅜ |
| 4A6S6036A4000A① | 460/3/60 | 36000 | 36 | 47 | 18 | 225 | 73 | 5 | 15 | ⅞ | ⅜ |
| 4A6S6048A4000A① | 460/3/60 | 48000 | 42 | 47 | 18 | 266 | 76 | 8 | 15 | ⅞ | ⅜ |
| 4A6S6060A4000A① | 460/3/60 | 56000 | 42 | 47 | 18 | 267 | 76 | 9 | 15 | ⅞ | ⅜ |

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: 4A6S6036A3COTA 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 and Three Phase

| Table SH-10-A — Features | Gold 17 (4A6C7) | Silver 14 (4A6C4) | Silver 16 (4A6S6) |
|---|---|---|---|
| • SEER up to | 17.5 | 15.5 | 16.0 |
| • HSPF up to | 9.60 | 9.50 | 10.0 |
| • **Duration™** compressor | ✔ | ✔ | ✔ |
| • **Comfort-R™** mode approved | ✔ | ✔ | ✔ |
| • **DuraBase™** base, fast complete drain, weatherproof | ✔ | ✔ | — |
| • **Easy-Sess™** cabinet, service access & refrigerant connections with full coil protection | ✔ | ✔ | — |
| • **Spine Fin™** coil | ✔ | ✔ | — |
| • **Copper/Aluminum** coil | — | — | ✔ |
| • Compressor sump heat - factory installed | ✔ | ✔ | ✔ |
| • Refrigerant | R-410A | 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 | ✔ | ✔ | ✔ |
| • Tarpaulin gray cabinet | — | — | ✔ |
| • **5-year basic limited warranty on compressor, 1-year on outdoor coil & all other functional parts (Commercial Use)** | ✔ | ✔ | ✔ |
| • **10-year limited warranty on compressor, outdoor coil & all other functional parts (Residential Use)** | — | — | ✔ |
| • **Extended warranties available** | ✔ | ✔ | ✔ |

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

| Model Number | Description | Shipping Weight | | | |
|---|---|---|---|---|---|
| AY28X084 | Evaporator Defrost Control HP | 1 | ✔ | ✔ | ✔ |
| 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 | ✔ | ✔ | — |
| BAYSDEN001 | Small Scroll Compressor Enclosures | 8 | — | 3-3½ | — |
| BAYSDEN004 | Large Scroll Compressor Enclosures | 8 | ✔ | 4-5 | 4,5 |
| BAYSEAC001 | Seacoast Kit | 1 | ✔ | ✔ | — |
| TAYASCT501A①② | Anti-short cycle timer | 2 | ✔ | 4 | — |
| PAI00309③ | Heresite Spraypaint | 1 | ✔ | — | ✔ |
| AAYSVPANL0032AA | Service Valve Panel Cover Kit | 2 | — | 3-3½ | — |
| ATAYSVPANL0046AA | Service Valve Panel Cover Kit | 2 | 3-5 | 5 | — |
| AAYSVPANL3343AA | Service Valve Panel Cover Kit | 2 | — | 4 | — |
| BRK05033④ | Wall Mount Kit | | — | — | ✔ |
| BAYTWGR0004 | **All Weather™ Top** - Fits unit base size of (W x D) of 37" X 34" | | ✔ | ✔ | — |
| BAYSDHG003A | Hail Guard Kit 4.3 | | — | — | ✔ |
| BAYSDHG004A | Hail Guard Kit 4.4 | | — | — | ✔ |

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

① Do not use with programmable thermostats.
② Activated on Power Off.
③ Used for additional seacoast corrosion protection. Refer to bulletin number UN-SVB11A-EN for application information.
④ Available from Trane Parts.

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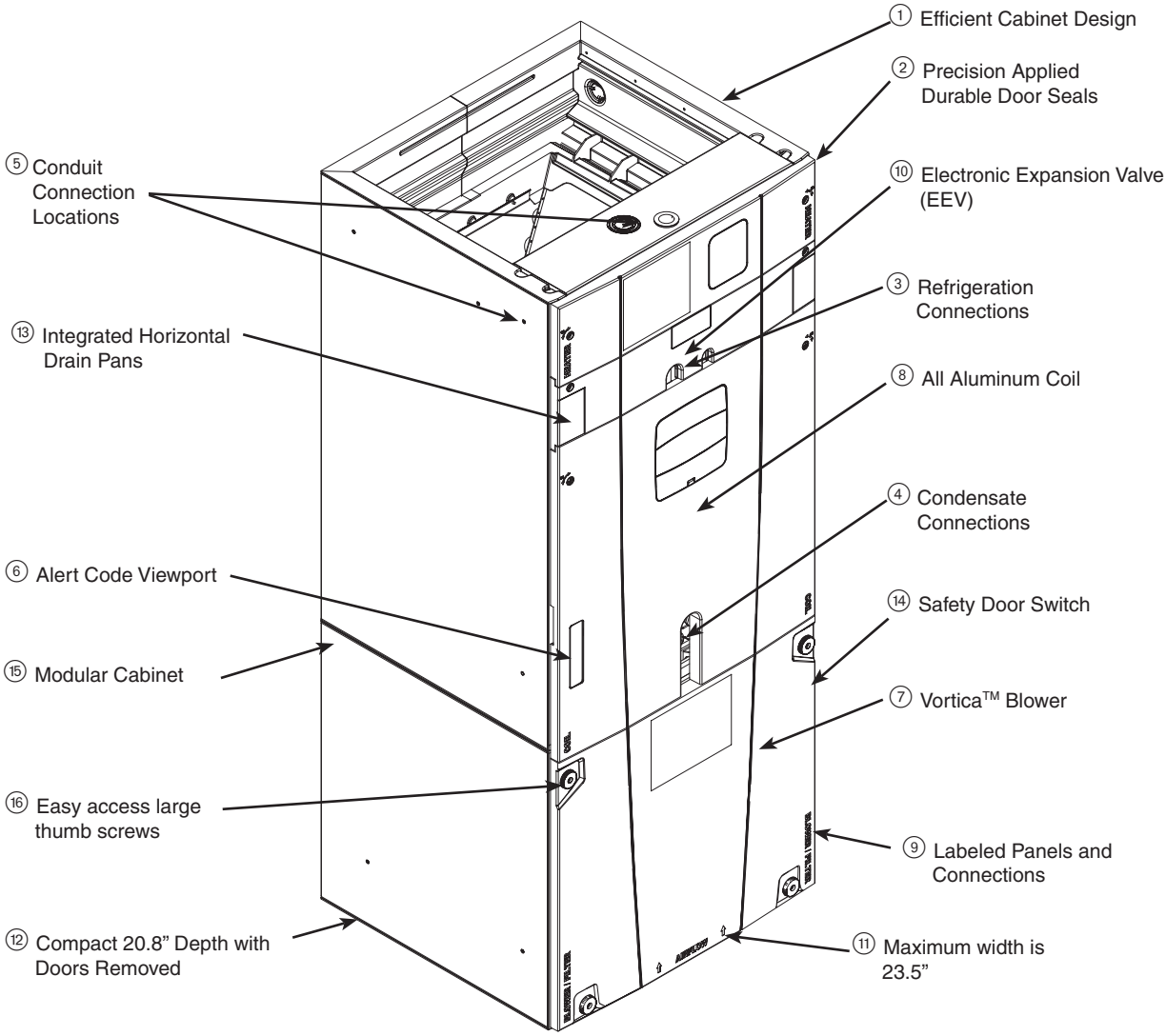
# Features and Benefits




① Efficient 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

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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# Forefront TAM9 Variable Speed Multi-Position Air-Tite™ Air Handlers 2-5 Tons

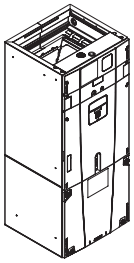

**Table AH-2-A — AccuLink™ II or 24V Variable Speed R-410A with Smart Fan Options 200-230/1/60, Epoxy Coated Coil**

| Model Number | Cooling Capacity (Btuh) | Dimensions (in.) H x W x D | Shipping Weight (lbs.) | Supply Opening | Return Opening | Filter Sizes | Line Size (in) Gas | Line Size (in) 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 |

| **Table AH-2-B — Features** | TAM9 2-5 |
|---|---|
| • Efficient 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) | ✔ |
| • UVC light kit with safety switch and polarized plug connections (sold as accessory) | ✔ |
| • Control board protection pocket built into cabinet wall | ✔ |
| • Alert port to view control board codes without door removal | ✔ |
| • **ComfortLink™ 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) | ✔ |
| • 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 | ✔ |
| • **Comfort R™** mode | ✔ |
| • Built in fan delay modes | ✔ |
| • Maximum width of 23.5" | ✔ |
| • Compact 20.8" depth with doors removed | ✔ |
| • Fused 24v power | ✔ |
| • Safety door switch | ✔ |
| • **10-year limited warranty/parts/No Registration Required** | ✔ |
| • **10-year limited warranty/coil/No Registration Required** | ✔ |



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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# Forefront TAM9 Variable Speed Multi-Position Air-Tite™ Air Handlers 2-5 Tons

**Table AH-3-A — Optional Accessories**

| Model Number | Description | Matches Cabinet Size(s) | TAM9 |
|---|---|---|---|
| BAYWAAA05SC1AA | Hydronic Heater, Slide In, 40,000 BTUH, Nominal③ | A | ✔ |
| BAYWABB07SC1AA | Hydronic Heater, Slide In, 50,000 BTUH, Nominal③ | B | ✔ |
| BAYWACC08SC1AA | Hydronic Heater, Slide In, 65,000 BTUH, Nominal③ | C | ✔ |
| BAYWACC11SC1AA | Hydronic Heater, 100,000 BTUH, Nominal, External Top Mount, No Control③ | C | ✔ |
| BAYWAKIT24VAC | Hydronic Heater Relay Kit | 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 | ✔ |
| BAYUVCLK001 | UVC Lights | | ✔ |
| 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 | ✔ |
| TASB175SB②⑤ | Plenum Stand with Integrated Sound Baffle A | A | ✔ |
| TASB215SB②⑤ | Plenum Stand with Integrated Sound Baffle B | B | ✔ |
| TASB235SB②⑤ | Plenum Stand with Integrated Sound Baffle C | C | ✔ |
| MTISRKIT1620② | 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 | ✔ |
| TASSBK175②④⑥ | Sound Baffle Kit 17.5" Cabinet | A | ✔ |
| TASSBK215②④⑥ | Sound Baffle Kit 21.5" Cabinet | B | ✔ |
| TASSBK235②④⑥ | Sound Baffle Kit 23.5" Cabinet | C | ✔ |
| BAYSPEKT200 | Single Power Entry Kit | | ✔ |
| TAYBASETAMA | Downflow Sub-Base Kit | A-C | ✔ |
| BAYICSKIT01 | Internal Condensate Switch Kit | | ✔ |
| BAYHHKIT001 | Horizontal Hanger Kit | | ✔ |
| BAYLVKIT100 | Low Voltage Conduit Entry Kit | | ✔ |
| BAYAHEMIKIT001 | Air handler Electronic Noise Kit used on Variable Speed Blower Motor | | ✔ |
| BAYBAFKT175A ⑦ | Sound Baffle Kit 17.5" Cabinet | A | ✔ |
| BAYBAFKT215A ⑦ | Sound Baffle Kit 21.5" Cabinet | B | ✔ |
| BAYBAFKT235A ⑦ | 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 17.5" through 23.5" Cabinet | A-C | ✔ |
| BAYCNDPIP01A | 3/4" PVC Threaded Pipe Kit with foam seal (10 kits) | | ✔ |

PHASING OUT

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 ACONT900 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.

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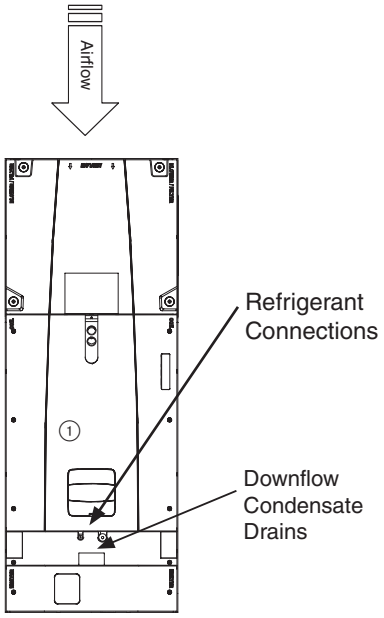
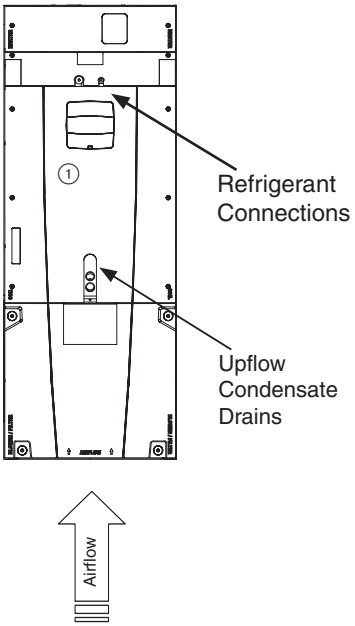
# Multi-position Air Handler

* Note: No internal modifications required for any position.

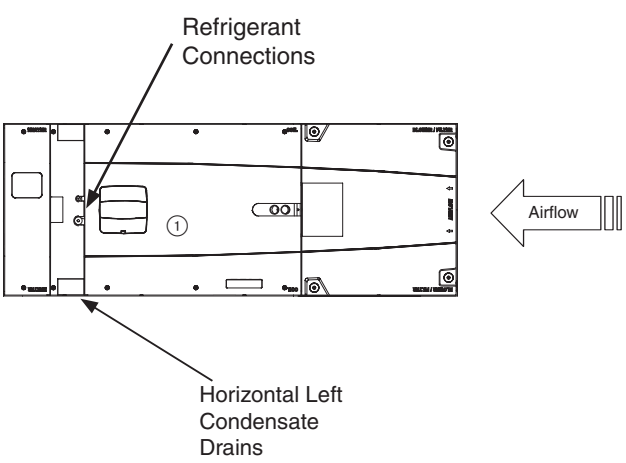
① Badge rotation will keep brand in correct position



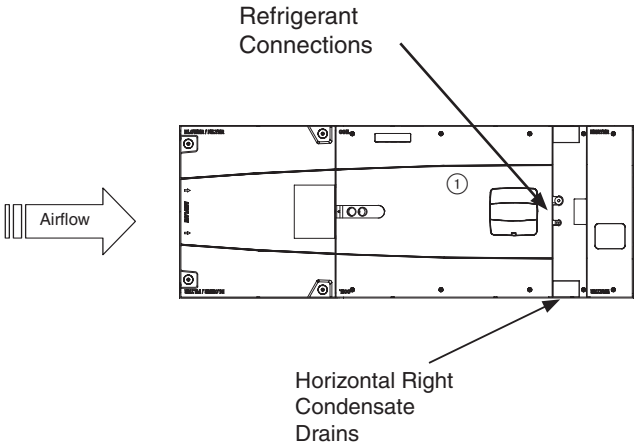

Vertical Downflow*




Vertical Upflow*
(as shipped)




Horizontal Left*




Horizontal Right*



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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# Forefront GAM5 Multi-Position Air Handlers Single Phase 1½-5 Tons

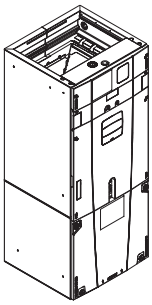

**Table AH-5-A — Multi-Speed High Efficiency Motor 200-230/1/60, Epoxy Coated Coil**

| Model Number | Cooling Capacity (Btuh) | Dimensions (in.) H x W x D | Shipping Weight (lbs.) | Supply Opening | Return Opening | Filter Sizes | Line Size (in) Gas | Line Size (in) 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 | 3/4 | 3/8 |
| 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 | 3/4 | 3/8 |
| 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 | 3/4 | 3/8 |
| 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 | 3/8 |
| 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 | 3/8 |
| 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 | 3/8 |
| 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 | 3/8 |

| Table AH-5-B — Features | GAM5 1 1/2-5 |
|---|---|
| • Efficient 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) | ✔ |
| • UVC light kit with safety switch and polarized plug connections (sold as accessory) | ✔ |
| • Low voltage pigtail connections | ✔ |
| • **Vortica®** 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) | ✔ |
| • 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 | ✔ |
| • **10-year limited warranty/parts/No Registration Required** | ✔ |
| • **10-year limited warranty/coil/No Registration Required** | ✔ |



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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# Forefront GAM5 Multi-Position Air Handlers Single Phase 1½-5 Tons

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

| Model Number | Description | Matches Cabinet Size(s) | 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, External Top Mount, No Control⑦ | 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 | ✔ |
| BAYUVCLK001 | UVC Lights | | ✔ |
| 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 | ✔ |
| TASB175SB②④ | Plenum Stand with Integrated Sound Baffle A | A | ✔ |
| TASB215SB②④ | Plenum Stand with Integrated Sound Baffle B | B | ✔ |
| TASB235SB②④ | Plenum Stand with Integrated Sound Baffle C | C | ✔ |
| MTISRKIT1620② | Side Return Kit with 16"x20" Filter | A-C | ✔ |
| TASSBK175②③⑤ | Sound Baffle Kit 17.5" Cabinet | A | ✔ |
| TASSBK215②③⑤ | Sound Baffle Kit 21.5" Cabinet | B | |
| TASSBK235②③⑤ | 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 | | ✔ |
| BAYLVKIT100A | Low Voltage Conduit Entry Kit | | ✔ |
| BAYAHEMIKIT001 | Air handler Electronic Noise Kit used on Variable Speed Blower Motor | | ✔ |
| BAYBAFKT175A ⑥ | Baffle Kit 17.5" Cabinet | A | ✔ |
| BAYBAFKT215A ⑥ | Baffle Kit 21.5" Cabinet | B | ✔ |
| BAYBAFKT235A ⑥ | 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 17.5" through 23.5" Cabinet | A-C | ✔ |
| BAYCNDPIP01A | 3/4" 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.
⑦ ACONT900 Thermostat can not be used with Hydronic heating.

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# ForeFront GAF2 Split System Air Handlers Single Phase 2-3 Tons

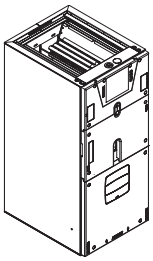


**Table AH-7-A — Multi-Speed PSC Motor 200-230/1/60, Epoxy Coated Coil**

| Model Number | Cooling Capacity (Btuh) | Dimensions (in.) H x W x D | Shipping Weight (lbs.) | Supply Opening | Return Opening | Filter Sizes | Line Size (in) Gas | Line Size (in) Liquid |
|---|---|---|---|---|---|---|---|---|
| GAF2A0A24S21EE | 24000 | 39.5 x 17.5 x 21.8 | 120 | 14.5 x 16.75 | 14.5 x 17.8 | N/A | 3/4 | 3/8 |
| GAF2A0A30S21EE | 30000 | 39.5 x 17.5 x 21.8 | 121 | 14.5 x 16.75 | 14.5 x 17.8 | N/A | 3/4 | 3/8 |

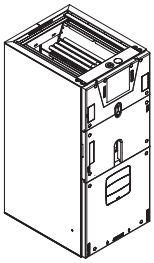


**Table AH-7-B — Multi-Speed High Efficiency ECM Motor 200-230/1/60, Epoxy Coated Coil ①**

| Model Number | Cooling Capacity (Btuh) | Dimensions (in.) H x W x D | Shipping Weight (lbs.) | Supply Opening | Return Opening | Filter Sizes | Line Size (in) Gas | Line Size (in) Liquid |
|---|---|---|---|---|---|---|---|---|
| GAF2A0A36M31EC | 36000 | 39.5 x 17.5 x 21.8 | 118 | 14.5 x 14.35 | 14.5 x 17.15 | N/A | 3/4 | 3/8 |

| Table AH-7-C — Features | GAF2 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 | ✔ |
| • **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 (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 | ✔ |
| • **10-year limited warranty/parts/No Registration Required** | ✔ |
| • **10-year limited warranty/coil/No Registration Required** | ✔ |



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



Effective 1/1/21
14-1011-38

# Forefront GAF2 Split System Air Handlers Single Phase 2-3 Tons

**Table AH-8-A — Optional Accessories**

| Model Number | Description | GAF2 ① |
|---|---|---|
| BAYATXV1836 | R-22 TXV conversion kit 1-1/2 to 3 ton | ✔ |
| BAYBRFBX100 | Bottom Return Filter Box | ✔ |
| BAYFRKIT100 | Front Return Kit | ✔ |
| BAYICSKIT01 | 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 PHASING OUT | ✔ |
| BAYINSKT235A | Sound Insulation Kit 17.5" through 23.5" Cabinet | ✔ |
| BAYCNDPIP01A | 3/4" 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.

# Heaters for Multi-Position Air Handlers

### Table AH-9-A — BAYEA — Heater, Standard, for Forefront TAM9 and GAM5 Air Handlers

| Heater Model Number | Capacity @ 240 Volts kW | Capacity @ 240 Volts BTUH | Capacity @ 208 Volts kW | Capacity @ 208 Volts BTUH | Rated Voltage | Control Stages | Number of Heater Racks | Number of Circuits | Heater Amps per Circuit 208 Volts | Heater Amps per Circuit 240Volt | Contains Circuit Breakers |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |

BK = Contains circuit breakers
LG = Contains lug connections

### Table AH-9-B — BAYEC — Heater, Compact, with Lugs, for GAF2 Air Handlers

| Heater Model Number | Capacity @ 240 Volts kW | Capacity @ 240 Volts BTUH | Capacity @ 208 Volts kW | Capacity @ 208 Volts BTUH | Rated Voltage | Control Stages | Number of Heater Racks | Number of Circuits | Heater Amps per Circuit 208 Volts | Heater Amps per Circuit 240Volt | Contains Circuit Breakers |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 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-9-C — BAYEA — Heater, 3-Phase, for Forefront TAM9 and GAM5 Air Handlers ①

| Heater Model Number | Capacity @ 240 Volts kW | Capacity @ 240 Volts BTUH | Capacity @ 208 Volts kW | Capacity @ 208 Volts BTUH | Rated Voltage | Control Stages | Number of Heater Racks | Number of Circuits | Heater Amps per Circuit 208 Volts | Heater Amps per Circuit 240Volt | Contains Circuit Breakers |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 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

# Heaters for Multi-Position Air Handlers

**Table AH-10-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 | — | — | — |
| TAM9A0B30V31 | Y | Y | Y | Y | Y | Y | Y | Y | Y | — | — |
| TAM9A0C36V31 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | — |
| TAM9A0C42V41 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | — |
| TAM9A0C48V41 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| TAM9A0C60V51 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| | | | | | | | | | | | |
| GAM5B0A18M11 | Y | Y | Y | Y | Y | Y | Y | Y | — | — | — |
| GAM5B0A24M21 | Y | Y | Y | Y | Y | Y | Y | Y | — | — | — |
| GAM5B0B30M21 | Y | Y | Y | Y | Y | Y | Y | Y | Y | — | — |
| GAM5B0B36M31 | Y | Y | Y | Y | Y | Y | Y | Y | Y | — | — |
| GAM5B0C42M31 | Y | Y | Y | Y | Y | Y | Y | Y | Y | — | — |
| GAM5B0C48M41 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| GAM5B0C60M51 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |

BK = Contains circuit breakers
LG = Contains lug connections

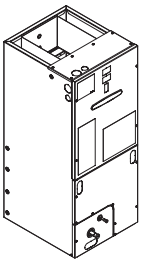
**Table AH-10-B — Air Handler/Heater Matrix (continued)**

| AIR HANDLER | 3 PHASE HEATER MODEL NUMBER BAYEA- | |
|---|---|---|
| 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 |

LG = Contains lug connections

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

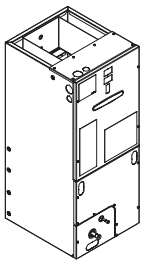
# TEM Split System Air Handlers Single Phase 1½-5 Tons



### Table AH-11-A — R-410A AccuLink™ II or 24V Variable Speed Air Handler 208-230/1/60

| Model Number | Cooling Capacity (Btuh) | Dimensions (in.) H x W x D | Shipping Weight (lbs.) | Supply Opening | Return Opening | Filter Sizes | Line Size (in) Gas | Line Size (in) Liquid |
|---|---|---|---|---|---|---|---|---|
| TEM8A0B24V21DB | 24000 | 46.75 x 18.5 x 21.13 | 126 | 16.5 x 12.15 | 16.75 x 18.75 | ① | 3/4 | 3/8 |
| TEM8A0B30V31DB | 30000 | 46.75 x 18.5 x 21.13 | 126 | 16.5 x 12.15 | 16.75 x 18.75 | ① | 3/4 | 3/8 |
| TEM8A0C36V31DB | 36000 | 51.27 x 23.5 x 21.13 | 155 | 21.5 x 12.15 | 21.75 x 18.75 | ① | 7/8 | 3/8 |
| TEM8A0C42V41DB | 42000 | 51.27 x 23.5 x 21.13 | 155 | 21.5 x 12.15 | 21.75 x 18.75 | ① | 7/8 | 3/8 |
| TEM8A0C48V41DB | 48000 | 55.75 x 23.5 x 21.13 | 185 | 21.5 x 12.15 | 21.75 x 18.75 | ① | 7/8 | 3/8 |
| TEM8A0D48V41DB | 48000 | 53.87 x 26.5 x 21.13 | 181 | 24.5 x 12.15 | 24.75 x 18.75 | ① | 7/8 | 3/8 |
| TEM8A0C60V51DB | 60000 | 55.75 x 23.5 x 21.13 | 185 | 21.5 x 12.15 | 21.75 x 18.75 | ① | 7/8 | 3/8 |
| TEM8A0D60V51DB | 60000 | 53.87 x 26.5 x 21.13 | 181 | 24.5 x 12.15 | 24.75 x 18.75 | ① | 7/8 | 3/8 |

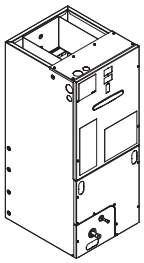
① Filter not supplied. Remote filter required.



### Table AH-11-B — R-410A Convertible Variable Speed Air Handler 208-230/1/60

| Model Number | Cooling Capacity (Btuh) | Dimensions (in.) H x W x D | Shipping Weight (lbs.) | Supply Opening | Return Opening | Filter Sizes | Line Size (in) Gas | Line Size (in) Liquid |
|---|---|---|---|---|---|---|---|---|
| TEM6A0B24H21SB | 24000 | 46.75 x 18.5 x 21.13 | 126 | 16.5 x 12.15 | 16.75 x 18.75 | ① | 3/4 | 3/8 |
| TEM6A0B30H21SB | 30000 | 46.75 x 18.5 x 21.13 | 126 | 16.5 x 12.15 | 16.75 x 18.75 | ① | 3/4 | 3/8 |
| TEM6A0C36H31SB | 36000 | 51.27 x 23.5 x 21.13 | 155 | 21.5 x 12.15 | 21.75 x 18.75 | ① | 7/8 | 3/8 |
| TEM6A0C42H41SB | 42000 | 51.27 x 23.5 x 21.13 | 155 | 21.5 x 12.15 | 21.75 x 18.75 | ① | 7/8 | 3/8 |
| TEM6A0C48H41SB | 48000 | 55.75 x 23.5 x 21.13 | 185 | 21.5 x 12.15 | 21.75 x 18.75 | ① | 7/8 | 3/8 |
| TEM6A0D48H41SB | 48000 | 53.87 x 26.5 x 21.13 | 181 | 24.5 x 12.15 | 24.75 x 18.75 | ① | 7/8 | 3/8 |
| TEM6A0C60H51SB | 60000 | 55.75 x 23.5 x 21.13 | 185 | 21.5 x 12.15 | 21.75 x 18.75 | ① | 7/8 | 3/8 |
| TEM6A0D60H51SB | 60000 | 53.87 x 26.5 x 21.13 | 181 | 24.5 x 12.15 | 24.75 x 18.75 | ① | 7/8 | 3/8 |

① Filter not supplied. Remote filter required.



### Table AH-11-C — R-410A Convertible Air Handler 208-230/1/60

| Model Number | Cooling Capacity (Btuh) | Dimensions (in.) H x W x D | Shipping Weight (lbs.) | Supply Opening | Return Opening | Filter Sizes | Line Size (in) Gas | Line Size (in) Liquid |
|---|---|---|---|---|---|---|---|---|
| TEM4A0B18S21SB | 18000 | 45.02 x 18.5 x 21.13 | 116 | 16.5 x 12.15 | 16.75 x 18.75 | ① | 3/4 | 3/8 |
| TEM4A0B24S21SB | 24000 | 45.02 x 18.5 x 21.13 | 116 | 16.5 x 12.15 | 16.75 x 18.75 | ① | 3/4 | 3/8 |
| TEM4A0B30S31SB | 30000 | 45.02 x 18.5 x 21.13 | 116 | 16.5 x 12.15 | 16.75 x 18.75 | ① | 3/4 | 3/8 |
| TEM4A0B36S31SB | 36000 | 45.02 x 18.5 x 21.13 | 116 | 16.5 x 12.15 | 16.75 x 18.75 | ① | 3/4 | 3/8 |
| TEM4A0C37S31SB | 36000 | 51.27 x 23.5 x 21.13 | 145 | 21.5 x 12.15 | 21.75 x 18.75 | ① | 7/8 | 3/8 |
| TEM4A0C42S41SB | 42000 | 51.27 x 23.5 x 21.13 | 145 | 21.5 x 12.15 | 21.75 x 18.75 | ① | 7/8 | 3/8 |
| TEM4A0C48S41SB | 48000 | 51.27 x 23.5 x 21.13 | 145 | 21.5 x 12.15 | 21.75 x 18.75 | ① | 7/8 | 3/8 |
| TEM4A0C60S51SB | 60000 | 51.27 x 23.5 x 21.13 | 145 | 21.5 x 12.15 | 21.75 x 18.75 | ① | 7/8 | 3/8 |
| TEM4A0B19M21SA | 24000 | 45.02 x 18.5 x 21.13 | 116 | 16.5 x 12.15 | 16.75 x 18.75 | ① | 3/4 | 3/8 |
| TEM4A0B31M31SA | 30000 | 46.75 x 18.5 x 21.13 | 126 | 16.5 x 12.15 | 16.75 x 18.75 | ① | 3/4 | 3/8 |
| TEM4A0C43M41SA | 42000 | 51.27 x 23.5 x 21.13 | 155 | 21.5 x 12.15 | 21.75 x 18.75 | ① | 7/8 | 3/8 |
| TEM4A0C49M41SA | 48000 | 55.75 x 23.5 x 21.13 | 185 | 21.5 x 12.15 | 21.75 x 18.75 | ① | 7/8 | 3/8 |
| TEM4A0C61M51SA | 60000 | 55.75 x 23.5 x 21.13 | 185 | 21.5 x 12.15 | 21.75 x 18.75 | ① | 7/8 | 3/8 |

① Filter not supplied. Remote filter required.

BUILT TO A HIGHER STANDARD®

American Standard®
HEATING & AIR CONDITIONING

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

| Table AH-12-A — Features | TEM8 2-5 | TEM6 2-5 | TEM4 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) | — | — | ✔① |
| • PSC Motor | — | — | ✔② |
| • 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 | ✔ | ✔ | ✔ |
| • **10-year limited warranty/parts/No Registration Required** | ✔ | ✔ | ✔ |
| • **10-year limited warranty/coil/No Registration Required** | ✔ | ✔ | ✔ |

① For TEM4: direct drive, multi speed ECM blower motor - Constant torque ECM 19, 31, 43, 49, 61
② For TEM4: PSC Motor 1½-3

**Table AH-12-B — Optional Accessories**

| Model Number | Description | Matches Cabinet Size(s) | TEM8 | TEM6 | TEM4 |
|---|---|---|---|---|---|
| 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 | | 4-5② | 4-5② | — |
| BAYATXV1836B | R-22 TXV conversion kit | | — | — | 1½-2½ |
| BAYATXV4248B | R-22 TXV conversion kit | | — | — | 3-4 |
| BAYATXV6161B | R-22 TXV conversion kit | | 4-5③ | 4-5③ | 5 |

① Downflow condensate management kit is required for 5 Ton downflow models.
② TEM6A0D48, TEM6A0D60, TEM8A0D48, TEM8A0D60
③ TEM6A0C48, TEM6A0C60, TEM8A0C48, TEM8A0C60

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



Effective 1/1/21
14-1011-38

# Heaters for TEM Split System Air Handlers

### Table AH-13-A — BAYHTR15 — Heater, Standard, for TEM Air Handlers

| Heater Model Number | Capacity @ 240 Volts kW | Capacity @ 240 Volts BTUH | Capacity @ 208 Volts kW | Capacity @ 208 Volts BTUH | Rated Voltage | Control Stages | Number of Heater Racks | Number of Circuits | Heater Amps per Circuit 208 Volts | Heater Amps per Circuit 240Volt | Contains Circuit Breakers |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BAYHTR1504BRKC | 3.84 | 13100 | 2.88 | 9800 | 208/240/1/60 | 1 | 1 | 1 | 13.8 | 16 | Yes |
| 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 |
| 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 |
| 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 |
| 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-13-B — BAYHTR35 — Heater, 3-Phase, for TEM Air Handlers ①

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

BRK = Contains circuit breakers
LUG = Lug connections
① 3-Phase - W1 and W2 must be jumpered at low voltage connector

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

### Table AH-14-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<br>TEM8A0B30V31DB<br>TEM6A0B24H21SB<br>TEM6A0B30H21SB | Y | Y | Y | Y | Y | - | - | Y | Y |
| TEM8A0C36V31DB<br>TEM8A0C42V41DB<br>TEM6A0C36H31SB<br>TEM6A0C42H41SB | Y | Y | Y | Y | Y | Y | - | Y | Y |
| TEM8A0C48V41DB<br>TEM8A0C60V51DB<br>TEM6A0C48H41SB<br>TEM6A0C60H51SB | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| TEM8A0D48V41DB<br>TEM8A0D60V51DB<br>TEM6A0D48H41SB<br>TEM6A0D60H51SB | Y | Y | Y | Y | Y | Y | Y | Y | Y |

### Table AH-14-B — TEM4 Air Handler and Heater matches

| TEM4 HEATER MATRIX | | | | | |
|---|---|---|---|---|---|
| AIR HANDLER | HEATER MODEL NUMBER | | | | |
| MODEL NUMBER | BAYHTR1504BRKC<br>BAYHTR1504LUGB<br>3.84 Kw<br>BK<br>BAYHTR1505BRKC<br>BAYHTR1505LUGB<br>4.80 Kw<br>BK | BAYHTR1508BRKC<br>BAYHTR1508LUGB<br>7.68 Kw<br>BK<br>BAYHTR1510BRKC<br>BAYHTR1510LUGB<br>BAYHTR3510LUGC<br>9.60 Kw<br>BK | BAYHTR1517BRKA<br>BAYHTR3517LUGA<br>14.40 Kw<br>BK | BAYHTR1523BRKA<br>19.20 Kw<br>BK | BAYHTR1525BRKA<br>24.00 Kw<br>BK |
| TEM4A0B18S21SB<br>TEM4A0B24S21SB | Y | Y | - - | - - | - - |
| TEM4A0B30S31SB<br>TEM4A0B36S31SB | Y | Y | Y | - - | - - |
| TEM4A0C37S31SB<br>TEM4A0C42S41SB | Y | Y | Y | Y | - - |
| TEM4A0C48S41SB | Y | Y | Y | Y | Y |
| TEM4A0C60S51SB | Y | Y | Y | Y | Y |
| TEM4A0B19M21SAA | Y | Y | - - | - - | - - |
| TEM4A0B31M31SAA | Y | Y | Y | - - | - - |
| TEM4A0C43M41SAA | Y | Y | Y | Y | - - |
| TEM4A0C49M41SAA | Y | Y | Y | Y | Y |
| TEM4A0C61M51SA | Y | Y | Y | Y | Y |

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# TMM Wall, Stud, or Over the Water Heater Mount Air Handlers Single Phase 1½-3 Tons

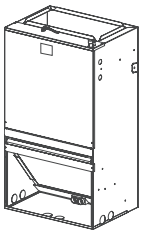

**Table AH-15-A — TMM5 R-410A Wall, Stud, or Over the Water Heater Mount Air Handler 208-230/1/60, ECM Motor, Factory installed R-410A TXV, all aluminum coil, Cooling & Limited Heating**

| Unit Model No. | Cooling Capacity (Btuh) | Dimensions (in.) H x W x D | Shipping Weight (lbs.) | Supply Opening | Filter Sizes | Line Size Gas | Line Size Liquid |
|---|---|---|---|---|---|---|---|
| TMM5B0A24M21SA | 24000 | 36.5 x 20.5 x 15.0 | 93 | 15 x 9.5 | ① | 3/4 | 3/8 |
| TMM5B0B30M21SA | 30000 | 39.5 x 22.0 x 19.0 | 115 | 19 x 9.5 | ① | 3/4 | 3/8 |
| TMM5B0B36M31SA | 36000 | 39.5 x 22.0 x 19.0 | 115 | 19 x 9.5 | ① | 3/4 | 3/8 |

**Table AH-15-B — TMM4 R-410A Wall, Stud, or Over the Water Heater Mount Air Handler 208-230/1/60, PSC Motor, Factory installed R-410A orifice, all aluminum coil, Cooling & Heating**

| Unit Model No. | Cooling Capacity (Btuh) | Dimensions (in.) H x W x D | Shipping Weight (lbs.) | Supply Opening | Filter Sizes | Line Size Gas | Line Size Liquid |
|---|---|---|---|---|---|---|---|
| TMM4B0A18S21SA | 18000 | 36.5 x 20.5 x 15.0 | 97 | 15 x 9.5 | ① | 3/4 | 3/8 |
| TMM4B0A24S21SA | 24000 | 36.5 x 20.5 x 15.0 | 97 | 15 x 9.5 | ① | 3/4 | 3/8 |
| TMM4B0B30S21SA | 30000 | 39.5 x 22.0 x 19.0 | 119 | 19 x 9.5 | ① | 3/4 | 3/8 |
| TMM4B0B36S31SA | 36000 | 39.5 x 22.0 x 19.0 | 119 | 19 x 9.5 | ① | 3/4 | 3/8 |

① Filter not supplied. Remote filter required.

**Table AH-15-C — TMM5 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 | Line Size 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 |

PHASING OUT

**Table AH-15-D — 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 | Line Size 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 |

PHASING OUT

① Filter not supplied. Remote filter required.

| Table AH-15-E — Features | TMM5B 2-3 | TMM4B 1-1/2-3 | TMM5A 2-3 | TMM4A 1-1/2-3 |
|---|---|---|---|---|
| • Painted metal cabinet with captured foil face insulation | ✔ | ✔ | ✔ | ✔ |
| • 2% or less air leakage | ✔ | ✔ | ✔ | ✔ |
| • All aluminum coil | ✔ | ✔ | — | — |
| • 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) | ✔ | ✔ | ✔ | ✔ |
| • **10-year limited warranty/parts/No Registration Required** | ✔ | ✔ | ✔ | ✔ |
| • **10-year limited warranty/coil/No Registration Required** | ✔ | ✔ | ✔ | ✔ |

PHASING OUT

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



Effective 1/1/21
14-1011-38

# TMM Wall, Stud, or Over the Water Heater Mount Air Handlers Single Phase 1½-3 Tons

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

| Model Number | Description | TMM5B | TMM4B | TMM5A | TMM4A |
|---|---|---|---|---|---|
| 4AYTXVH3G2436A | R-410A TXV kit 1-1/2 to 3 ton | — | ✔ | — | ✔ |
| 2AYTXVH3G2436A | R-22 TXV conversion kit 1-1/2 to 3 ton | ✔ | ✔ | ✔ | ✔ |
| BAYFRTLOUPNL20 | Front louver panel 20.5" width | — | ✔ | — | ✔ |
| BAYFRTLOUPNL22 | Front louver panel 22.0" width | ✔ | ✔ | ✔ | ✔ |
| BAYTMMWALLPNL1 | Return air / service wall panel (Qty 20) | ✔ | ✔ | ✔ | ✔ |

# Heaters for TMM Split System Air Handlers

**Table AH-16-B — BAYHTRM — Heater, Standard, for TMM Air Handlers**

| Heater Model Number | Capacity @ 240 Volts kW | Capacity @ 240 Volts BTUH | Capacity @ 208 Volts kW | Capacity @ 208 Volts BTUH | Rated Voltage | Control Stages | Number of Heater Racks | Number of Circuits | Heater Amps per Circuit 208 Volts | Heater Amps per Circuit 240Volt | Contains Circuit Breakers |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |

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# P-Series
# Modular Blower - Variable Speed

P0V0

**Table AH-17-A — P-Series Modular Blower - Variable Speed**

| Model Number | Nominal Airflow (Tons) | Blower Motor | Uncrated Dimensions (in.) H | W | D | Shipping Weight (lbs.) | Max. Fuse | Filter** Sizes |
|---|---|---|---|---|---|---|---|---|
| P0V0A000M30SBA | 3 | VS① | 34 | 14 1/2 | 28 3/4 | 83 | 15 | 14 x 25 x 1 |
| P0V0B000M40SBA | 4 | VS① | 34 | 17 1/2 | 28 3/4 | 92 | 15 | 16 x 25 x 1 |
| P0V0C000M50SBA | 5 | VS① | 34 | 21 | 28 3/4 | 101 | 15 | 20 x 25 x 1 |
| P0V0D000M50SBA | 5 | VS① | 34 | 24 1/2 | 28 3/4 | 107 | 15 | 24 x 25 x 1 |

| Table AH-17-B — Features | P0V0 |
|---|---|
| • 34 Inch Cabinet Height | ✔ |
| • High efficiency, variable speed blower motor | ✔ |
| • **Vortica™ II** blower housing design | ✔ |
| • Fully insulated cabinet ② | ✔ |
| • 4-way multi-poise | ✔ |
| • Painted cabinet with two tone color | ✔ |
| • Cabinet is certified to less than 1% leakage | ✔ |
| • Matches industry standard furnace widths (14.5", 17.5", 21", 24.5") | ✔ |
| • 120V wiring connections | ✔ |
| • Entirely electric operation | ✔ |
| • Service diagnostic capabilities | ✔ |
| • Dry contact humidifier/EAC terminals | ✔ |
| • **10-year limited warranty on all functional parts** | ✔ |

① Variable Speed
② 14.5" models do not have blower compartment insulation
** Filters are not shipped with modular blower.

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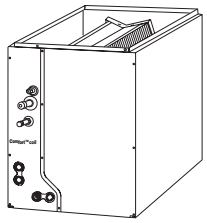
For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.



Effective 1/1/21
14-1011-38

# Split System – Cased Heat Pump and Cooling Coils

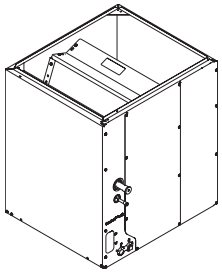




4TXC
Comfort™ Coil

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

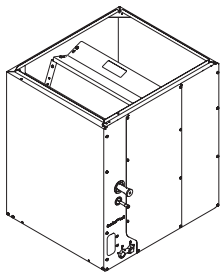
| Model Number | Cooling Capacity Range (Tons) | Coil Type | Refrigerant Control | Outlet Dim. (in.) W/H x D | OverallDim. (in.) H x W x D | Shipping Weight (lbs.) | Line Size OD Gas | Line Size OD Liq. |
|---|---|---|---|---|---|---|---|---|
| 4TXCA002DS3HCA | 1.5 - 2.0 | A | TXVNB① | 12 3/4 x 19 3/8 | 17.5 x 14.5 x 21.5 | 42 | 3/4 | 3/8 |
| 4TXCA032DS3HCA | 1.5 - 3.0 | A | TXVNB① | 12 3/4 x 19 3/8 | 22.5 x 14.5 x 21.5 | 46 | 3/4 | 3/8 |
| 4TXCB003DS3HCA | 1.5 - 3.0 | A | TXVNB① | 15 3/4 x 19 3/8 | 17.5 x 17.5 x 21.5 | 50 | 3/4 | 3/8 |
| 4TXCB004DS3HCA | 2.0 - 3.5 | A | TXVNB① | 15 3/4 x 19 3/8 | 22.5 x 17.5 x 21.5 | 58 | 7/8 | 3/8 |
| 4TXCC005DS3HCA | 2.0 - 4.0 | A | TXVNB① | 19 1/4 x 19 3/8 | 22.5 x 21 x 21.5 | 60 | 7/8 | 3/8 |
| 4TXCB006DS3HCA | 2.0 - 4.0 | A | TXVNB① | 15 3/4 x 19 3/8 | 26.9 x 17.5 x 21.5 | 65 | 7/8 | 3/8 |
| 4TXCC007DS3HCA | 3.0 - 5.0 | A | TXVNB① | 19 1/4 x 19 3/8 | 26.9 x 21 x 21.5 | 69 | 7/8 | 3/8 |
| 4TXCD008DS3HCA | 3.0 - 5.0 | A | TXVNB① | 22 3/4 x 19 3/8 | 26.9 x 24.5 x 21.5 | 72 | 7/8 | 3/8 |
| 4TXCC009DS3HCA | 3.5 - 5.0 | A | TXVNB① | 19 1/4 x 19 3/8 | 30.7 x 21 x 21.5 | 78 | 7/8 | 3/8 |
| 4TXCD010DS3HCA | 3.5 - 5.0 | A | TXVNB① | 22 3/4 x 19 3/8 | 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 Upflow/Downflow Coils R-410A Refrigerant, Convertible to Horizontal Left or Horizontal Right with kit**

| Model Number | Cooling Capacity Range (Tons) | Coil Type | Refrigerant Control | Outlet Dim. (in.) W/H x D | OverallDim. (in.) H x W x D | Shipping Weight (lbs.) | Line Size OD Gas | Line Size OD Liq. |
|---|---|---|---|---|---|---|---|---|
| 4PXCAU24BS3HAA | 1.5 - 2.0 | A | TXVNB① | 12 3/4 x 19 3/8 | 17.5 x 14.5 x 21.5 | 39 | 3/4 | 3/8 |
| 4PXCBU24BS3HAA | 1.5 - 2.0 | A | TXVNB① | 15 3/4 x 19 3/8 | 17.5 x 17.5 x 21.5 | 42 | 3/4 | 3/8 |
| 4PXCAU32BS3HAA | 1.5 - 3.0 | A | TXVNB① | 12 3/4 x 19 3/8 | 22.5 x 14.5 x 21.5 | 43 | 3/4 | 3/8 |
| 4PXCBU30BS3HAA | 1.5 - 3.0 | A | TXVNB① | 15 3/4 x 19 3/8 | 17.5 x 17.5 x 21.5 | 47 | 3/4 | 3/8 |
| 4PXCCU30BS3HAA | 1.5 - 3.0 | A | TXVNB① | 19 1/4 x 19 3/8 | 17.5 x 21 x 21.5 | 49 | 3/4 | 3/8 |
| 4PXCBU36BS3HAA | 2.0 - 3.5 | A | TXVNB① | 15 3/4 x 19 3/8 | 22.5 x 17.5 x 21.5 | 54 | 7/8 | 3/8 |
| 4PXCCU36BS3HAA | 2.0 - 4.0 | A | TXVNB① | 19 1/4 x 19 3/8 | 22.5 x 21 x 21.5 | 56 | 7/8 | 3/8 |
| 4PXCBU42BS3HAA | 2.0 - 3.5 | A | TXVNB① | 15 3/4 x 19 3/8 | 26.9 x 17.5 x 21.5 | 61 | 7/8 | 3/8 |
| 4PXCCU42BS3HAA | 2.5 - 3.5 | A | TXVNB① | 19 1/4 x 19 3/8 | 26.9 x 21 x 21.5 | 64 | 7/8 | 3/8 |
| 4PXCBU48BS3HAA | 2.0 - 4.0 | A | TXVNB① | 15 3/4 x 19 3/8 | 26.9 x 17.5 x 21.5 | 61 | 7/8 | 3/8 |
| 4PXCCU48BS3HAA | 3.0 - 5.0 | A | TXVNB① | 19 1/4 x 19 3/8 | 26.9 x 21 x 21.5 | 64 | 7/8 | 3/8 |
| 4PXCDU48BS3HAA | 3.0 - 5.0 | A | TXVNB① | 22 3/4 x 19 3/8 | 26.9 x 24.5 x 21.5 | 68 | 7/8 | 3/8 |
| 4PXCCU60BS3HAA | 3.5 - 5.0 | A | TXVNB① | 19 1/4 x 19 3/8 | 30.7 x 21 x 21.5 | 73 | 7/8 | 3/8 |
| 4PXCDU60BS3HAA | 3.5 - 5.0 | A | TXVNB① | 22 3/4 x 19 3/8 | 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 Downflow Coils R-410A Refrigerant, Convertible to Horizontal Right with kit**

| Model Number | Cooling Capacity Range (Tons) | Coil Type | Refrigerant Control | Outlet Dim. (in.) W/H x D | OverallDim. (in.) H x W x D | Shipping Weight (lbs.) | Line Size OD Gas | Line Size OD Liq. |
|---|---|---|---|---|---|---|---|---|
| 4PXCBD30BS3HDA | 1.5 - 3.0 | A | TXVNB① | 15 3/4 x 19 3/8 | 17.5 x 17.5 x 21.5 | 47 | 3/4 | 3/8 |
| 4PXCBD36BS3HDA | 2.0 - 3.5 | A | TXVNB① | 15 3/4 x 19 3/8 | 22.5 x 17.5 x 21.5 | 54 | 7/8 | 3/8 |
| 4PXCBD42BS3HDA | 2.0 - 3.5 | A | TXVNB① | 15 3/4 x 19 3/8 | 26.9 x 17.5 x 21.5 | 61 | 7/8 | 3/8 |
| 4PXCCD42BS3HDA | 2.5 - 3.5 | A | TXVNB① | 19 1/4 x 19 3/8 | 26.9 x 21 x 21.5 | 64 | 7/8 | 3/8 |
| 4PXCCD60BS3HDA | 3.5 - 5.0 | A | TXVNB① | 19 1/4 x 19 3/8 | 30.7 x 21 x 21.5 | 73 | 7/8 | 3/8 |
| 4PXCDD60BS3HDA | 3.5 - 5.0 | A | TXVNB① | 22 3/4 x 19 3/8 | 30.7 x 24.5 x 21.5 | 77 | 7/8 | 3/8 |

① Start Kit may be required on outdoor unit.

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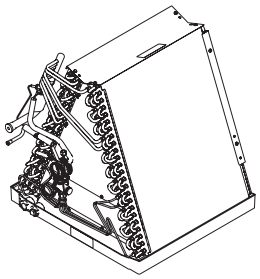
# Split System – Uncased Heat Pump and Cooling Coils



**4PXA Comfort™ Coil**

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

| Model Number | Cooling Capacity Range (Tons) | Coil Type | Refrigerant Control | Overall Dim. (in.) H x W x D | Shipping Weight (lbs.) | Line Size OD Gas | Line Size OD Liq. |
|---|---|---|---|---|---|---|---|
| 4PXAAU24BS3HAA | 1.5 - 2.0 | A | TXVNB① | 14.7 x 13.3 x 21.1 | 24 | 3/4 | 3/8 |
| 4PXABU24BS3HAA | 1.5 - 2.0 | A | TXVNB① | 14.5 x 16.3 x 21.1 | 24 | 3/4 | 3/8 |
| 4PXABU30BS3HAA | 1.5 - 3.0 | A | TXVNB① | 15.8 x 16.3 x 21.1 | 32 | 3/4 | 3/8 |
| 4PXACU30BS3HAA | 1.5 - 3.0 | A | TXVNB① | 15.8 x 19.8 x 21.1 | 32 | 3/4 | 3/8 |
| 4PXABU36BS3HAA | 2.0 - 3.5 | A | TXVNB① | 21.2 x 16.3 x 21.1 | 33 | 7/8 | 3/8 |
| 4PXACU36BS3HAA | 2.0 - 4.0 | A | TXVNB① | 20.8 x 19.8 x 21.1 | 32 | 7/8 | 3/8 |
| 4PXABU42BS3HAA | 2.0 - 3.5 | A | TXVNB① | 23.8 x 16.3 x 21.1 | 33 | 7/8 | 3/8 |
| 4PXACU42BS3HAA | 2.5 - 3.5 | A | TXVNB① | 23.7 x 19.8 x 21.1 | 38 | 7/8 | 3/8 |
| 4PXABU48BS3HAA | 2.0 - 4.0 | A | TXVNB① | 25.3 x 16.3 x 21.1 | 36 | 7/8 | 3/8 |
| 4PXACU48BS3HAA | 3.0 - 5.0 | A | TXVNB① | 24.9 x 19.8 x 21.1 | 38 | 7/8 | 3/8 |
| 4PXADU48BS3HAA | 3.0 - 5.0 | A | TXVNB① | 24.5 x 23.3 x 21.1 | 39 | 7/8 | 3/8 |
| 4PXACU60BS3HAA | 3.5 - 5.0 | A | TXVNB① | 29.2 x 19.8 x 21.1 | 44 | 7/8 | 3/8 |
| 4PXADU60BS3HAA | 3.5 - 5.0 | A | TXVNB① | 28.5 x 23.3 x 21.1 | 45 | 7/8 | 3/8 |

① Start Kit may be required on outdoor unit.

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

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

**Table COIL-2-C - Kits for 4PXC and 4TXC Coils**

| Horizontal Conversion Kit No. | Use with Coil Model Numbers |
|---|---|
| BAYCONV18A | 4PXC**24-30 |
| BAYCONV23A | 4PXC**36 |
| BAYCONV27A | 4PXC**42-48 |
| BAYCONV30A | 4PXC**60 |
| **Optional Downflow Gasket Kit No.** | **Use with Coil Model Numbers** |
| BAYGSKT001A0 | 4TXC, 4PXC |

**Table COIL-2-D - Air Conditioning and Heat Pump Systems**

| ADJUSTABLE R410A TXV KIT | 4PXC-U & 4PXA: | 4PXC-D | 4TXC: |
|---|---|---|---|
| 4AYTXVH4A1830A | 24 | 24-30 | A002 |
| 4AYTXVH4A3042A | 30-42 | 36-42 | A032, B003-C005 |
| 4AYTXVH4A4860A | 48-60 | 48-60 | B006-D010 |

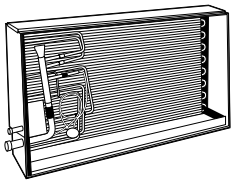
These R-410A adjustable TXV kits are intended for use with 4TXC, 4PXC,and 4PXA coil families.
In addition, these adjustable TXV kits may also be used to lower the superheat on 4TXC, 4PXC, and 4PXA coils to improve the latent capacity in high humidity environments.

**Table COIL-2-E - R-22 TXV Conversion TXV Kits for 4PXC, 4PXA, 4TXC and 4PXF Coils**

| R-22 TXV Kit | Use with Coil Model Numbers | | |
|---|---|---|---|
| 2AYTXVH3H1836A | 4PX**24-36 | 4TXC*002-005 | 4PXFH001, 003, 005 |
| 2AYTXVH3H4248A | 4PX**42-48 | 4TXC*006-008 | 4PXFH004 |
| 2AYTXVH3H6060A | 4PX**60 | 4TXC*009-010 | 4PXFH007, 009 |

# Split System – Cased Heat Pump and Cooling Coils





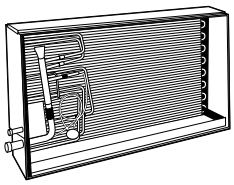
4TXF

**Table COIL-3-A — Aluminum Cased Horizontal Flat Coils R-410A Refrigerant**

| Model Number | Cooling Capacity Range (Tons) | 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. |
|---|---|---|---|---|---|---|---|---|
| 4TXFH033CC3HHB | 1.5 - 3.0 | Flat | TXVNB① | 21 x 24 | 22.7 x 10.2 x 28.2 | 49 | 3/4 | 5/16 |
| 4TXFH041CC3HHB | 2.0 - 3.5 | Flat | TXVNB① | 21 x 33 1/4 | 22.7 x 10.2 x 37.5 | 57 | 3/4 | 3/8 |
| 4TXFH054CC3HHB | 3.0 - 5.0 | Flat | TXVNB① | 21 x 33 1/4 | 22.7 x 10.2 x 37.5 | 55 | 7/8 | 3/8 |
| **Variable Speed OD compatible models** | | | | | | | | |
| 4TXFH024CZ3HHB | 1.5 - 2.0 | Flat | TXVNB① | 21 x 33 1/4 | 22.7 x 10.2 x 37.5 | 48 | 5/8 | 3/8 |
| 4TXFH036CZ3HHB | 2.0 - 3.5 | Flat | TXVNB① | 21 x 33 1/4 | 22.7 x 10.2 x 37.5 | 53 | 3/4 | 3/8 |
| 4TXFH064AZ3HHA | 3.0 - 5.0 | Flat | TXVNB① | 27 x 33 1/4 | 28.6 x 10.2 x 37.5 | 63 | 7/8 | 3/8 |

① Start Kit may be required on outdoor unit.

PHASING OUT
PHASING OUT



4PXF

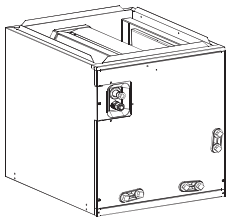
**Table COIL-3-B — Copper/Aluminum Cased Horizontal Flat Coils R-410A Refrigerant**

| Model Number | Cooling Capacity Range (Tons) | 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. |
|---|---|---|---|---|---|---|---|---|
| 4PXFH001AC3HHA | 1.5 - 3.0 | Flat | TXVNB① | 21 x 24 | 23.5 x 10 x 29.5 | 43 | 3/4 | 3/8 |
| 4PXFH004AC3HHA | 2.0 - 3.5 | Flat | TXVNB① | 21 x 30 | 23.5 x 10 x 35.5 | 49 | 3/4 | 3/8 |
| 4PXFH007AC3HHA | 3.0 - 5.0 | Flat | TXVNB① | 21 x 30 | 23.5 x 10 x 35.5 | 63 | 7/8 | 3/8 |
| **Variable Speed OD compatible models** | | | | | | | | |
| 4PXFH003AZ3HHA | 1.5 - 2.0 | Flat | TXVNB① | 21 x 30 | 23.5 x 10 x 35.5 | 49 | 3/4 | 3/8 |
| 4PXFH005AZ3HHA | 2.0 - 3.5 | Flat | TXVNB① | 21 x 30 | 23.5 x 10 x 35.5 | 63 | 7/8 | 3/8 |
| 4PXFH009AZ3HHA | 3.0 - 5.0 | Flat | TXVNB① | 21 x 36 | 23.5 x 10 x 41.5 | 70 | 7/8 | 3/8 |

① Start Kit may be required on outdoor unit.

Will be changing to all-aluminum model in late 2021

# Split System – Cased Heat Pump and Cooling Coils



4MXC

**Table COIL-3-C — Aluminum Single Stage Cased Coil (Upflow/Downflow/Horizontal) R-410A Refrigerant**

| Model Number | Cooling Capacity Range (Tons) | Coil Type | Refrigerant Control | Outlet Dim. (in.) W/H x D | OverallDim. (in.) H x W x D | Shipping Weight (lbs.) | Line Size OD Gas | Line Size OD Liq. |
|---|---|---|---|---|---|---|---|---|
| 4MXCA003AC6HCA | 1.5 - 3.0 | A | FCCV③ | 13 x 19 | 20 x 14.5 x 21 | 51 | 3/4 | 3/8 |
| 4MXCB004AC6HCA | 1.5 - 3.0 | A | FCCV③ | 16 x 19 | 20 x 17.5 x 21 | 55 | 3/4 | 3/8 |
| 4MXCC005AC6HCA | 2.5 - 3.0 | A | FCCV③ | 19 1/2 x 19 | 20 x 21 x 21 | 59 | 3/4 | 3/8 |
| 4MXCB006AC6HCA | 3.0 - 4.0 | A | FCCV③ | 16 x 19 | 26 x 17.5 x 21 | 66 | 7/8 | 3/8 |
| 4MXCC007AC6HCA | 3.0 - 4.0 | A | FCCV③ | 19 1/2 x 19 | 26 x 21 x 21 | 70 | 7/8 | 3/8 |
| 4MXCD008AC6HCA | 3.5 - 4.0 | A | FCCV③ | 23 x 19 | 26 x 24.5 x 21 | 74 | 7/8 | 3/8 |
| 4MXCC009AC6HCA | 3.5 - 5.0 | A | FCCV③ | 19 1/2 x 19 | 30 x 21 x 21 | 91 | 7/8 | 3/8 |
| 4MXCD010AC6HCA | 3.5 - 5.0 | A | FCCV③ | 23 x 19 | 30 x 24.5 x 21 | 95 | 7/8 | 3/8 |
| 4MXCB016AC6HCA② | 3.0 - 4.0 | A | FCCV③ | 16 x 19 | 30 x 17.5 x 21 | 82 | 7/8 | 3/8 |
| 4MXCC017AC6HCA② | 3.0 - 4.0 | A | FCCV③ | 19 1/2 x 19 | 30 x 21 x 21 | 88 | 7/8 | 3/8 |
| 4MXCD018AC6HCA② | 3.5 - 4.0 | A | FCCV③ | 23 x 19 | 30 x 24.5 x 21 | 92 | 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.
③ 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.

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# Split System – Cased Heat Pump and Cooling Coils

**Table COIL-4-A — 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-4-B — Orifice kit table for 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.

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

| **Table COIL-4-C — Features** | 4TXC | 4PXC-U | 4PXC-D | 4PXA | 4TXF | 4PXF | 4MXC |
|---|---|---|---|---|---|---|---|
| • 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)① | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | — |
| • Factory installed fixed orifice. Additional orifices supplied. | — | — | — | — | — | — | ✔ |
| • Optional accessory TXV Kit with mechanical fittings available for higher performance ratings ③ | — | — | — | — | — | — | ✔ |
| • Easy case attachment to furnace | ✔ | ✔ | ✔ | — | — | — | ✔ |
| • Upflow application | ✔ | ✔ | — | ✔ | — | — | ✔ |
| • Downflow application | ✔ | ✔ | ✔ | — | — | — | ✔ |
| • Horizontal Right application | ✔ | kit | kit | — | ✔ | ✔ | ✔ |
| • Horizontal Left application | ✔ | kit | — | — | ✔ | ✔ | ✔ |
| • Double sloped non-corrosive drain pan - UL rated 400°F. Compatible with oil furnaces | ✔ | ✔ | ✔ | ✔ | ✔ | — | — |
| • Single sloped non-corrosive drain pan | — | — | — | — | ✔ | ✔ | ✔ |
| • Compatible with variable speed and 2 speed outdoor models | ✔ | ✔ | ✔ | ✔ | ② | ② | — |
| • Split inner and outer doors for easy coil inspection and cleaning | ✔ | ✔ | ✔ | — | — | — | — |
| • Painted galvanized steel cabinet to match furnace | ✔ | ✔ | ✔ | — | — | — | ✔ |
| • Unpainted galvanized steel cabinet | — | — | — | — | ✔ | ✔ | — |
| • **10-year limited warranty on coil, & all other functional parts, with no registration required** | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ | ✔ |

PHASING OUT

① Start kit may be required on outdoor unit.
② See Tables COIL-3-A and COIL-3-B for specific models that are compatible with variable speed outdoor products.
③ Reference AHRI ratings to find correct TXV kit or reference Product Data for additional information.

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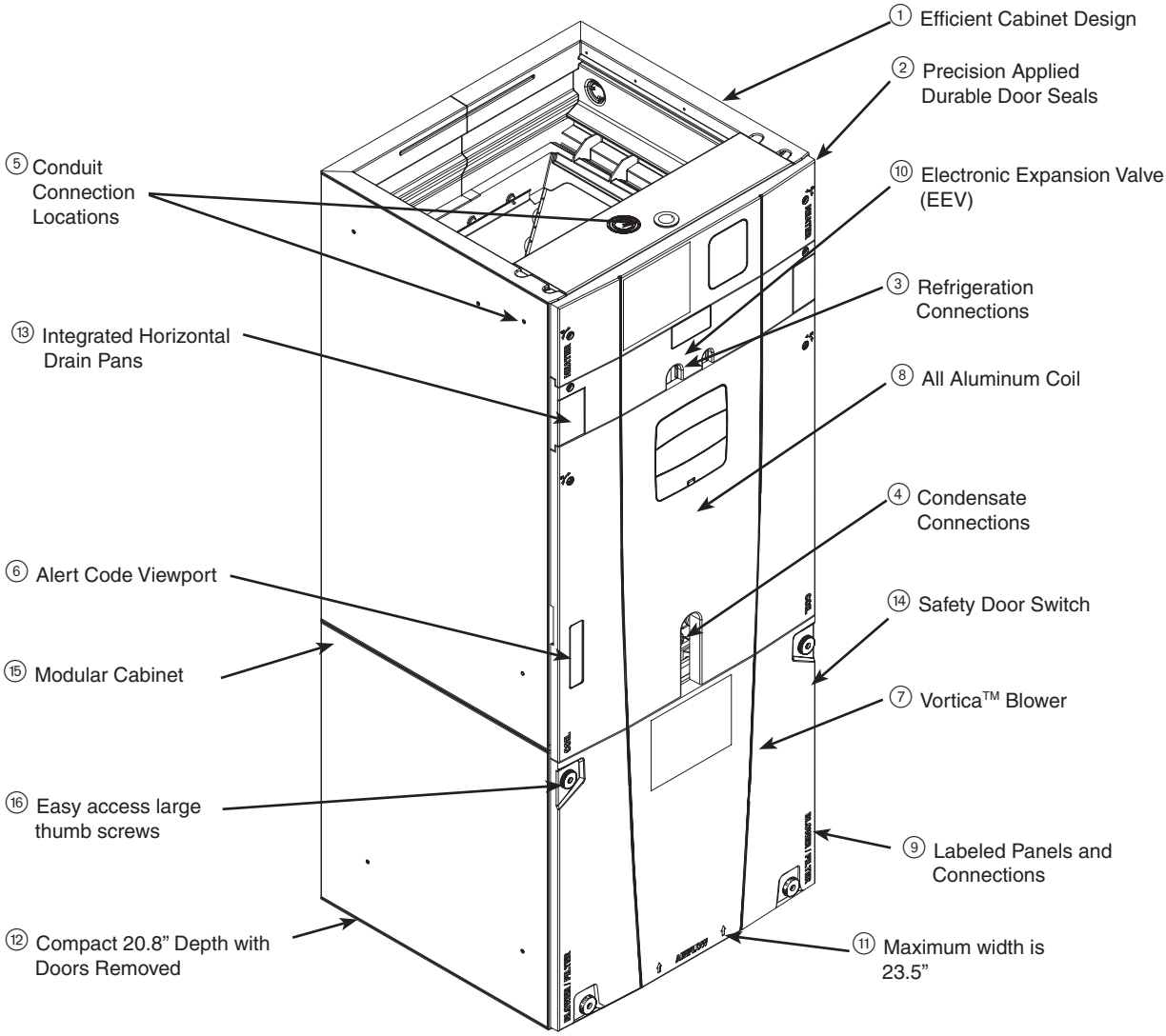
# Features and Benefits




① Efficient 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

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



Effective 1/1/21
14-1011-38

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# Forefront TAM9 Variable Speed Multi-Position Air-Tite™ Air Handlers 2-5 Tons

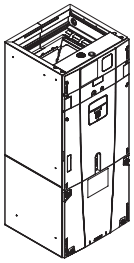

**Table AH-2-A — AccuLink™ II or 24V Variable Speed R-410A with Smart Fan Options 200-230/1/60, Epoxy Coated Coil**

| Model Number | Cooling Capacity (Btuh) | Dimensions (in.) H x W x D | Shipping Weight (lbs.) | Supply Opening | Return Opening | Filter Sizes | Line Size (in) Gas | Line Size (in) 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 |

| **Table AH-2-B — Features** | TAM9 2-5 |
|---|---|
| • Efficient 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) | ✔ |
| • UVC light kit with safety switch and polarized plug connections (sold as accessory) | ✔ |
| • Control board protection pocket built into cabinet wall | ✔ |
| • Alert port to view control board codes without door removal | ✔ |
| • **ComfortLink™ 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) | ✔ |
| • 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 | ✔ |
| • **Comfort R™** mode | ✔ |
| • Built in fan delay modes | ✔ |
| • Maximum width of 23.5" | ✔ |
| • Compact 20.8" depth with doors removed | ✔ |
| • Fused 24v power | ✔ |
| • Safety door switch | ✔ |
| • **10-year limited warranty/parts/No Registration Required** | ✔ |
| • **10-year limited warranty/coil/No Registration Required** | ✔ |



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



Effective 1/1/21
14-1011-38

# Forefront TAM9 Variable Speed Multi-Position Air-Tite™ Air Handlers 2-5 Tons

**Table AH-3-A — Optional Accessories**

| Model Number | Description | Matches Cabinet Size(s) | TAM9 |
|---|---|---|---|
| BAYWAAA05SC1AA | Hydronic Heater, Slide In, 40,000 BTUH, Nominal③ | A | ✔ |
| BAYWABB07SC1AA | Hydronic Heater, Slide In, 50,000 BTUH, Nominal③ | B | ✔ |
| BAYWACC08SC1AA | Hydronic Heater, Slide In, 65,000 BTUH, Nominal③ | C | ✔ |
| BAYWACC11SC1AA | Hydronic Heater, 100,000 BTUH, Nominal, External Top Mount, No Control③ | C | ✔ |
| BAYWAKIT24VAC | Hydronic Heater Relay Kit | 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 | ✔ |
| BAYUVCLK001 | UVC Lights | | ✔ |
| 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 | ✔ |
| TASB175SB②⑤ | Plenum Stand with Integrated Sound Baffle A | A | ✔ |
| TASB215SB②⑤ | Plenum Stand with Integrated Sound Baffle B | B | ✔ |
| TASB235SB②⑤ | Plenum Stand with Integrated Sound Baffle C | C | ✔ |
| MTISRKIT1620② | 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 | ✔ |
| TASSBK175②④⑥ | Sound Baffle Kit 17.5" Cabinet | A | ✔ |
| TASSBK215②④⑥ | Sound Baffle Kit 21.5" Cabinet | B | ✔ |
| TASSBK235②④⑥ | Sound Baffle Kit 23.5" Cabinet | C | ✔ |
| BAYSPEKT200 | Single Power Entry Kit | | ✔ |
| TAYBASETAMA | Downflow Sub-Base Kit | A-C | ✔ |
| BAYICSKIT01 | Internal Condensate Switch Kit | | ✔ |
| BAYHHKIT001 | Horizontal Hanger Kit | | ✔ |
| BAYLVKIT100 | Low Voltage Conduit Entry Kit | | ✔ |
| BAYAHEMIKIT001 | Air handler Electronic Noise Kit used on Variable Speed Blower Motor | | ✔ |
| BAYBAFKT175A ⑦ | Sound Baffle Kit 17.5" Cabinet | A | ✔ |
| BAYBAFKT215A ⑦ | Sound Baffle Kit 21.5" Cabinet | B | ✔ |
| BAYBAFKT235A ⑦ | 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 17.5" through 23.5" Cabinet | A-C | ✔ |
| BAYCNDPIP01A | 3/4" PVC Threaded Pipe Kit with foam seal (10 kits) | | ✔ |

PHASING OUT

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 ACONT900 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.

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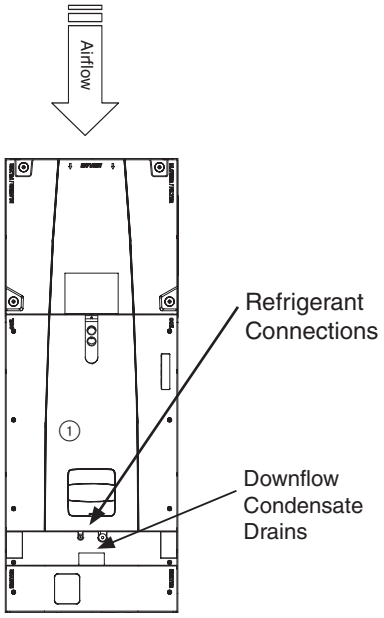
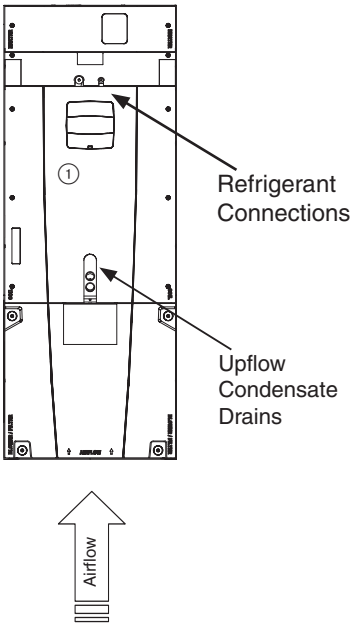
# Multi-position Air Handler

* Note: No internal modifications required for any position.

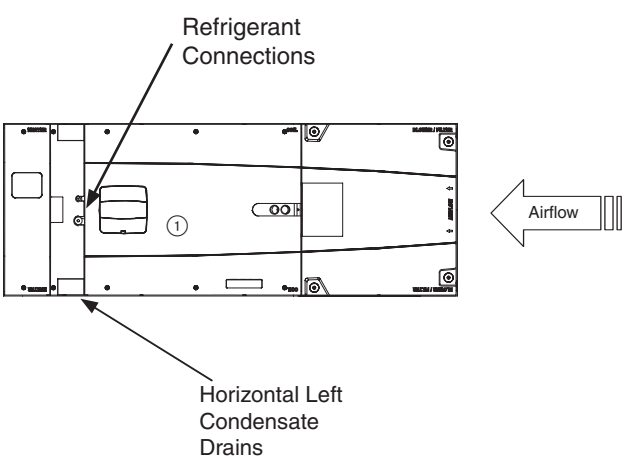
① Badge rotation will keep brand in correct position



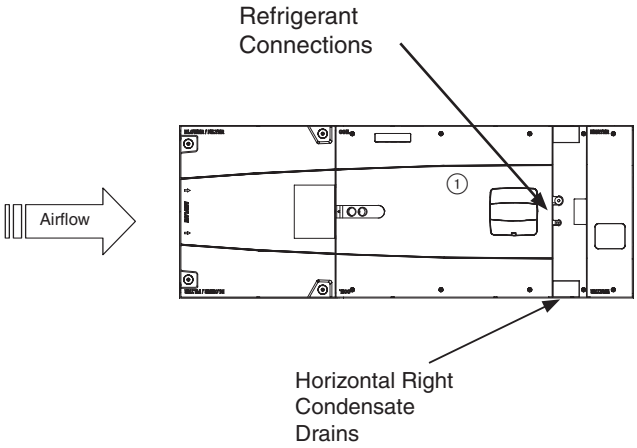

Vertical Downflow*




Vertical Upflow*
(as shipped)




Horizontal Left*




Horizontal Right*



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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# Forefront GAM5 Multi-Position Air Handlers Single Phase 1½-5 Tons

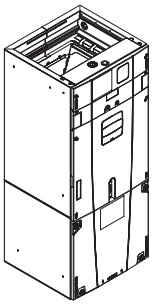

**Table AH-5-A — Multi-Speed High Efficiency Motor 200-230/1/60, Epoxy Coated Coil**

| Model Number | Cooling Capacity (Btuh) | Dimensions (in.) H x W x D | Shipping Weight (lbs.) | Supply Opening | Return Opening | Filter Sizes | Line Size (in) Gas | Line Size (in) 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 | 3/4 | 3/8 |
| 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 | 3/4 | 3/8 |
| 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 | 3/4 | 3/8 |
| 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 | 3/8 |
| 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 | 3/8 |
| 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 | 3/8 |
| 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 | 3/8 |

| Table AH-5-B — Features | GAM5 1 1/2-5 |
|---|---|
| • Efficient 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) | ✔ |
| • UVC light kit with safety switch and polarized plug connections (sold as accessory) | ✔ |
| • Low voltage pigtail connections | ✔ |
| • **Vortica®** 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) | ✔ |
| • 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 | ✔ |
| • **10-year limited warranty/parts/No Registration Required** | ✔ |
| • **10-year limited warranty/coil/No Registration Required** | ✔ |



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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# Forefront GAM5 Multi-Position Air Handlers Single Phase 1½-5 Tons

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

| Model Number | Description | Matches Cabinet Size(s) | 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, External Top Mount, No Control⑦ | 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 | ✔ |
| BAYUVCLK001 | UVC Lights | | ✔ |
| 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 | ✔ |
| TASB175SB②④ | Plenum Stand with Integrated Sound Baffle A | A | ✔ |
| TASB215SB②④ | Plenum Stand with Integrated Sound Baffle B | B | ✔ |
| TASB235SB②④ | Plenum Stand with Integrated Sound Baffle C | C | ✔ |
| MTISRKIT1620② | Side Return Kit with 16"x20" Filter | A-C | ✔ |
| TASSBK175②③⑤ | Sound Baffle Kit 17.5" Cabinet | A | ✔ |
| TASSBK215②③⑤ | Sound Baffle Kit 21.5" Cabinet | B | |
| TASSBK235②③⑤ | 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 | | ✔ |
| BAYLVKIT100A | Low Voltage Conduit Entry Kit | | ✔ |
| BAYAHEMIKIT001 | Air handler Electronic Noise Kit used on Variable Speed Blower Motor | | ✔ |
| BAYBAFKT175A ⑥ | Baffle Kit 17.5" Cabinet | A | ✔ |
| BAYBAFKT215A ⑥ | Baffle Kit 21.5" Cabinet | B | ✔ |
| BAYBAFKT235A ⑥ | 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 17.5" through 23.5" Cabinet | A-C | ✔ |
| BAYCNDPIP01A | 3/4" 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.
⑦ ACONT900 Thermostat can not be used with Hydronic heating.

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# ForeFront GAF2 Split System Air Handlers Single Phase 2-3 Tons

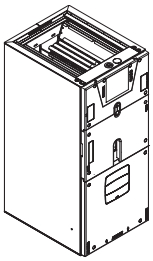

**Table AH-7-A — Multi-Speed PSC Motor 200-230/1/60, Epoxy Coated Coil**

| Model Number | Cooling Capacity (Btuh) | Dimensions (in.) H x W x D | Shipping Weight (lbs.) | Supply Opening | Return Opening | Filter Sizes | Line Size (in) Gas | Line Size (in) Liquid |
|---|---|---|---|---|---|---|---|---|
| GAF2A0A24S21EE | 24000 | 39.5 x 17.5 x 21.8 | 120 | 14.5 x 16.75 | 14.5 x 17.8 | N/A | 3/4 | 3/8 |
| GAF2A0A30S21EE | 30000 | 39.5 x 17.5 x 21.8 | 121 | 14.5 x 16.75 | 14.5 x 17.8 | N/A | 3/4 | 3/8 |

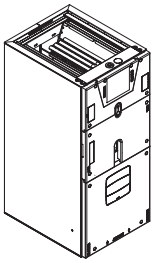

**Table AH-7-B — Multi-Speed High Efficiency ECM Motor 200-230/1/60, Epoxy Coated Coil ①**

| Model Number | Cooling Capacity (Btuh) | Dimensions (in.) H x W x D | Shipping Weight (lbs.) | Supply Opening | Return Opening | Filter Sizes | Line Size (in) Gas | Line Size (in) Liquid |
|---|---|---|---|---|---|---|---|---|
| GAF2A0A36M31EC | 36000 | 39.5 x 17.5 x 21.8 | 118 | 14.5 x 14.35 | 14.5 x 17.15 | N/A | 3/4 | 3/8 |

| Table AH-7-C — Features | GAF2 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 | ✔ |
| • **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 (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 | ✔ |
| • **10-year limited warranty/parts/No Registration Required** | ✔ |
| • **10-year limited warranty/coil/No Registration Required** | ✔ |



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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# Forefront GAF2 Split System Air Handlers Single Phase 2-3 Tons

**Table AH-8-A — Optional Accessories**

| Model Number | Description | GAF2 ① |
|---|---|---|
| BAYATXV1836 | R-22 TXV conversion kit 1-1/2 to 3 ton | ✔ |
| BAYBRFBX100 | Bottom Return Filter Box | ✔ |
| BAYFRKIT100 | Front Return Kit | ✔ |
| BAYICSKIT01 | 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 PHASING OUT | ✔ |
| BAYINSKT235A | Sound Insulation Kit 17.5" through 23.5" Cabinet | ✔ |
| BAYCNDPIP01A | 3/4" 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.

# Heaters for Multi-Position Air Handlers

### Table AH-9-A — BAYEA — Heater, Standard, for Forefront TAM9 and GAM5 Air Handlers

| Heater Model Number | Capacity @ 240 Volts kW | Capacity @ 240 Volts BTUH | Capacity @ 208 Volts kW | Capacity @ 208 Volts BTUH | Rated Voltage | Control Stages | Number of Heater Racks | Number of Circuits | Heater Amps per Circuit 208 Volts | Heater Amps per Circuit 240Volt | Contains Circuit Breakers |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |

BK = Contains circuit breakers
LG = Contains lug connections

### Table AH-9-B — BAYEC — Heater, Compact, with Lugs, for GAF2 Air Handlers

| Heater Model Number | Capacity @ 240 Volts kW | Capacity @ 240 Volts BTUH | Capacity @ 208 Volts kW | Capacity @ 208 Volts BTUH | Rated Voltage | Control Stages | Number of Heater Racks | Number of Circuits | Heater Amps per Circuit 208 Volts | Heater Amps per Circuit 240Volt | Contains Circuit Breakers |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 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-9-C — BAYEA — Heater, 3-Phase, for Forefront TAM9 and GAM5 Air Handlers ①

| Heater Model Number | Capacity @ 240 Volts kW | Capacity @ 240 Volts BTUH | Capacity @ 208 Volts kW | Capacity @ 208 Volts BTUH | Rated Voltage | Control Stages | Number of Heater Racks | Number of Circuits | Heater Amps per Circuit 208 Volts | Heater Amps per Circuit 240Volt | Contains Circuit Breakers |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 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

# Heaters for Multi-Position Air Handlers

**Table AH-10-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 | — | — | — |
| TAM9A0B30V31 | Y | Y | Y | Y | Y | Y | Y | Y | Y | — | — |
| TAM9A0C36V31 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | — |
| TAM9A0C42V41 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | — |
| TAM9A0C48V41 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| TAM9A0C60V51 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| | | | | | | | | | | | |
| GAM5B0A18M11 | Y | Y | Y | Y | Y | Y | Y | Y | — | — | — |
| GAM5B0A24M21 | Y | Y | Y | Y | Y | Y | Y | Y | — | — | — |
| GAM5B0B30M21 | Y | Y | Y | Y | Y | Y | Y | Y | Y | — | — |
| GAM5B0B36M31 | Y | Y | Y | Y | Y | Y | Y | Y | Y | — | — |
| GAM5B0C42M31 | Y | Y | Y | Y | Y | Y | Y | Y | Y | — | — |
| GAM5B0C48M41 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| GAM5B0C60M51 | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y | Y |

BK = Contains circuit breakers
LG = Contains lug connections

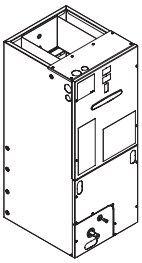
**Table AH-10-B — Air Handler/Heater Matrix (continued)**

| AIR HANDLER | 3 PHASE HEATER MODEL NUMBER BAYEA- | |
|---|---|---|
| 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 |

LG = Contains lug connections

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

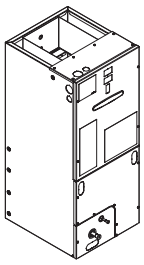
# TEM Split System Air Handlers Single Phase 1½-5 Tons



### Table AH-11-A — R-410A AccuLink™ II or 24V Variable Speed Air Handler 208-230/1/60

| Model Number | Cooling Capacity (Btuh) | Dimensions (in.) H x W x D | Shipping Weight (lbs.) | Supply Opening | Return Opening | Filter Sizes | Line Size (in) Gas | Line Size (in) Liquid |
|---|---|---|---|---|---|---|---|---|
| TEM8A0B24V21DB | 24000 | 46.75 x 18.5 x 21.13 | 126 | 16.5 x 12.15 | 16.75 x 18.75 | ① | 3/4 | 3/8 |
| TEM8A0B30V31DB | 30000 | 46.75 x 18.5 x 21.13 | 126 | 16.5 x 12.15 | 16.75 x 18.75 | ① | 3/4 | 3/8 |
| TEM8A0C36V31DB | 36000 | 51.27 x 23.5 x 21.13 | 155 | 21.5 x 12.15 | 21.75 x 18.75 | ① | 7/8 | 3/8 |
| TEM8A0C42V41DB | 42000 | 51.27 x 23.5 x 21.13 | 155 | 21.5 x 12.15 | 21.75 x 18.75 | ① | 7/8 | 3/8 |
| TEM8A0C48V41DB | 48000 | 55.75 x 23.5 x 21.13 | 185 | 21.5 x 12.15 | 21.75 x 18.75 | ① | 7/8 | 3/8 |
| TEM8A0D48V41DB | 48000 | 53.87 x 26.5 x 21.13 | 181 | 24.5 x 12.15 | 24.75 x 18.75 | ① | 7/8 | 3/8 |
| TEM8A0C60V51DB | 60000 | 55.75 x 23.5 x 21.13 | 185 | 21.5 x 12.15 | 21.75 x 18.75 | ① | 7/8 | 3/8 |
| TEM8A0D60V51DB | 60000 | 53.87 x 26.5 x 21.13 | 181 | 24.5 x 12.15 | 24.75 x 18.75 | ① | 7/8 | 3/8 |

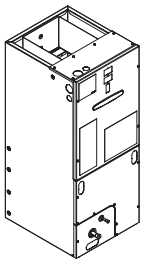
① Filter not supplied. Remote filter required.



### Table AH-11-B — R-410A Convertible Variable Speed Air Handler 208-230/1/60

| Model Number | Cooling Capacity (Btuh) | Dimensions (in.) H x W x D | Shipping Weight (lbs.) | Supply Opening | Return Opening | Filter Sizes | Line Size (in) Gas | Line Size (in) Liquid |
|---|---|---|---|---|---|---|---|---|
| TEM6A0B24H21SB | 24000 | 46.75 x 18.5 x 21.13 | 126 | 16.5 x 12.15 | 16.75 x 18.75 | ① | 3/4 | 3/8 |
| TEM6A0B30H21SB | 30000 | 46.75 x 18.5 x 21.13 | 126 | 16.5 x 12.15 | 16.75 x 18.75 | ① | 3/4 | 3/8 |
| TEM6A0C36H31SB | 36000 | 51.27 x 23.5 x 21.13 | 155 | 21.5 x 12.15 | 21.75 x 18.75 | ① | 7/8 | 3/8 |
| TEM6A0C42H41SB | 42000 | 51.27 x 23.5 x 21.13 | 155 | 21.5 x 12.15 | 21.75 x 18.75 | ① | 7/8 | 3/8 |
| TEM6A0C48H41SB | 48000 | 55.75 x 23.5 x 21.13 | 185 | 21.5 x 12.15 | 21.75 x 18.75 | ① | 7/8 | 3/8 |
| TEM6A0D48H41SB | 48000 | 53.87 x 26.5 x 21.13 | 181 | 24.5 x 12.15 | 24.75 x 18.75 | ① | 7/8 | 3/8 |
| TEM6A0C60H51SB | 60000 | 55.75 x 23.5 x 21.13 | 185 | 21.5 x 12.15 | 21.75 x 18.75 | ① | 7/8 | 3/8 |
| TEM6A0D60H51SB | 60000 | 53.87 x 26.5 x 21.13 | 181 | 24.5 x 12.15 | 24.75 x 18.75 | ① | 7/8 | 3/8 |

① Filter not supplied. Remote filter required.



### Table AH-11-C — R-410A Convertible Air Handler 208-230/1/60

| Model Number | Cooling Capacity (Btuh) | Dimensions (in.) H x W x D | Shipping Weight (lbs.) | Supply Opening | Return Opening | Filter Sizes | Line Size (in) Gas | Line Size (in) Liquid |
|---|---|---|---|---|---|---|---|---|
| TEM4A0B18S21SB | 18000 | 45.02 x 18.5 x 21.13 | 116 | 16.5 x 12.15 | 16.75 x 18.75 | ① | 3/4 | 3/8 |
| TEM4A0B24S21SB | 24000 | 45.02 x 18.5 x 21.13 | 116 | 16.5 x 12.15 | 16.75 x 18.75 | ① | 3/4 | 3/8 |
| TEM4A0B30S31SB | 30000 | 45.02 x 18.5 x 21.13 | 116 | 16.5 x 12.15 | 16.75 x 18.75 | ① | 3/4 | 3/8 |
| TEM4A0B36S31SB | 36000 | 45.02 x 18.5 x 21.13 | 116 | 16.5 x 12.15 | 16.75 x 18.75 | ① | 3/4 | 3/8 |
| TEM4A0C37S31SB | 36000 | 51.27 x 23.5 x 21.13 | 145 | 21.5 x 12.15 | 21.75 x 18.75 | ① | 7/8 | 3/8 |
| TEM4A0C42S41SB | 42000 | 51.27 x 23.5 x 21.13 | 145 | 21.5 x 12.15 | 21.75 x 18.75 | ① | 7/8 | 3/8 |
| TEM4A0C48S41SB | 48000 | 51.27 x 23.5 x 21.13 | 145 | 21.5 x 12.15 | 21.75 x 18.75 | ① | 7/8 | 3/8 |
| TEM4A0C60S51SB | 60000 | 51.27 x 23.5 x 21.13 | 145 | 21.5 x 12.15 | 21.75 x 18.75 | ① | 7/8 | 3/8 |
| TEM4A0B19M21SA | 24000 | 45.02 x 18.5 x 21.13 | 116 | 16.5 x 12.15 | 16.75 x 18.75 | ① | 3/4 | 3/8 |
| TEM4A0B31M31SA | 30000 | 46.75 x 18.5 x 21.13 | 126 | 16.5 x 12.15 | 16.75 x 18.75 | ① | 3/4 | 3/8 |
| TEM4A0C43M41SA | 42000 | 51.27 x 23.5 x 21.13 | 155 | 21.5 x 12.15 | 21.75 x 18.75 | ① | 7/8 | 3/8 |
| TEM4A0C49M41SA | 48000 | 55.75 x 23.5 x 21.13 | 185 | 21.5 x 12.15 | 21.75 x 18.75 | ① | 7/8 | 3/8 |
| TEM4A0C61M51SA | 60000 | 55.75 x 23.5 x 21.13 | 185 | 21.5 x 12.15 | 21.75 x 18.75 | ① | 7/8 | 3/8 |

① Filter not supplied. Remote filter required.

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

| Table AH-12-A — Features | TEM8 2-5 | TEM6 2-5 | TEM4 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) | — | — | ✔① |
| • PSC Motor | — | — | ✔② |
| • 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 | ✔ | ✔ | ✔ |
| • **10-year limited warranty/parts/No Registration Required** | ✔ | ✔ | ✔ |
| • **10-year limited warranty/coil/No Registration Required** | ✔ | ✔ | ✔ |

① For TEM4: direct drive, multi speed ECM blower motor - Constant torque ECM 19, 31, 43, 49, 61
② For TEM4: PSC Motor 1½-3

**Table AH-12-B — Optional Accessories**

| Model Number | Description | Matches Cabinet Size(s) | TEM8 | TEM6 | TEM4 |
|---|---|---|---|---|---|
| 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 | | 4-5② | 4-5② | — |
| BAYATXV1836B | R-22 TXV conversion kit | | — | — | 1½-2½ |
| BAYATXV4248B | R-22 TXV conversion kit | | — | — | 3-4 |
| BAYATXV6161B | R-22 TXV conversion kit | | 4-5③ | 4-5③ | 5 |

① Downflow condensate management kit is required for 5 Ton downflow models.
② TEM6A0D48, TEM6A0D60, TEM8A0D48, TEM8A0D60
③ TEM6A0C48, TEM6A0C60, TEM8A0C48, TEM8A0C60

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



Effective 1/1/21
14-1011-38

# Heaters for TEM Split System Air Handlers

### Table AH-13-A — BAYHTR15 — Heater, Standard, for TEM Air Handlers

| Heater Model Number | Capacity @ 240 Volts kW | Capacity @ 240 Volts BTUH | Capacity @ 208 Volts kW | Capacity @ 208 Volts BTUH | Rated Voltage | Control Stages | Number of Heater Racks | Number of Circuits | Heater Amps per Circuit 208 Volts | Heater Amps per Circuit 240Volt | Contains Circuit Breakers |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BAYHTR1504BRKC | 3.84 | 13100 | 2.88 | 9800 | 208/240/1/60 | 1 | 1 | 1 | 13.8 | 16 | Yes |
| 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 |
| 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 |
| 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 |
| 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-13-B — BAYHTR35 — Heater, 3-Phase, for TEM Air Handlers ①

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

BRK = Contains circuit breakers
LUG = Lug connections
① 3-Phase - W1 and W2 must be jumpered at low voltage connector

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

### Table AH-14-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<br>TEM8A0B30V31DB<br>TEM6A0B24H21SB<br>TEM6A0B30H21SB | Y | Y | Y | Y | Y | - | - | Y | Y |
| TEM8A0C36V31DB<br>TEM8A0C42V41DB<br>TEM6A0C36H31SB<br>TEM6A0C42H41SB | Y | Y | Y | Y | Y | Y | - | Y | Y |
| TEM8A0C48V41DB<br>TEM8A0C60V51DB<br>TEM6A0C48H41SB<br>TEM6A0C60H51SB | Y | Y | Y | Y | Y | Y | Y | Y | Y |
| TEM8A0D48V41DB<br>TEM8A0D60V51DB<br>TEM6A0D48H41SB<br>TEM6A0D60H51SB | Y | Y | Y | Y | Y | Y | Y | Y | Y |

### Table AH-14-B — TEM4 Air Handler and Heater matches

| TEM4 HEATER MATRIX | | | | | |
|---|---|---|---|---|---|
| AIR HANDLER | HEATER MODEL NUMBER | | | | |
| MODEL NUMBER | BAYHTR1504BRKC<br>BAYHTR1504LUGB<br>3.84 Kw<br>BK<br>BAYHTR1505BRKC<br>BAYHTR1505LUGB<br>4.80 Kw<br>BK | BAYHTR1508BRKC<br>BAYHTR1508LUGB<br>7.68 Kw<br>BK<br>BAYHTR1510BRKC<br>BAYHTR1510LUGB<br>BAYHTR3510LUGC<br>9.60 Kw<br>BK | BAYHTR1517BRKA<br>BAYHTR3517LUGA<br>14.40 Kw<br>BK | BAYHTR1523BRKA<br>19.20 Kw<br>BK | BAYHTR1525BRKA<br>24.00 Kw<br>BK |
| TEM4A0B18S21SB<br>TEM4A0B24S21SB | Y | Y | - - | - - | - - |
| TEM4A0B30S31SB<br>TEM4A0B36S31SB | Y | Y | Y | - - | - - |
| TEM4A0C37S31SB<br>TEM4A0C42S41SB | Y | Y | Y | Y | - - |
| TEM4A0C48S41SB | Y | Y | Y | Y | Y |
| TEM4A0C60S51SB | Y | Y | Y | Y | Y |
| TEM4A0B19M21SAA | Y | Y | - - | - - | - - |
| TEM4A0B31M31SAA | Y | Y | Y | - - | - - |
| TEM4A0C43M41SAA | Y | Y | Y | Y | - - |
| TEM4A0C49M41SAA | Y | Y | Y | Y | Y |
| TEM4A0C61M51SA | Y | Y | Y | Y | Y |

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# TMM Wall, Stud, or Over the Water Heater Mount Air Handlers Single Phase 1½-3 Tons

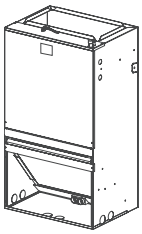

**Table AH-15-A — TMM5 R-410A Wall, Stud, or Over the Water Heater Mount Air Handler 208-230/1/60, ECM Motor, Factory installed R-410A TXV, all aluminum coil, Cooling & Limited Heating**

| Unit Model No. | Cooling Capacity (Btuh) | Dimensions (in.) H x W x D | Shipping Weight (lbs.) | Supply Opening | Filter Sizes | Line Size Gas | Line Size Liquid |
|---|---|---|---|---|---|---|---|
| TMM5B0A24M21SA | 24000 | 36.5 x 20.5 x 15.0 | 93 | 15 x 9.5 | ① | 3/4 | 3/8 |
| TMM5B0B30M21SA | 30000 | 39.5 x 22.0 x 19.0 | 115 | 19 x 9.5 | ① | 3/4 | 3/8 |
| TMM5B0B36M31SA | 36000 | 39.5 x 22.0 x 19.0 | 115 | 19 x 9.5 | ① | 3/4 | 3/8 |

**Table AH-15-B — TMM4 R-410A Wall, Stud, or Over the Water Heater Mount Air Handler 208-230/1/60, PSC Motor, Factory installed R-410A orifice, all aluminum coil, Cooling & Heating**

| Unit Model No. | Cooling Capacity (Btuh) | Dimensions (in.) H x W x D | Shipping Weight (lbs.) | Supply Opening | Filter Sizes | Line Size Gas | Line Size Liquid |
|---|---|---|---|---|---|---|---|
| TMM4B0A18S21SA | 18000 | 36.5 x 20.5 x 15.0 | 97 | 15 x 9.5 | ① | 3/4 | 3/8 |
| TMM4B0A24S21SA | 24000 | 36.5 x 20.5 x 15.0 | 97 | 15 x 9.5 | ① | 3/4 | 3/8 |
| TMM4B0B30S21SA | 30000 | 39.5 x 22.0 x 19.0 | 119 | 19 x 9.5 | ① | 3/4 | 3/8 |
| TMM4B0B36S31SA | 36000 | 39.5 x 22.0 x 19.0 | 119 | 19 x 9.5 | ① | 3/4 | 3/8 |

① Filter not supplied. Remote filter required.

**Table AH-15-C — TMM5 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 | Line Size 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 |

PHASING OUT

**Table AH-15-D — 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 | Line Size 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 |

PHASING OUT

① Filter not supplied. Remote filter required.

| Table AH-15-E — Features | TMM5B 2-3 | TMM4B 1-1/2-3 | TMM5A 2-3 | TMM4A 1-1/2-3 |
|---|---|---|---|---|
| • Painted metal cabinet with captured foil face insulation | ✔ | ✔ | ✔ | ✔ |
| • 2% or less air leakage | ✔ | ✔ | ✔ | ✔ |
| • All aluminum coil | ✔ | ✔ | — | — |
| • 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) | ✔ | ✔ | ✔ | ✔ |
| • **10-year limited warranty/parts/No Registration Required** | ✔ | ✔ | ✔ | ✔ |
| • **10-year limited warranty/coil/No Registration Required** | ✔ | ✔ | ✔ | ✔ |

PHASING OUT

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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14-1011-38

# TMM Wall, Stud, or Over the Water Heater Mount Air Handlers Single Phase 1½-3 Tons

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

| Model Number | Description | TMM5B | TMM4B | TMM5A | TMM4A |
|---|---|---|---|---|---|
| 4AYTXVH3G2436A | R-410A TXV kit 1-1/2 to 3 ton | — | ✔ | — | ✔ |
| 2AYTXVH3G2436A | R-22 TXV conversion kit 1-1/2 to 3 ton | ✔ | ✔ | ✔ | ✔ |
| BAYFRTLOUPNL20 | Front louver panel 20.5" width | — | ✔ | — | ✔ |
| BAYFRTLOUPNL22 | Front louver panel 22.0" width | ✔ | ✔ | ✔ | ✔ |
| BAYTMMWALLPNL1 | Return air / service wall panel (Qty 20) | ✔ | ✔ | ✔ | ✔ |

# Heaters for TMM Split System Air Handlers

**Table AH-16-B — BAYHTRM — Heater, Standard, for TMM Air Handlers**

| Heater Model Number | Capacity @ 240 Volts kW | Capacity @ 240 Volts BTUH | Capacity @ 208 Volts kW | Capacity @ 208 Volts BTUH | Rated Voltage | Control Stages | Number of Heater Racks | Number of Circuits | Heater Amps per Circuit 208 Volts | Heater Amps per Circuit 240Volt | Contains Circuit Breakers |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |

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# P-Series
# Modular Blower - Variable Speed

P0V0

**Table AH-17-A — P-Series Modular Blower - Variable Speed**

| Model Number | Nominal Airflow (Tons) | Blower Motor | Uncrated Dimensions (in.) H | W | D | Shipping Weight (lbs.) | Max. Fuse | Filter** Sizes |
|---|---|---|---|---|---|---|---|---|
| P0V0A000M30SBA | 3 | VS① | 34 | 14 1/2 | 28 3/4 | 83 | 15 | 14 x 25 x 1 |
| P0V0B000M40SBA | 4 | VS① | 34 | 17 1/2 | 28 3/4 | 92 | 15 | 16 x 25 x 1 |
| P0V0C000M50SBA | 5 | VS① | 34 | 21 | 28 3/4 | 101 | 15 | 20 x 25 x 1 |
| P0V0D000M50SBA | 5 | VS① | 34 | 24 1/2 | 28 3/4 | 107 | 15 | 24 x 25 x 1 |

| Table AH-17-B — Features | P0V0 |
|---|---|
| • 34 Inch Cabinet Height | ✔ |
| • High efficiency, variable speed blower motor | ✔ |
| • **Vortica™ II** blower housing design | ✔ |
| • Fully insulated cabinet ② | ✔ |
| • 4-way multi-poise | ✔ |
| • Painted cabinet with two tone color | ✔ |
| • Cabinet is certified to less than 1% leakage | ✔ |
| • Matches industry standard furnace widths (14.5", 17.5", 21", 24.5") | ✔ |
| • 120V wiring connections | ✔ |
| • Entirely electric operation | ✔ |
| • Service diagnostic capabilities | ✔ |
| • Dry contact humidifier/EAC terminals | ✔ |
| • **10-year limited warranty on all functional parts** | ✔ |

① Variable Speed
② 14.5" models do not have blower compartment insulation
** Filters are not shipped with modular blower.

CALIFORNIA 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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14-1011-38

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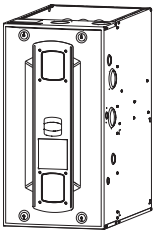
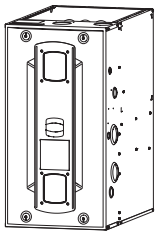
# S9V2-VS – Two Stage ECM Variable Speed



S9V2-VS
Direct Vent
Upflow

**Table FUR-1-A — S9V2-VS 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**

| Unit Model Number | Airflow In Tons | Output (Btuh) Stage 2 | Output (Btuh) Stage 1 | ICS① AFUE | Flue Size (in) | Ignition Device | Uncrated Dimensions (in.) H x W x D | Shipping Weight (lbs.) | Max Fuse* | Filter Sizes** |
|---|---|---|---|---|---|---|---|---|---|---|
| S9V2B040U3VSAB | 3 | 39,141 | 25,639 | 97.0② | 2, 3, 4 | ④ | 34 x 17 1/2 x 28 3/4 | 122 | 15 | 16 x 25 x 1 |
| S9V2B060U3VSAB | 3 | 57,838 | 38,271 | 97.0② | 2, 3, 4 | ④ | 34 x 17 1/2 x 28 3/4 | 127 | 15 | 16 x 25 x 1 |
| S9V2B080U4VSAB | 4 | 78,400 | 50,960 | 97.0② | 2, 3, 4 | ④ | 34 x 17 1/2 x 28 3/4 | 135 | 15 | 16 x 25 x 1 |
| S9V2C100U4VSAB | 4 | 96,362 | 64,036 | 97.0② | 2, 3, 4 | ④ | 34 x 21 x 28 3/4 | 154 | 15 | 20 x 25 x 1 |
| S9V2D120U5VSAB | 5 | 113,145 | 76,668 | 97.0② | 3, 4 | ④ | 34 x 24 1/2 x 28 3/4 | 167 | 15 | 24 x 25 x 1 |



S9V2-VS
Direct Vent
Downflow

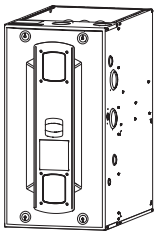
**Table FUR-1-B — S9V2-VS Variable Speed, 2 Stage, Direct/Non-Direct Vent, Downflow Condensing Gas Furnace with Variable Speed Draft Inducer (120/1/60)③**

| Unit Model Number | Airflow In Tons | Output (Btuh) Stage 2 | Output (Btuh) Stage 1 | ICS① AFUE | Flue Size (in) | Ignition Device | Uncrated Dimensions (in.) H x W x D | Shipping Weight (lbs.) | Max Fuse* | Filter Sizes** |
|---|---|---|---|---|---|---|---|---|---|---|
| S9V2B080D4VSAB | 4 | 78,400 | 50,960 | 97.0② | 2, 3, 4 | ④ | 34 x 17 1/2 x 28 3/4 | 135 | 15 | (2)14 x 20 x 1 |
| S9V2C100D4VSAB | 4 | 95,833 | 63,950 | 97.0② | 2, 3, 4 | ④ | 34 x 21 x 28 3/4 | 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.

Furnaces

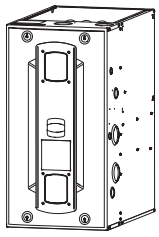
# S9V2 – Two Stage ECM Variable Speed



S9V2
Direct Vent
Upflow

**Table FUR-1-C — S9V2 Variable Speed, 2 Stage, Direct/Non-Direct Vent, Upflow/Horizontal Left/Horizontal Right Condensing Gas Furnace (120/1/60)③**

| Unit Model Number | Airflow In Tons | Output (Btuh) Stage 2 | Output (Btuh) Stage 1 | ICS① AFUE | Flue Size (in) | Ignition Device | Uncrated Dimensions (in.) H x W x D | Shipping Weight (lbs.) | Max Fuse* | Filter Sizes** |
|---|---|---|---|---|---|---|---|---|---|---|
| S9V2B040U3PSBB | 3 | 38,800 | 25,220 | 96.0② | 2, 3, 4 | ④ | 34 x 17 1/2 x 28 3/4 | 122 | 15 | 16 x 25 x 1 |
| S9V2B060U3PSBB | 3 | 58,200 | 37,830 | 96.0② | 2, 3, 4 | ④ | 34 x 17 1/2 x 28 3/4 | 127 | 15 | 16 x 25 x 1 |
| S9V2B060U4PSBB | 4 | 58,200 | 37,830 | 96.0② | 2, 3, 4 | ④ | 34 x 17 1/2 x 28 3/4 | 130 | 15 | 16 x 25 x 1 |
| S9V2B080U4PSBB | 4 | 77,600 | 50,440 | 96.0② | 2, 3, 4 | ④ | 34 x 17 1/2 x 28 3/4 | 135 | 15 | 16 x 25 x 1 |
| S9V2C080U5PSBB | 5 | 77,600 | 50,440 | 96.0② | 2, 3, 4 | ④ | 34 x 21 x 28 3/4 | 149 | 15 | 20 x 25 x 1 |
| S9V2C100U4PSBB | 4 | 97,000 | 63,050 | 96.0② | 2, 3, 4 | ④ | 34 x 21 x 28 3/4 | 154 | 15 | 20 x 25 x 1 |
| S9V2C100U5PSBB | 5 | 97,000 | 63,050 | 96.0② | 2, 3, 4 | ④ | 34 x 21 x 28 3/4 | 155 | 15 | 20 x 25 x 1 |
| S9V2D120U5PSBB | 5 | 116,400 | 75,660 | 96.0② | 3, 4 | ④ | 34 x 24 1/2 x 28 3/4 | 167 | 15 | 24 x 25 x 1 |



S9V2
Direct Vent
Downflow

**Table FUR-1-D — S9V2 Variable Speed, 2 Stage, Direct/Non-Direct Vent, Downflow Condensing Gas Furnace (120/1/60)③**

| Unit Model Number | Airflow In Tons | Output (Btuh) Stage 2 | Output (Btuh) Stage 1 | ICS① AFUE | Flue Size (in) | Ignition Device | Uncrated Dimensions (in.) H x W x D | Shipping Weight (lbs.) | Max Fuse* | Filter Sizes** |
|---|---|---|---|---|---|---|---|---|---|---|
| S9V2B040D3PSBB | 3 | 38,800 | 25,220 | 96.0② | 2, 3, 4 | ④ | 34 x 17 1/2 x 28 3/4 | 122 | 15 | (2)14 x 20 x 1 |
| S9V2B060D3PSBB | 3 | 58,200 | 37,830 | 96.0② | 2, 3, 4 | ④ | 34 x 17 1/2 x 28 3/4 | 127 | 15 | (2)14 x 20 x 1 |
| S9V2B080D4PSBB | 4 | 77,600 | 50,440 | 96.0② | 2, 3, 4 | ④ | 34 x 17 1/2 x 28 3/4 | 135 | 15 | (2)14 x 20 x 1 |
| S9V2C100D4PSBB | 4 | 97,000 | 63,050 | 96.0② | 2, 3, 4 | ④ | 34 x 21 x 28 3/4 | 154 | 15 | (2)16 x 20 x 1 |
| S9V2C100D5PSBB | 5 | 97,000 | 63,050 | 96.0② | 2, 3, 4 | ④ | 34 x 21 x 28 3/4 | 155 | 15 | (2)16 x 20 x 1 |
| S9V2D120D5PSBB | 5 | 116,400 | 75,660 | 96.0② | 3, 4 | ④ | 34 x 24 1/2 x 28 3/4 | 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.

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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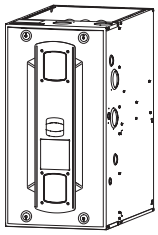
14-1011-38

# S9X2 – Two Stage High Efficiency ECM

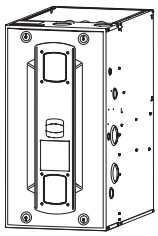




S9X2
Direct Vent
Upflow

**Table FUR-2-A — S9X2 High Efficiency 9 Speed ECM Motor, 2 Stage, Direct/Non-Direct Vent, Upflow/Horizontal Left/Horizontal Right Condensing Gas Furnace (120/1/60)③**

| Unit Model Number | Airflow In Tons | Output (Btuh) Stage 2 | Output (Btuh) Stage 1 | ICS① AFUE | Flue Size (in) | Ignition Device | Uncrated Dimensions (in.) H x W x D | Shipping Weight (lbs.) | Max Fuse* | Filter Sizes** |
|---|---|---|---|---|---|---|---|---|---|---|
| S9X2B040U3PSBA | 3 | 38,800 | 25,220 | 96.0② | 2, 3, 4 | ④ | 34 x 17 1/2 x 28 3/4 | 122 | 15 | 16 x 25 x 1 |
| S9X2B060U4PSBA | 4 | 58,200 | 37,830 | 96.0② | 2, 3, 4 | ④ | 34 x 17 1/2 x 28 3/4 | 130 | 15 | 16 x 25 x 1 |
| S9X2B080U4PSBA | 4 | 77,600 | 50,440 | 96.0② | 2, 3, 4 | ④ | 34 x 17 1/2 x 28 3/4 | 135 | 15 | 16 x 25 x 1 |
| S9X2C080U5PSBA | 5 | 77,600 | 50,440 | 95.0② | 2, 3, 4 | ④ | 34 x 21 x 28 3/4 | 149 | 15 | 20 x 25 x 1 |
| S9X2C100U5PSBA | 5 | 97,000 | 63,050 | 96.0② | 2, 3, 4 | ④ | 34 x 21 x 28 3/4 | 155 | 15 | 20 x 25 x 1 |
| S9X2D120U5PSBA | 5 | 116,400 | 75,660 | 96.0② | 3, 4 | ④ | 34 x 24 1/2 x 28 3/4 | 167 | 15 | 24 x 25 x 1 |



S9X2
Direct Vent
Downflow

**Table FUR-2-B — S9X2 High Efficiency 9 Speed ECM Motor, 2 Stage, Direct/Non-Direct Vent, Downflow Condensing Gas Furnace (120/1/60)③**

| Unit Model Number | Airflow In Tons | Output (Btuh) Stage 2 | Output (Btuh) Stage 1 | ICS① AFUE | Flue Size (in) | Ignition Device | Uncrated Dimensions (in.) H x W x D | Shipping Weight (lbs.) | Max Fuse* | Filter Sizes** |
|---|---|---|---|---|---|---|---|---|---|---|
| S9X2B040D3PSBA | 3 | 38,800 | 25,220 | 96.0② | 2, 3, 4 | ④ | 34 x 17 1/2 x 28 3/4 | 122 | 15 | (2)14 x 20 x 1 |
| S9X2B060D3PSBA | 3 | 58,200 | 37,830 | 95.0② | 2, 3, 4 | ④ | 34 x 17 1/2 x 28 3/4 | 127 | 15 | (2)14 x 20 x 1 |
| S9X2B080D4PSBA | 4 | 77,600 | 50,440 | 96.0② | 2, 3, 4 | ④ | 34 x 17 1/2 x 28 3/4 | 135 | 15 | (2)14 x 20 x 1 |
| S9X2C100D5PSBA | 5 | 97,000 | 63,050 | 95.0② | 2, 3, 4 | ④ | 34 x 21 x 28 3/4 | 155 | 15 | (2)16 x 20 x 1 |
| S9X2D120D5PSBA | 5 | 116,400 | 75,660 | 96.0② | 3, 4 | ④ | 34 x 24 1/2 x 28 3/4 | 167 | 15 | (2)16 x 20 x 1 |

① Isolated Combustion System. AFUE may vary based on poise.
② Energy Star®.
③ Direct drive 9 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.

**Table FUR-2-C — High Altitude Pressure Switch S9V2-VS 90% Furnaces**

| Model Number | Description | Used With | Shipping Weight |
|---|---|---|---|
| BAYHALT250 | 2 Switches | S9V2B040U3VSA | 2 |
| BAYHALT251 | 2 Switches | S9V2B060U3VSA | 2 |
| BAYHALT252 | 2 Switches | S9V2B080U4VSA, S9V2B080D4VSA, S9V2C100D4VSA | 2 |
| BAYHALT253 | 2 Switches | S9V2C100U4VSA | 2 |
| BAYHALT254 | 2 Switches | S9V2D120U5VSA | 2 |

# Convertible Gas Furnaces



| Table FUR-3-A — Features | S9V2-VS Variable Speed | S9V2 Variable Speed | S9X2 Multi-Speed |
|---|---|---|---|
| • 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) | — | — | ✔ |
| • Variable speed draft inducer motor | ✔ | — | — |
| • **Comfort-R™** enhanced mode (cooling) | ✔ | ✔ | — |
| • Standard 34" height | ✔ | ✔ | ✔ |
| • 3 Way poise Upflow furnace model (Upflow, Horzontal 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 | ✔ | ✔ | ✔ |
| • Integrated Furnace Control board with digital configuration, status, and fault codes | ✔ | ✔ | ✔ |
| • 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 | ✔ | ✔ | ✔ |
| • Dual PVC pipe venting (1 or 2 pipe option) | ✔ | ✔ | ✔ |
| • Two stage combination gas valve and regulator | ✔ | ✔ | ✔ |
| • Gasketed inner and outer door | ✔ | ✔ | ✔ |
| • 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 1% or less air leakage | ✔ | ✔ | ✔ |
| • **Limited lifetime heat exchanger warranty & 10-year on all other functional parts (Residential Use)** | ✔ | ✔ | ✔ |
| • **Optional extended warranties available** | ✔ | ✔ | ✔ |

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

| Table FUR-3-B — Optional Accessories | | | S9V2-VS 2 Stage 1 or 2 Pipe | S9V2 - 2 Stage 1 or 2 Pipe | S9X2 - 2 Stage 1 or 2 Pipe |
|---|---|---|---|---|---|
| Model Number | Description | Shipping Weight | | | |
| 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 | ✔ | ✔ | ✔ |
| MAYBFERCOLKITA ① | Heat Shield, B size cabinet | 3 | ✔ | ✔ | ✔ |
| MAYCFERCOLKITA ① | Heat Shield, C size cabinet | 3 | ✔ | ✔ | ✔ |
| MAYDFERCOLKITA ① | Heat Shield, D size cabinet | 3 | ✔ | ✔ | ✔ |
| BAYSF1165 | 16x20 1" side return filter rack | | ✔ | ✔ | ✔ |
| BAYSF1255 | 16x25 1" side return filter rack (bottom return for 17.5" cabinets) | | ✔ | ✔ | ✔ |
| BAYBURNERSS | Stainless steel natural gas burner kit | | ✔ | ✔ | ✔ |

① Required on furnaces manufactured on or after 7/3/19 (with date code 19273 or after) when installed with a 4MXC or 4GXC coils in upflow or horizontal position. Not required in Downflow orientation.

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



Effective 1/1/21
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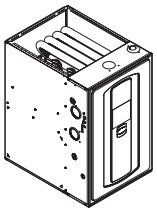
# S9X1 – Single Stage High Efficiency ECM

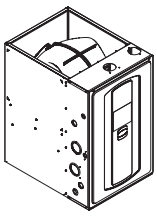




S9X1
Direct Vent
Upflow

**Table FUR-4-A — S9X1 High Efficiency 9 Speed ECM Motor, 1 Stage, Direct/Non-Direct Vent, Upflow/Horizontal Left/Horizontal Right Condensing Gas Furnace (120/1/60)③**

| Unit Model No. | Airflow In Tons | Nominal Output (BTUH) | ICS① AFUE | Flue Size (in) | Ignition Device | Uncrated Dimensions (in.) H x W x D | Shipping Weight (lbs.) | Max Fuse* | Filter Sizes** |
|---|---|---|---|---|---|---|---|---|---|
| S9X1B040U3PSBA | 3 | 38,800 | 96.0② | 2, 3, 4 | ④ | 34 x 17 1/2 x 28 3/4 | 122 | 15 | 16 x 25 x 1 |
| S9X1B060U4PSBA | 4 | 58,200 | 96.0② | 2, 3, 4 | ④ | 34 x 17 1/2 x 28 3/4 | 130 | 15 | 16 x 25 x 1 |
| S9X1B080U4PSBA | 4 | 77,600 | 96.0② | 2, 3, 4 | ④ | 34 x 17 1/2 x 28 3/4 | 135 | 15 | 16 x 25 x 1 |
| S9X1C080U5PSBA | 5 | 77,600 | 96.0② | 2, 3, 4 | ④ | 34 x 21 x 28 3/4 | 149 | 15 | 20 x 25 x 1 |
| S9X1C100U5PSBA | 5 | 97,000 | 95.0② | 2, 3, 4 | ④ | 34 x 21 x 28 3/4 | 155 | 15 | 20 x 25 x 1 |
| S9X1D120U5PSBA | 5 | 116,400 | 95.0② | 3, 4 | ④ | 34 x 24 1/2 x 28 3/4 | 167 | 15 | 24 x 25 x 1 |



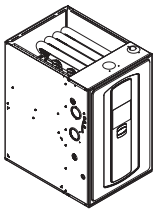
S9X1
Direct Vent
Downflow

**Table FUR-4-B — S9X1 High Efficiency 9 Speed ECM Motor, 1 Stage, Direct/Non-Direct Vent, Downflow Condensing Gas Furnace (120/1/60)③**

| Unit Model No. | Airflow In Tons | Nominal Output (BTUH) | ICS① AFUE | Flue Size (in) | Ignition Device | Uncrated Dimensions (in.) H x W x D | Shipping Weight (lbs.) | Max Fuse* | Filter Sizes** |
|---|---|---|---|---|---|---|---|---|---|
| S9X1B040D3PSBA | 3 | 38,800 | 96.0② | 2, 3, 4 | ④ | 34 x 17 1/2 x 28 3/4 | 122 | 15 | (2)14 x 20 x 1 |
| S9X1B060D3PSBA | 3 | 58,200 | 96.0② | 2, 3, 4 | ④ | 34 x 17 1/2 x 28 3/4 | 127 | 15 | (2)14 x 20 x 1 |
| S9X1B080D4PSBA | 4 | 77,600 | 95.0② | 2, 3, 4 | ④ | 34 x 17 1/2 x 28 3/4 | 135 | 15 | (2)14 x 20 x 1 |
| S9X1C100D5PSBA | 5 | 97,000 | 96.0② | 2, 3, 4 | ④ | 34 x 21 x 28 3/4 | 155 | 15 | (2)16 x 20 x 1 |
| S9X1D120D5PSBA | 5 | 116,400 | 95.0② | 3, 4 | ④ | 34 x 24 1/2 x 28 3/4 | 167 | 15 | (2)16 x 20 x 1 |

① Isolated Combustion System. AFUE may vary based on poise.
② Energy Star®.
③ Direct drive 9 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.

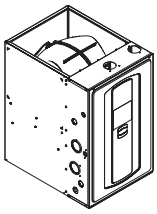
# S9B1 – Single Stage High Efficiency ECM



S9B1
Direct Vent
Upflow

**Table FUR-4-C — S9B1 High Efficiency 9 Speed ECM Motor, 1 Stage, Direct/Non-Direct Vent, Upflow/Horizontal Left/Horizontal Right Condensing Gas Furnace (120/1/60)③**

| Unit Model No. | Airflow In Tons | Nominal Output (BTUH) | ICS① AFUE | Flue Size (in) | Ignition Device | Uncrated Dimensions (in.) H x W x D | Shipping Weight (lbs.) | Max Fuse* | Filter Sizes** |
|---|---|---|---|---|---|---|---|---|---|
| S9B1B040U3PSAA | 3 | 38,800 | 92.1② | 2, 3, 4 | ④ | 34 x 17 1/2 x 28 3/4 | 122 | 15 | 16 x 25 x 1 |
| S9B1B060U4PSAA | 4 | 58,200 | 92.1② | 2, 3, 4 | ④ | 34 x 17 1/2 x 28 3/4 | 130 | 15 | 16 x 25 x 1 |
| S9B1B080U4PSAA | 4 | 77,600 | 92.1② | 2, 3, 4 | ④ | 34 x 17 1/2 x 28 3/4 | 135 | 15 | 16 x 25 x 1 |
| S9B1C080U5PSAA | 5 | 77,600 | 92.1② | 2, 3, 4 | ④ | 34 x 21 x 28 3/4 | 149 | 15 | 20 x 25 x 1 |
| S9B1C100U5PSAA | 5 | 97,000 | 92.1② | 2, 3, 4 | ④ | 34 x 21 x 28 3/4 | 155 | 15 | 20 x 25 x 1 |
| S9B1D120U5PSAA | 5 | 116,400 | 92.1② | 3, 4 | ④ | 34 x 24 1/2 x 28 3/4 | 167 | 15 | 24 x 25 x 1 |



S9B1
Direct Vent
Downflow

**Table FUR-4-D — S9B1 High Efficiency 9 Speed ECM Motor, 1 Stage, Direct/Non-Direct Vent, Downflow Condensing Gas Furnace (120/1/60)③**

| Unit Model No. | Airflow In Tons | Nominal Output (BTUH) | ICS① AFUE | Flue Size (in) | Ignition Device | Uncrated Dimensions (in.) H x W x D | Shipping Weight (lbs.) | Max Fuse* | Filter Sizes** |
|---|---|---|---|---|---|---|---|---|---|
| S9B1B040D3PSAA | 3 | 38,800 | 92.1② | 2, 3, 4 | ④ | 34 x 17 1/2 x 28 3/4 | 122 | 15 | (2)14 x 20 x 1 |
| S9B1B060D3PSAA | 3 | 58,200 | 92.1② | 2, 3, 4 | ④ | 34 x 17 1/2 x 28 3/4 | 127 | 15 | (2)14 x 20 x 1 |
| S9B1B080D4PSAA | 4 | 77,600 | 92.1② | 2, 3, 4 | ④ | 34 x 17 1/2 x 28 3/4 | 135 | 15 | (2)14 x 20 x 1 |
| S9B1C100D5PSAA | 5 | 97,000 | 92.1② | 2, 3, 4 | ④ | 34 x 21 x 28 3/4 | 155 | 15 | (2)16 x 20 x 1 |
| S9B1D120D5PSAA | 5 | 116,400 | 92.1② | 3, 4 | ④ | 34 x 24 1/2 x 28 3/4 | 167 | 15 | (2)16 x 20 x 1 |

① Isolated Combustion System. AFUE may vary based on poise.
② Energy Star® - U.S. South.
③ Direct drive 9 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.

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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# Convertible Gas Furnaces



| Table FUR-5-A — Features | S9X1 Multi- Speed | S9B1 Multi-Speed |
|---|---|---|
| • Dry contact Humidifier/EAC hook-up capability | ✔ | — |
| • Insulated blower compartment | ✔ | — |
| • Meets requirements for 1% or less air leakage ① | ✔ | — |
| • Standard 34" height | ✔ | ✔ |
| • 3 Way poise Upflow furnace model (Upflow, Horzontal 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 | ✔ | ✔ |
| • Integrated Furnace Control board with digital configuration, status, and fault codes | ✔ | ✔ |
| • Alpha-numeric diagnostic codes | ✔ | ✔ |
| • 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, 9 speed ECM blower motor - Constant torque ECM (electronically commutated motor) | ✔ | ✔ |
| • Dual PVC pipe venting (1 or 2 pipe option) | ✔ | ✔ |
| • Single-stage combination gas valve and regulator | ✔ | ✔ |
| • Gasketed inner and outer door | ✔ | ✔ |
| • Heavy gauge reinforced wrap-around steel cabinet | ✔ | ✔ |
| • 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 | ✔ | ✔ |
| • 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 | ✔ | ✔ |
| • **Limited lifetime heat exchanger warranty & 10-year on all other functional parts (Residential Use)** | ✔ | ✔ |
| • **Optional extended warranties available** | ✔ | ✔ |

① 1.4% on S9B1 models.

| Table FUR-5-B — Optional Accessories | | | S9X1 - 1 Stage 1 or 2 Pipe | S9B1 - 1 Stage 1 or 2 Pipe |
|---|---|---|---|---|
| Model Number | Description | Shipping Weight | | |
| 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 | ✔ | ✔ |
| MAYBFERCOLKITA 2 | Heat Shield, B size cabinet | 3 | ✔ | ✔ |
| MAYCFERCOLKITA 2 | Heat Shield, C size cabinet | 3 | ✔ | ✔ |
| MAYDFERCOLKITA 2 | Heat Shield, D size cabinet | 3 | ✔ | ✔ |
| BAYSF1165 | 16x20 1" side return filter rack | | ✔ | ✔ |
| BAYSF1255 | 16x25 1" side return filter rack (bottom return for 17.5" cabinets) | | ✔ | ✔ |
| BAYBURNERSS | Stainless steel natural gas burner kit | | ✔ | ✔ |

② Required on furnaces manufactured on or after 7/3/19 (with date code 19273 or after) when installed with a 4MXC or 4GXC coils in upflow or horizontal position. Not required in Downflow orientation.

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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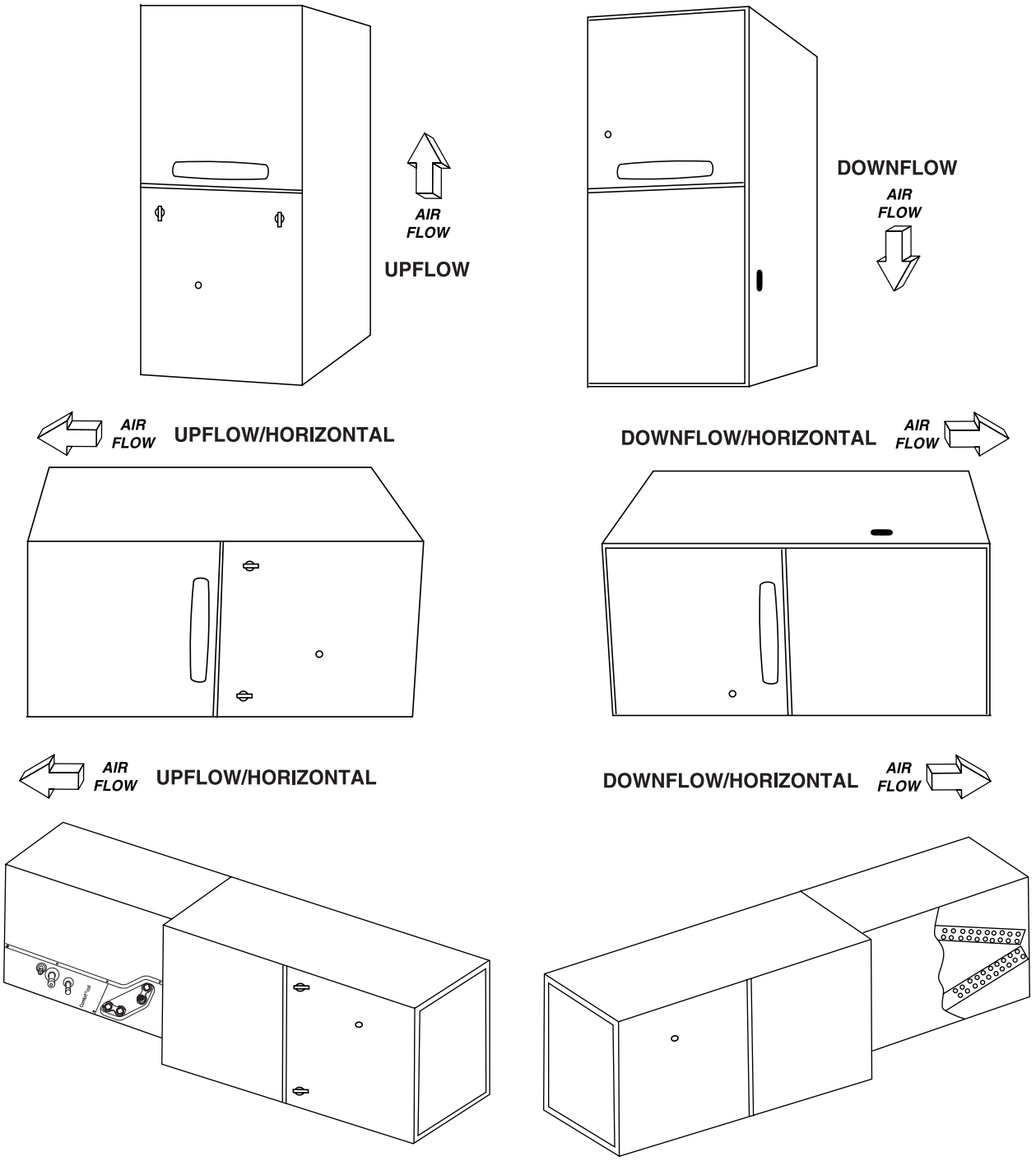
BUILT TO A HIGHER STANDARD®

American Standard®
HEATING & AIR CONDITIONING

# Platinum 95 Convertible Gas Furnace 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.



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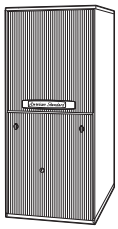
# Platinum 95 – Modulating, Communicating ECM Variable Speed



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

### Table FUR-7-A — Platinum 95 Variable Speed, Communicating, Modulating Direct/Non-Direct Vent, Upflow/ Horizontal Left Condensing Gas Furnace (115/1/60)④⑤⑦

| Unit Model No. | Airflow In Tons | Output (Btuh) High Stage 100% | Output (Btuh) Low Stage 40%③ | ICS① AFUE Upflow / Horiz | Flue Size (in) | Uncrated Dimensions (in.) H x W x D | Shipping Weight (lbs.) | Max Fuse* | Filter Sizes** |
|---|---|---|---|---|---|---|---|---|---|
| AUHMB060ACV3VB | 3 | 57,000 | 23,000 | 97.3② / 96.5② | 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 | 97.0② / 96.2② | 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 | 96.0② / 95.2② | 2$^1/_2$, 3 | 40 x 21 x 28 | 197 | 15 | 20 x 25 x 1 |
| AUHMD120ACV5VB | 5 | 114,000 | 52,000 | 97.0② / 96.2② | 3 | 40 x 24$^1/_2$ x 28 | 206 | 15 | 24 x 25 x 1 |

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

### Table FUR-7-B — Platinum 95 Variable Speed, Communicating Modulating Direct/Non-Direct Vent, Downflow/Horizontal Right Condensing Gas Furnace (115/1/60)④⑤⑦

| Unit Model No. | Airflow In Tons | Output (Btuh) High Stage 100% | Output (Btuh) Low Stage 40% | ICS① AFUE | Flue Size (in) | Ignition Device | Uncrated Dimensions (in.) H x W x D | Shipping Weight (lbs.) | Max Fuse* | Filter Sizes |
|---|---|---|---|---|---|---|---|---|---|---|
| ADHMB060BCV3VB | 3 | 57,000 | 22,800 | 95.0② | 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 | 96.0② | 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 | 96.0② | 2$^1/_2$, 3 | ⑥ | 40 x 21 x 28 | 185 | 15 | (2)16 x 20 x 1 |
| ADHMD120BCV5VB | 5 | 114,000 | 51,300 | 95.0② | 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.

# Platinum 95, 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 |
|---|---|
| • **Comfort-R™** enhanced mode (cooling) | ✔ |
| • **AccuLink™ II** system① | ✔ |
| • 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, variable speed ECM blower motor** | ✔ |
| • Downflow horizontal right (downflow models only) | ✔ |
| • Dual PVC pipe venting (1 or 2 pipe option) | ✔ |
| • 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 | ✔ |
| • Multi-port in shot burners | ✔ |
| • Painted cabinet two tone color | ✔ |
| • Service diagnostic capabilities | ✔ |
| • Side return duct starter tabs (upflow models only) | ✔ |
| • Silicon Nitride hot surface igniter | ✔ |
| • 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 | ✔ |
| • **Limited lifetime heat exchanger warranty & 10-year on all other functional parts (Residential Use)** | ✔ |
| • **Optional extended warranties available** | ✔ |

Note: Variable speed furnaces should not be twinned and are not approved for twinning applications.
① Field configurable to 24V non-communicating mode.
*Constant torque ECM (electronically commutated motor).
**Constant airflow ECM (electronically commutated motor).

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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# Platinum 95, 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-9-A — Optional Accessories

| Model Number | Description | Shipping Weight | AUHM/ADHM Modulating 1 or 2 Pipe Variable Speed |
|---|---|---|---|
| BAYBASE205 | Downflow subbase for downflow models only | 8 | ✔ |
| BAYFLTR200 | External side filter rack | 5 | ✔ |
| BAYFLTR317① | Cleanable filter for 17.5" cabinet upflow only | 2 | ✔ |
| BAYFLTR321① | Cleanable filter for 21" cabinet upflow only | 2 | ✔ |
| BAYFLTR324① | Cleanable filter for 24.5" cabinet upflow only | 2 | ✔ |
| BAYLPKT220B | Propane conversion kit | 2 | ✔ |
| BAYLPSS220C | LP Kit with Stainless Steel Burners | 2 | ✔ |
| BAYRACK960A③ | Filter rack kit for upflow models only (internal)② | 5 | ✔ |
| 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 | ✔ |
| BAYVENT200B | Sidewall vent Termination Kit fo Direct vent furnaces | 2 | ✔ |
| BAYVENTCN200B | Sidewall vent Termination Kit fo Direct vent furnaces for Canadian applications | 2 | ✔ |
| BAYVENT500A | Side vent kit for downflow models only | 3 | ADHM |
| BAYACCECOMM101 | AccuClean™ hookup kit for communicating furnaces | 1 | ✔ |

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.
③ BAYRACK960A not allowed on right side return on AUH2B080A9V4V** models.

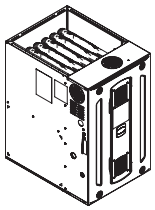
# Special Use Furnace Accessories



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

| Model Number | Description | Used With | Shipping Weight |
|---|---|---|---|
| BAYSWT07AHALTA | 1 Switch | AUHMB060, AHMB060 | 2 |
| BAYSWT08AHALTA | 1 Switch | AUHMD120, ADHMD120 | 2 |
| BAYSWT09AHALTA | 1 Switch | AUHMB080, ADHMB080, AUHMC100, ADHMC100 | 2 |

# S8X2 – Two Stage ECM



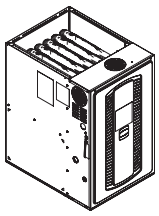
S8X2
4-Way
Multi-Poise

**Table FUR-11-A — S8X2 2 Stage, Upflow/Downflow/Horizontal Left/Horizontal Right, Non-Condensing, Induced Draft Gas Furnace (120/1/60)②**

| Unit Model Number | Airflow In Tons | Output (Btuh) Stage 2 | Output (Btuh) Stage 1 | ICS① AFUE | Flue Size (in) | Ignition Device | Uncrated Dimensions (in.) H x W x D | Shipping Weight (lbs.) | Max Fuse* | Filter Sizes** |
|---|---|---|---|---|---|---|---|---|---|---|
| S8X2A040M3PSAB | 2-3 | 32,000 | 20,800 | 80.0 | 4 | ③ | 34 x 14 1/2 x 28 3/4 | 102 | 15 | 14 x 25 x 1 |
| S8X2B060M3PSAB | 3 | 48,000 | 31,200 | 80.0 | 4 | ③ | 34 x 17 1/2 x 28 3/4 | 130 | 15 | 16 x 25 x 1 |
| S8X2B060M4PSAB | 4 | 48,000 | 31,200 | 80.0 | 4 | ③ | 34 x 17 1/2 x 28 3/4 | 132 | 15 | 16 x 25 x 1 |
| S8X2B080M4PSBA | 3-4 | 64,000 | 41,600 | 80.0 | 4 | ③ | 34 x 17 1/2 x 28 3/4 | 137 | 15 | 16 x 25 x 1 |
| S8X2C080M5PSAB | 4-5 | 64,000 | 41,600 | 80.0 | 4 | ③ | 34 x 21 x 28 3/4 | 142 | 15 | 20 x 25 x 1 |
| S8X2C100M5PSAB | 4-5 | 80,000 | 52,000 | 80.0 | 4 | ③ | 34 x 21 x 28 3/4 | 144 | 15 | 20 x 25 x 1 |
| S8X2D120M5PSBA | 5 | 96,000 | 67,200 | 80.0 | 4 | ③ | 34 x 24 1/2 x 28 3/4 | 160 | 15 | 24 x 25 x 1 |
| **Low NOx Models ④** | | | | | | | | | | |
| S8X2A040M3PTAB | 2-3 | 32,000 | 20,800 | 80.0 | 4 | ③ | 34 x 14 1/2 x 28 3/4 | 102 | 15 | 14 x 25 x 1 |
| S8X2B060M3PTAB | 3 | 48,000 | 31,200 | 80.0 | 4 | ③ | 34 x 17 1/2 x 28 3/4 | 130 | 15 | 16 x 25 x 1 |
| S8X2B060M4PTAB | 4 | 48,000 | 31,200 | 80.0 | 4 | ③ | 34 x 17 1/2 x 28 3/4 | 132 | 15 | 16 x 25 x 1 |
| S8X2B080M4PTBA | 3-4 | 64,000 | 41,600 | 80.0 | 4 | ③ | 34 x 17 1/2 x 28 3/4 | 137 | 15 | 16 x 25 x 1 |
| S8X2C080M5PTAB | 4-5 | 64,000 | 41,600 | 80.0 | 4 | ③ | 34 x 21 x 28 3/4 | 142 | 15 | 20 x 25 x 1 |
| S8X2C100M5PTAB | 4-5 | 80,000 | 52,000 | 80.0 | 4 | ③ | 34 x 21 x 28 3/4 | 144 | 15 | 20 x 25 x 1 |
| S8X2D120M5PTBA | 5 | 96,000 | 67,200 | 80.0 | 4 | ③ | 34 x 24 1/2 x 28 3/4 | 160 | 15 | 24 x 25 x 1 |

① Isolated Combustion System.
② 9 Speed direct drive motor is an ECM constant torque motor.
③ Silicon Nitride Igniter.
④ These models comply with California 40ng/J Low NOx regulations.
* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.
** Filters are not shipped with furnace.

# S8X1 – Single Stage ECM



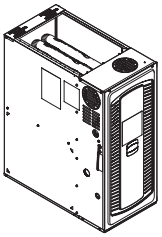
S8X1
4-Way
Multi-Poise

**Table FUR-11-B — S8X1 1 Stage, Upflow/Downflow/Horizontal Left/Horizontal Right, Non-Condensing, Induced Draft Gas Furnace (120/1/60)②**

| Unit Model Number | Airflow In Tons | Nominal Output (Btuh) | ICS① AFUE | Flue Size (in) | Ignition Device | Uncrated Dimensions (in.) H x W x D | Shipping Weight (lbs.) | Max Fuse* | Filter Sizes** |
|---|---|---|---|---|---|---|---|---|---|
| S8X1A026M2PSAB | 2 | 20,800 | 80.0 | 4 | ③ | 34 x 14 1/2 x 28 3/4 | 102 | 15 | 14 x 25 x 1 |
| S8X1A040M3PSAB | 2-3 | 32,000 | 80.0 | 4 | ③ | 34 x 14 1/2 x 28 3/4 | 102 | 15 | 14 x 25 x 1 |
| S8X1B040M2PSAB | 2 | 32,000 | 80.0 | 4 | ③ | 34 x 17 1/2 x 28 3/4 | 128 | 15 | 16 x 25 x 1 |
| S8X1B060M3PSAB | 3 | 48,000 | 80.0 | 4 | ③ | 34 x 17 1/2 x 28 3/4 | 130 | 15 | 16 x 25 x 1 |
| S8X1B060M4PSAB | 4 | 48,000 | 80.0 | 4 | ③ | 34 x 17 1/2 x 28 3/4 | 132 | 15 | 16 x 25 x 1 |
| S8X1B080M4PSBA | 3-4 | 64,000 | 80.0 | 4 | ③ | 34 x 17 1/2 x 28 3/4 | 137 | 15 | 16 x 25 x 1 |
| S8X1C080M5PSAB | 4-5 | 64,000 | 80.0 | 4 | ③ | 34 x 21 x 28 3/4 | 142 | 15 | 20 x 25 x 1 |
| S8X1C100M5PSAB | 4-5 | 80,000 | 80.0 | 4 | ③ | 34 x 21 x 28 3/4 | 144 | 15 | 20 x 25 x 1 |
| S8X1D120M5PSBA | 5 | 96,000 | 80.0 | 4 | ③ | 34 x 24 1/2 x 28 3/4 | 160 | 15 | 24 x 25 x 1 |
| **Low NOx Models ④** | | | | | | | | | |
| S8X1A026M2PTAB | 2 | 20,800 | 80.0 | 4 | ③ | 34 x 14 1/2 x 28 3/4 | 102 | 15 | 14 x 25 x 1 |
| S8X1A040M3PTAB | 2-3 | 32,000 | 80.0 | 4 | ③ | 34 x 14 1/2 x 28 3/4 | 102 | 15 | 14 x 25 x 1 |
| S8X1B040M2PTAB | 2 | 32,000 | 80.0 | 4 | ③ | 34 x 17 1/2 x 28 3/4 | 128 | 15 | 16 x 25 x 1 |
| S8X1B060M3PTAB | 3 | 48,000 | 80.0 | 4 | ③ | 34 x 17 1/2 x 28 3/4 | 130 | 15 | 16 x 25 x 1 |
| S8X1B060M4PTAB | 4 | 48,000 | 80.0 | 4 | ③ | 34 x 17 1/2 x 28 3/4 | 132 | 15 | 16 x 25 x 1 |
| S8X1B080M4PTBA | 3-4 | 64,000 | 80.0 | 4 | ③ | 34 x 17 1/2 x 28 3/4 | 137 | 15 | 16 x 25 x 1 |
| S8X1C080M5PTAB | 4-5 | 64,000 | 80.0 | 4 | ③ | 34 x 21 x 28 3/4 | 142 | 15 | 20 x 25 x 1 |
| S8X1C100M5PTAB | 4-5 | 80,000 | 80.0 | 4 | ③ | 34 x 21 x 28 3/4 | 144 | 15 | 20 x 25 x 1 |
| S8X1D120M4PTBA | 5 | 96,000 | 80.0 | 4 | ③ | 34 x 24 1/2 x 28 3/4 | 160 | 15 | 24 x 25 x 1 |

① Isolated Combustion System.
② 9 Speed direct drive motor is an ECM constant torque motor.
③ Silicon Nitride Igniter.
④ These models comply with California 40ng/J Low NOx regulations.
* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.
** Filters are not shipped with furnace.

# S8B1 – Single Stage ECM



S8B1
4-Way
Multi-Poise

**Table FUR-12-A — S8B1 1 Stage, Upflow/Downflow/Horizontal Left/Horizontal Right, Non-Condensing, Induced Draft Gas Furnace (120/1/60)②**

| Unit Model Number | Airflow In Tons | Nominal Output (Btuh) | ICS① AFUE | Flue Size (in) | Ignition Device | Uncrated Dimensions (in.) H x W x D | Shipping Weight (lbs.) | Max Fuse* | Filter Sizes** |
|---|---|---|---|---|---|---|---|---|---|
| S8B1A026M2PSAB | 2 | 20,800 | 80.0 | 4 | ③ | 34 x 14½ x 28¾ | 102 | 15 | 14 x 25 x 1 |
| S8B1A040M3PSAB | 2-3 | 32,000 | 80.0 | 4 | ③ | 34 x 14½ x 28¾ | 102 | 15 | 14 x 25 x 1 |
| S8B1B040M2PSAB | 2 | 32,000 | 80.0 | 4 | ③ | 34 x 17½ x 28¾ | 128 | 15 | 16 x 25 x 1 |
| S8B1B060M3PSAB | 3 | 48,000 | 80.0 | 4 | ③ | 34 x 17½ x 28¾ | 130 | 15 | 16 x 25 x 1 |
| S8B1B060M4PSAB | 4 | 48,000 | 80.0 | 4 | ③ | 34 x 17½ x 28¾ | 132 | 15 | 16 x 25 x 1 |
| S8B1B080M4PSBA | 3-4 | 64,000 | 80.0 | 4 | ③ | 34 x 17½ x 28¾ | 137 | 15 | 16 x 25 x 1 |
| S8B1C080M5PSAB | 4-5 | 64,000 | 80.0 | 4 | ③ | 34 x 21 x 28¾ | 142 | 15 | 20 x 25 x 1 |
| S8B1C100M5PSAB | 4-5 | 80,000 | 80.0 | 4 | ③ | 34 x 21 x 28¾ | 144 | 15 | 20 x 25 x 1 |
| S8B1D120M5PSBA | 5 | 96,000 | 80.0 | 4 | ③ | 34 x 24½ x 28¾ | 160 | 15 | 24 x 25 x 1 |
| **Low NOx Models ④** | | | | | | | | | |
| S8B1A026M2PTAB | 2 | 20,800 | 80.0 | 4 | ③ | 34 x 14½ x 28¾ | 102 | 15 | 14 x 25 x 1 |
| S8B1A040M3PTAB | 2-3 | 32,000 | 80.0 | 4 | ③ | 34 x 14½ x 28¾ | 102 | 15 | 14 x 25 x 1 |
| S8B1B040M2PTAB | 2 | 32,000 | 80.0 | 4 | ③ | 34 x 17½ x 28¾ | 128 | 15 | 16 x 25 x 1 |
| S8B1B060M3PTAB | 3 | 48,000 | 80.0 | 4 | ③ | 34 x 17½ x 28¾ | 130 | 15 | 16 x 25 x 1 |
| S8B1B060M4PTAB | 4 | 48,000 | 80.0 | 4 | ③ | 34 x 17½ x 28¾ | 132 | 15 | 16 x 25 x 1 |
| S8B1B080M4PTBA | 3-4 | 64,000 | 80.0 | 4 | ③ | 34 x 17½ x 28¾ | 137 | 15 | 16 x 25 x 1 |
| S8B1C080M5PTAB | 4-5 | 64,000 | 80.0 | 4 | ③ | 34 x 21 x 28¾ | 142 | 15 | 20 x 25 x 1 |
| S8B1C100M5PTAB | 4-5 | 80,000 | 80.0 | 4 | ③ | 34 x 21 x 28¾ | 144 | 15 | 20 x 25 x 1 |
| S8B1D120M5PTBA | 5 | 96,000 | 80.0 | 4 | ③ | 34 x 24½ x 28¾ | 160 | 15 | 24 x 25 x 1 |

① Isolated Combustion System.
② 9 Speed direct drive motor is an ECM constant torque motor.
③ Silicon Nitride Igniter.
④ These models comply with California 40ng/J Low NOx regulations.
* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.
** Filters are not shipped with furnace.

# Convertible Gas Furnaces

**Table FUR-12-B — High Altitude Pressure Switch S8 Furnaces**

| Model Number | Description | Used With | Shipping Weight |
|---|---|---|---|
| BAYSWT14AHALTB | 1 Switch | S8X1C080M5PSAB①, S8X1C100M5PSAB① S8B1C080M5PSAB①, S8B1C100M5PSAB① | 2 |
| BAYSWT15AHALTA | 1 Switch | S8X1B060M3PSAB①, S8X1B060M4PSAB①, S8X1B080M4PSBA①, S8B1B060M3PSAB①, S8B1B060M4PSAB①, S8B1B080M4PSBA① | 2 |
| BAYSWT16AHALTA | 2 Switches | S8X2C080M5PSAB① | 2 |
| BAYSWT17AHALTA | 2 Switches | S8X2B060M3PSAB, S8X2B060M4PSAB | 2 |
| BAYSWT18AHALTA | 2 Switches | S8X2B080M4PSBA① | 2 |
| BAYSWT19AHALTA | 2 Switches | S8X2C100M5PSAB① | 2 |
| BAYSWT20AHALTA | 1 Switch | S8X1A026M2PSAB①, S8B1A026M2PSAB① | 2 |
| BAYSWT21AHALTA | 1 Switch | S8X1A040M3PSAB①, S8X1A040M3PSAB①, S8X1B040M2PSAB ①, S8B1B040M2PSAB ① | 2 |
| BAYSWT22AHALTA | 2 Switches | S8X2A040M3PSAB① | 2 |
| BAYSWT23AHALTA | 2 Switches | S8X2B060M3PSAB②, S8X2B060M4PSA② | 2 |

Note: S8X1D120M5, S8B1D120M5 and S8X2D120M5 do not require high altitude pressure switch kits.
① SAAA & later or TAAA & later
② SAAB & later or TAAA & later

# Convertible Gas Furnaces



| Table FUR-13-A — Features | S8X2 2 Stage | S8X1 1 Stage | S8B1 1 Stage |
|---|---|---|---|
| • Two stage combination gas valve and regulator | ✔ | — | — |
| • Dry contact Humidifier/EAC hook-up capability | ✔ | ✔ | — |
| • Insulated blower compartment ① | ✔ | ✔ | — |
| • Meets requirements for 1% or less air leakage ② | ✔ | ✔ | — |
| • Painted cabinet two tone color | ✔ | ✔ | — |
| • Standard 34" height | ✔ | ✔ | ✔ |
| • 4 Way poise (Upflow, Downflow, Horizontal Left, Horizontal Right) | ✔ | ✔ | ✔ |
| • Front service access with easily accessible burners, sensors, orifices, switches, and other components | ✔ | ✔ | ✔ |
| • Cabinet has no knockouts - Plastic plugs come installed from factory | ✔ | ✔ | ✔ |
| • Gas can enter either side of cabinet | ✔ | ✔ | ✔ |
| • Multiple venting options - Every model, every size offers two venting options | ✔ | ✔ | ✔ |
| • Integrated Furnace Control board with digital configuration, status, and fault codes | ✔ | ✔ | ✔ |
| • Alpha-numeric diagnostic codes | ✔ | ✔ | ✔ |
| • Adjustable blower off delay for heating and cooling | ✔ | ✔ | ✔ |
| • Last six fault codes are stored (even with power loss) | ✔ | ✔ | ✔ |
| • Aluminized heat exchanger tubes | ✔ | ✔ | ✔ |
| • Longer IFC wire harnesses allow door to be removed without disconnecting the harness | ✔ | ✔ | ✔ |
| • Alternate bottom/left/right return air (except downflow) | ✔ | ✔ | ✔ |
| • Bottom panel | ✔ | ✔ | ✔ |
| • Direct drive, 9 speed Constant Torque ECM blower motor | ✔ | ✔ | ✔ |
| • Heavy gauge reinforced wrap-around steel cabinet | ✔ | ✔ | ✔ |
| • Service diagnostics with faults reported on IFC board | ✔ | ✔ | ✔ |
| • Manual reset flame roll out switches | ✔ | ✔ | ✔ |
| • Multi-port in shot burners | ✔ | ✔ | ✔ |
| • Service diagnostic capabilities | ✔ | ✔ | ✔ |
| • **Vortica™ II** blower housing | ✔ | ✔ | ✔ |
| • Slide out blower assembly on full-length rails | ✔ | ✔ | ✔ |
| • Side return duct starter tabs | ✔ | ✔ | ✔ |
| • Silicon Nitride 120V hot surface igniter | ✔ | ✔ | ✔ |
| • Multiple heating blower speeds | ✔ | ✔ | ✔ |
| • **20-year limited warranty on the heat exchanger & 10-year on all other functional parts (Residential Use)** | ✔ | ✔ | ✔ |
| • **Optional extended warranties available** | ✔ | ✔ | ✔ |

① 14.5" cabinets do not have blower compartment insulation
② 1.4% leakage on S8B1 models

| Table FUR-13-B — Optional Accessories | | | S8X2 2 Stage | S8X1 1 Stage | S8B1 1 Stage |
|---|---|---|---|---|---|
| Model Number | Description | Shipping Weight | | | |
| BAYLPSS400B | LP Kit with Stainless Steel Burners | 3 | ✔ | (except 026) | (except 026) |
| BAYLPSS410B | LP Kit with Stainless Steel Burners | 3 | — | S8X1A026 | S8B1A026 |
| BAYHANG | Horizontal hanging kit | 2 | ✔ | ✔ | ✔ |
| BAYSF1165A | 1" SlimFit Box with MERV 4 Filter (side return) | 5 | ✔ | ✔ | ✔ |
| BAYVENT600A① | Internal venting kit | 11 | ✔ | ✔ | ✔ |
| BAYVENT800B | Masonry Chimney Vent Kit | 11 | ✔ | ✔ | ✔ |
| PIP02095 | U fitting for gas piping | 1 | ✔ | ✔ | ✔ |
| BAYLIFTB | Dual return kit. B cabinet size extension | 8 | ✔ | ✔ | ✔ |
| BAYLIFTC | Dual return kit. C cabinet size extension | 9 | ✔ | ✔ | ✔ |
| BAYLIFTD | Dual return kit. D cabinet size extension | 9 | ✔ | ✔ | ✔ |
| BAYBASE205 | Downflow subbase | 8 | ✔ | ✔ | ✔ |
| BAYFLTR206 | Filter Access Door Kit (Downflow only) | 2 | ✔ | ✔ | ✔ |
| BAYSF1165 | 16x20 1" side return filter rack | | ✔ | ✔ | ✔ |
| BAYSF1255 | 16x25 1" side return filter rack (bottom return for 17.5" cabinets) | | ✔ | ✔ | ✔ |
| BAYBURNERSS | Stainless steel natural gas burner kit | | ✔ | ✔ | ✔ |

① Compatible with B, C, and D width cabinets.

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



Effective 1/1/21
14-1011-38

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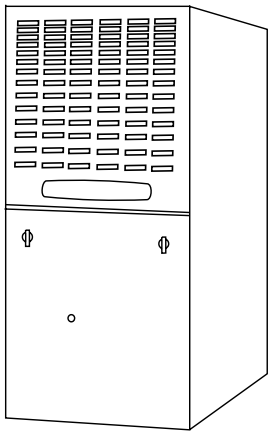
American Standard®

HEATING & AIR CONDITIONING

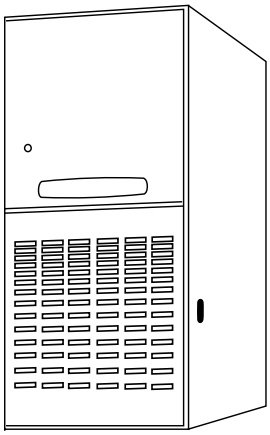
# Platinum 80, Gold 80v Airflow Directions





AIR FLOW

UPFLOW



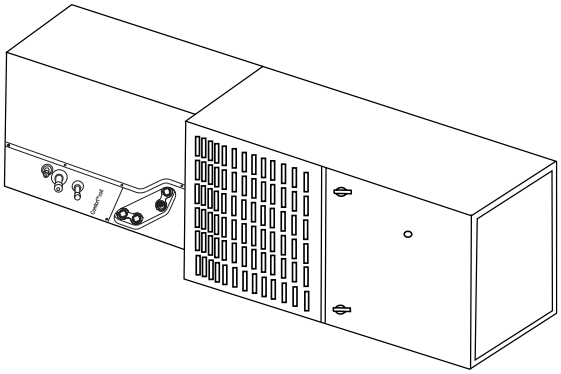
DOWNFLOW

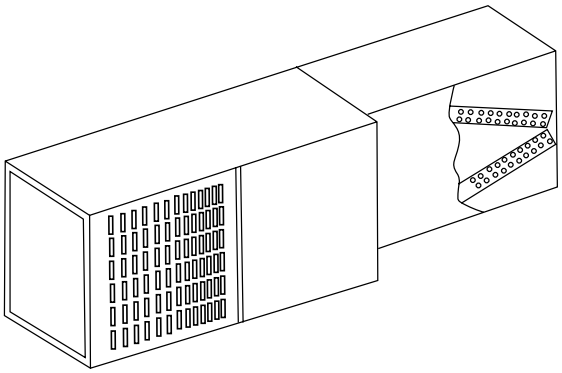
AIR FLOW

AIR FLOW

UPFLOW, DOWNFLOW, HORIZONTAL LEFT OR RIGHT

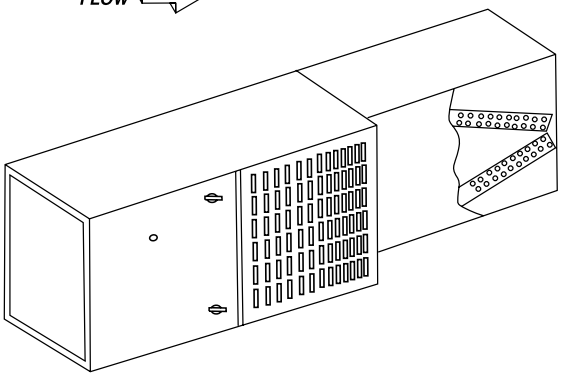
AIR FLOW





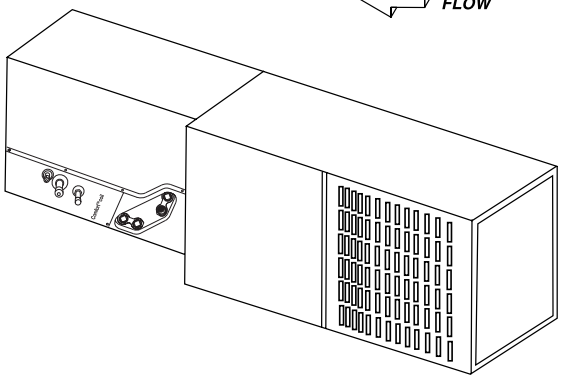
AIR FLOW

UPFLOW



DOWNFLOW

AIR FLOW

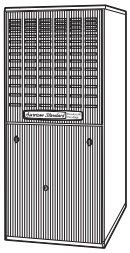


**Note:** The non-condensing, forty inch (40") height furnaces may be laid on either side for horizontal application. Connection brackets for coil/furnace alignment are included with the furnaces. The apex of the coil may point into or away from the airflow.

BUILT TO A HIGHER STANDARD®

American Standard®
HEATING & AIR CONDITIONING

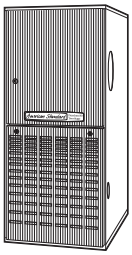
# Platinum 80 – Communicating Two Stage ECM Variable Speed



**Platinum 80 Upflow**

**Table FUR-15-A — Platinum 80 Upflow/Horizontal Left or Right Induced Draft Gas Furnace (115/1/60)①②④**

| Unit Model Number | Airflow In Tons | Output (Btuh) Stage 2 | Output (Btuh) Stage 1 | ICS① AFUE | Flue Size (in) | Ignition Device | Uncrated Dimensions (in.) H x W x D | Shipping Weight (lbs.) | Max Fuse* | Filter Sizes** |
|---|---|---|---|---|---|---|---|---|---|---|
| AUD2B060ACV32B | 3 | 48,000 | 31,200 | 80.0 | 4 | ① | 40 x 17½ x 28 | 136 | 15 | 17 x 25 x 1 |
| AUD2B080ACV32B | 3 | 64,000 | 41,600 | 80.0 | 4 | ① | 40 x 17½ x 28 | 142 | 15 | 17 x 25 x 1 |
| AUD2C080ACV42B | 4 | 64,000 | 41,600 | 80.0 | 4 | ① | 40 x 21 x 28 | 155 | 15 | 20 x 25 x 1 |
| AUD2C100ACV52B | 5 | 79,000 | 52,000 | 80.0 | 4 | ① | 40 x 21 x 28 | 175 | 15 | 20 x 25 x 1 |
| AUD2D120ACV52B | 5 | 97,000 | 62,400 | 80.0 | 4 | ① | 40 x 24½ x 28 | 193 | 15 | 24 x 25 x 1 |
| AUD2D140ACV52B | 5 | 111,000 | 72,800 | 80.0 | 4 | ① | 40 x 24½ x 28 | 197 | 15 | 24 x 25 x 1 |



**Platinum 80 Downflow**

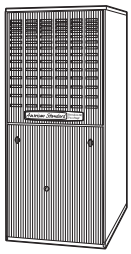
**Table FUR-15-B — Platinum 80 Downflow/Horizontal Left or Right Induced Draft Gas Furnace (115/1/60)①②④**

| Unit Model Number | Airflow In Tons | Output (Btuh) Stage 2 | Output (Btuh) Stage 1 | ICS① AFUE | Flue Size (in) | Ignition Device | Uncrated Dimensions (in.) H x W x D | Shipping Weight (lbs.) | Max Fuse* | Filter Sizes** |
|---|---|---|---|---|---|---|---|---|---|---|
| ADD2B060ACV32B | 3 | 48,000 | 31,200 | 80.0 | 4 | ① | 40 x 17½ x 28 | 140 | 15 | (2) 14 x 20 x 1 |
| ADD2B080ACV32B | 3 | 63,000 | 41,600 | 80.0 | 4 | ① | 40 x 17½ x 28 | 146 | 15 | (2) 14 x 20 x 1 |
| ADD2C100ACV52B | 5 | 81,000 | 52,000 | 80.0 | 4 | ① | 40 x 21 x 28 | 166 | 15 | (2) 16 x 20 x 1 |
| ADD2D120ACV52B | 5 | 95,000 | 62,400 | 80.0 | 4 | ① | 40 x 24½ 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 Silicon Nitride Igniter.
② Must use communicating thermostat with ComfortLink™ II control.
③ Field convertible to 24V non-communicating.
④ Direct drive variable speed motor is an ECM constant airflow blower motor.
⑤ 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

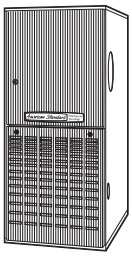
# Gold 80v – Two Stage ECM Variable Speed



**Gold 80v Upflow**

**Table FUR-15-C — Gold 80v Upflow/Horizontal Left or Right Induced Draft Gas Furnace (115/1/60) ②**

| Unit Model Number | Airflow In Tons | Output (Btuh) Stage 2 | Output (Btuh) Stage 1 | ICS③ AFUE | Flue Size (in) | Ignition Device | Uncrated Dimensions (in.) H x W x D | Shipping Weight (lbs.) | Max Fuse* | Filter Sizes** |
|---|---|---|---|---|---|---|---|---|---|---|
| AUD2B060A9V3VB | 3 | 48,000 | 31,200 | 80.0 | 4 | Silicon Nitride | 40 x 17½ x 28 | 136 | 15 | 17 x 25 x 1 |
| AUD2B080A9V3VB | 3 | 64,000 | 41,600 | 80.0 | 4 | Silicon Nitride | 40 x 17½ 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 |
| AUD2C080B9V4VB① | 4 | 64,000 | 41,600 | 80.0 | 4 | Silicon Nitride | 40 x 21 x 28 | 166 | 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 |
| AUD2C100B9V5VB① | 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 24½ x 28 | 193 | 20 | 24 x 25 x 1 |
| AUD2D120B9V5VB① | 5 | 97,000 | 62,400 | 80.0 | 4 | Silicon Nitride | 40 x 24½ x 28 | 193 | 20 | 24 x 25 x 1 |



**Gold 80v Downflow**

**Table FUR-15-D — Gold 80v Downflow/Horizontal Left or Right Induced Draft Gas Furnace (115/1/60) ②**

| Unit Model Number | Airflow In Tons | Output (Btuh) Stage 2 | Output (Btuh) Stage 1 | ICS③ AFUE | Flue Size (in) | Ignition Device | Uncrated Dimensions (in.) H x W x D | Shipping Weight (lbs.) | Max Fuse* | Filter Sizes** |
|---|---|---|---|---|---|---|---|---|---|---|
| ADD2B060A9V3VA | 3 | 48,000 | 31,200 | 80.0 | 4 | Silicon Nitride | 40 x 17½ x 28 | 140 | 15 | (2) 14 x 20 x 1 |
| ADD2B080A9V3VA | 3 | 63,000 | 41,600 | 80.0 | 4 | Silicon Nitride | 40 x 17½ 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 24½ 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.

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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# Platinum 80, Gold 80v, Convertible Gas Furnaces



| Table FUR-16-A — Features | AUD2/ACV ADD2/ACV 2-Stage ① | AUD2-9V ADD-9V 2-Stage ① |
|---|---|---|
| • Service diagnostics with faults reported at the user interface | ✔ | — |
| • **AccuLink™** 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 | ✔ | — |
| • 3-way vent option on downflow models (top,right or left) (downflow models only) | — | ✔ |
| • 24 volt secondary fuse | — | ✔ |
| • Variable speed ECM blower motor* | ✔ | ✔ |
| • **Comfort-R™** enhanced mode (cooling) | ✔ | ✔ |
| • 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 | ✔ | ✔ |
| • 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 (upflow models) | ✔ | ✔ |
| • Multi-port in shot burners | ✔ | ✔ |
| • 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 | ② | ✔ |
| • Service diagnostic capabilities | ✔ | ✔ |
| • Side return starter tabs (upflow models only) | ✔ | ✔ |
| • Silicon Nitride hot surface igniter with adaptive heat up | ✔ | ✔ |
| • Single door filter access | ✔ | ✔ |
| • Slide out blower assembly | ✔ | ✔ |
| • 20 gauge aluminized steel heat exchanger | ✔ | ✔ |
| • Four heating blower speeds | ✔ | ✔ |
| • Two speed venter motor | ✔ | ✔ |
| • Two tone color | ✔ | ✔ |
| • Two-stage gas valve | ✔ | ✔ |
| • **Limited lifetime heat exchanger warranty & 10-year on all other functional parts (Residential Use)** | ✔ | ✔ |
| • **Optional extended warranties available** | ✔ | ✔ |

Note: Variable speed furnaces should not be twinned and are not approved for twinning applications.
① Variable Speed
② Selectable through thermostat
*Constant airflow ECM (electronically commutated motor).
**Constant airflow ECM (electronically commutated motor).

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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# Platinum 80, Gold 80v, 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 | ✔ | ✔ |
| BAYFLTR206 | Filter Access Door Kit (Downflow only) | 2 | ✔ | ✔ |
| BAYFLTR321① | Cleanable filter for 21" cabinet upflow only | 2 | ✔ | ✔ |
| BAYFLTR324① | Cleanable filter for 24.5" cabinet upflow only | 2 | ✔ | ✔ |
| BAYLPKT210B | Propane conversion kit | 1 | ✔ | ✔ |
| BAYLPSS210B | LP Kit with Stainless Steel Burners | 1 | ✔ | ✔ |
| BAYRACK960A② | Filter Rack Kit for upflow models only (internal) | 5 | ✔ | ✔ |
| BAYVENT800B | Masonry chimney vent kit for upflow models only | 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.

# Ordering Information

## 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.**

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# L8X1 - Single Stage, Ultra-Low NOx Gas Furnace

L8X1A055
L8X1B070
L8X1C100

L8X1B060
L8X1B080

### Table FUR-19-A — L8X1 - Single Stage, Ultra-Low NOx Gas Furnace

| Model Number | Airflow in Tons | Output (BTUH) | ICS AFUE | Flue Size (in.) | Ignition Device | Uncrated Dimensions (in.) H | W | D | Shipping Weight (lbs.) | Max. Fuse | Filter Sizes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| L8X1A055U3XSAB | 3① | 44,000 | 80.0 | 4 | Silicon Nitride | 34 1/2 | 14 1/5 | 28 | 107 | 15 | 14 x 25 x 1 |
| L8X1B070U4XSAB | 4 | 56,000 | 80.0 | 4 | Silicon Nitride | 34 1/2 | 17 1/2 | 28 | 135 | 15 | 16 x 25 x 1 |
| L8X1C100U5XSAB | 5 | 80,000 | 80.0 | 4 | Silicon Nitride | 34 1/2 | 21 | 28 | 144 | 20 | 20 x 25 x 1 |

### Table FUR-19-B — L8X1 - Single Stage, Ultra-Low NOx Gas Furnace

| Model Number | Airflow in Tons | Nominal Output (BTUH) | ICS AFUE | Flue Size (in.) | Ignition Device | Uncrated Dimensions (in.) H | W | D | Shipping Weight (lbs.) | Max. Fuse | Filter Sizes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| L8X1B060U3XSAA | 3 | 48,000 | 80.0 | 4 | Silicon Nitride | 34 | 17 1/2 | 28 3/4 | 118 | 15 | 16 x 25 x 1 |
| L8X1B080U4XSAA | 4 | 64,000 | 80.0 | 4 | Silicon Nitride | 34 | 17 1/2 | 28 3/4 | 125 | 15 | 16 x 25 x 1 |

① Special consideration should be taken in duct design, evaporator coil selection/pressure drop, and air filter selection to achieve 350 CFM/ton at 0.5" external static pressure.

### Table FUR-19-C — Features

| | A55, B70, C100 | B60, B80 |
|---|---|---|
| • Cabinet height (in.) | 34.5 | 34.0 |
| • 3-Way poise (Upflow, Horizontal Left, Horizontal Right) | ✔ | ✔ |
| • Cabinet has no knockouts | — | ✔ |
| • Single stage | ✔ | ✔ |
| • 5 speed, Constant Torque ECM blower motor | ✔ | ✔ |
| • Stainless Steel, Tubular heat exchanger | — | ✔ |
| • Aluminized Steel, Tubular heat exchanger | ✔ | — |
| • Insulated blower compartment | ✔ | ✔ |
| • Painted cabinet with two tone color | ✔ | ✔ |
| • **Vortica™ II** Blower Housing | — | ✔ |
| • Meets requirements for 1% or less cabinet air leakage ② | — | ✔ |
| • Silicon Nitride hot surface igniter | ✔ | ✔ |
| • **20-year limited warranty on the heat exchanger & 10-year on all other functional parts** | ✔ | ✔ |

② A55, B70, and C100 models certified to 2% cabinet air leakage

### Table FUR-19-D — Optional Accessories

| Model Number | Description | A55, B70, C100 | B60, B80 |
|---|---|---|---|
| BAYSPACER | 6 inch vertical coil spacer | ✔ | — |

### Table FUR-19-E — High Altitude Kits

| Model Number | Description | Used With |
|---|---|---|
| BAYHALTMOD0001 | High Altitude Kit for units installed between 5400 - 7800 ft. | L8X1B060U3 |
| BAYHALTMOD0002 | High altitude kit for units installed between 2000 - 7800 ft. | L8X1B080U4 |

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# L9X1 - Single Stage, Ultra-Low NOx Gas Furnace

L9X1A050
L9X1C100

### Table FUR-20-A — L9X1 - Single Stage, Ultra-Low NOx Gas Furnace

| Model Number | Airflow in Tons | Output (BTUH) | ICS AFUE | Flue Size (in.) | Ignition Device | Uncrated Dimensions (in.) H | W | D | Shipping Weight (lbs.) | Max. Fuse | Filter Sizes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| L9X1A050U3VSAA | 3 | 48000 | 95 | 2, 3, 4 | Silicon Nitride | 34 1/2 | 14¼ | 28 | 115 | 15 | 14 x 25 x 1 |
| L9X1C100U5VSAA | 5 | 95000 | 95 | 2, 3, 4 | Silicon Nitride | 34 1/2 | 21 | 28 | 150 | 20 | 20 x 25 x 1 |

### Table FUR-20-B — Features

| | L9X1 |
|---|---|
| • 9 speed, Constant Torque ECM blower motor | ✔ |
| • 34.5" Cabinet height | ✔ |
| • 3-Way Poise (Upflow, Horizontal Left, Horizontal Right) | ✔ |
| • Single Stage Operation | ✔ |
| • Aluminized steel, tubular primary heat exchanger | ✔ |
| • Stainless steel secondary heat exchanger | ✔ |
| • Insulated blower compartment | ✔ |
| • Meets 14 ng/J NOx emission requirements | ✔ |
| • Meets requirements for 2% or less cabinet air leakage | ✔ |
| • **Limited Lifetime heat exchanger warranty & 10-year on all other functional parts (Residential Use)** | ✔ |

### Table FUR-20-C — Optional Accessories

| Model Number | Description | Used With |
|---|---|---|
| BAYSPACER | 6 inch vertical coil spacer | L9X1 Furnaces |
| BAYHANG | Horizontal hanging kit | All Upflow Furnaces |
| BAYVENT200B | Sidewall Vent Termination Kit | All Condensing Furnaces |
| BAYAIR30AVENTA | Concentric Vent Kit | All Condensing Furnaces |
| BAYLIFTC | Dual Return Kit (C size extension) | C Cabinet Upflow Furnaces |
| BAYCNDTRAP2A | Inline Condensate Trap Kit used with Special Venting on 2" Vent Pipe | All Condensing Furnaces |
| BAYCNDTRAP3A | Inline Condensate Trap Kit used with Special Venting on 3" Vent Pipe | All Condensing Furnaces |



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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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HEATING & AIR CONDITIONING

# AccuClean™ Whole Home Air Cleaner

## AccuClean™ Whole House Air Cleaner:

- **AccuClean™** removes up to 99.98% of allergens from the filtered air
- Removes particles down to 0.1 micron in size
- Outperforms HEPA type filters, and up to 100 times more effective than a standard 1" filter
- Constructed of painted 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 II™** communicating or 24 volt capability
- **10-Year Limited Warranty**
  **No registration required**
- **AccuClean™** is certified as **asthma & allergy friendly™** by AAFA (Asthma and Allergy Foundation of America)

### Table IAQ-1-A – Air Handler – 24 Volt AccuClean™ Whole House Air Cleaner

| Model Number | Airflow Range | AccuClean™ Air Handler Width | Uncrated Dimensions (in.) H x W x D | Shipping Weight |
|---|---|---|---|---|
| AFD175CLAH000E | 300-1200 | 17 1/2 inch | 7 1/2 x 17 1/2 x 21 | 37 |
| AFD215CLAH000E | 300-1200 | 21 1/2 inch | 7 1/2 x 21 1/2 x 21 | 42 |
| AFD235CLAH000E | 350-1600 | 23 1/2 inch | 7 1/2 x 23 1/2 x 21 | 44 |
| AFD260CLAH000E | 400-2000 | 26 inch | 7 1/2 x 26 x 21 | 46 |

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

| Model Number | Airflow Range | AccuClean™ Furnace Width | Uncrated Dimensions (in.) H x W x D | Shipping Weight |
|---|---|---|---|---|
| AFD145CLFR000E | 300-1200 | 14 1/2 inch① | 7 1/2 x 14 1/2 x 27 | 39 |
| AFD175CLFR000E | 300-1600 | 17 1/2 inch① | 7 1/2 x 17 1/2 x 27 | 43 |
| AFD210CLFR000E | 300-2000 | 21 inch② | 7 1/2 x 21 x 27 | 47 |
| AFD245CLFR000E | 400-2000 | 24 1/2 inch② | 7 1/2 x 24 1/2 x 27 | 49 |

### Table IAQ-1-C – Downflow Furnace – 24 Volt AccuClean™ Whole House

| Model Number | Airflow Range | AccuClean™ Furnace Width | Uncrated Dimensions (in.) H x W x D | Shipping Weight |
|---|---|---|---|---|
| AFD17DCLFR000E | 300-1600 | 17 1/2 inch | 7 1/2 x 17 1/2 x 21 | 37 |
| AFD21DCLFR000E | 300-2000 | 21 inch | 7 1/2 x 21 x 21 | 41 |

### Table IAQ-1-D — Accessories – Trane CleanEffects™ Whole House

| 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.

### Table IAQ-1-E — Air Handler Filters

| | AIR HANDLER MODEL NUMBER | |
|---|---|---|
| ifD Filter | A | B |
| AFD215 | 21 1/2 | 19 |
| AFD235 | 23 1/2 | 21 |
| AFD260 | 26 | 23 1/2 |

### Table IAQ-1-F — Upflow Furnace Filters

| | FURNACE MODEL NUMBER | |
|---|---|---|
| ifD Filter | A | B |
| AFD145 | 14 1/2 | 12 |
| AFD175 | 17 1/2 | 15 |
| AFD210 | 21 | 18 1/2 |
| AFD245 | 24 1/2 | 22 |

### Table IAQ-1-G — Downflow Furnace Filters

| | FURNACE MODEL NUMBER | |
|---|---|---|
| ifD Filter | A | B |
| AFD14D | 14 1/2 | 11 7/8 |
| AFD17D | 17 1/2 | 14 7/8 |
| AFD21D | 21 | 18 3/8 |
| AFD24D | 24 1/2 | 21 7/8 |

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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# Perfect Fit™ Filter Accessories

### Table IAQ-2-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 27 | 5 |

### Table IAQ-2-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 21 | 5 |

### Table IAQ-2-C — Furnace Frames - Subject to existing inventory

| 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 |

PHASING OUT

### Table IAQ-2-D — Air Handler Frames - Subject to existing inventory

| 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 |

PHASING OUT

① Includes one filter.

# 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
- 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
- Fully insulated R-4.2 door
- Insulated cabinet to prevent sweating

### Table IAQ-2-E - SlimFit Filters

| Part Number | Part Description | Dimensions (in.) |
|---|---|---|
| BAYSF1165BAA | 1" Filter and Frame (Side Return Furnace) | 16 5/8 x 20 3/8 x 2 |
| BAYSF1185BAA | 1" Filter and Frame, 18 1/2 | 18 1/2 x 21 x 2 |
| BAYSF1235BAA | 1" Filter and Frame, 23 1/2 | 23 1/2 x 21 x 2 |
| BAYSF11255BAA | 1" Filter and Frame (Side Return Furnace) | 16 5/8 x 25 1/2 x 2 |
| BAYSF1265BAA | 1" Filter and Frame, 26 1/2 | 26 1/2 x 21 x 2 |
| FLRSF1165* | 1" Media Filter (Side Return Furnace) | 16¼ x 20¼ x ¾ |
| FLRSF1185* | 1" Media Filter | 17 3/4 x 19 3/4 x 3/4 |
| FLRSF1235* | 1" Media Filter | 22 3/4 x 19 3/4 x 3/4 |
| FLRSF1255* | 1" Media Filter (Side Return Furnace) | 16 1/4 x 25 1/4 x 3/4 |
| FLRSF1265* | 1" Media Filter | 25 3/4 x 19 3/4 x 3/4 |

*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.



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# QuikBox™ Media Cabinet and Filters

- 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
- 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™ Cabinet with Filter**

| 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 | EQBFM17DA0AH11 | 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* | EQBFM185AOAH11 | 5" x 18.5" x 21" | 400-1600 | 22 |

**Table IAQ-3-B– QuikBox™ Replacement Filters (MERV11)**

| 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 (MERV11)**

| Perfect Fit Furnace | 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 |

* Note:
Fits phased out TFM21DAFRO Perfect Fit Cabinet



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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14-1011-38

BUILT TO A HIGHER STANDARD®

American Standard®

HEATING & AIR CONDITIONING

# Humidifiers Steam

## Steam Humidifier w/ Manual Control

- 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 Trane 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.
- 10-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

## Steam Humidifier Low Conductivity w/ Manual Control

- **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-4-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-4-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 | Exremely Hard | Installation Not Recommended |

### Table IAQ-4-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.



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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BUILT TO A HIGHER STANDARD®

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HEATING & AIR CONDITIONING

# Humidifiers
# Fan Powered and Bypass

Fan Powered Humidifier

## Fan Powered Humidifier

- 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
- **Envirowise™** nameplate
- 120V Power Line Cord
- 110V Primary/24VA Transformer

Bypass Humidifier

## Bypass Humidifier

- EHUMD300A Bypass delivers up to 17 Gallons per day
- EHUMD200A delivers up to 12 Gallons per day
- EHUMD300A Automatic Humidifier Control and O.D. Sensor for up to 50% more Humidity
- EHUMD200A 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
- **Envirowise™** nameplate
- 110V Primary / 24V Secondary 10VA Transformer

**Table IAQ-5-A — Specifications: Humidifier with Humidistat**

| Model Number | Description | Used With | Shipping Weight |
|---|---|---|---|
| EHUMD500APA00C①④ | Fan Powered Humidifer | All Furnace Models | 20 |
| EHUMD300ABA00B② | Large Bypass Humidifier | All Furnace Models | 15 |
| EHUMD200ABM00B③ | 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-5-B — Accessories**

| Model Number | Description | Used With |
|---|---|---|
| BAYPAD02A1310A | Large Humidifier Pad 13”x10” | EHUMD500,300A |
| BAYPAD01A1010A | Small Humidifier Pad 9-7/8”x9-5/8” | EHUMD200A |
| ECONTH01AAUTOA | Automatic Humidifier Control | EHUMD200A |
| BAYRLY10ASENSA | Current Sensing Relay | All |
| BAYPLT01AMHCOA | Adapter Plate (Duct Mount) | Manual Humidifier Control |
| 5804 American Standard Badge | American Standard Badge Bag (10 ea.) | EHUMD200, EHUMD300 |
| 5806 American Standard Badge | American Standard Badge Bag (10 ea.) | EHUMD500 |



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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BUILT TO A HIGHER STANDARD®

American Standard®

HEATING & AIR CONDITIONING

# Whole Home Dehumidifiers with Optional Ventilation

- Full Line of Horizontal Dehumidifiers from 98 ppd. To 205 ppd. of moisture removal
- Exclusive XT coil technology means higher efficiency humidity removal rates than standard units
- All Units are Energy Star® rated
- All units come with optional ventilation capability to meet ASHRAE 62.2 Ventilation requirements
- Units can be ducted to and wired to operate with HVAC system or can used independently of HVAC system with internal blower and wired control
- Units come standard with MERV 11 filter for improved indoor air quality
- 5 Year Unit Replacement Warranty for Refrigeration Circuit Failures (Registered Warranty)

CHANGE FOR THE BETTER WITH ENERGY STAR

**Table IAQ-6-A — Specifications: Envirowise™ Whole Home Dehumidifiers with Optional Ventilation**

| Model Number | Description | Dimensions- W" x H" x L" | Weight (lbs.) |
|---|---|---|---|
| EDHUM0981H1MDAA | Ventilating Dehumidifier, 90-100 pint category, 2300 sq' ft. capacity | 14.5 x 19.5 x 32.375 | 81 |
| EDHUM1051H1MDAA | XT Highest Effeciency Ventilating Dehumidifier, 100-110 pint category, 2500 sq' ft. capacity | 20.25 x 21.75 x 41.50 | 140 |
| EDHUM1551H1MDAA | XT Highest Effeciency Ventilating Dehumidifier, 140-160 pint category, 3500 sq' ft. capacity | 20.25 x 21.75 x 41.50 | 140 |
| EDHUM2051H1MDAA | XT Highest Effeciency Ventilating Dehumidifier, 175-210 pint category, 5000 sq' ft. capacity | 20.25 x 21.75 x 41.50 | 140 |

**Table IAQ-6-B — Accessories**

| Model Number | Description | Dimensions- W" x H" x L" | | | Weight (lbs.) |
|---|---|---|---|---|---|
| E4037861 | 6" Motorized Damper | 11 | 6 | 6 | 3 |
| E4037863 | 8" Gravity Damper (70) | 12 | 12 | 10 | 2 |
| E4037865 | 10" Gravity Damper (98,105) | 12 | 12 | 10 | 3 |
| E4037867 | 10" Oval to Round Adapter (105) | 14 | 14 | 14 | 3 |
| E4037869 | Hang Kit, Small (70,98) | 22 | 6 | 6 | 4 |
| E4037872 | Hang Kit, Large (105) | 24 | 6 | 6 | 5 |
| E4037874 | Filter Case (qty 4), 9"X11"X1", MERV 11 (70) | 12 | 12 | 6 | 2 |
| E4037876 | Filter Case (qty 4), 14"X17.5"X1.75", MERV 11 (98) | 18 | 16 | 8 | 2 |
| E4037878 | Filter Case (qty 4), 16"X20"X2", MERV 11 (120,105) | 20 | 20 | 12 | 2 |
| E4037881 | Filter Case (qty 12), 9"X11"X1", MERV 11 (70) | 14 | 14 | 14 | 5 |
| E4037883 | Filter Case (qty 12), 14"X17.5"X1.75", MERV 11 (98) | 18 | 18 | 24 | 5 |
| E4037885 | Filter Case (qty 12), 16"X20"X2", MERV 11 (120,105) | 25 | 25 | 25 | 8 |
| E4037887 | MERV 14 Filter Housing | 24 | 20 | 8 | 12 |
| E4037891 | Filter Case (qty 3), 20" X 24" X 4", MERV 14 (Filter Housing) | 26 | 20 | 14 | 2 |
| E4037893 | D30 Control | 9 | 6 | 2 | 1 |
| E4037897 | D30 Control w/ Remote | 8 | 6 | 4 | 1 |
| E4037901 | Condensate Pump Kit (70) | 14 | 10 | 6 | 5 |
| E4037903 | Condensate Pump Kit (98) | 14 | 12 | 6 | 5 |
| E4037905 | Condensate Pump Kit (105) | 14 | 10 | 6 | 5 |
| E4037907 | 6" Inlet Hood | | | | |



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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BUILT TO A HIGHER STANDARD®

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HEATING & AIR CONDITIONING

# Inline Ventilator

- Full ECM motor, adjustable airflow from 30 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-7-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-7-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 |

# Inline Dehumidifying Ventilator

- 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-7-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 |
| EDHUM70V1H1MDAA | Ventilating Dehumidifier, 50-70 pint category, 1800 sq' ft. capacity | 12 x 12 x 28 | 55 |

**Table IAQ-7-B — Accessories**

| Model Number | Description | Dimensions- W" x H" x L" | | | Weight (lbs.) |
|---|---|---|---|---|---|
| E4037861 | 6" Motorized Damper | 11 | 6 | 6 | 3 |
| E4037863 | 8" Gravity Damper (70) | 12 | 12 | 10 | 2 |
| E4037869 | Hang Kit, Small (70,98) | 22 | 6 | 6 | 4 |
| E4037874 | Filter Case (qty 4), 9"X11"X1", MERV 11 (70) | 12 | 12 | 6 | 2 |
| E4037887 | MERV 14 Filter Housing | 24 | 20 | 8 | 12 |
| E4037891 | Filter Case (qty 3), 20" X 24" X 4", MERV 14 (Filter Housing) | 26 | 20 | 14 | 2 |
| E4037901 | Condensate Pump Kit (70) | 14 | 10 | 6 | 5 |
| E4037907 | 6" Inlet Hood | | | | |
| E4037881 | Filter Case (qty 12), 9"X11"X1", MERV 11 (70) | 14 | 14 | 14 | 5 |
| E4037893 | D30 Control | 9 | 6 | 2 | 1 |
| E4037897 | D30 Control w/ Remote | 8 | 6 | 4 | 1 |



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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BUILT TO A HIGHER STANDARD®

American Standard®

HEATING & AIR CONDITIONING

# Energy Recovery Ventilator (ERV)

- **American Standard** ERV technology for all seasons and climates
- Static plate energy transfer core for efficient transfer of heat and moisture
- Passive defrost - condensate drain not required
- Pressure ports are accessible through front panel without door removal
- 2 "Guillotine" type dampers are included to balance for correct airflow
- 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 EERVR100 and 200
- 8" round compatible duct connection for EERVR300
- 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: Trane Polyslate Gray
- **5 year Parts Warranty. No registration required**
- **Registered Limited Warranty 10-years**
- **MERV 8 replaceable filter included**

### Table IAQ-8-A — Specifications: ERV

| Model Number | Nominal Airflow (CFM) | Power Supply | Uncrated Dimensions (In.) H x W x D | Shipping Weight |
|---|---|---|---|---|
| EERVR100A1P00B① | 130 | 120/1/60 | $20^{1}/_{8}$ x $28^{3}/_{4}$ x 13 | 65 |
| EERVR200A1P00B① | 200 | 120/1/60 | $20^{1}/_{8}$ x $28^{3}/_{4}$ x $23^{7}/_{8}$ | 85 |
| EERVR300A1P00B① | 300 | 120/1/60 | $20^{1}/_{8}$ x $28^{3}/_{4}$ x $23^{7}/_{8}$ | 95 |

① Percent Timer Control included with the ERV.

### Table IAQ-8-B — Specifications: ERV

| Model Number | Sensible Recovery Effectiveness (32°F) | Latent Recovery (32°F) | Total Recovery (95°F) |
|---|---|---|---|
| EERVR100A1P00B | 72% @ 124 cfm | 55% @ 124 cfm | 46% @ 126 cfm |
| EERVR200A1P00B | 78% @ 181 cfm | 62% @ 181 cfm | 52% @ 180 cfm |
| EERVR300A1P00B | 70% @ 295 cfm | 51% @ 295 cfm | 43% @ 295 cfm |

### Table IAQ-8-C — Optional Accessories

| Model Number | Description | Used With | Shipping Weight |
|---|---|---|---|
| ECONV10APBC0A | 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 |
| BAYWHT10AVENTA② | 6 inch White Vinyl Ventilation Hood | ERV models 100, 200 | 1 |
| BAYBRN10AVENTA② | 6 inch Brown Vinyl Ventilation Hood | ERV models 100, 200 | 1 |
| BAYGLV10AVENTA② | 8 inch Galvenized Ventilation Hood | ERV models 300 | 2 |

② Qty 1.



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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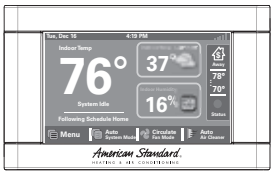
BUILT TO A HIGHER STANDARD®

American Standard®
HEATING & AIR CONDITIONING

# Conventional 24 Volt Smart Thermostat




**GOLD 824**
**ACONT824AS52DB**

CHANGE FOR THE BETTER WITH ENERGY STAR

## ACONT824AS52DB

- Energy Star® certified
- Z-Wave Plus Bridge Inside
- American Standard Diagnostics ①
- Connect over 200 Z-Wave devices①②
- WiFi or Ethernet connection
- Control from a smartphone, tablet, or computer ①②
- 4.3" Color touchscreen
- 7 Day programmable with up to four schedules per day
- Five day weather forecast, weather radar, and weather alerts ①
- 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
- Over-the-air software upgrade ①
- Local software upgrade option
- Color: Designer Silver
- Retail Package Sleeve
- Limited Warranty: 5 yr. base/10 yr.

## 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

① Requires internet service and American Standard Home™ smart home system registration.
② American Standard Home™ remote climate access is included with the purchase for up to 8 Connected Controls per home. Adding accessories or additional controls to your American Standard Home™ system may require a monthly subscription.

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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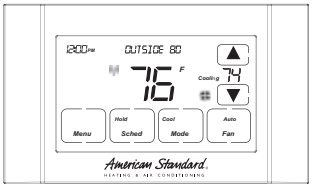
BUILT TO A HIGHER STANDARD®

American Standard®
HEATING & AIR CONDITIONING

# Conventional 24 Volt Smart Thermostat




**SILVER 724**
**ACONT724AS42DA**

## ACONT724AS42DA

- Mobile app compatible (download American Standard Home) ①②
- American Standard Diagnostics ①
- Control from a smartphone, tablet, or computer ①②
- 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
- Retail Package Sleeve
- Limited Warranty: 1 yr. base/5 yr.

## 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
- Z-Wave Bridge is required for control of Z-Wave devices, such as lighting, door locks, etc., and remote climate access. The Z-Wave Bridge is purchased separately. ①②

## Dimensions:

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

① Requires internet service and American Standard Home™ smart home system registration.
② American Standard Home™ remote climate access is included with the purchase for up to 8 Connected Controls per home. Adding accessories or additional controls to your American Standard Home™ system may require a monthly subscription. Remote access is via most web-enabled smartphones, tablets and computers.
③ Requires Z-Wave Bridge

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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BUILT TO A HIGHER STANDARD®

American Standard®

HEATING & AIR CONDITIONING

# AccuLink™ Communicating Smart Thermostat

**PLATINUM 1050**
**AZON1050AC52ZA**

## AZON1050AC52ZA

- Z-Wave Plus Bridge Inside
- Connect over 200 Z-Wave devices①②
- American Standard Diagnostics ①
- WiFi or Ethernet connection
- Control from a smartphone, tablet, or computer ①②
- 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 ①
- Indoor relative humidity display
- Test modes and alert diagnostics
- Over-the-air Software Upgrade ①
- Local Software Upgrade option
- Color: Designer Silver
- Retail Package Sleeve
- Limited Warranty: 5 yr. base/10 yr.

## 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

① Requires internet service and American Standard Home™ smart home system registration.
② American Standard Home™ remote climate access is included with the purchase for up to 8 Connected Controls per home. Adding accessories or additional controls to your American Standard Home™ system may require a monthly subscription. Remote access is 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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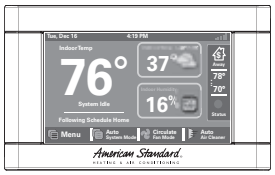
# AccuLink™ Communicating Smart Thermostat




**PLATINUM 850**
**ACONT850AC52UB**

### ACONT850AC52UB

- Z-Wave Plus Bridge
- Connect over 200 Z-Wave devices①②
- WiFi or Ethernet connection
- Control from a smartphone, tablet, or computer ①②
- 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, radar, and alerts ①
- Indoor relative humidity display
- Test modes and alert diagnostics
- American Standard Diagnostics ①
- Over-the-air software upgrades ①
- Local software upgrade option
- Color: Designer Silver
- Wall cover plate BAYCOVR800A
- Retail Package Sleeve
- Limited Warranty: 5 yr. base/10 yr.

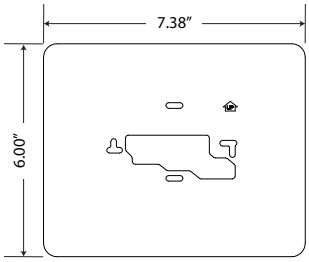
### Application:

- **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

① Requires internet service and connection to American Standard Home™ smart home system.
② American Standard Home™ remote climate access is included with the purchase of up to 8 Connected Controls per home. Adding accessories to your American Standard Home™ 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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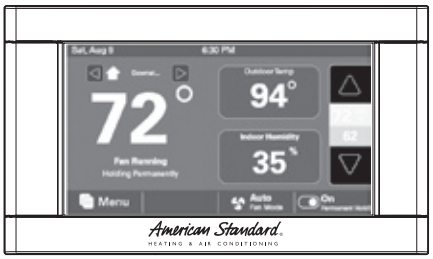
# Zoning Communicating Sensor with Display




**AZON1040AC52ZA**

## AZON1040AC52ZA

- For use with **AccuLink™II** Zoning Systems
- 3-Wire Communicating Zone Sensor
- 4.3" diagonal color touchscreen
- Zone Mode - Auto only
- Fan Mode - Auto/On
- Displays Zone Temperature & Relative Humidity.
- Average multiple zone temp sensors
- Displays Outdoor Temperature (American Standard Home registration or wired ODT required)
- Clean Screen Function
- 3 Levels of Restricted Access
- Fahrenheit or Celsius
- Adjust zone Setpoint at 1040, 1050, and American Standard Home Smart Home
- Schedule 1040, 1050, and American Standard Home Smart Home
- Zone Schedule Override
  – Permanent Hold
- Enter zone name at 1040 and 1050
- Local software upgrades
- Screen color with backlit options
- Screensaver options

## Dimensions:

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

## Storage Temperature:

- -40°F to 170°F, 0% - 95% RH

## Operating Temperature:

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

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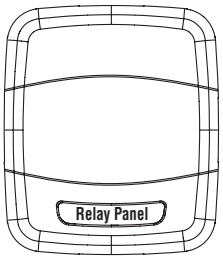
# Conventional 24 Volt HVAC System Interface Relay Panel for AccuLink™ Controls




**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



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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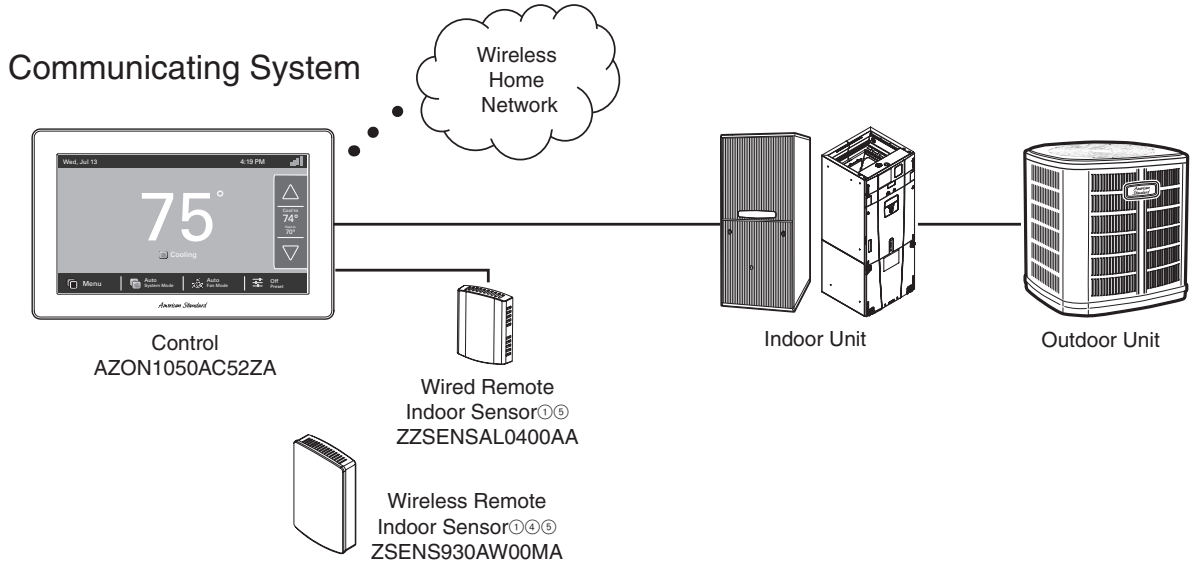
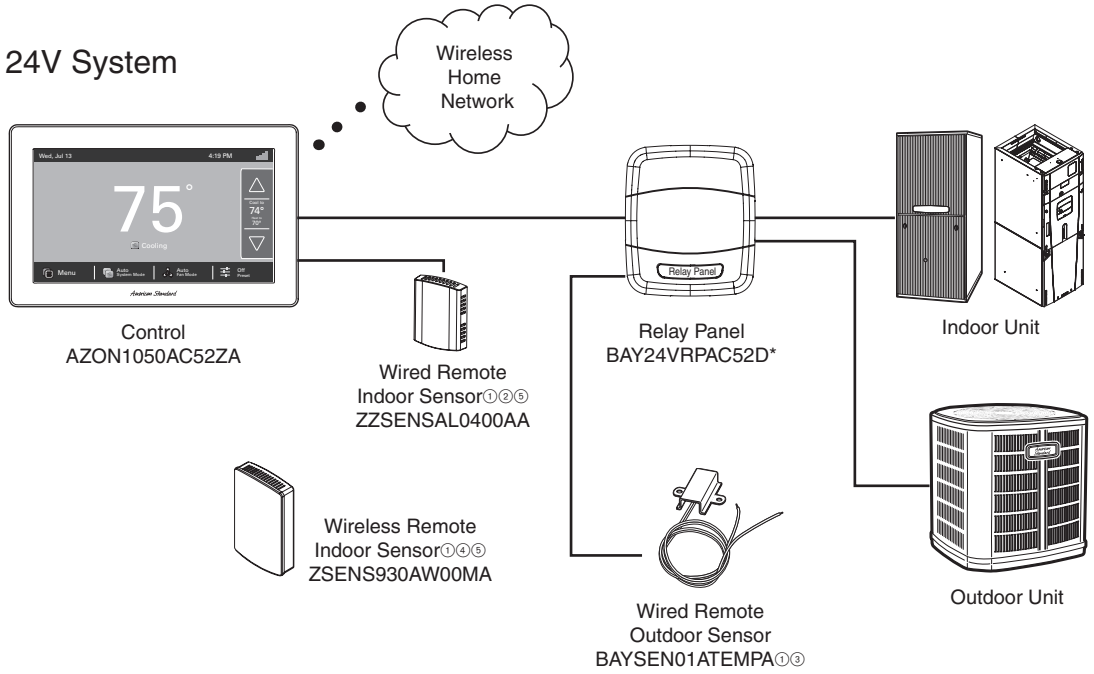
# AccuLink™ Platinum 1050 Control Component Overview

## 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.



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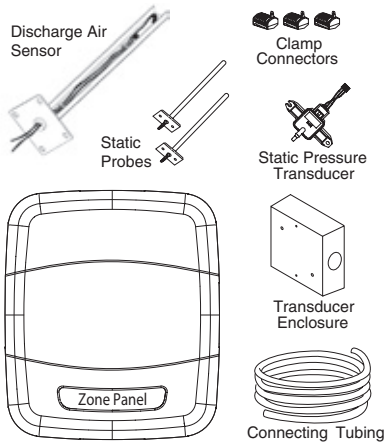
# AccuLink™ Zoning Assembly

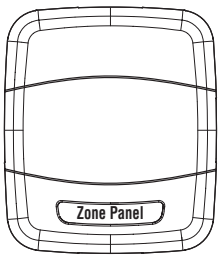



**ZZONEPNLAC52ZB**

**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)




**ZZONEEXPAC52ZB**

**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**



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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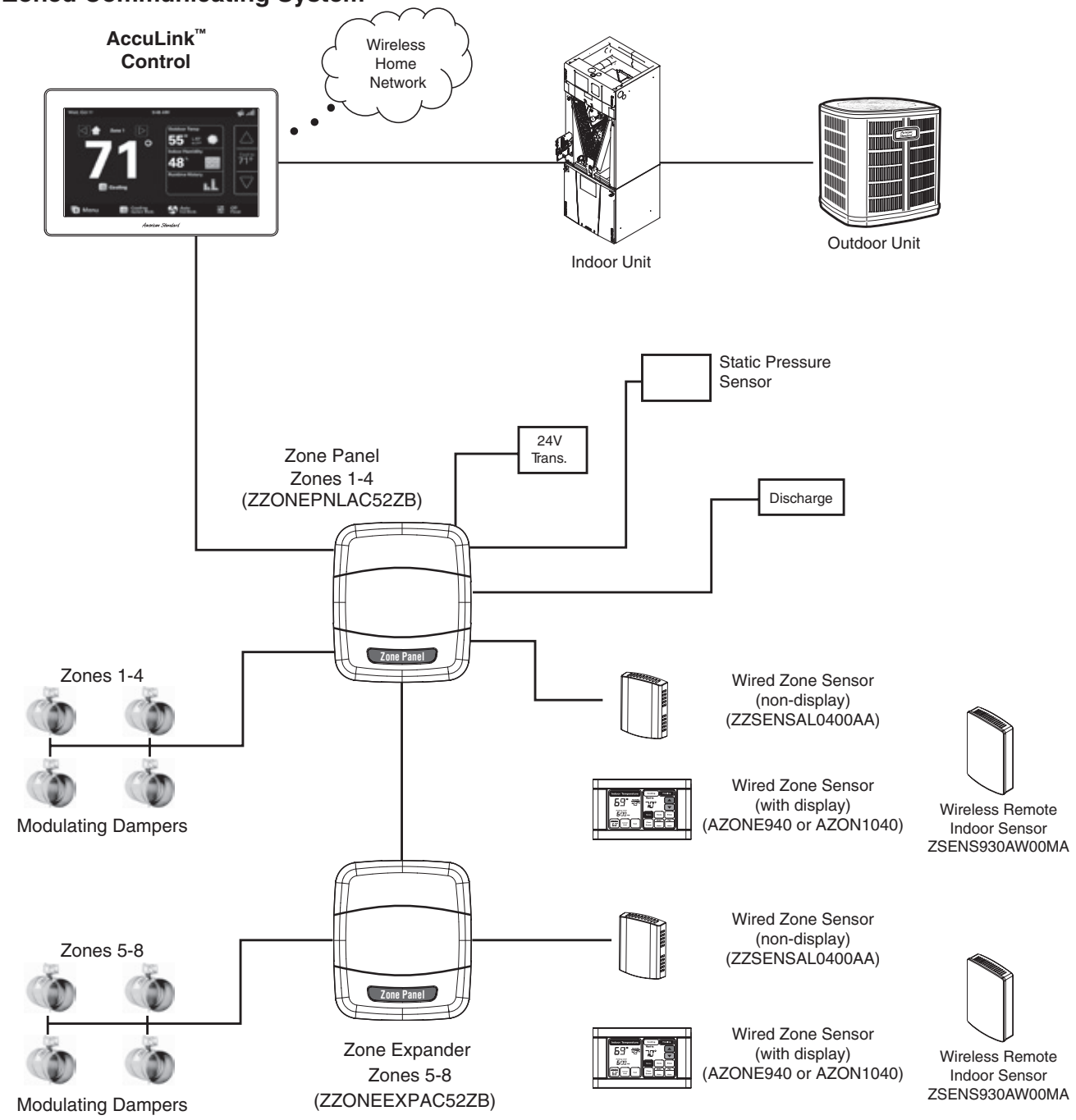
# AccuLink™ Zoning Component Overview

## Zoned Communicating System




Note 1. Each Zone Panel or Zone Expander supports up to four zones.
Note 2. One 940 or 1040 may be installed per zone.
Note 3. Up to four 0400 wired sensors or 930 wireless sensors may be installed per zone.
Note 4. If a 940 or 1050 is used, then up to three 0400 wired sensors or 930 wireless sensors may be installed per zone.
Note 5. To apply up to four sensors per zone, software version 5,4 or higher is required.]
Example: One 940, two 930, and one 0400 may be installed 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.



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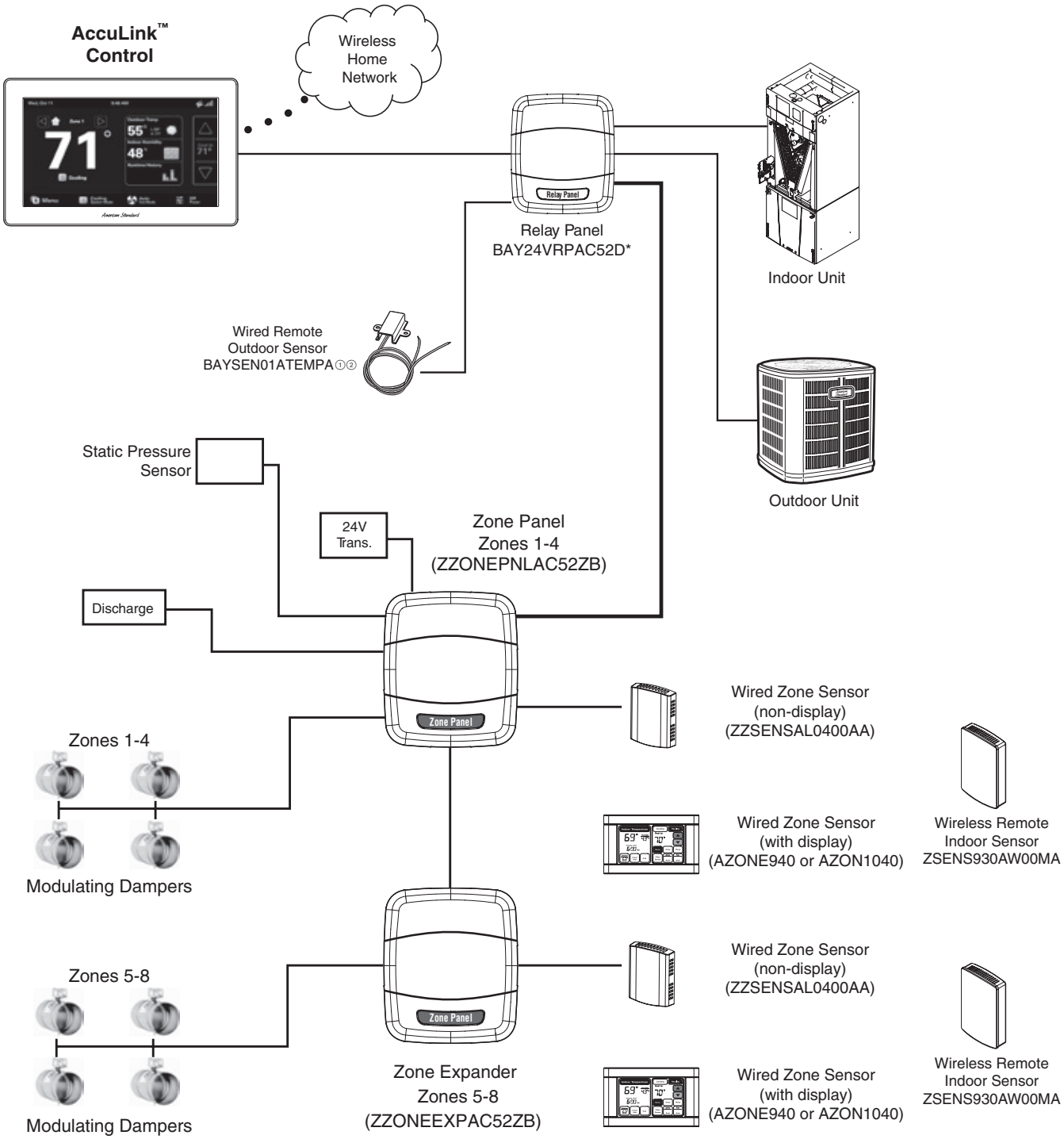
# AccuLink™ Zoning Component Overview (Cont.)

## Zoned 24V System




Note 1. Each Zone Panel or Zone Expander supports up to four zones.
Note 2. One 940 or 1040 may be installed per zone.
Note 3. Up to four 0400 wired sensors or 930 wireless sensors may be installed per zone.
Note 4. If a 940 or 1050 is used, then up to three 0400 wired sensors or 930 wireless sensors may be installed per zone.
Note 5. To apply up to four sensors per zone, software version 5,4 or higher is required.]
Example: One 940, two 930, and one 0400 may be installed 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.

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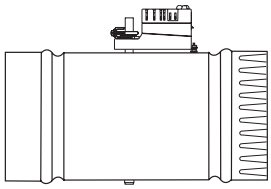
# 24 Volt Modulating Dampers



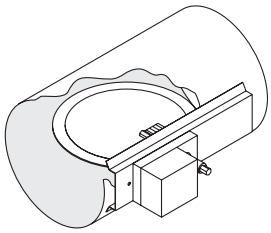
Round Dampers

## 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" |

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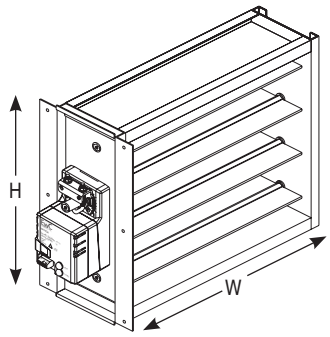
# 24 Volt Modulating Dampers - Side Mount




**Rectangular Dampers with Side Mount Actuator**

## 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

**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 |

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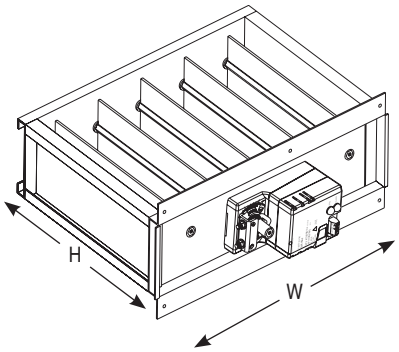
# 24 Volt Modulating Dampers - Bottom Mount




**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 |
|---|---|---|---|---|
| ZDAMPBMMA0810A | 24 VAC | Rectangular-Bottom Mount Actuator | 8 | 10 |
| ZDAMPBMMA0812A | 24 VAC | Rectangular-Bottom Mount Actuator | 8 | 12 |
| ZDAMPBMMA0814A | 24 VAC | Rectangular-Bottom Mount Actuator | 8 | 14 |
| ZDAMPBMMA0816A | 24 VAC | Rectangular-Bottom Mount Actuator | 8 | 16 |
| ZDAMPBMMA0818A | 24 VAC | Rectangular-Bottom Mount Actuator | 8 | 18 |
| ZDAMPBMMA0820A | 24 VAC | Rectangular-Bottom Mount Actuator | 8 | 20 |
| ZDAMPBMMA0822A | 24 VAC | Rectangular-Bottom Mount Actuator | 8 | 22 |
| ZDAMPBMMA0824A | 24 VAC | Rectangular-Bottom Mount Actuator | 8 | 24 |
| ZDAMPBMMA0826A | 24 VAC | Rectangular-Bottom Mount Actuator | 8 | 26 |
| ZDAMPBMMA0828A | 24 VAC | Rectangular-Bottom Mount Actuator | 8 | 28 |
| ZDAMPBMMA0830A | 24 VAC | Rectangular-Bottom Mount Actuator | 8 | 30 |
| ZDAMPBMMA1012A | 24 VAC | Rectangular-Bottom Mount Actuator | 10 | 12 |
| ZDAMPBMMA1014A | 24 VAC | Rectangular-Bottom Mount Actuator | 10 | 14 |
| ZDAMPBMMA1016A | 24 VAC | Rectangular-Bottom Mount Actuator | 10 | 16 |
| ZDAMPBMMA1018A | 24 VAC | Rectangular-Bottom Mount Actuator | 10 | 18 |
| ZDAMPBMMA1020A | 24 VAC | Rectangular-Bottom Mount Actuator | 10 | 20 |
| ZDAMPBMMA1022A | 24 VAC | Rectangular-Bottom Mount Actuator | 10 | 22 |
| ZDAMPBMMA1024A | 24 VAC | Rectangular-Bottom Mount Actuator | 10 | 24 |
| ZDAMPBMMA1026A | 24 VAC | Rectangular-Bottom Mount Actuator | 10 | 26 |
| ZDAMPBMMA1028A | 24 VAC | Rectangular-Bottom Mount Actuator | 10 | 28 |
| ZDAMPBMMA1030A | 24 VAC | Rectangular-Bottom Mount Actuator | 10 | 30 |
| ZDAMPBMMA1214A | 24 VAC | Rectangular-Bottom Mount Actuator | 12 | 14 |
| ZDAMPBMMA1216A | 24 VAC | Rectangular-Bottom Mount Actuator | 12 | 16 |
| ZDAMPBMMA1218A | 24 VAC | Rectangular-Bottom Mount Actuator | 12 | 18 |
| ZDAMPBMMA1220A | 24 VAC | Rectangular-Bottom Mount Actuator | 12 | 20 |
| ZDAMPBMMA1222A | 24 VAC | Rectangular-Bottom Mount Actuator | 12 | 22 |
| ZDAMPBMMA1224A | 24 VAC | Rectangular-Bottom Mount Actuator | 12 | 24 |
| ZDAMPBMMA1226A | 24 VAC | Rectangular-Bottom Mount Actuator | 12 | 26 |
| ZDAMPBMMA1228A | 24 VAC | Rectangular-Bottom Mount Actuator | 12 | 28 |
| ZDAMPBMMA1230A | 24 VAC | Rectangular-Bottom Mount Actuator | 12 | 30 |
| ZDAMPBMMA1416A | 24 VAC | Rectangular-Bottom Mount Actuator | 14 | 16 |
| ZDAMPBMMA1418A | 24 VAC | Rectangular-Bottom Mount Actuator | 14 | 18 |
| ZDAMPBMMA1420A | 24 VAC | Rectangular-Bottom Mount Actuator | 14 | 20 |
| ZDAMPBMMA1422A | 24 VAC | Rectangular-Bottom Mount Actuator | 14 | 22 |
| ZDAMPBMMA1424A | 24 VAC | Rectangular-Bottom Mount Actuator | 14 | 24 |
| ZDAMPBMMA1426A | 24 VAC | Rectangular-Bottom Mount Actuator | 14 | 26 |
| ZDAMPBMMA1428A | 24 VAC | Rectangular-Bottom Mount Actuator | 14 | 28 |
| ZDAMPBMMA1430A | 24 VAC | Rectangular-Bottom Mount Actuator | 14 | 30 |
| ZDAMPBMMA1618A | 24 VAC | Rectangular-Bottom Mount Actuator | 16 | 18 |
| ZDAMPBMMA1620A | 24 VAC | Rectangular-Bottom Mount Actuator | 16 | 20 |
| ZDAMPBMMA1622A | 24 VAC | Rectangular-Bottom Mount Actuator | 16 | 22 |
| ZDAMPBMMA1624A | 24 VAC | Rectangular-Bottom Mount Actuator | 16 | 24 |
| ZDAMPBMMA1626A | 24 VAC | Rectangular-Bottom Mount Actuator | 16 | 26 |
| ZDAMPBMMA1628A | 24 VAC | Rectangular-Bottom Mount Actuator | 16 | 28 |
| ZDAMPBMMA1630A | 24 VAC | Rectangular-Bottom Mount Actuator | 16 | 30 |
| ZDAMPBMMA1820A | 24 VAC | Rectangular-Bottom Mount Actuator | 18 | 20 |
| ZDAMPBMMA1822A | 24 VAC | Rectangular-Bottom Mount Actuator | 18 | 22 |
| ZDAMPBMMA1824A | 24 VAC | Rectangular-Bottom Mount Actuator | 18 | 24 |
| ZDAMPBMMA1826A | 24 VAC | Rectangular-Bottom Mount Actuator | 18 | 26 |
| ZDAMPBMMA2022A | 24 VAC | Rectangular-Bottom Mount Actuator | 20 | 22 |
| ZDAMPBMMA2024A | 24 VAC | Rectangular-Bottom Mount Actuator | 20 | 24 |



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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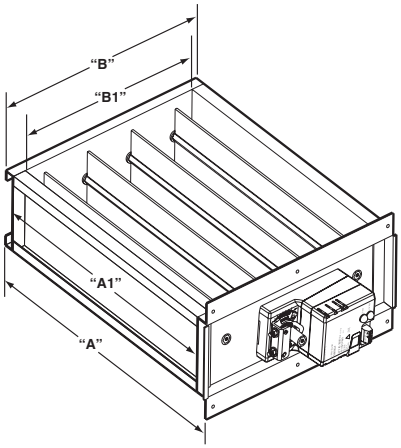
# 24 Volt Modulating Dampers

## 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 |
| | | | 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 |
| Wide | A | A1 | 3 | 3 | 4 | 5 | 6 | 7 | 7 | 8 | 9 | 10 | 11 | 11 | No. of Blades |
| 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 | |

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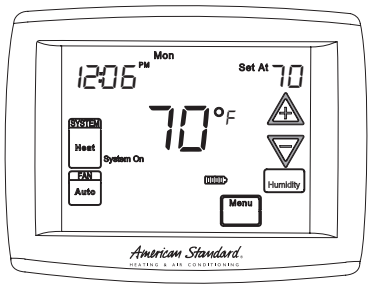
# Programmable Touchscreen Thermostats




**ACONT303AS42DA**

## ACONT303AS42DA

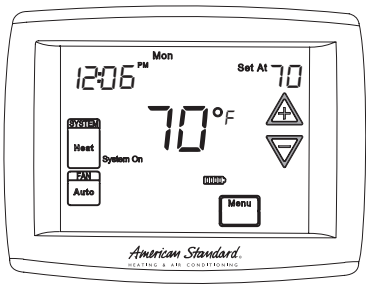
- 5" Diagonal Touchscreen
- Built-in Humidity sensor
- Programmable: 7 day, 5/1/1 day, or none
- Common preferred, not required with 2AA battery power (included)
- Simple to install and use
- 5" diagonal touchscreen
- Remote wired indoor or outdoor sensor option
- Control with one indoor sensor or average with thermostat internal sensor
- Armchair Programming (requires batteries)
- Cooling dehumidification (DHM) (normally closed relay; opens, 24V to BK)
- Humidifier Relay (HM)

**Application:**

- Up to 4 Heat/2 Cool (Gas, Oil or Electric) / HP / Dual Fuel
- ZZSENSAL0300AA - Remote Indoor Temperature Sensor
- BAYSEN30ATEMPA - Remote Outdoor Temperature Sensor

**Dimensions:**

- 4.56" h x 5.81" h x 1.18" d
- Finish: Bright White




**ACONT302AS42DA**

## ACONT302AS42DA

- 5" Diagonal Touchscreen
- Programmable: 7 day, 5/1/1 day, or none
- Common preferred, not required with 2AA battery power (included)
- Simple to install and use
- 5" diagonal touchscreen
- Remote wired indoor or outdoor sensor option
- Control with one indoor sensor or average with thermostat internal sensor
- Armchair Programming (requires batteries)

**Application:**

- Up to 4 Heat/2 Cool (Gas, Oil or Electric) / HP / Dual Fuel
- ZZSENSAL0300AA - Remote Indoor Temperature Sensor
- BAYSEN30ATEMPA - Remote Outdoor Temperature Sensor

**Dimensions:**

- 4.56" h x 5.81" h x 1.18" d
- Finish: Bright White



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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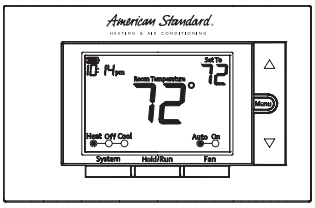
# Programmable Thermostats




**ACONT203AS42MA**

## ACONT203AS42MA

**4 Heat/2 Cool**

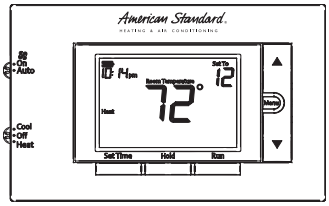
- 5/1/1 or 7 day Programming
- Simple to Install and Use
- 3.5" Diagonal, Backlit Display
- Common preferred, not required with 2AA battery power (included)
- Easy to follow Sequential Programming
- Indoor and setpoint temperatures displayed simultaneously
- Easy battery access
- Easy to understand soft key controls

**Application:**

- Up to 4 Heat/2 Cool (Gas, Oil or Electric) / HP / Dual Fuel (non-restricted mode only)

**Dimensions:**

- 3.75" h x 6.0" w x 1.12" d
- Finish: Bright White




**ACONT202AS11MA**

## ACONT202AS11MA

**1 Heat/1 Cool**

- 5/1/1 or 7 day Programming
- Simple to Install and Use
- 3.5" Diagonal, Backlit Display
- Common preferred, not required with 2AA battery power (included)
- Standard Wiring Terminal Block
- Easy to follow Sequential Programming
- Indoor and setpoint temperatures displayed simultaneously
- No auxiliary heat capability
- Easy battery access
- Easy to understand soft key controls

**Application:**

- 1 Heat/1 Cool

**Dimensions:**

- 3.75" h x 6.0" w x 1.12" d
- Finish: Bright White



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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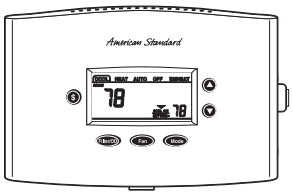
# Non-Programmable Comfort Controls




**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



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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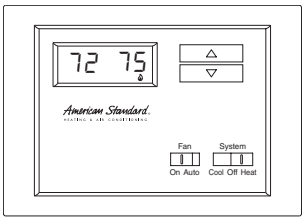
# Non-Programmable Thermostats




**ACONT103A**

## ACONT103AN21MA

**2 Heat/1 Cool**

- Push Button, Non-Programmable
- 1.9" Diagonal Display
- Configurable Switchover Valve
- Emergency Heat
- Common required
- Fahrenheit or Celsius
- Keypad Lock

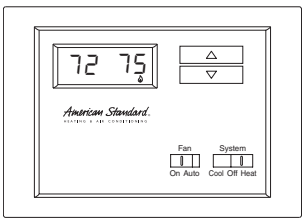
**Application**

- Up to 2 Heat/1Cool **(HP only)**
- 1 Stage Compressor
- 1 Stage Auxiliary Heat

**Dimensions:**

- 3.88" h x 5.5" h x 1.18" d
- Finish: Bright White

AVAILABLE Q2




**ACONT102A**

## ACONT102AN11AA

**1 Heat/1 Cool**

- Push Button, Non-Programmable
- 1.9" Diagonal Display
- No Common Terminal
- Battery Powered Only (Batteries included)
- RH / RC Jumper
- Fahrenheit or Celsius

**Application**

- Up to 1Heat/1 Cool (Gas, Oil or Electric)
- Finish: Bright White

**Dimensions:**

- 3.88" h x 5.5" h x 1.18" d
- Finish: Bright White

AVAILABLE Q2



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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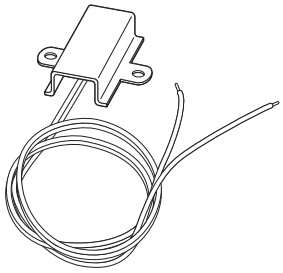
# Remote Sensors

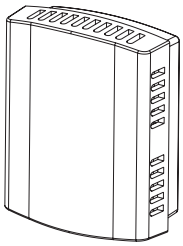
**BAYSEN02ATEMPA**

- 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

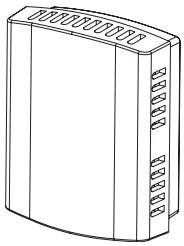


**ZZSENSAL0400AA**

- 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

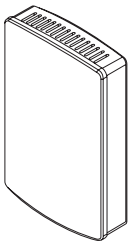


**ZZSENSAL0800AA**

- 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):**

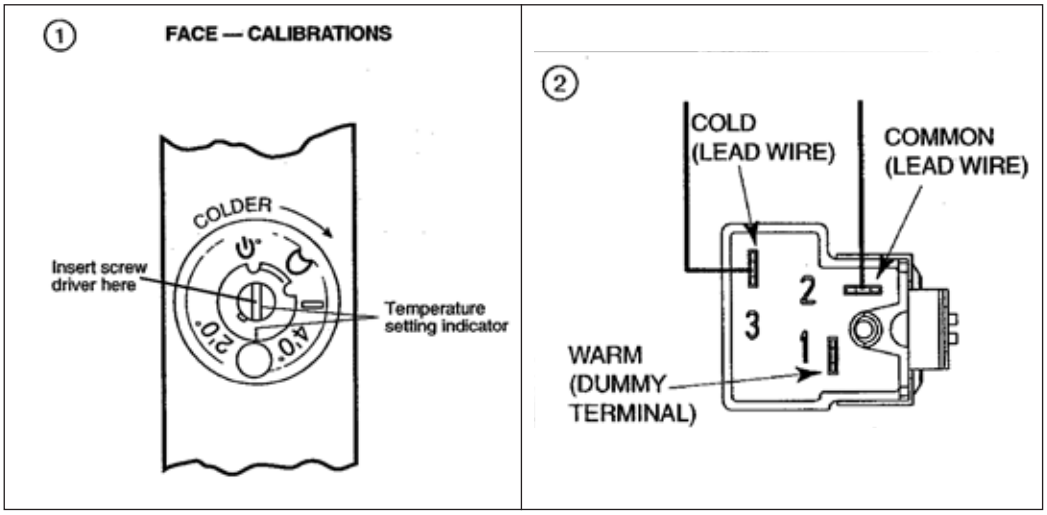
- 2.0" (51)w x 3.25" (83)h x .6 (15)d
- Storage Temperature: -40° to 140°F (-40° to 65°C)
- Finish: White

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

# 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.



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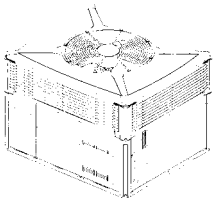
HEATING & AIR CONDITIONING

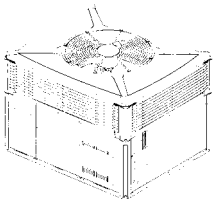
# Packaged Cooling Convertible 2-5 Tons



4TCY5

**Table PK-1-A — 4TCY5 - Gold 15 - Convertible Packaged Cooling - R-410A**

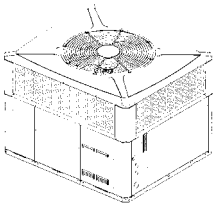
| Model Number | Cooling Capacity (Btuh) | SEER/EER | Shipping Weight | MCA | Max Fuse | Sound Rating | Uncrated Dimensions (in.) H x D x W |
|---|---|---|---|---|---|---|---|
| **4TCY5 – 208-230/1/60** | | | | | | | |
| 4TCY5024A1000A | 23,800 | 15.00/12.00 | 388 | 18.4 | 25 | 65 | 36 x 42 x 49 |
| 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 |
|---|---|---|---|---|---|---|---|
| **4TCY4 – 208-230/3/60** | | | | | | | |
| 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 |
|---|---|---|---|---|---|---|---|
| **4TCC4 – 208-230/1/60** | | | | | | | |
| 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 |

**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 Cooling Convertible 2-5 Tons

| Table PK-2-A — Feature | 4TCY5 2-5 | 4TCY4 3-5 | 4TCC4 2-5 |
|---|---|---|---|
| • SEER up to | 15.00 | 14.25 | 14.00 |
| • Exclusive **Duration™** high efficiency compressor with internal overload protection | ✔ | ✔ | ✔ |
| • Factory supplied charge | R-410A | R-410A | R-410A |
| • Composite **Vortica®** indoor blower | ✔ | ✔ | ✔ |
| • Direct drive, variable speed ECM blower motor ** | ✔ | ✔ | — |
| • Direct drive, multi-speed ECM blower motor (high efficiency)* | — | — | ✔ |
| • All aluminum **Spine Fin™** 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 | ✔ | ✔ | ✔ |
| • **10-year compressor, 10-year coils & all other functional parts limited warranty (no registration required; Residential use)** | ✔ | ✔ | ✔ |
| • **Extended warranties available** | ✔ | ✔ | ✔ |

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

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# 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 Door⑪ | | 2-3 | 2-3 | 2-3 |
| BAYACCDOR2A | Hinged Filter Access Door⑪ | | 3½-5 | 3½-5 | 3½-5 |
| BAYACCEADP1A | Adaptor Kit for Installation of **AccuClean™** and 5" Media Filter (Horizontal)⑨ | 10 | 2-3 | 3 | 2-3 |
| BAYACCEADP2A | Adaptor Kit for Installation of **AccuClean™** and 5" Media Filter (Horizontal)⑨ | 12 | 3½-5 | 3½-5 | 3⅕-5 |
| 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 Timer④ | | ✔ | ✔ | — |
| 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)⑤ | | 2-5 | 2-5 | 2-5 |
| BAYCOVR118A | 18" Duct Shroud (Covers Horizontal Ducts)⑤ | | 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 Damper①⑥⑦⑧⑨ | | 2-3 | 2-3 | 2-3 |
| BAYDMPR102A | 2-Position Motorized Fresh Air Damper①⑥⑦⑧⑨ | | 3½-5 | 3½-5 | 3½-5 |
| BAYECON101A | Economizer with Barometric Relief (Downflow)①②③⑨⑩ | 50 | 2-3 | 2-3 | 2-3 |
| BAYECON102A | Economizer with Barometric Relief (Downflow)①②③⑨⑩ | 65 | 3½-5 | 3½-5 | 3½-5 |
| BAYECON104AB | Economizer with Barometric Relief (Downflow)①②③⑨⑩ | 65 | 4-5 | — | — |
| BAYECON200A | Economizer (Horizontal)①②③⑥ | 85 | 2-3 | 2-3 | 2-3 |
| BAYECON201A | Economizer (Horizontal)①②③⑥ | 85 | 3½ | 3½-5 | 3½-5 |
| BAYECON204A | Economizer (Horizontal)①②③⑥ | 85 | 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 Frame (requires one 18x25 filter which is not included) ① | 6 | 2-3 | 2-3 | 2-3 |
| BAYFLTR201C | 1-2" Filter Frame (requires one 18x20 and one 18x18 filter which are not included)①⑫ | 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 Damper① | 6 | 2-3 | 2-3 | 2-3 |
| BAYOSAH002A | Manual Fresh Air Damper① | 8 | 3½-5 | 3½-5 | 3½-5 |
| BAYQSTK300A | Start Kit (not factory installed) | | ✔ | — | ✔ |
| BAYSQRD001B | 16" Round Duct Adapter⑩ | 5 | 2-3 | 2-3 | 2-3 |
| BAYSQRD002B | 18" Round Duct Adapter⑩ | 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 BAYSQRD002B 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.**
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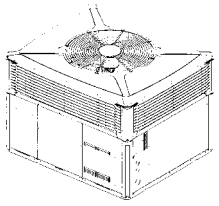
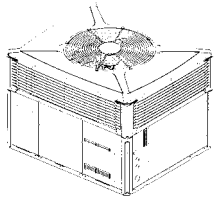
# Packaged Hybrid/Dual Fuel Convertible 2-5 Tons



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 |
|---|---|---|---|---|---|---|---|---|---|---|
| **4DCZ6 – 208-230/1/60** | | | | | | | | | | |
| 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 |
| **4DCZ6 – 208-230/3/60** | | | | | | | | | | |
| 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 |
|---|---|---|---|---|---|---|---|---|---|---|
| **4DCY4 – 208-230/1/60** | | | | | | | | | | |
| 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 |
| 4DCY4048C1090B | 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 |
| **4DCY4 – 208-230/3/60** | | | | | | | | | | |
| 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.**
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# 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 **Duration™** high efficiency compressor with internal overload protection | ✔ | ✔ |
| • Factory supplied charge | R-410A | R-410A |
| • Composite **Vortica®** indoor blower | ✔ | ✔ |
| • Direct drive, variable speed ECM blower motor ** | ✔ | ✔ |
| • All aluminum **Spine Fin™** 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 | ✔ | ✔ |
| • **20-year heat exchanger, 12-year compressor, 10-year coils, & 10-year all other functional parts limited warranty (no registration required; Residential use)** | ✔ | — |
| • **20-year heat exchanger, 10-year compressor, 10-year coils, & 10-year all other functional parts limited warranty (no registration required; Residential use)** | — | ✔ |
| • **Extended Warranties Available** | ✔ | ✔ |

**Constant airflow ECM (electronically commutated motor).

**For dimensional/outline drawings, please refer to Product Data.**
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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 Door⑫ | | 3 | 2-3 |
| BAYACCDOR2A | Hinged Filter Access Door⑫ | | 4-5 | 3½-5 |
| BAYACCEADP1A | Adaptor Kit for Installation of **AccuClean™** and 5" Media Filter (Horizontal)⑩ | 10 | 2-3 | 2-3 |
| BAYACCEADP2A | Adaptor Kit for Installation of **AccuClean™** and 5" Media Filter (Horizontal)⑩ | 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 Timer④ | | ✔ | ✔ |
| 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)⑥ | | 3-5 | 2-5 |
| BAYCOVR118A | 18" Duct Shroud (Covers Horizontal Ducts)⑥ | | 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)①②③④⑩⑪ | | — | 2-3 |
| BAYECON102A | Economizer with Barometric Relief (Downflow)①②③④⑩⑪ | | — | 3½-5 |
| BAYECON103A | Economizer with Barometric Relief (Downflow)①②③④⑩⑪ | 50 | 3 | — |
| BAYECON104A | Economizer with Barometric Relief (Downflow)①②③④⑩⑪ | 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 Frame②⑭-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. Economizer⑬ | | 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 (not factory installed) | | ✔ | ✔ |
| BAYSQRD001B | 16" Round Duct Adapter⑤ | 5 | 3 | 2-3 |
| BAYSQRD002B | 18" Round Duct Adapter⑤ | 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 BAYSQRD002B 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 |

**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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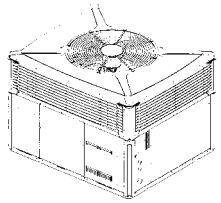
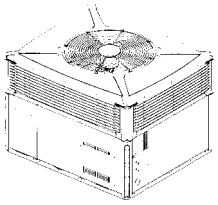
# Packaged Heat Pump Convertible 2-5 Tons



4WCZ6

### Table PK-7-A — 4WCZ6 - Platinum 16 - Convertible Packaged Heat Pump - R-410A

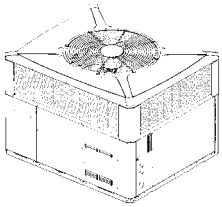
| Model Number | Capacity | SEER | EER High/Low | HSPF | Shipping Weight | MCA | Max Fuse | Sound Rating | Uncrated Dimensions (in.) H x D x W |
|---|---|---|---|---|---|---|---|---|---|
| **4WCZ6 – 208-230/1/60** | | | | | | | | | |
| 4WCZ6024A1000A | 24,000 | 16.00 | 12.00/18.30 | 8.20 | 442 | 19.5 | 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 |
| **4WCZ6 – 208-230/3/60** | | | | | | | | | |
| 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 |
| **4WCZ6 – 460/3/60** | | | | | | | | | |
| 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

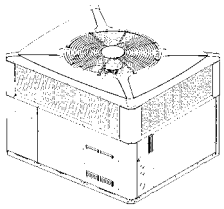
| Model Number | Capacity | SEER/EER | HSPF | Shipping Weight | MCA | Max Fuse | Sound Rating | Uncrated Dimensions (in.) H x D x W |
|---|---|---|---|---|---|---|---|---|
| **4WCY5 – 208-230/1/60** | | | | | | | | |
| 4WCY5024A1000A | 25,000 | 15.00/13.00 | 8.30 | 453 | 18.1 | 25 | 69.1 | 36 x 42 x 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 |
|---|---|---|---|---|---|---|---|---|
| **4WCC4 – 208-230/1/60** | | | | | | | | |
| 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 |



4WCY4
(3-phase only)

### Table PK-7-D — 4WCY4 - Gold 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 |
|---|---|---|---|---|---|---|---|---|
| **4WCY4 – 208-230/3/60** | | | | | | | | |
| 4WCY4036B3000A | 36,000 | 14.00/11.70 | 8.00 | 468 | 18.4 | 25 | 69 | 38 x 42 x 49 |
| 4WCY4048A3000C | 47,000 | 14.00/11.75 | 8.00 | 607 | 25.3 | 35 | 73 | 38 x 45 x 59 |
| 4WCY4060A3000C | 58,000 | 14.00/11.50 | 8.00 | 623 | 28.6 | 45 | 76 | 42 x 45 x 59 |

**For dimensional/outline drawings, please refer to Product Data.**
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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 **Duration™** high efficiency compressor with internal overload protection | ✔ | ✔ | ✔ | — |
| • Factory supplied charge | R-410A | R-410A | R-410A | R-410A |
| • Composite **Vortica®** indoor blower | ✔ | ✔ | ✔ | ✔ |
| • Direct drive, multi-speed ECM blower motor (high efficiency)* | — | — | — | ✔ |
| • Direct drive, variable speed ECM blower motor ** | ✔ | ✔ | ✔ | — |
| • All aluminum **Spine Fin™** 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 | ✔ | ✔ | ✔ | ✔ |
| • **10-year compressor, 10-year outdoor coil, & 10-year all other functional parts limited warranty (no registration required; Residential use)** | — | ✔ | ✔ | ✔ |
| • **12-year compressor, 10-year outdoor coil, & 10-year all other functional parts limited warranty (no registration required; Residential use)** | ✔ | — | — | — |
| • **Extended Warranties Available** | ✔ | ✔ | ✔ | ✔ |

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

**For dimensional/outline drawings, please refer to Product Data.**
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# Packaged Heat Pump Convertible 2-5 Tons

## Table PK-9-A — Accessories

| Model Number | Description | Shipping Weight | 4WCZ6 2-5 | 4WCY5 2-5 | 4WCY4 3-5 | 4WCC4 2-5 |
|---|---|---|---|---|---|---|
| BAYACCDOR1A | Hinged Filter Access Door⑫ | | 2-3 | 2-3 | 3 | 2-3 |
| BAYACCDOR2A | Hinged Filter Access Door⑫ | | 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 | 3⅕-5 | 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 Timer④ | | ✔ | ✔ | ✔ | ✔ |
| 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 Damper②⑦⑧⑨⑩ | | 2-3 | 2-3 | 3 | 2-3 |
| BAYDMPR102A | 2-Position Motorized Damper②⑦⑧⑨⑩ | | 4-5 | 3½-5 | 3½-5 | 3½-5 |
| BAYECON101A | Economizer with Barometric Relief (Downflow)①②③④⑩⑪ | | — | 2-3 | 2-3 | 2-3 |
| BAYECON102A | Economizer with Barometric Relief (Downflow)①②③④⑩⑪ | | — | 3½-5 | 3½-5 | 3½-5 |
| BAYECON103A | Economizer with Barometric Relief (Downflow)①②③④⑩⑪ | 50 | 2-3 | — | — | — |
| BAYECON104A | Economizer with Barometric Relief (Downflow)①②③④⑩⑪ | 65 | 4-5 | — | — | — |
| BAYECON200A | Economizer (Horizontal)①②③④⑦ | | — | 2-3 | 3 | 2-3 |
| BAYECON201A | Economizer (Horizontal)①②③④⑦ | | — | 3½-5 | 3½-5 | 3½-5 |
| 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 | 2-3 | 2-3 | 2-3 | 2-3 |
| BAYFLTR201C | 1-2" Filter Frame②⑭-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 Relay① | 1 | — | ✔ | ✔ | ✔ |
| BAYRLAY006A | Economizer Relay① | 1 | ✔ | — | — | — |
| BAYOSAC001B | Outside Air Control for V.S. Economizer⑬ | | 2,4,5 | — | — | 3-5 |
| BAYOSAH001A | Manual Fresh Air Damper② | 6 | 2-3 | 2-3 | 3 | 2-3 |
| BAYOSAH002A | Manual Fresh Air Damper② | 8 | 4,5 | 3½-5 | 3½-5 | 3½-5 |
| BAYQSTK300A | Start Kit (not factory installed) | | ✔ | ✔ | ✔ | ✔ |
| BAYSQRD001B | 16" Round Duct Adapter⑤ | 5 | 2-3 | 2-3 | 2-3 | 2-3 |
| BAYSQRD002B | 18" Round Duct Adapter⑤ | 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 BAYSQRD002B 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 |

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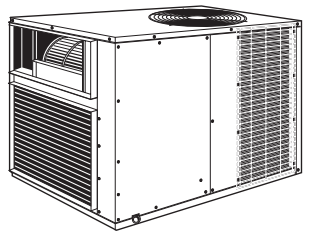
# Packaged Heat Pump Over/Under 2-3½ Tons



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 |

| Tons | Supply H x W | Return H x W |
|---|---|---|
| 2 – 3½ | 8⅜ x 27⅜ | 16¾ x 27⅜ |

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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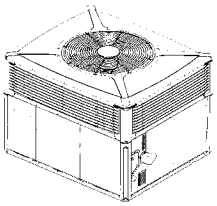
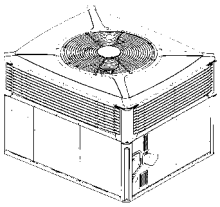
# Packaged Gas/Electric Convertible 2-5 Tons



4YCZ6

**Table PK-11-A — 4YCZ6 - Platinum 16 - Convertible Packaged Gas/Electric - R-410A**

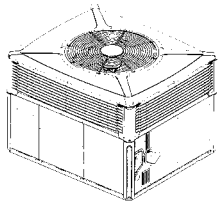
| Model Number | Cooling Capacity (BTUH) | Heating Capacity Output (1 Stg./2 Stg.) | SEER | EER High/Low | AFUE(%) | Shipping Weight | MCA | Max Fuse | Sound Rating | Uncrated Dimensions. (in.) H x D x W |
|---|---|---|---|---|---|---|---|---|---|---|
| **4YCZ6 – 208-230/1/60** | | | | | | | | | | |
| 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 |
| **4YCZ6 – 208-230/3/60** | | | | | | | | | | |
| 4YCZ6036A3075C | 35,600 | 45,000/60,000 | 16.60 | 12.00/13.60 | 80.0 | 488 | 19.7 | 30 | 70 | 38 x 42 x 49 |
| 4YCZ6036A3096C | 35,600 | 57,600/77,000 | 16.60 | 12.00/13.60 | 80.0 | 493 | 19.7 | 30 | 70 | 38 x 42 x 49 |
| 4YCZ6048A3096C | 48,000 | 57,600/77,000 | 16.00 | 12.00/13.48 | 80.0 | 659 | 25.2 | 35 | 71 | 42 x 45 x 59 |
| 4YCZ6048A3120C | 48,000 | 72,000/96,000 | 16.00 | 12.00/13.48 | 80.0 | 665 | 25.2 | 35 | 71 | 42 x 45 x 59 |
| 4YCZ6060A3120C | 57,500 | 72,000/96,000 | 15.10 | 11.40/12.65 | 80.0 | 676 | 28.6 | 40 | 73 | 42 x 45 x 59 |
| **4YCZ6 – 460/3/60** | | | | | | | | | | |
| 4YCZ6036A4075D | 35,600 | 45,000/60,000 | 16.60 | 12.00/13.60 | 79.0 | 488 | 11.9 | 15 | 70 | 38 x 42 x 49 |
| 4YCZ6036A4096D | 35,600 | 57,600/77,000 | 16.60 | 12.00/13.60 | 80.0 | 493 | 11.9 | 15 | 70 | 38 x 42 x 49 |
| 4YCZ6048A4096D | 48,000 | 57,600/77,000 | 16.00 | 12.00/13.48 | 80.0 | 659 | 15.3 | 20 | 71 | 42 x 45 x 59 |
| 4YCZ6048A4120D | 48,000 | 72,000/96,000 | 16.00 | 12.00/13.48 | 80.0 | 665 | 15.3 | 20 | 71 | 42 x 45 x 59 |
| 4YCZ6060A4120D | 57,500 | 72,000/96,000 | 15.10 | 11.40/12.65 | 80.0 | 676 | 17.2 | 20 | 73 | 42 x 45 x 59 |



4YCY5

**Table PK-11-B — 4YCY5- 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 |
|---|---|---|---|---|---|---|---|---|---|
| **4YCY5– 208-230/1/60** | | | | | | | | | |
| 4YCY5024A1060A | 23,800 | 48,000/60,000 | 15.00/12.00 | 81 | 425 | 18.4 | 25 | 65 | 36 x 42 x 49 |
| 4YCY5030A1070A | 28,400 | 56,000/70,000 | 15.00/12.00 | 81 | 455 | 21.2 | 30 | 70 | 36 x 42 x 49 |
| 4YCY5036A1070A | 36,000 | 56,000/70,000 | 15.00/12.00 | 81 | 460 | 23.8 | 35 | 69 | 38 x 42 x 49 |
| 4YCY5036A1090A | 36,000 | 72,000/90,000 | 15.00/12.00 | 81 | 465 | 23.8 | 35 | 69 | 38 x 42 x 49 |
| 4YCY5042A1090A | 41,000 | 72,000/90,000 | 15.00/12.00 | 81 | 593 | 28.6 | 45 | 71 | 38 x 45 x 59 |
| 4YCY5048A1090A | 48,000 | 72,000/90,000 | 15.00/12.00 | 81 | 616 | 34.2 | 50 | 71 | 38 x 45 x 59 |
| 4YCY5048A1115A | 48,000 | 90,000/115,000 | 15.00/12.00 | 81 | 622 | 34.2 | 50 | 71 | 38 x 45 x 59 |
| 4YCY5060A1115A | 57,500 | 92,000/115,000 | 15.00/11.40 | 81 | 633 | 44.4 | 60 | 73 | 42 x 45 x 59 |



4YCY4
(3-phase only)

**Table PK-11-C — 4YCY4 - 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 |
|---|---|---|---|---|---|---|---|---|---|
| **4YCY4 – 208-230/3/60** | | | | | | | | | |
| 4YCY4036B3075A | 38,000 | 45,000/60,000 | 14.30/12.00 | 80.0 | 488 | 18.5 | 25 | 69 | 38 x 42 x 49 |
| 4YCY4036B3096A | 38,000 | 57,600/77,000 | 14.20/12.00 | 80.0 | 493 | 18.5 | 25 | 69 | 38 x 42 x 49 |
| 4YCY4048B3096A | 48,000 | 57,600/77,000 | 14.20/12.00 | 80.0 | 653 | 25.3 | 35 | 73 | 38 x 45 x 59 |
| 4YCY4048B3120A | 48,000 | 72,000/96,000 | 14.20/11.90 | 80.0 | 659 | 25.3 | 35 | 73 | 38 x 45 x 59 |
| 4YCY4060A3120B | 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.**
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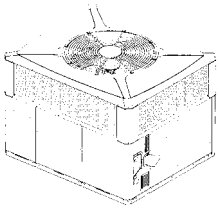
# Packaged Gas/Electric Convertible 2-5 Tons



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 |
|---|---|---|---|---|---|---|---|---|---|
| **4YCC4 – 208-230/1/60** | | | | | | | | | |
| 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 |

**For dimensional/outline drawings, please refer to Product Data.**
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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 **Duration™** high efficiency compressor with internal overload protection | ✔ | ✔ | ✔ | ✔ |
| • Factory supplied charge | R-410A | R-410A | R-410A | R-410A |
| • Composite **Vortica®** indoor blower | ✔ | ✔ | ✔ | ✔ |
| • High efficiency ECM indoor blower motor with **Comfort-R™** airflow system | ✔ | ✔ | ✔ | — |
| • Direct drive, multi-speed ECM blower motor (high efficiency)* | — | — | — | ✔ |
| • All aluminum **Spine Fin™** 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 | 3, 4, 5 | ✔ | 5 |
| • All aluminum indoor coil | 2 | 2, 2½, 3½ | — | 2-4 |
| • All models are certified to ANSI 221.47/CSA 2.3 | ✔ | ✔ | ✔ | — |
| • **20-year heat exchanger, 12-year compressor, 10-year coils, & 10-year all other functional parts limited warranty (no registration required; Residential use)** | ✔ | — | — | — |
| • **20-year heat exchanger, 10-year compressor, 10-year coils, & 10-year all other functional parts limited warranty (no registration required; Residential use)** | — | ✔ | ✔ | ✔ |
| • **Extended warranties available** | ✔ | ✔ | ✔ | ✔ |

*Constant torque ECM (electronically commutated motor).

**For dimensional/outline drawings, please refer to Product Data.**
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# 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 Door⑫ | | 2-3 | 2-3 | 2-3 | 2-3 |
| BAYACCDOR2A | Hinged Filter Access Door⑫ | | 3½-5 | 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 |
| BAYCURB051A | Adaptor Kit for Installation of **AccuClean™** and 5" Media Filter (Horizontal)⑩ | 12 | 3½-5 | 3½-5 | 3⅕-5 | 3⅕-5 |
| 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 Timer④ | | ✔ | — | ✔ | ✔ |
| 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)⑥ | | 2-5 | 2-5 | 2-5 | 2-5 |
| BAYCOVR118A | 18" Duct Shroud (Covers Horizontal Ducts)⑥ | | 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)①②③⑩⑪ | 50 | — | 2-3 | 2-3 | 2-3 |
| BAYECON102A | Economizer with Barometric Relief (Downflow)①②③⑩⑪ | 65 | — | 3½ | 3½-5 | ½-5 |
| BAYECON103A | Economizer with Barometric Relief (Downflow)①②③⑩⑪ | | 2-3 | — | — | — |
| BAYECON104A | Economizer with Barometric Relief (Downflow)①②③⑩⑪ | | 4-5 | 4-5 | — | — |
| BAYECON200A | Economizer (Horizontal)①②③⑦ | 85 | — | 2-3 | 2-3 | 2-3 |
| BAYECON201A | Economizer (Horizontal)①②③⑦ | 85 | — | 3½ | 3½-5 | 3½-5 |
| BAYECON203A | Economizer (Horizontal)①②③⑦ | | 2-3 | — | — | — |
| BAYECON204A | Economizer (Horizontal)①②③⑦ | | 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 Frame①⑭-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 | 70K |
| BAYOSAC001B | Outside Air Control for V.S. Economizer⑬ | | 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 (not factory installed) | | ✔ | ✔ | — | ✔ |
| BAYSQRD001B | 16" Round Duct Adapter⑤ | 5 | 2-3 | 2-3 | 2-3 | 2-3 |
| BAYSQRD002B | 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 BAYSQRD002B 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.**
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# 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.**

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



Effective 1/1/21
14-1011-38

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.**
**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.



Effective 1/1/21
14-1011-38

BUILT TO A HIGHER STANDARD®
American Standard®
HEATING & AIR CONDITIONING

# Supplemental Heater Table Packaged Convertible 2-5 Tons

| | 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) |
| 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.



Effective 1/1/21
14-1011-38

AMERISTAR
BY AMERICAN STANDARD HEATING & AIR

# Model Nomenclature

AMERISTAR
BY AMERICAN STANDARD HEATING & AIR

A 4 A C 4 0 4 8 A 1 0 0 0 A A

## AC and HP

Brand
A = Ameristar Brand

Refrigerant Type
4 = R410A

Product Family
AC = Air Conditioner
HP = Heat Pump

Nominal Efficiency Rating
3 = 13 SEER
4 = 14 SEER
6 = 16 SEER

Nominal Capacity
BTU/Hour x 1000

Major Develpoment Sequence
Primary Design / Form Series
Alphabetic Character “A” through “Z”

Electric Power Supply
1 = 200-230V/1PH/60Hz or 208-230V/1PH/60Hz

Secondary Function
000 = No Secondary Function

Minor Design Sequence/Series - Design Change
Alphabetic Character “A” through “Z”

AMERISTAR
BY AMERICAN STANDARD HEATING & AIR

A 8 0 1 X 0 4 0 A M 2 S A A A

## Furnace

Brand
A = Ameristar Brand

Model Family (Nominal Efficiency)
80 = 80% Non-Condensing
95 = 95% + Condensing

Gas Valve Stages
1 = 1 Stage Gas Valve
2 = 2 Stage Gas Valve

Blower Type
P = PSC Motor
X = Constant Torque Motor
V = Variable Speed Motor

BTU Input (Nominal Heating Capacity)
BTU/Hour x 1000

Cabinet Width
A = 14.5”
B = 17.5”
C = 21”
D = 24.5”

Orientation
U = Upflow/Horizontal Right/Horizontal Left
D = Downflow
M = Multipoise

Nominal Cooling Airflow (in tons)

Type
S = Standard system
T = 40ng/J NOx
L = 14 ng/J NOx

Major Development Sequence
Primary Design/Form Series
Alphabetic Letter A through Z

Minor Development Sequence/Series
Design Change
Alphabetic Letter A through Z

AMERISTAR
BY AMERICAN STANDARD HEATING & AIR

A 4 A H 4 P 2 4 A 1 B 3 0 A A

## Air Handler

Brand
A = Ameristar Brand

Refrigerant Type
4 = R410A

Product Family
AH = Air Handler Unit

Nominal Efficiency Rating
4 = 14 SEER
6 = 16 SEER

Blower Type
P = PSC
V = Variable Speed
E = Constant Torque ECM

Nominal Capacity
BTU/HOUR x 1000

Major Develpoment Sequence
Primary Design / Form Series
Alphabetic Character “A” through “Z”

Electric Power Supply Characteristics
1 = 200-230V/1PH/60Hz or 208-230V/1PH/60Hz

Cabinet Width Size
B = 18.5”
C = 23.5”
D = 26.5”

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

Placeholder
0 = Nothing/Blank

Minor Development Sequence/Series
Design Change
Alphabetic Letter A through Z

AMERISTAR
BY AMERICAN STANDARD HEATING & AIR

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

## Air Handler - TMM

**Brand**
T = Ameristar

**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**

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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14-1011-38

AMERISTAR
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# Model Nomenclature



AMERISTAR
BY AMERICAN STANDARD HEATING & AIR

A 4 M X C 3 6 4 2 A C 6 H A A

## Coils

Brand
A = Ameristar Brand

Refrigerant Type
4 = R410A

Position
M = Multi-position (Up/Down/Left/Right)

Coil Design
X = Direct Expansion Evaporator Coil

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

Minimum Capacity
BTU/HOUR x 1000

Maximum Capacity
BTU/HOUR x 1000

Major Design Change
Alphabetic Letter A through Z

Efficiency
C = Standard

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

Coil Circuitry
H = Heat Pump
C = Cooling

Minor Development Sequence/Series
Design Change
Alphabetic Letter A through Z

Service Digit
Unit Parts Identifier A through Z

AMERISTAR
BY AMERICAN STANDARD HEATING & AIR

4 T C A 4 0 2 4 A 1 0 0 0 A A

## Packaged Unit

Refrigerant Type
4 = R410A

Type
Y = Gas Electric
W = Heat Pump Packaged
T = A/C (Cooling, Electric Heat)

Unit Functionality & Classification
C = Convertible
H = Dedicated Horizontal

Brand
A = Ameristar Brand

Family SEER
4 = 14

Nominal
Cooling Capacity
(BTU/HOUR x 1000)

Major Modification
Major Design Modification A through Z

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

Heating Capacity
Capacity (MBTU/H) 0 through 9

Minor Development Sequence/Series
Design Change
Alphabetic Letter A through Z

Service Digit
Unit Parts Identifier A through Z

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



Effective 1/1/21
14-1011-38

AMERISTAR®
BY AMERICAN STANDARD HEATING & AIR

# Split System Cooling Single Phase – 1½-5 Tons

A4AC3
Air Conditioner

### Table AMSC-1-A — 13 SEER Split System Air Conditioner

| Model Number | Power Supply | Nom. Cap. Cooling (BTUH) | Uncrated Dimensions (in.) H | W | D | Shipping Weight (lbs.) | Sound** Rating | MCA* | Max. Fuse* | Line Size (in) OD Gas | OD Liq. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| A4AC3018A1000B | 208/230/1/60 | 18,000 | 28.6 | 23.6 | 23.6 | 152 | 74 | 12 | 20 | 3/4 | 3/8 |
| A4AC3023A1000B | 208/230/1/60 | 24,000 | 28.6 | 23.6 | 23.6 | 152 | 75 | 18 | 30 | 3/4 | 3/8 |
| A4AC3024A1000B | 208/230/1/60 | 24,000 | 28.6 | 25.6 | 25.6 | 158 | 74 | 18 | 30 | 3/4 | 3/8 |
| A4AC3029A1000B | 208/230/1/60 | 30,000 | 28.6 | 23.6 | 23.6 | 152 | 75 | 16 | 25 | 3/4 | 3/8 |
| A4AC3030A1000B | 208/230/1/60 | 30,000 | 28.6 | 25.6 | 25.6 | 158 | 74 | 16 | 25 | 3/4 | 3/8 |
| A4AC3036A1000B | 208/230/1/60 | 36,000 | 32.6 | 25.6 | 25.6 | 188 | 75 | 18 | 30 | 3/4 | 3/8 |
| A4AC3042A1000B | 208/230/1/60 | 42,000 | 28.6 | 29.8 | 29.8 | 205 | 76 | 22 | 35 | 7/8 | 3/8 |
| A4AC3043A1000B | 208/230/1/60 | 44,000 | 28.6 | 34.3 | 34.3 | 223 | 76 | 22 | 35 | 7/8 | 3/8 |
| A4AC3048B1000B | 208/230/1/60 | 48,000 | 28.6 | 34.3 | 34.3 | 189 | 76 | 24 | 40 | 7/8 | 3/8 |
| A4AC3060A1000B | 208/230/1/60 | 60,000 | 36.6 | 34.3 | 34.3 | 251 | 76 | 31 | 50 | 7/8 | 3/8 |

A4AC4
Air Conditioner

### Table AMSC-1-B — 14 SEER Split System Air Conditioner

| Model Number | Power Supply | Nom. Cap. Cooling (BTUH) | Uncrated Dimensions (in.) H | W | D | Shipping Weight (lbs.) | Sound** Rating | MCA* | Max. Fuse* | Line Size (in) OD Gas | OD Liq. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| A4AC4018A1000B | 208/230/1/60 | 18,000 | 28.6 | 23.6 | 23.6 | 152 | 74 | 12 | 20 | 3/4 | 3/8 |
| A4AC4023A1000B | 208/230/1/60 | 24,000 | 32.6 | 23.6 | 23.6 | 152 | 75 | 14 | 25 | 3/4 | 3/8 |
| A4AC4024A1000B | 208/230/1/60 | 24,000 | 28.6 | 25.6 | 25.6 | 158 | 74 | 14 | 25 | 3/4 | 3/8 |
| A4AC4030A1000B | 208/230/1/60 | 30,000 | 28.6 | 29.8 | 29.8 | 188 | 74 | 17 | 25 | 3/4 | 3/8 |
| A4AC4036A1000B | 208/230/1/60 | 36,000 | 32.6 | 29.8 | 29.8 | 189 | 74 | 18 | 30 | 3/4 | 3/8 |
| A4AC4042A1000B | 208/230/1/60 | 42,000 | 28.6 | 34.3 | 34.3 | 189 | 76 | 22 | 35 | 7/8 | 3/8 |
| A4AC4048A1000B | 208/230/1/60 | 48,000 | 28.6 | 34.3 | 34.3 | 189 | 76 | 24 | 40 | 7/8 | 3/8 |
| A4AC4060A1000B | 208/230/1/60 | 60,000 | 36.6 | 34.3 | 34.3 | 251 | 76 | 31 | 50 | 7/8 | 3/8 |

A4AC6
Air Conditioner

### Table AMSC-1-C — 16 SEER Split System Air Conditioner

| Model Number | Power Supply | Nom. Cap. Cooling (BTUH) | Uncrated Dimensions (in.) H | W | D | Shipping Weight (lbs.) | Sound** Rating | MCA* | Max. Fuse* | Line Size (in) OD Gas | OD Liq. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| A4AC6018A1000A | 208/230/1/60 | 18,000 | 28.6 | 23.6 | 23.6 | 152 | 76 | 12 | 20 | 3/4 | 3/8 |
| A4AC6024A1000A | 208/230/1/60 | 24,000 | 28.6 | 25.6 | 25.6 | 158 | 76 | 14 | 25 | 3/4 | 3/8 |
| A4AC6030A1000A | 208/230/1/60 | 24,000 | 28.6 | 29.8 | 29.8 | 188 | 76 | 17 | 25 | 3/4 | 3/8 |
| A4AC6031A1000A | 208/230/1/60 | 30,000 | 36.6 | 29.8 | 29.8 | 220 | 76 | 17 | 25 | 3/4 | 3/8 |
| A4AC6036A1000A | 208/230/1/60 | 36,000 | 32.6 | 29.8 | 29.8 | 189 | 76 | 18 | 30 | 3/4 | 3/8 |
| A4AC6037A1000A | 208/230/1/60 | 36,000 | 36.6 | 34.3 | 34.3 | 246 | 76 | 18 | 30 | 3/4 | 3/8 |
| A4AC6042A1000A | 208/230/1/60 | 42,000 | 44.6 | 34.3 | 34.3 | 302 | 76 | 21 | 35 | 7/8 | 3/8 |
| A4AC6048A1000A | 208/230/1/60 | 48,000 | 44.6 | 34.3 | 34.3 | 306 | 76 | 24 | 40 | 7/8 | 3/8 |
| A4AC6060A1000A | 208/230/1/60 | 60,000 | 44.6 | 34.3 | 34.3 | 327 | 76 | 27 | 45 | 7/8 | 3/8 |

Note: Odd-number capacity in the model number, for 2.5 ton and below, indicates smaller-footprint outdoor unit options. The even-number capacity models will have additional indoor matches and ratings options. Check AHRI.org and Comfortsite to verify system match ups.
For example: A4AC30**23**A1000A or A4HP40**17**A1000A

* 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).

AMERISTAR®
BY AMERICAN STANDARD HEATING & AIR

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

| Table AMSC-2-A — Features | A4AC3 | A4AC4 | A4AC6 |
|---|---|---|---|
| • SEER up to | 14.00 | 15.00 | 16.00 |
| • All-aluminum coil | ✔ | ✔ | ✔ |
| • Scroll compressor for quiet & reliable operation | ✔ | ✔ | ✔ |
| • Small unit footprint for tight spaces (1.5-5 Tons) | ✔ | ✔ | ✔ |
| • Quiet operation | 76 dB | ✔ | ✔ | ✔ |
| • Pre-painted steel cabinet & base pan | ✔ | ✔ | ✔ |
| • **5-year limited functional parts warranty** | ✔ | ✔ | ✔ |
| • **10-year functional parts warranty with product registration** | ✔ | ✔ | ✔ |
| • **Commercial Applications: Limited Warranty. All other functional parts 1 year** | ✔ | ✔ | ✔ |

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

| Model Number | Description | | | |
|---|---|---|---|---|
| AY28X079 | Evap. Defrost Control Kit | ✔ | ✔ | ✔ |
| BAYCCHT301RES | Crankcase Heater Kit (Scroll) | 3.5 - 5.0 | 3.5 - 5.0 | 3.5 - 5.0 |
| BAYCCHT302RES | Crankcase Heater Kit (Scroll) | 1.5 - 3.0 | 1.5 - 3.0 | 1.5 - 3.0 |
| BAYISLT101 | Rubber Isolators | ✔ | ✔ | ✔ |
| BAYLOAM108 | External Low Ambient Kit | ✔ | ✔ | ✔ |
| BAYLEGS007 | Snow Legs - 7" High (Black) | ✔ | ✔ | ✔ |
| BAYLEGS004 | Snow Legs - 4" High (Black) | ✔ | ✔ | ✔ |
| BAYKSKT267 | External Start Kit | ✔ | ✔ | ✔ |
| BAYSDEN003 | Small Scroll Compressor Enclosures | 1.5 - 3.0 | 1.5 - 3.0 | 1.5 - 3.0 |
| BAYSDEN004 | Large Scroll Compressor Enclosures | 3.5 - 5.0 | 3.5 - 5.0 | 3.5 - 5.0 |



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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14-1011-38

AMERISTAR®
BY AMERICAN STANDARD HEATING & AIR

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

A4HP4
Heat Pump

## Table AMSH-1-A — 14 SEER Split System Heat Pump

| Model Number | Power Supply | Nom. Cap. Cooling (BTUH) | Uncrated Dimensions (in.) H | W | D | Shipping Weight (lbs.) | Sound** Rating | MCA* | Max. Fuse* | Line Size (in) OD Gas | OD Liq. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| A4HP4017A1000B | 208/230/1/60 | 18,000 | 28.6 | 23.6 | 23.6 | 164 | 76 | 12 | 20 | 3/4 | 3/8 |
| A4HP4018A1000B | 208/230/1/60 | 18,000 | 28.6 | 25.6 | 25.6 | 167 | 75 | 12 | 20 | 3/4 | 3/8 |
| A4HP4023A1000B | 208/230/1/60 | 24,000 | 28.6 | 25.6 | 25.6 | 167 | 76 | 14 | 25 | 3/4 | 3/8 |
| A4HP4024A1000B | 208/230/1/60 | 24,000 | 28.6 | 29.8 | 29.8 | 187 | 75 | 14 | 25 | 3/4 | 3/8 |
| A4HP4030A1000B | 208/230/1/60 | 30,000 | 28.6 | 34.3 | 34.3 | 207 | 74 | 17 | 25 | 3/4 | 3/8 |
| A4HP4036A1000B | 208/230/1/60 | 36,000 | 28.6 | 34.3 | 34.3 | 207 | 76 | 19 | 30 | 7/8 | 3/8 |
| A4HP4042A1000B | 208/230/1/60 | 42,000 | 28.6 | 34.3 | 34.3 | 227 | 76 | 25 | 40 | 7/8 | 3/8 |
| A4HP4048A1000B | 208/230/1/60 | 48,000 | 32.6 | 34.3 | 34.3 | 240 | 76 | 25 | 45 | 7/8 | 3/8 |
| A4HP4060A1000B | 208/230/1/60 | 60,000 | 44.6 | 34.3 | 34.3 | 283 | 76 | 32 | 50 | 7/8 | 3/8 |

A4HP6
Heat Pump

## Table AMSH-1-B — 16 SEER Split System Heat Pump

| Model Number | Power Supply | Nom. Cap. Cooling (BTUH) | Uncrated Dimensions (in.) H | W | D | Shipping Weight (lbs.) | Sound** Rating | MCA* | Max. Fuse* | Line Size (in) OD Gas | OD Liq. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| A4HP6018A1000A | 208/230/1/60 | 18,000 | 28.6 | 25.6 | 25.6 | 167 | 76 | 12 | 20 | 3/4 | 3/8 |
| A4HP6024A1000A | 208/230/1/60 | 24,000 | 28.6 | 29.8 | 29.8 | 187 | 76 | 14 | 25 | 3/4 | 3/8 |
| A4HP6030A1000A | 208/230/1/60 | 30,000 | 36.6 | 34.3 | 34.3 | 245 | 76 | 17 | 25 | 3/4 | 3/8 |
| A4HP6036A1000A | 208/230/1/60 | 36,000 | 36.6 | 34.3 | 34.3 | 246 | 76 | 18 | 30 | 3/4 | 3/8 |
| A4HP6042A1000A | 208/230/1/60 | 42,000 | 44.6 | 34.3 | 34.3 | 277 | 76 | 24 | 40 | 7/8 | 3/8 |
| A4HP6048A1000A | 208/230/1/60 | 48,000 | 44.6 | 34.3 | 34.3 | 300 | 76 | 26 | 40 | 7/8 | 3/8 |
| A4HP6060A1000A | 208/230/1/60 | 60,000 | 44.6 | 34.3 | 34.3 | 300 | 76 | 32 | 50 | 7/8 | 3/8 |

Note: Odd-number capacity in the model number, for 2.5 ton and below, indicates smaller-footprint outdoor unit options. The even-number capacity models will have additional indoor matches and ratings options. Check AHRI.org and Comfortsite to verify system match ups.
For example: A4AC30**23**A1000A or A4HP40**17**A1000A

* 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).



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 Single Phase – 1½-5 Tons

**Table AMSH-2-A — Features**

| | A4HP4 | A4HP6 |
|---|---|---|
| • SEER up to | 15.00 | 16.00 |
| • HSFP up to | 8.5 | 9.5 |
| • All-aluminum coil | ✔ | ✔ |
| • Scroll compressor for quiet & reliable operation | ✔ | ✔ |
| • Small unit footprint for tight spaces (1.5-5 Tons) | ✔ | ✔ |
| • Quiet operation | 76 dB | ✔ | ✔ |
| • Pre-painted steel cabinet & base pan | ✔ | ✔ |
| • **5-year functional parts limited warranty** | ✔ | ✔ |
| • **10-year functional parts warranty with product registration** | ✔ | ✔ |
| • **Commercial Applications: Limited Warranty. All other functional parts 1 year** | ✔ | ✔ |

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

| Model Number | Description | | |
|---|---|---|---|
| AY28X079 | Evap. Defrost Control Kit | ✔ | ✔ |
| BAYCCHT301RES | Crankcase Heater Kit (Scroll) | 3.5 - 5.0 | 3.5 - 5.0 |
| BAYCCHT302RES | Crankcase Heater Kit (Scroll) | 1.5 - 3.0 | 1.5 - 3.0 |
| BAYISLT101 | Rubber Isolators | ✔ | ✔ |
| BAYLOAM108 | External Low Ambient Kit | ✔ | ✔ |
| BAYLEGS007 | Snow Legs - 7" High (Black) | ✔ | ✔ |
| BAYLEGS004 | Snow Legs - 4" High (Black) | ✔ | ✔ |
| BAYKSKT267 | External Start Kit | ✔ | ✔ |
| BAYSDEN003 | Small Scroll Compressor Enclosures | 1.5 - 3.0 | 1.5 - 3.0 |
| BAYSDEN004 | Large Scroll Compressor Enclosures | 3.5 - 5.0 | 3.5 - 5.0 |



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 Air Handlers
# Single Phase 1½-5 Tons

**A4AH4 Multi-position Air Handlers**

### Table AMAH-1-A — R-410A 14 SEER Multi-position Air Handlers 208-230/1/60

| Model Number | Cooling Capacity (Btuh) | Uncrated Dimensions (in.) H | W | D | Shipping Weight (lbs.) | Supply Opening | Return Opening | Refrigerant Control | Filter Sizes | Line Size (in) Gas | Liquid |
|---|---|---|---|---|---|---|---|---|---|---|---|
| A4AH4P18A1B60B | 1.5 | 45.02 | 18.50 | 21.13 | 116 | 16.5 x 12.15 | 16.75 x 18.75 | FCCV① | ③ | 3/4 | 3/8 |
| A4AH4P24A1B60B | 2.0 | 45.02 | 18.50 | 21.13 | 116 | 16.5 x 12.15 | 16.75 x 18.75 | FCCV① | ③ | 3/4 | 3/8 |
| A4AH4P30A1B60B | 2.5 | 45.02 | 18.50 | 21.13 | 116 | 16.5 x 12.15 | 16.75 x 18.75 | FCCV① | ③ | 3/4 | 3/8 |
| A4AH4P36A1B30B | 3.0 | 45.02 | 18.50 | 21.13 | 116 | 16.5 x 12.15 | 16.75 x 18.75 | TXVNB② | ③ | 3/4 | 3/8 |
| A4AH4P37A1C30B | 3.0 | 51.27 | 23.50 | 21.13 | 145 | 21.5 x 12.15 | 21.75 x 18.75 | TXVNB② | ③ | 7/8 | 3/8 |
| A4AH4E42A1C30B | 3.5 | 51.27 | 23.50 | 21.13 | 145 | 21.5 x 12.15 | 21.75 x 18.75 | TXVNB② | ③ | 7/8 | 3/8 |
| A4AH4E48A1C30B | 4.0 | 51.27 | 23.50 | 21.13 | 145 | 21.5 x 12.15 | 21.75 x 18.75 | TXVNB② | ③ | 7/8 | 3/8 |
| A4AH4E60A1C30B | 5.0 | 51.27 | 23.50 | 21.13 | 145 | 21.5 x 12.15 | 21.75 x 18.75 | TXVNB② | ③ | 7/8 | 3/8 |

① 1.5 ,2, and 2.5 ton air handlers 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 Start Kit may be required on outdoor unit.
③ Filter not supplied. Remote filter required.

**A4AH6 Multi-position Air Handlers**

### Table AMAH-1-B — R-410A 16 SEER Multi-position Air Handlers 208-230/1/60

| Model Number | Cooling Capacity (Btuh) | Uncrated Dimensions (in.) H | W | D | Shipping Weight (lbs.) | Supply Opening | Return Opening | Refrigerant Control | Filter Sizes | Line Size (in) Gas | Liquid |
|---|---|---|---|---|---|---|---|---|---|---|---|
| A4AH6E19A1B30A | 18000 | 45 | 18.5 | 21 | 116 | 16.5 x 12.15 | 16.75 x 18.75 | TXV | ① | 3/4 | 3/8 |
| A4AH6E31A1B30A | 30000 | 46.8 | 18.5 | 21 | 145 | 16.5 x 12.15 | 16.75 x 18.75 | TXV | ① | 3/4 | 3/8 |
| A4AH6E43A1C30A | 42000 | 51.3 | 23.5 | 21 | 155 | 21.5 x 12.15 | 21.75 x 18.75 | TXV | ① | 7/8 | 3/8 |
| A4AH6E49A1C30A | 48000 | 55.9 | 23.5 | 21 | 185 | 21.5 x 12.15 | 21.75 x 18.75 | TXV | ① | 7/8 | 3/8 |
| A4AH6E61A1C30A | 60000 | 55.9 | 23.5 | 21 | 185 | 21.5 x 12.15 | 21.75 x 18.75 | TXV | ① | 7/8 | 3/8 |
| A4AH6V24A1B30A | 24000 | 46.8 | 18.5 | 21 | 126 | 16.5 x 12.15 | 16.75 x 18.75 | TXV | ① | 3/4 | 3/8 |
| A4AH6V30A1B30A | 30000 | 46.8 | 18.5 | 21 | 126 | 16.5 x 12.15 | 16.75 x 18.75 | TXV | ① | 3/4 | 3/8 |
| A4AH6V36A1C30A | 36000 | 51.3 | 23.5 | 21 | 155 | 21.5 x 12.15 | 21.75 x 18.75 | TXV | ① | 7/8 | 3/8 |
| A4AH6V42A1C30A | 42000 | 51.3 | 23.5 | 21 | 155 | 21.5 x 12.15 | 21.75 x 18.75 | TXV | ① | 7/8 | 3/8 |
| A4AH6V48A1D30A | 48000 | 53.9 | 26.5 | 21 | 181 | 24.5 x 12.15 | 24.75 x 18.75 | TXV | ① | 7/8 | 3/8 |
| A4AH6V60A1D30A | 60000 | 53.9 | 26.5 | 21 | 181 | 24.5 x 12.15 | 24.75 x 18.75 | TXV | ① | 7/8 | 3/8 |
| A4AH6V48A1C30A | 48000 | 55.9 | 23.5 | 21 | 185 | 21.5 x 12.15 | 21.75 x 18.75 | TXV | ① | 7/8 | 3/8 |
| A4AH6V60A1C30A | 60000 | 55.9 | 23.5 | 21 | 185 | 21.5 x 12.15 | 21.75 x 18.75 | TXV | ① | 7/8 | 3/8 |

① Filter not supplied. Remote filter required

Note: These Air Handlers are A.H.R.I certified with various Split System Air Conditioners and Heat Pumps (AHRI STANDARD 210/240). Refer to the Split System Outdoor Unit Product Data Guides for performance data.

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# Split System Air Handlers Single Phase 1½-5 Tons

| Table AMAH-2-C — Features | A4AH4 | A4AH6 |
|---|---|---|
| • Multi-Position Upflow / Downflow,* Horizontal Left /Right | ✔ | ✔ |
| • Unpainted galvanized metal cabinet with captured foil face insulation | ✔ | ✔ |
| • R-4.2 Insulating Value | ✔ | ✔ |
| • Wipeable interior design | ✔ | ✔ |
| • 2% or less air leakage | ✔ | ✔ |
| • All Aluminum Coil with Enhanced Patented Coil Fin | ✔ | ✔ |
| • Factory installed orifice with mechanical connections on both sides | 1.5-2.5 | — |
| • Factory installed R-410A Thermal Expansion Valve with mechanical connections on both sides | 3.0-5.0 | ✔ |
| • Optional field installed TXV kits with mechanical fittings for higher performance | 1.5-2.5 | — |
| • PSC Motor | 1.5-3.0 | — |
| • Constant Torque ECM Motor | 3.5-5.0 | A4AH6E |
| • VSPD ECM Motor | — | A4AH6V |
| • Electric Heaters with polarized plug connections (sold as accessory & field installed) | ✔ | ✔ |
| • Low Voltage Pigtail Connections | ✔ | ✔ |
| • Fused 24V Power | ✔ | ✔ |
| • Maximum Width 23.5" | ✔ | — |
| • Compact depth. | 21" | 21" |
| • Draw through design | ✔ | ✔ |
| • Approved for manufactured/mobile home use | ✔ | ✔ |
| • **5-year functional parts limited warranty/No Registration Required** | ✔ | ✔ |
| • **10-year functional parts warranty with product registration** | ✔ | ✔ |
| • **Commercial Applications: Limited Warranty. All other functional parts 1 year** | ✔ | ✔ |

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

| Model Number | Description | Matches Cabinet Size(s) | | |
|---|---|---|---|---|
| BAYTEMSPFG1 | Supply Duct Flange Kit | 18.5" and 23.5 | ✔ | ✔ |
| BAYSPEKT201A | Single Point Power Entry Kit | 18.5" and 23.5 | ✔ | ✔ |
| TAYBASE185 | Air Handler Downflow Sub-Bases | 18.5" | ✔ | ✔ |
| TAYBASE235 (TAYBASE100) | Air Handler Downflow Sub-Bases | 23.5" | ✔ | ✔ |
| BAYTEMDFKT1A | Downflow Condensate Management Kit | 23.5"① | ✔ | ✔ |
| BAYAHEMIKIT001 | Air handler Electronic Noise Kit used on Variable Speed Blower Motor | | ✔ | ✔ |
| TEMBRKSEALKT01A | Breaker Seal Kit for use with BAYHTR15 4kW 20 kW Heaters | | ✔ | ✔ |
| BAYSF1185AAA | Slim Fit Filter Box Kit | 18.5" | ✔ | ✔ |
| BAYSF1235AAA | Slim Fit Filter Box Kit | 23.5" | ✔ | ✔ |
| 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" | ✔ | ✔ |
| BAYTXV1830A | R-410A TXV kit | | 1½-2½ | — |
| BAYATXV1836B | R-22 TXV conversion kit | | 1½-2½ | — |
| BAYATXV4248B | R-22 TXV conversion kit | | 3-4 | — |
| BAYATXV6161B | R-22 TXV conversion kit | | 5 | — |
| BAY6TXV2442A | R-22 conversion kit for 2-3.5 Ton models | | — | ✔ |
| BAY6TXV4860A | R-22 conversion kit for 4-5 Ton D models | | — | ✔ |
| BAY6TXV6161C | R-22 conversion kit for 4-5 Ton C models | | — | ✔ |

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

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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# Heaters for Split System Air Handlers

### Table AMAH-3-A — BAYHTR15 — Heater, Standard, for A4AH4 Air Handlers

| Heater Model Number | Capacity @ 240 Volts kW | Capacity @ 240 Volts BTUH | Capacity @ 208 Volts kW | Capacity @ 208 Volts BTUH | Rated Voltage | Control Stages | Number of Heater Racks | Number of Circuits | Heater Amps per Circuit 208 Volts | Heater Amps per Circuit 240Volt | Contains Circuit Breakers |
|---|---|---|---|---|---|---|---|---|---|---|---|
| BAYHTR1504BRKC | 3.84 | 13100 | 2.88 | 9800 | 208/240/1/60 | 1 | 1 | 1 | 13.8 | 16 | Yes |
| 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 |
| 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 |
| 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 |
| 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 AMAH-3-B — BAYHTR35 — Heater, 3-Phase, for A4AH4 Air Handlers

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

BRK = Contains circuit breakers
LUG = Lug connections
① 3-Phase - W1 and W2 must be jumpered at low voltage connector

### Table AMAH-3-C — A4AH4 Air Handler and Heater matches

| HEATER MATRIX | | | | | |
|---|---|---|---|---|---|
| AIR HANDLER | HEATER MODEL NUMBER | | | | |
| MODEL NUMBER | BAYHTR1504BRKC<br>BAYHTR1504LUGB<br>3.84 Kw<br>BK<br>BAYHTR1505BRKC<br>BAYHTR1505LUGB<br>4.80 Kw<br>BK | BAYHTR1508BRKC<br>BAYHTR1508LUGB<br>7.68 Kw<br>BK<br>BAYHTR1510BRKC<br>BAYHTR1510LUGB<br>BAYHTR3510LUGC<br>9.60 Kw<br>BK | BAYHTR1517BRKA<br>BAYHTR3517LUGA<br>14.40 Kw<br>BK | BAYHTR1523BRKA<br>19.20 Kw<br>BK | BAYHTR1525BRKA<br>24.00 Kw<br>BK |
| A4AH4P18A1B60A<br>A4AH4P24A1B60A | Y | Y | - - | - - | - - |
| A4AH4P30A1B60A<br>A4AH4P36A1B30A | Y | Y | Y | - - | - - |
| A4AH4P37A1C30A<br>A4AH4E42A1C30A | Y | Y | Y | Y | - - |
| A4AH4E48A1C30A | Y | Y | Y | Y | Y |
| A4AH4E60A1C30A | Y | Y | Y | Y | Y |
| A4AH6E19A1B30A | Y | Y | | | |
| A4AH6V24A1B30A<br>A4AH6V30A1B30A<br>A4AH6E31A1B30A | Y | Y | Y | | |
| A4AH6V36A1C30A<br>A4AH6V42A1C30A<br>A4AH6E43A1C30A | Y | Y | Y | Y | |
| A4AH6E49A1C30A<br>A4AH6E61A1C30A<br>A4AH6V48A1C30A<br>A4AH6V60A1C30A<br>A4AH6V48A1D30A<br>A4AH6V60A1D30A | Y | Y | Y | 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.



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# TMM Wall, Stud, or Over the Water Heater Mount Air Handlers Single Phase 1½-3 Tons

**Table AMAH-4-A — TMM5 R-410A Wall, Stud, or Over the Water Heater Mount Air Handler 208-230/1/60, ECM Motor, Factory installed R-410A TXV, all aluminum coil, Cooling & Limited Heating**

| Unit Model No. | Cooling Capacity (Btuh) | Dimensions (in.) H x W x D | Shipping Weight (lbs.) | Supply Opening | Filter Sizes | Line Size Gas | Line Size Liquid |
|---|---|---|---|---|---|---|---|
| TMM5B0A24M21SA | 24000 | 36.5 x 20.5 x 15.0 | 93 | 15 x 9.5 | ① | 3/4 | 3/8 |
| TMM5B0B30M21SA | 30000 | 39.5 x 22.0 x 19.0 | 115 | 19 x 9.5 | ① | 3/4 | 3/8 |
| TMM5B0B36M31SA | 36000 | 39.5 x 22.0 x 19.0 | 115 | 19 x 9.5 | ① | 3/4 | 3/8 |

**Table AMAH-4-B — TMM4 R-410A Wall, Stud, or Over the Water Heater Mount Air Handler 208-230/1/60, PSC Motor, Factory installed R-410A orifice, all aluminum coil, Cooling & Heating**

| Unit Model No. | Cooling Capacity (Btuh) | Dimensions (in.) H x W x D | Shipping Weight (lbs.) | Supply Opening | Filter Sizes | Line Size Gas | Line Size Liquid |
|---|---|---|---|---|---|---|---|
| TMM4B0A18S21SA | 18000 | 36.5 x 20.5 x 15.0 | 97 | 15 x 9.5 | 1 | 3/4 | 3/8 |
| TMM4B0A24S21SA | 24000 | 36.5 x 20.5 x 15.0 | 97 | 15 x 9.5 | 1 | 3/4 | 3/8 |
| TMM4B0B30S21SA | 30000 | 39.5 x 22.0 x 19.0 | 119 | 19 x 9.5 | 1 | 3/4 | 3/8 |
| TMM4B0B36S31SA | 36000 | 39.5 x 22.0 x 19.0 | 119 | 19 x 9.5 | 1 | 3/4 | 3/8 |

① Filter not supplied. Remote filter required.

| Table AMAH-4-C — Features | TMM5B 2-3 | TMM4B 1-1/2-3 |
|---|---|---|
| • Painted metal cabinet with captured foil face insulation | ✔ | ✔ |
| • 2% or less air leakage | ✔ | ✔ |
| • All aluminum coil | ✔ | ✔ |
| • 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) | ✔ | ✔ |
| • **10-year functional parts warranty with product registration** | ✔ | ✔ |
| • **Commercial Applications: Limited Warranty. All other functional parts 1 year** | ✔ | ✔ |

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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# TMM Wall, Stud, or Over the Water Heater Mount Air Handlers Single Phase 1½-3 Tons



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

| Model Number | Description | TMM5B | TMM4B |
|---|---|---|---|
| 4AYTXVH3G2436A | R-410A TXV kit 1-1/2 to 3 ton | — | ✔ |
| 2AYTXVH3G2436A | R-22 TXV conversion kit 1-1/2 to 3 ton | ✔ | ✔ |
| BAYFRTLOUPNL20 | Front louver panel 20.5" width | — | ✔ |
| BAYFRTLOUPNL22 | Front louver panel 22.0" width | ✔ | ✔ |
| BAYTMMWALLPNL1 | Return air / service wall panel (Qty 20) | ✔ | ✔ |

# Heaters for TMM Split System Air Handlers

**Table AMAH-5-B — BAYHTRM — Heater, Standard, for TMM Air Handlers**

| Heater Model Number | Capacity @ 240 Volts kW | Capacity @ 240 Volts BTUH | Capacity @ 208 Volts kW | Capacity @ 208 Volts BTUH | Rated Voltage | Control Stages | Number of Heater Racks | Number of Circuits | Heater Amps per Circuit 208 Volts | Heater Amps per Circuit 240Volt | Contains Circuit Breakers |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 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 |

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# Split System – Cased Heat Pump and Cooling Coils

**4MXC Multi-Position Cased Coils**

**Table AMCOIL-1-A — Aluminum Single Stage Cased Coil (Upflow/Downflow/Horizontal) R-410A Refrigerant**

| Model Number | Cooling Capacity Range (Tons) | 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. |
|---|---|---|---|---|---|---|---|---|
| 4MXCA003AC6HCA | 2.0-3.0 | A | FCCV① | 13 x 19 | 20 x 14.5 x 21 | 51 | 3/4 | 3/8 |
| 4MXCB004AC6HCA | 2.0-3.0 | A | FCCV① | 16 x 19 | 20 x 17.5 x 21 | 55 | 3/4 | 3/8 |
| 4MXCC005AC6HCA | 2.5-3.0 | A | FCCV① | 19 1/2 x 19 | 20 x 21 x 21 | 59 | 3/4 | 3/8 |
| 4MXCB006AC6HCA | 3.0-4.0 | A | FCCV① | 16 x 19 | 26 x 17.5 x 21 | 66 | 7/8 | 3/8 |
| 4MXCC007AC6HCA | 3.0-4.0 | A | FCCV① | 19 1/2 x 19 | 26 x 21 x 21 | 70 | 7/8 | 3/8 |
| 4MXCD008AC6HCA | 3.5-4.0 | A | FCCV① | 23 x 19 | 26 x 24.5 x 21 | 74 | 7/8 | 3/8 |
| 4MXCC009AC6HCA | 4.0-5.0 | A | FCCV① | 19 1/2 x 19 | 30 x 21 x 21 | 91 | 7/8 | 3/8 |
| 4MXCD010AC6HCA | 3.5-5.0 | A | FCCV① | 23 x 19 | 30 x 24.5 x 21 | 95 | 7/8 | 3/8 |
| 4MXCB016AC6HCA② | 3.0-4.0 | A | FCCV① | 16 x 19 | 30 x 17.5 x 21 | 82 | 7/8 | 3/8 |
| 4MXCC017AC6HCA② | 3.0-4.0 | A | FCCV① | 19 1/2 x 19 | 30 x 21 x 21 | 88 | 7/8 | 3/8 |
| 4MXCD018AC6HCA② | 3.5-4.0 | A | FCCV① | 23 x 19 | 30 x 24.5 x 21 | 92 | 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.

**Table AMCOIL-1-B — Features**

| | 4MXC |
|---|---|
| • All aluminum coil | ✔ |
| • 100% foil lined insulation | ✔ |
| • Factory installed fixed orifice. Additional orifices supplied. | ✔ |
| • Optional accessory TXV Kit with mechanical fittings available for higher performance ratings ① | ✔ |
| • Easy case attachment to furnace | ✔ |
| • Upflow application | ✔ |
| • Downflow application | ✔ |
| • Horizontal Right application | ✔ |
| • Horizontal Left application | ✔ |
| • Single sloped non-corrosive drain pan | ✔ |
| • Unpainted galvanized steel cabinet | ✔ |
| • **10-year limited warranty on coil, & all other functional parts, with no registration required** | ✔ |
| • **Commercial Applications: Limited Warranty Coil and Parts 1 year** | ✔ |

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

# Split System – Cased Heat Pump and Cooling Coils



**Table AMCOIL-2-A — Refrigerant TXV Kits for 4MXC Coils**

| 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-2-B — Orifice kit table for 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.

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# A801X - Single Stage, ECM

**A801X Gas Furnace**

**Table AMFUR-1-A — A801X, Constant Torque ECM, 1 stage, 80% AFUE Gas Furnace**

| Model Number | CA Low NOx Model Number② | Input (BTUH) | AFUE | Flue Size (in.) | Ignition Device | Uncrated Dimensions (in.) H | W | D | Shipping Weight (lbs.) | Max. Fuse* | Filter Sizes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| A801X026AM2SAC | A801X026AM2TAC | 26,000 | 80.0 | 4 | ① | 34 | 14.5 | 28.75 | 102 | 15 | 14x25x1 |
| A801X040AM3SAC | A801X040AM3TAC | 40,000 | 80.0 | 4 | ① | 34 | 14.5 | 28.75 | 102 | 15 | 14x25x1 |
| A801X040BM2SAC | A801X040BM2TAC | 40,000 | 80.0 | 4 | ① | 34 | 17.5 | 28.75 | 128 | 15 | 16x25x1 |
| A801X060BM3SAC | A801X060BM3TAC | 60,000 | 80.0 | 4 | ① | 34 | 17.5 | 28.75 | 130 | 15 | 16x25x1 |
| A801X060BM4SAC | A801X060BM4TAC | 60,000 | 80.0 | 4 | ① | 34 | 17.5 | 28.75 | 132 | 15 | 16x25x1 |
| A801X080BM4SAC | A801X080BM4TAC | 80,000 | 80.0 | 4 | ① | 34 | 17.5 | 28.75 | 137 | 15 | 16x25x1 |
| A801X080CM5SAC | A801X080CM5TAC | 80,000 | 80.0 | 4 | ① | 34 | 21 | 28.75 | 142 | 15 | 20x25x1 |
| A801X100CM5SAC | A801X100CM5TAC | 100,000 | 80.0 | 4 | ① | 34 | 21 | 28.75 | 144 | 15 | 20x25x1 |
| A801X120DM5SAC | A801X120DM5TAC | 120,000 | 80.0 | 4 | ① | 34 | 24.5 | 28.75 | 160 | 15 | 24x25x1 |

① Silicon Nitride Igniter.
② These models comply with California 40 ng/J Low NOx regulations.
* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

# A801X High Altitude Kits

**Table AMFUR-1-B — High Altitude Pressure Switch A801X Furnaces**

| Model Number | Description | Used With | Shipping Weight |
|---|---|---|---|
| BAYSWT14AHALTB | 1 Switch | A801X080CM5SAC①, A801X100CM5SAC① | 2 |
| BAYSWT15AHALTA | 1 Switch | A801X060BM3SAC①, A801X060BM4SAC①, A801X080BM4SAC① | 2 |
| BAYSWT20AHALTA | 1 Switch | A801X026AM2SAC① | 2 |
| BAYSWT21AHALTA | 1 Switch | A801X040AM3SAC①, A801X040BM2SAC① | 2 |

Note: A801X120DM5 does not require a high altitude pressure switch kit.

① SAC and TAC or later

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# A801X - Single Stage, ECM

| Table AMFUR-2-A — Features | A801X |
|---|---|
| • AFUE | 80.00 |
| • 34" cabinet height | ✔ |
| • 4-Way Poise (Upflow, Downflow, Horzontal Left, Horizontal Right) | ✔ |
| • Tubular Aluminized Steel Heat Exchanger | ✔ |
| • FER compliant | ✔ |
| • Gas can enter either side of cabinet | ✔ |
| • Multiple furnace venting options in each poise | ✔ |
| • Integrated Furnace Control board with digital configuration, status, and fault codes | ✔ |
| • Alpha-numeric diagnostic codes | ✔ |
| • Adjustable blower off delay for heating and cooling | ✔ |
| • Meets requirements for 1.4% cabinet air leakage | ✔ |
| • 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 | ✔ |
| • Multiple venting options - Every model, every size will offer two venting options | ✔ |
| • Longer IFC wire harnesses allow door to be removed without disconnecting the harness | ✔ |
| • Alternate bottom/left/right return air (except downflow) | ✔ |
| • Bottom panel | ✔ |
| • Multi-port in shot burners | ✔ |
| • Silicon Nitride 120V hot surface igniter | ✔ |
| • Direct drive, 9 Speed Constant Torque ECM Blower Motor | ✔ |
| • Heavy gauge reinforced wrap-around steel cabinet | ✔ |
| • Service diagnostics with faults reported on IFC board | ✔ |
| • Manual reset flame roll out switches | ✔ |
| • Slide out blower assembly on full-length rails | ✔ |
| • Side return duct starter tabs | ✔ |
| • Multiple heating blower speeds | ✔ |
| • **5-year functional parts limited warranty/No Registration Required** | ✔ |
| • **10-year functional parts warranty with product registration** | ✔ |
| • **Commercial Applications: Limited Warranty Heat exchangers 20 years. All other functional parts 1 year** | ✔ |

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

| Model Number | Description | Shipping Weight | |
|---|---|---|---|
| BAYLPSS400B | LP Kit with Stainless Steel Burners | 3 | (except 026) |
| BAYLPSS410A | LP Kit with Stainless Steel Burners | 3 | A801X026 |
| BAYHANG | Horizontal hanging kit | 2 | ✔ |
| BAYSF1165A | 1" SlimFit Box with MERV 4 Filter (side return) | 5 | ✔ |
| BAYFLTR203 | Horizontal Filter Kit for B Cabinets | 5 | ✔ |
| BAYFLTR204 | Horizontal Filter Kit for C Cabinets | 5 | ✔ |
| BAYFLTR205 | Horizontal Filter Kit for D Cabinets | 5 | ✔ |
| BAYVENT600A① | Internal venting kit | 11 | ✔ |
| BAYVENT800B | Masonry Chimney Vent Kit | 11 | ✔ |
| PIP02095 | U fitting for gas piping | 1 | ✔ |
| BAYLIFTB | Dual return kit. B cabinet size extension | 8 | ✔ |
| BAYLIFTC | Dual return kit. C cabinet size extension | 9 | ✔ |
| BAYLIFTD | Dual return kit. D cabinet size extension | 9 | ✔ |
| BAYBASE205 | Downflow subbase | 8 | ✔ |
| BAYFLTR206 | Filter Access Door Kit (Downflow only) | 2 | ✔ |
| BAYSF1165 | 16x20 1" side return filter rack | | ✔ |
| BAYSF1255 | 16x25 1" side return filter rack (bottom return for 17.5" cabinets) | | ✔ |
| BAYBURNERSS | Stainless steel natural gas burner kit | | ✔ |

① Compatible with B, C, and D width cabinets.

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

Ameristar® Furnaces

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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# A951X - Single Stage, ECM

A951X
Gas Furnace

### Table AMFUR-3-A — A951X Constant Torque ECM, 1 Stage, 95-96% AFUE, Upflow Gas Furnace

| Model Number | Input (BTUH) | ICS AFUE② | Flue Size (in.) | Ignition Device | Uncrated Dimensions (in.) H | W | D | Shipping Weight (lbs.) | Max. Fuse* | Filter Sizes |
|---|---|---|---|---|---|---|---|---|---|---|
| A951X040BU3SAB | 40,000 | 96.0③ | 2, 3, 4 | ① | 34 | 17.5 | 28.75 | 122 | 15 | 16x25x1 |
| A951X060BU4SAB | 60,000 | 96.0③ | 2, 3, 4 | ① | 34 | 17.5 | 28.75 | 130 | 15 | 16x25x1 |
| A951X080BU4SAB | 80,000 | 96.0③ | 2, 3, 4 | ① | 34 | 17.5 | 28.75 | 135 | 15 | 16x25x1 |
| A951X080CU5SAB | 80,000 | 96.0③ | 2, 3, 4 | ① | 34 | 21 | 28.75 | 149 | 15 | 20x25x1 |
| A951X100CU5SAB | 100,000 | 95.0③ | 2, 3, 4 | ① | 34 | 21 | 28.75 | 155 | 15 | 20x25x1 |
| A951X120DU5SAB | 120,000 | 95.0③ | 3, 4 | ① | 34 | 24.5 | 28.75 | 167 | 15 | 24x25x1 |

### Table AMFUR-3-B — A951X Constant Torque ECM, 1 Stage, 95-96% AFUE, Downflow Gas Furnace

| Model Number | Input (BTUH) | ICS AFUE② | Flue Size (in.) | Ignition Device | Uncrated Dimensions (in.) H | W | D | Shipping Weight (lbs.) | Max. Fuse* | Filter Sizes |
|---|---|---|---|---|---|---|---|---|---|---|
| A951X040BD3SAB | 40,000 | 96.0③ | 2, 3, 4 | ① | 34 | 17.5 | 28.75 | 122 | 15 | (2) 14x20x1 |
| A951X060BD3SAB | 60,000 | 96.0③ | 2, 3, 4 | ① | 34 | 17.5 | 28.75 | 127 | 15 | (2) 14x20x1 |
| A951X080BD4SAB | 80,000 | 95.0③ | 2, 3, 4 | ① | 34 | 17.5 | 28.75 | 135 | 15 | (2) 14x20x1 |
| A951X100CD5SAB | 100,000 | 96.0③ | 2, 3, 4 | ① | 34 | 21 | 28.75 | 155 | 15 | (2) 16x20x1 |
| A951X120DD5SAB | 120,000 | 95.0③ | 3, 4 | ① | 34 | 24.5 | 28.75 | 167 | 15 | (2) 16x20x1 |

① Silicon Nitride Igniter.
② Isolated Combustion System. AFUE may vary based on poise.
③ ENERGY STAR®

# A952V - Two Stage, Variable Speed ECM

A952V
Gas Furnace

### Table AMFUR-3-C — A952V Variable Speed, 2 Stage, 96% AFUE, Upflow Gas Furnace

| Model Number | Input (BTUH) 1st Stage | 2nd Stage | ICS AFUE② | Flue Size (in.) | Ignition Device | Uncrated Dimensions (in.) H | W | D | Shipping Weight (lbs.) | Max. Fuse* | Filter Sizes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| A952V040BU3SAB | 26,000 | 40,000 | 96.0③ | 2, 3, 4 | ① | 34 | 17.5 | 28.75 | 122 | 15 | 16x25x1 |
| A952V060BU3SAB | 39,000 | 60,000 | 96.0③ | 2, 3, 4 | ① | 34 | 17.5 | 28.75 | 127 | 15 | 16x25x1 |
| A952V060BU4SAB | 39,000 | 60,000 | 96.0③ | 2, 3, 4 | ① | 34 | 17.5 | 28.75 | 130 | 15 | 16x25x1 |
| A952V080BU4SAB | 52,000 | 80,000 | 96.0③ | 2, 3, 4 | ① | 34 | 17.5 | 28.75 | 135 | 15 | 16x25x1 |
| A952V080CU5SAB | 52,000 | 80,000 | 96.0③ | 2, 3, 4 | ① | 34 | 21 | 28.75 | 149 | 15 | 20x25x1 |
| A952V100CU4SAB | 65,000 | 100,000 | 96.0③ | 2, 3, 4 | ① | 34 | 21 | 28.75 | 154 | 15 | 20x25x1 |
| A952V100CU5SAB | 65,000 | 100,000 | 96.0③ | 2, 3, 4 | ① | 34 | 21 | 28.75 | 155 | 15 | 20x25x1 |
| A952V120DU5SAB | 78,000 | 120,000 | 96.0③ | 3, 4 | ① | 34 | 24.5 | 28.75 | 167 | 15 | 24x25x1 |

### Table AMFUR-3-D — A952V Variable Speed, 2 Stage, 96% AFUE, Downflow Gas Furnace

| Model Number | Input (BTUH) 1st Stage | 2nd Stage | ICS AFUE② | Flue Size (in.) | Ignition Device | Uncrated Dimensions (in.) H | W | D | Shipping Weight (lbs.) | Max. Fuse* | Filter Sizes |
|---|---|---|---|---|---|---|---|---|---|---|---|
| A952V040BD3SAB | 26,000 | 40,000 | 96.0③ | 2, 3, 4 | ① | 34 | 17.5 | 28.75 | 122 | 15 | 14x20x1 |
| A952V060BD3SAB | 39,000 | 60,000 | 96.0③ | 2, 3, 4 | ① | 34 | 17.5 | 28.75 | 127 | 15 | 14x20x1 |
| A952V080BD4SAB | 52,000 | 80,000 | 96.0③ | 2, 3, 4 | ① | 34 | 17.5 | 28.75 | 135 | 15 | 14x20x1 |
| A952V100CD4SAB | 65,000 | 100,000 | 96.0③ | 2, 3, 4 | ① | 34 | 21 | 28.75 | 154 | 15 | 16x20x1 |
| A952V100CD5SAB | 65,000 | 100,000 | 96.0③ | 2, 3, 4 | ① | 34 | 21 | 28.75 | 155 | 15 | 16x20x1 |
| A952V120DD5SAB | 78,000 | 120,000 | 96.0③ | 3, 4 | ① | 34 | 24.5 | 28.75 | 167 | 15 | 16x20x1 |

① Silicon Nitride Igniter.
② Isolated Combustion System. AFUE may vary based on poise.
③ ENERGY STAR®
* 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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# 95+% AFUE Furnaces

| Table AMFUR-4-A — Features | A951X Constant Torque | A952V Variable Speed |
|---|---|---|
| • AFUE | Up to 96% | 96% |
| • Direct drive, variable speed ECM blower motor - Constant airflow ECM (electronically commutated motor) | — | ✔ |
| • Two stage combination gas valve and regulator | — | ✔ |
| • Constant Torque Electronically Commutated Motor (ECM) | ✔ | — |
| • Single-stage combination gas valve and regulator | ✔ | — |
| • 34” cabinet height | ✔ | ✔ |
| • 3 Way poise Upflow furnace model (Upflow, Horzontal Left, Horizontal Right) | ✔ | ✔ |
| • 29–4C Stainless Steel Secondary Heat Exchanger | ✔ | ✔ |
| • Adjustable blower off delay for heating and cooling | ✔ | ✔ |
| • Alternate bottom/left/right return air (upflow models only) | ✔ | ✔ |
| • Bottom panel | ✔ | ✔ |
| • Cabinet has no knockouts - Rubber and plastic plugs come installed from factory | ✔ | ✔ |
| • Condensate can exit either side of cabinet in Upflow orientation | ✔ | ✔ |
| • Dedicated Downflow furnace model | ✔ | ✔ |
| • FER compliant | ✔ | ✔ |
| • Front service access with easily accessible burners, sensors, orifices, switches, and other components | ✔ | ✔ |
| • Gas can enter either side of cabinet | ✔ | ✔ |
| • Gasketed inner and outer door | ✔ | ✔ |
| • Heavy gauge reinforced wrap-around steel cabinet | ✔ | ✔ |
| • Alpha-numeric diagnostic codes | ✔ | ✔ |
| • Last six fault codes are stored (even with power loss) | ✔ | ✔ |
| • Left/right condensate drain capability in vertical application | ✔ | ✔ |
| • Longer IFC wire harnesses allow door to be removed without disconnecting the harness | ✔ | ✔ |
| • Manual reset flame roll out switches | ✔ | ✔ |
| • Meets requirements for 1.4% cabinet air leakage | ✔ | ✔ |
| • Mobile home approved with mobile home kit | ✔ | ✔ |
| • Multiple heating blower speeds | ✔ | ✔ |
| • Multiple venting options - Every model, every size will offer two venting options | ✔ | ✔ |
| • Multi-port in shot burners | ✔ | ✔ |
| • Integrated Furnace Control board with digital configuration, status, and fault codes | ✔ | ✔ |
| • Service diagnostic capabilities | ✔ | ✔ |
| • Service diagnostics with faults reported on IFC board | ✔ | ✔ |
| • Side return duct starter tabs (upflow models only) | ✔ | ✔ |
| • Silicon Nitride 120V hot surface igniter | ✔ | ✔ |
| • Slide out blower assembly on full-length rails | ✔ | ✔ |
| • Tubular Stainless Steel Primary Heat Exchanger | ✔ | ✔ |
| • **5-year functional parts limited warranty/Production Registration Not Required** | ✔ | ✔ |
| • **10-year functional parts warranty/product registration required** | ✔ | ✔ |
| • **Commercial Applications: Limited Warranty Heat exchangers 20 years. All other functional parts 1 year** | ✔ | ✔ |



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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# 95+% AFUE Furnaces

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

| Model Number | Description | Shipping Weight | A951X Constant Torque | A952V Variable Speed |
|---|---|---|---|---|
| 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 | ✔ | ✔ |
| MAYBFERCOLKITA① | Heat Shield, B size cabinet | 3 | ✔ | ✔ |
| MAYCFERCOLKITA① | Heat Shield, C size cabinet | 3 | ✔ | ✔ |
| MAYDFERCOLKITA① | Heat Shield, D size cabinet | 3 | ✔ | ✔ |
| BAYSF1165 | 16x20 1" side return filter rack | | ✔ | ✔ |
| BAYSF1255 | 16x25 1" side return filter rack (bottom return for 17.5" cabinets) | | ✔ | ✔ |
| BAYBURNERSS | Stainless steel natural gas burner kit | | ✔ | ✔ |

① Required on furnaces manufactured on or after 7/3/19 (with date code 19273 or after) when installed with a 4MXC or 4GXC coils in upflow or horizontal position. Not required in Downflow orientation.

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# Packaged Cooling Convertible 2-5 Tons

4TCA4

**Table AMPK-1-A — 14 SEER - 4TCA4 Convertible Packaged Cooling - R-410A**

| Model Number | Cooling Capacity (BTUH) ① | SEER/EER | Shipping Weight (lbs.) | MCA ② | Max. Fuse | Sound Rating | Uncrated Dimensions (in.) H | W | D |
|---|---|---|---|---|---|---|---|---|---|
| 4TCA4024A1000A | 23,000 | 14.0/11.5 | 364 | 17 | 25 | 77 | 36.15 | 60.81 | 34.90 |
| 4TCA4030A1000A | 29,000 | 14.0/11.5 | 364 | 20 | 30 | 77 | 36.15 | 60.81 | 34.90 |
| 4TCA4036A1000A | 35,000 | 14.0/11.5 | 380 | 24 | 35 | 79 | 36.15 | 60.81 | 34.90 |
| 4TCA4042A1000A | 41,000 | 14.0/11.5 | 430 | 31 | 50 | 79 | 36.15 | 60.81 | 34.90 |
| 4TCA4048A1000A | 47,000 | 14.0/11.5 | 530 | 32 | 50 | 79 | 41.15 | 60.81 | 34.90 |
| 4TCA4060A1000A | 57,000 | 14.0/11.5 | 551 | 40 | 60 | 78 | 41.15 | 60.81 | 34.90 |

① Rated in accordance with AHRI Standard 210/240.
② Calculated in accordance with currently prevailing Nat'l Electrical Code.

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# Packaged Cooling Convertible 2-5 Tons

**Table AMPK-2-A — Features**

| | 4TCA4 |
|---|---|
| • SEER up to | 14.00 |
| • All-aluminum coil | 2-4 |
| • Copper Tube/Aluminum Fin outdoor coil (5-Ton only) | 5 |
| • Ease of installation with small footprint | ✔ |
| • Designed to accommodate manufactured homes | ✔ |
| • Fits low lot lines | ✔ |
| • **10-year compressor & coil, 5-year all other functional parts limited warranty (Residential Use)** | ✔ |
| • **Extended warranties available** | ✔ |

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

| Model Number | Description | Used with Accessory | |
|---|---|---|---|
| BAYUTIL103A | Through the Base Utilities Curb Extension | | 2-5 |
| BAYCCHT102A | Crankcase Heater | | 3.5-5 |
| BAYCCHT103A | Crankcase Heater | | 3 |
| BAYLOAM105A | Low Ambient Cooling Control Kit | | 2-5 |
| BAYQSTK301AB | Quick Start Kit | | 3-5 |
| BAYSQRD001A | Square to Round Adaptor Kit | | 2-3 |
| BAYSQRD002A | Square to Round Adaptor Kit | | 3.5-5 |
| BAYEXMK001A | Extreme Condition Mounting Kit | BAYCURB | 2-5 |
| BAYEXMK002B | Extreme Condition Mounting Kit | BAYUTIL | 2-5 |
| BAYEXMK003A | Extreme Condition Mounting Kit | Used on slab mounts | 2-5 |
| BAYSPEK071 | Single Power Entry Kit | BAYHTR1V15, BAYHTR1V20 | 2.5-5 |
| BAYSPEK072 | Single Power Entry Kit | BAYHTR1V05, BAYHTR1V08, BAYHTR1V10 | 2-5 |

| Model Number | Description | Matched with Accessory Heater | 4TCA4 |
|---|---|---|---|
| BAYSPEK071 | Single Power Entry Kit | BAYHTR1V15 | 2.5-5 |
| | | BAYHTR1V20 | 4-5 |
| BAYSPEK072 | Single Power Entry Kit | BAYHTR1V05 | 2-5 |
| | | BAYHTR1V08 | 2-5 |
| | | BAYHTR1V10 | 2-5 |

**Electric Heaters**

| Model Number | Description | 4TCA4 |
|---|---|---|
| BAYHTR1V05LUGAA | 5 KW Heater | 2-5 |
| BAYHTR1V08LUGAA | 8 KW Heater | 2-5 |
| BAYHTR1V10LUGAA | 10 KW Heater | 2-5 |
| BAYHTR1V15BRKAA | 15 KW Heater | 2.5-5 |
| BAYHTR1V20BRKAA | 20 KW Heater | 4-5 |

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

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# Packaged Heat Pump Convertible 2-5 Tons

4WCA4

**Table AMPK-3-A — 14 SEER - 4WCA4 Convertible Packaged Heat Pump - R-410A**

| Model Number | Capacity (tons) | SEER | Cooling / Heating Capacity | HSPF | Shipping Weight (lbs.) | MCA ② | Max. Fuse | Sound Rating | Uncrated Dimensions (in.) H | W | D |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4WCA4024A1000A | 2 | 14.0 | 23600 / 22000 | 8.0 | 390 | 22 | 35 | 76 | 36.15 | 60.81 | 34.90 |
| 4WCA4030A1000A | 2.5 | 14.0 | 29000 / 27200 | 8.0 | 400 | 25 | 35 | 79 | 36.15 | 60.81 | 34.90 |
| 4WCA4036A1000A | 3 | 14.0 | 35000 / 32600 | 8.0 | 405 | 30 | 45 | 79 | 36.15 | 60.81 | 34.90 |
| 4WCA4042A1000A | 3.5 | 14.0 | 41000 / 37200 | 8.0 | 472 | 33 | 50 | 79 | 36.15 | 60.81 | 34.90 |
| 4WCA4048A1000A | 4 | 14.0 | 47000 / 43500 | 8.0 | 517 | 35 | 50 | 79 | 41.15 | 60.81 | 34.90 |
| 4WCA4060A1000A | 5 | 14.0 | 56500 / 53500 | 8.0 | 518 | 42 | 60 | 79 | 41.15 | 60.81 | 34.90 |



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 2-5 Tons

**Table AMPK-4-A — Features**

| | 4WCA4 |
|---|---|
| • SEER up to | 14.00 |
| • Copper Tube/Aluminum Fin outdoor coil | 2-5 |
| • Ease of installation with small footprint | ✔ |
| • Designed to accommodate manufactured homes | ✔ |
| • Fits low lot lines | ✔ |
| • **10-year compressor & coil, 5-year all other functional parts limited warranty (Residential Use)** | ✔ |
| • **Extended warranties available** | ✔ |

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

| Model Number | Description | Used with Accessory | |
|---|---|---|---|
| BAYCURB060A | Flat Roof Full Perimeter Curb | | 2-5 |
| BAYUTIL103A | Roof Curb Utility Extension Kit | | 2-5 |
| BAYCCHT102A | Crankcase Heater | | 3.5-5 |
| BAYCCHT103A | Crankcase Heater | | 2-3 |
| BAYLOAM105A | Low Ambient Control Kit | | 2-5 |
| TAYSTAT250C | Outdoor Thermostat Kit | | 2-5 |
| BAYQSTK301A | Start Kit (Scroll) | | 2-5 |
| BAYSQRD001B | 16" Round Duct Adapter | | 2-3 |
| BBAYSQRD002B | 18" Round Duct Adapter | | 3.5-5 |
| BAYEXMK001A | Extreme Condition Mounting Kit | BAYCURB | 2-5 |
| BAYEXMK002B | Extreme Condition Mounting Kit | BAYUTIL | 2-5 |
| BAYEXMK003A | Extreme Condition Mounting Kit | Slab mounting | 2-5 |

| Model Number | Description | Matched with Accessory Heater | 4WCA4 |
|---|---|---|---|
| BAYSPEK070A | Single Power Entry Kit | BAYHTR1V05 | 3.5-5 |
| | | BAYHTR1H08 | 2-5 |
| | | BAYHTR1H10 | 2-5 |
| BAYSPEK071A | Single Power Entry Kit | BAYHTR1H15 | 3-5 |
| | | BAYHTR1H20 | 5 |
| BAYSPEK072A | Single Power Entry Kit | BAYHTR1V05 | 2-3 |

**Electric Heaters**

| Model Number | Description | 4WCA4 |
|---|---|---|
| BAYHTR1V05LUGAA | Electric heater 5 KW | 2-5 |
| BAYHTR1H08LUGAA | Electric heater 7.5 KW | 2-5 |
| BAYHTR1H10LUGAA | Electric heater 10 KW | 2-5 |
| BAYHTR1H15BRKAA | Electric heater 15 KW | 2.5-5 |
| BAYHTR1H20BRKAA | Electric heater 20 KW | 4-5 |

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



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 Gas/Electric Convertible 2-5 Tons

4YCA4

**Table AMPK-5-A — 14 SEER - 4YCA4 Convertible Packaged Gas/Electric - R-410A**

| Model Number | Cooling Capacity (BTUH) ① | Heating Capacity Input/Output | SEER/EER | AFUE (%) | Shipping Weight (lbs.) | MCA ② | Max. Fuse | Sound Rating | Uncrated Dimensions (in.) H | W | D |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 4YCA4024A1000A | | | | | | | | | 36.15 | 60.81 | 34.90 |
| 4YCA4030A1000A | | | | | | | | | 36.15 | 60.81 | 34.90 |
| 4YCA4036A1000A | | | | | | | | | 36.15 | 60.81 | 34.90 |
| 4YCA4042A1000A | | | | | | | | | 36.15 | 60.81 | 34.90 |
| 4YCA4048A1000A | | | | | | | | | 41.15 | 60.81 | 34.90 |
| 4YCA4060A1000A | | | | | | | | | 41.15 | 60.81 | 34.90 |

COMING SOON

① Rated in accordance with AHRI Standard 210/240.
② Calculated in accordance with currently prevailing Nat'l Electrical Code.



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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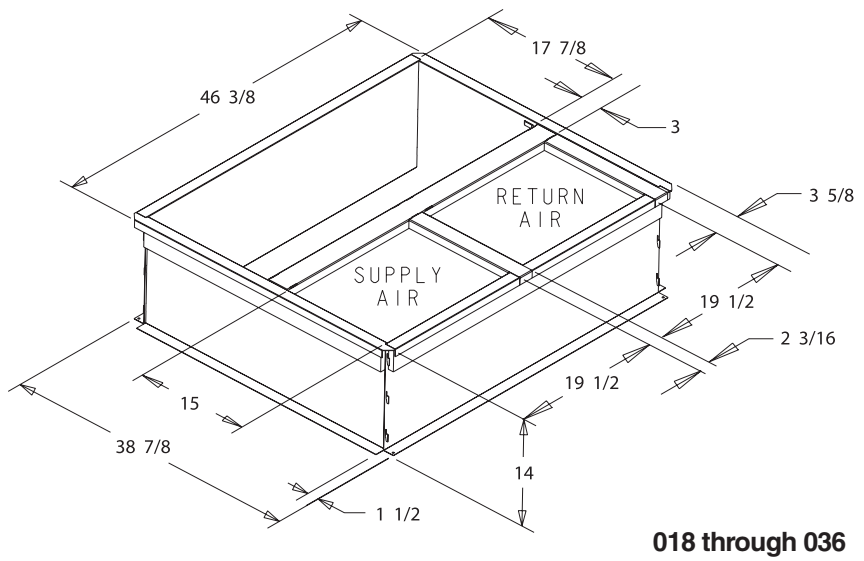
14-1011-38

# Roof Curbs

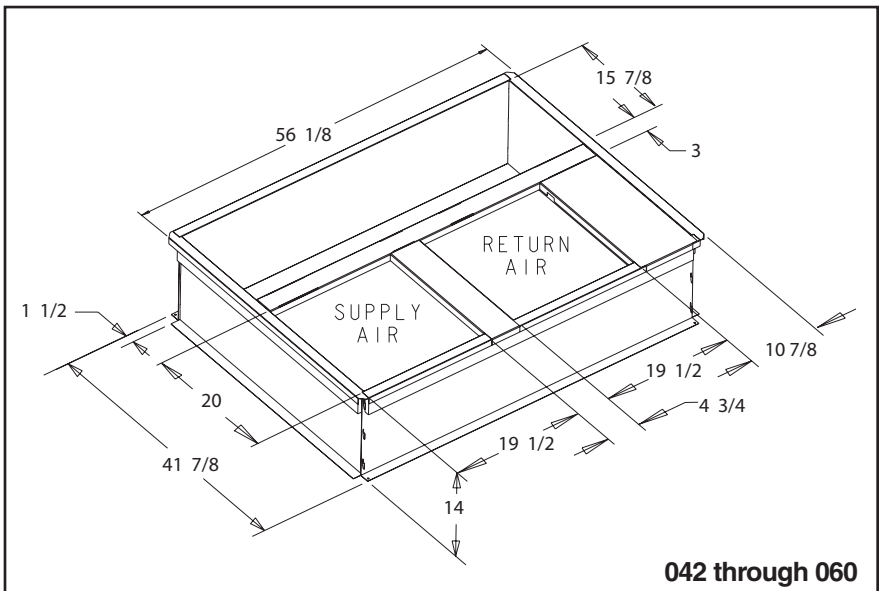
## BAYCURB050A FULL PERIMETER ROOF MOUNTING CURB OUTLINE




018 through 036

| 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




042 through 060

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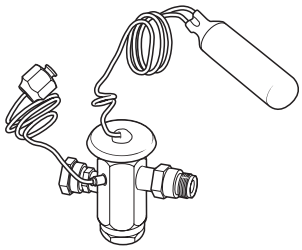
# Thermal Expansion Valves



## 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 |

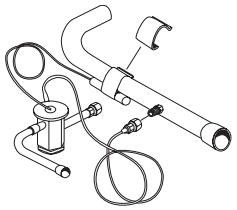


For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.



Effective 1/1/21
14-1011-38

# Thermal Expansion Valves



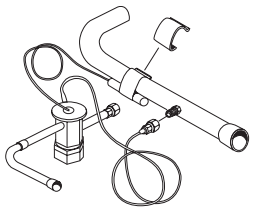
**Expansion Valve TXV Cooling Kit**

### 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 | 1/4 | 5/8 | 2 | R-22 |
| TAYTXVA0C5C | 2-2½ Ton | 5/16 | 3/4 | 2 | R-22 |
| TAYTXVA0E5C | 3-3½ Ton | 3/8 | 7/8 | 2 | R-22 |
| TAYTXVA0G5C | 4 Ton | 3/8 | 1 1/8 | 2 | R-22 |
| TAYTXVA0H5C | 5-6 Ton | 3/8 | 1 1/8 | 2 | R-22 |

### Table AC/IN-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 | 1/4 | 5/8 | 2 | R-22 |
| TAYTXVA0C3C | 2-2½ Ton | 5/16 | 3/4 | 2 | R-22 |
| TAYTXVA0E3C | 3-3½ Ton | 3/8 | 7/8 | 2 | R-22 |
| TAYTXVA0G3C | 4 Ton | 3/8 | 1 1/8 | 2 | R-22 |
| TAYTXVA0H3C | 5-6 Ton | 3/8 | 1 1/8 | 2 | R-22 |



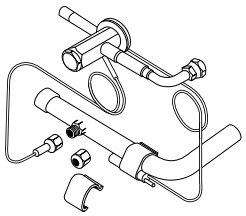
**Expansion Valve TXV Heat Pump Kit***

### 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 | 1/4 | 5/8 | 3 | R-22 |
| TAYTXVH0C3C | 2-2½ Ton | 5/16 | 3/4 | 3 | R-22 |
| TAYTXVH0E3C | 3-3½ Ton | 3/8 | 7/8 | 3 | R-22 |
| TAYTXVH0G3C | 4 Ton | 3/8 | 1 1/8 | 3 | R-22 |
| TAYTXVH0H3C | 5-6 Ton | 3/8 | 1 1/8 | 3 | R-22 |

### Table AC/IN-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 | 3/8 | 1 1/8 | 2 | R-22 |
| TAYTXVH0G3C | 4-5 Ton | 3/8 | 1 1/8 | 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 | 5/16① | 3/4② | 2 | R-410A |
| 4AYTXVH3A3654A | 3-4 Ton | 3/8 | 7/8③ | 2 | R-410A |
| 4AYTXVH3A6060A | 5 Ton | 3/8 | 7/8 | 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

BUILT TO A HIGHER STANDARD®

American Standard®

HEATING & AIR CONDITIONING

# 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 ..... **M**124X04CF
Fiscal week of manufacture ..... Second and third digit ..... M**12**4X04CF
Day of week of manufacture ..... Fourth digit ..... M12**4**X04CF
Consecutive order of production ..... Last Five digits ..... M124**X04CF**

**Exception** – Accessories are an exception to the nine digit serial number assignment and may have only three digits to indicate date code. Coils which have only three digits to indicate date code are an exception to the nine digit serial number assignment.

| Year | Residential, ID & OD① Light Commercial Products & Compressors | Ducane Oil① Horizontal Gas Furnaces② | Year | Residential, ID & OD① Light Commercial Products & Compressors | Ducane Oil① Horizontal Gas Furnaces② | Year | Residential, ID & OD① Light Commercial Products & Compressors | Ducane Oil① Horizontal Gas Furnaces② |
|---|---|---|---|---|---|---|---|---|
| 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 |
|---|---|---|
| 1ST | Second to Last integer of the current calendar year | 1 through 9 and blank space, Blank Space used when 0 (zero) |
| 2ND | Last integer of the current calendar year | 0 through 9 |
| 3RD | Fiscal Week (Tens numeral) | 0 through 5 |
| 4TH | Fiscal Week (Units numeral) | 0 through 9 |
| 5TH | Day of the Week | 1 through 7 |
| 6TH | Time Stamp | A through Z and 0 through 9, excluding I, O, Q, V, Y, and Z |
| 7TH | Time Stamp | A through Z and 0 through 9, excluding I, O, Q, V, Y, and Z |
| 8TH | Time Stamp | A through Z and 0 through 9, excluding I, O, Q, V, Y, and Z |
| 9TH | Assembly Line Designator | A through Z and 0 through 9, excluding I, O, Q, V, Y, and Z |
| 10TH | 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 |

Accessories/Information

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



Effective 1/1/21
14-1011-38

# Refrigerant Line Sets

### Table AC/IN-5-A — Refrigerant Line Sets

| Model Number | Gas Line①② 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 |

PHASING OUT

① Gas line 90° bend one end.
② Gas line insulation ¾" thickness.
**Note:** Contains a holding charge of Nitrogen.

### Table AC/IN-5-B — Refrigerant Line Sets

| Model Number | Res Old Accs Part Number | Gas Line Dia. O.D. | Liquid Line Dia.O.D. | Length | Insulation | Insulation Type | Bend | Plain Ends | Flare Fittings | Shipping Weight (per carton) |
|---|---|---|---|---|---|---|---|---|---|---|
| KIT17586 | | 3/4" | 3/8" | 50 | 1/2" | Ez Pull | No | Yes | No | 25 |
| KIT16990 | TAYREFLN750 | 3/4" | 3/8" | 50 | 1/2" | Standard | No | Yes | No | 25 |
| KIT17583 | | 3/4" | 3/8" | 35 | 1/2" | Ez Pull | No | Yes | No | 19 |
| KIT17000 | TAYREFLN730 | 3/4" | 3/8" | 30 | 1/2" | Standard | No | Yes | No | 16 |
| KIT16980 | | 3/4" | 3/8" | 50 | 3/8" | Standard | No | Yes | No | 24 |
| KIT17001 | | 3/4" | 3/8" | 35 | 3/8" | Standard | No | Yes | No | 17 |
| KIT17596 | | 7/8" | 3/8" | 50 | 1/2" | Ez Pull | No | Yes | No | 32 |
| KIT16992 | TAYREFLN350 | 7/8" | 3/8" | 50 | 1/2" | Standard | No | Yes | No | 32 |
| KIT17593 | | 7/8" | 3/8" | 35 | 1/2" | Ez Pull | No | Yes | No | 23 |
| KIT17006 | TAYREFLN330 | 7/8" | 3/8" | 30 | 1/2" | Standard | No | Yes | No | 20 |
| KIT16978 | | 7/8" | 3/8" | 50 | 3/8" | Standard | No | Yes | No | 31 |
| KIT17002 | | 7/8" | 3/8" | 35 | 3/8" | Standard | No | Yes | No | 22 |
| KIT17656 | TAYREFLN965 | 5/8" | 3/8" | 50 | 1/2" | Mini Split Ez Pull | No | No | Yes | 24 |
| KIT17655 | TAYREFLN960 | 5/8 | 3/8" | 25 | 1/2" | Mini Split Ez Pull | No | No | Yes | 13 |
| KIT17650 | TAYREFLN060 | 3/8" | 1/4" | 50 | 1/2" | Mini Split Ez Pull | No | No | Yes | 15 |
| KIT17649 | TAYREFLN050 | 3/8" | 1/4" | 25 | 1/2" | Mini Split Ez Pull | No | No | Yes | 9 |
| KIT17652 | TAYREFLN570 | 1/2" | 1/4" | 50 | 1/2" | Mini Split Ez Pull | No | No | Yes | 18 |
| KIT17651 | TAYREFLN560 | 1/2" | 1/4" | 25 | 1/2" | Mini Split Ez Pull | No | No | Yes | 10 |
| KIT17806 | TAYREFLN165 | 5/8" | 1/4" | 50 | 1/2" | Mini Split Ez Pull | No | No | Yes | 22 |
| KIT17805 | TAYREFLN155 | 5/8" | 1/4" | 25 | 1/2" | Mini Split Ez Pull | No | No | Yes | 12 |
| KIT17715 | | 3/8" | NO | 164 | 1/2" | Ez Pull | No | Yes | No | 25 |
| KIT17906 | | 1/4" | NO | 164 | 1/2" | Ez Pull | No | Yes | No | 19 |
| KIT17907 | | 1/2" | NO | 164 | 1/2" | Ez Pull | No | Yes | No | 35 |
| KIT17723 | | 5/8" | NO | 164 | 1/2" | Ez Pull | No | Yes | No | 46 |

Phased Out

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# 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 ..... = 50 PSI

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 | — | — | — | — |
| | 42000 | 7.7 | 15.4 | 23.0 | 30.7 | 38.4 | 46.1 | — | — | — | — | — | — |
| 3/8" | 24000 | 1.0 | 1.9 | 2.9 | 3.8 | 4.8 | 5.8 | 6.7 | 7.7 | 8.6 | 9.6 | 10.6 | 11.5 |
| | 30000 | 1.4 | 2.9 | 4.3 | 5.8 | 7.2 | 8.6 | 10.1 | 11.5 | 13.0 | 14.4 | 15.8 | 17.3 |
| | 36000 | 2.0 | 4.0 | 6.1 | 8.1 | 10.1 | 12.1 | 14.1 | 16.2 | 18.2 | 20.2 | 22.2 | 24.2 |
| | 42000 | 2.7 | 5.3 | 8.0 | 10.6 | 13.3 | 16.0 | 18.6 | 21.3 | 23.9 | 26.6 | 29.3 | 31.9 |
| | 48000 | 3.4 | 6.8 | 10.2 | 13.6 | 17.0 | 20.4 | 23.8 | 27.2 | 30.6 | 34.0 | 37.4 | 40.8 |
| | 60000 | 5.1 | 10.3 | 15.4 | 20.6 | 25.7 | 30.8 | 36.0 | 41.1 | 46.3 | — | — | — |
| 1/2" | 42000 | .5 | 1.1 | 1.6 | 2.2 | 2.7 | 3.2 | 3.8 | 4.3 | 4.9 | 5.4 | 5.9 | 6.5 |
| | 48000 | .7 | 1.4 | 2.0 | 2.7 | 3.4 | 4.1 | 4.8 | 5.4 | 6.1 | 6.8 | 7.5 | 8.2 |
| | 60000 | 1.0 | 2.1 | 3.1 | 4.2 | 5.2 | 6.2 | 7.3 | 8.3 | 9.4 | 10.4 | 11.4 | 12.5 |

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 |
| | 1-1/8③ | .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.



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# 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

| | Line Sizes | | Service Valve Connection Size | | Max Line & Lift Lengths | |
|---|---|---|---|---|---|---|
| Rated Line Sizes | 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 |

| | Line Sizes | | Service Valve Connection Size | | Max Line & Lift Lengths | |
|---|---|---|---|---|---|---|
| Alternate Line Sizes | 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' |

| | Line Sizes | | Service Valve Connection Size | | Max Line & Lift Lengths | |
|---|---|---|---|---|---|---|
| Rated Line Sizes | 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.



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# Split Systems with Variable Speed Compressor

**Table AC/IN-8-A — Charge Chart VSPD Side Discharge**

| 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-8-B — Line Sizes VSPD Side Discharge Rated Line Sizes**

| MODEL | RATED LINE SIZE | | SERVICE VALVE CON-NECTION SIZE | |
|---|---|---|---|---|
| HP 4A6L9 | Vapor Line | Liquid Line | Vapor Line | Liquid Line |
| HP 024 | 5/8" (a) | 3/8" | 5/8" | 3/8" |
| HP 036 | 3/4" (a) | 3/8" | 3/4" | 3/8" |
| HP 049 | 7/8" (a) | 3/8" | 7/8" | 3/8" |
| HP 060 | 7/8"(a)(b) | 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) Refer to Subcool Charts for length and lift ability.

**Table AC/IN-8-C — Alternate Line Sizes VSPD Side Discharge**

| MODEL | LINE SIZE | | SERVICE VALVE SIZE | |
|---|---|---|---|---|
| HP 4A6L9 | Vapor Line | Liquid Line | Vapor Line | Liquid Line |
| HP 024 | 5/8" | 3/8" | 5/8" | 3/8" |
| HP 036 | 5/8", 3/4" (a) | 3/8" | 3/4" | 3/8" |
| HP 048 | 3/4", 7/8" (a) | 3/8" | 7/8" | 3/8" |
| HP 060 | 3/4", 7/8" (a)(b) | 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) Refer to Subcool Charts for length and lift abillity.

**Notes:**

The weigh in method provides an approximation of refrigerant charge; proper charge will vary with indoor coil selections.

In ambient conditions below 55°F, reference the heating refrigerant pressure curves for typical performance.

Return in the cooling season when the ambient temperature is above 55°F to balance the refrigerant charge by subcooling.

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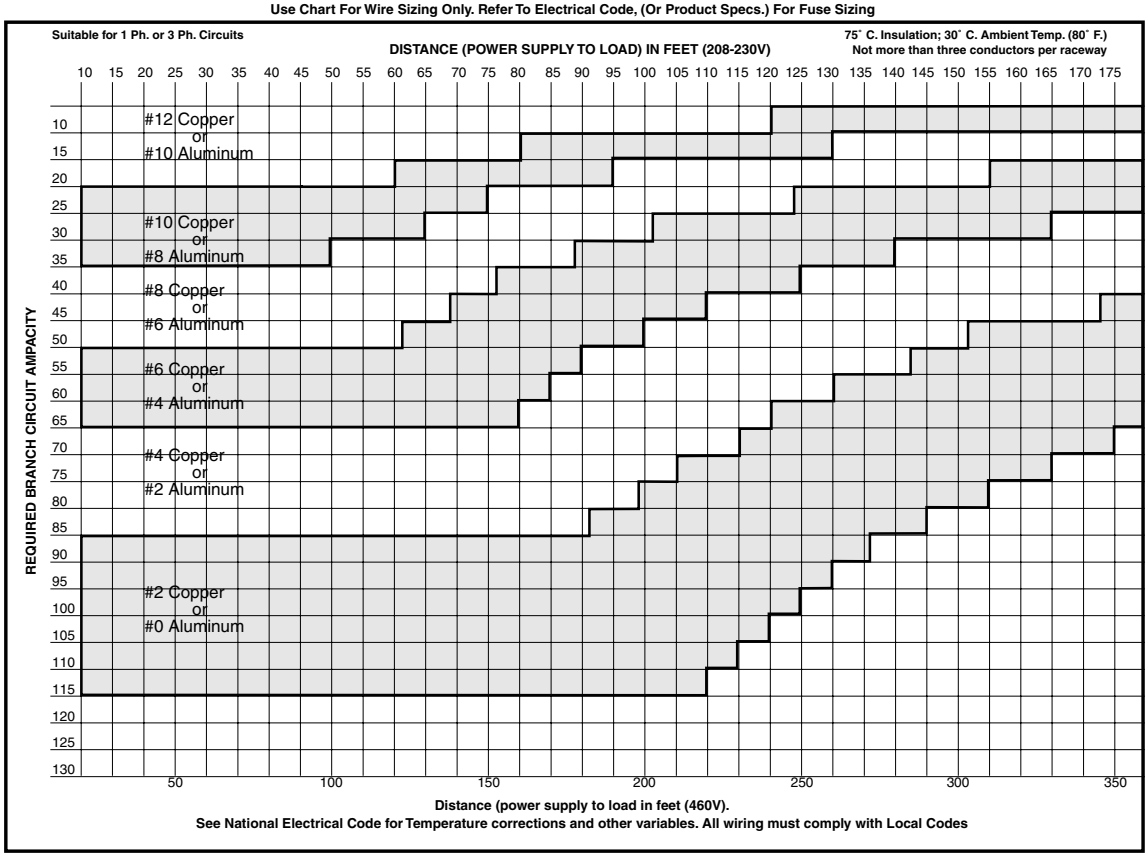
# Branch Circuit Wire Sizing Table/ Heater De-Rating Chart

**BRANCH CIRCUIT WIRE SIZING TABLE**

**(Based on 2% Voltage Drop)**

**Chart is based on 75˚ C. wire. (Types FEPW, RH, RHW, THHW, THW, THWN, XHHW, USE, AND ZW.)**

**Use Chart For Wire Sizing Only. Refer To Electrical Code, (Or Product Specs.) For Fuse Sizing**



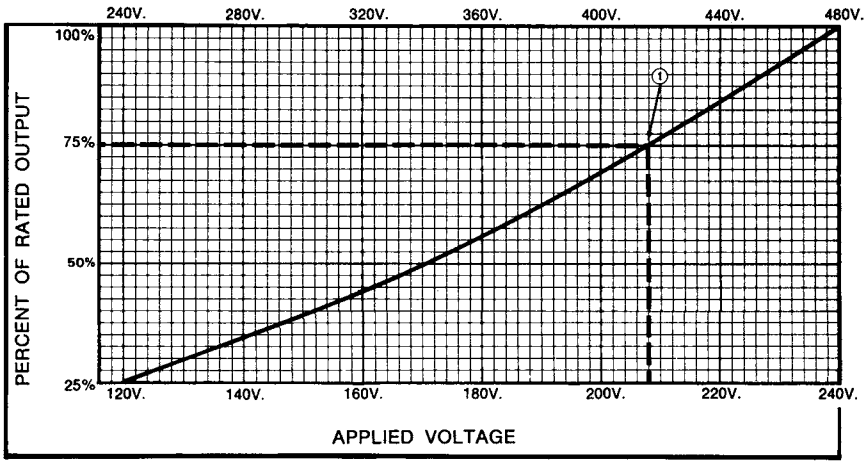

**See National Electrical Code for Temperature corrections and other variables. All wiring must comply with Local Codes**

## 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.

$$\frac{29{,}200 \text{ BTUH}}{.75} = 39{,}000 \text{ BTUH}$$ Select a heater having AT LEAST 39,000 BTUH capacity at 240V.

Accessories/Information

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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# Basic Air Conditioning Formulas

## Basic Air Conditioning Formulas

| TO DETERMINE | EXPRESSED AS | COOLING | HEATING and/or HUMIDIFYING |
|---|---|---|---|
| Total Airflow | $CFM_T$ | 1. $CFM_T = \frac{N_T\ V}{60\ min./hr.}$ | 1. $CFM_T = \frac{N_T\ V}{60\ min./hr.}$ |
| Infiltration or Ventilation | $CFM_o$ | 2. $CFM_o = \frac{N_O\ V}{60\ min./hr.}$ | 2. $CFM_o = \frac{N_o\ V}{60\ min./hr.}$ |
| Number of Air Changes Per Hour – Total | $N_T$ | 3. $N_T = \frac{CFM_T\ (60\ min./hr.)}{V}$ | 3. $N_T = \frac{CFM_T\ (60\ min./hr.)}{V}$ |
| Number of Air Changes Per Hour – Outdoor Air | $N_o$ | 4. $N_o = \frac{CFM_o\ (60\ min./hr.)}{V}$ | 4. $N_o = \frac{CFM_o\ (60\ min./hr.)}{V}$ |
| Total Heat ($H_T$) | Btuh | 5. $H_T = CFM_T \times 4.5 \times (h_1 - h_2) = Btuh$ | 6. $H_T = CFM_T \times 4.5 \times (h_2 - h_1) = Btuh$ |
| Sensible Heat ($H_S$) | Btuh | 7. $H_S = CFM_T \times 1.08 \times (T_1 - T_2) = Btuh$ | 8. $H_S = CFM_T \times 1.08 \times (T_2 - T_1) = Btuh$ |
| Latent Heat ($H_L$) | Btuh | 9. $H_L = CFM_T \times .68 \times (W_1 - W_2) = Btuh$ | 10. $H_L = CFM_T \times .68 \times (W_2 - W_1) = Btuh$ |
| Entering Air Temperature ($T_1$) (Mixed Air) | °F. D.B. | 11. $T_1 = t_1 + \frac{CFM_o}{CFM_T} \times (t_2 - t_1) = °F.D.B.$ ① ① If duct heat gain is a factor, add to $T_1$: $\frac{\text{Duct Heat Gain (Btuh)}}{CFM_T \times 1.08}$ | 12. $T_1 = t_1 - \frac{CFM_o}{CFM_T} \times (t_1 - t_2) = °F.D.B.$ ② ② If duct heat loss is a factor, subtract from $T_1$: $\frac{\text{Duct Heat Loss (Btuh)}}{CFM_T \times 1.08}$ |
| Leaving Air D.B. Temperature ($T_2$) | °F. D.B. | 13. $T_2 = T_1 - \frac{H_S}{CFM_T \times 1.08} = °F.D.B.$ | 14. $T_2 = T_1 + \frac{H_S}{CFM_T \times 1.08} = °F.D.B.$ |
| Required Airflow | $CFM_T$ | 15. $CFM_T = \frac{H_S\ (total)}{1.08 \times (T_1 - T_2)} = CFM$ OR $CFM_T = \frac{H_S\ (internal)③}{1.08 \times (t_1 - T_2)} = CFM$ ③ Sensible load of outside air not included | 16. $CFM_T = \frac{H_S}{1.08 \times (T_2 - T_1)} = CFM$ |
| Enthalpy – Leaving Air ($h_2$) | Btu/lb. dry air | 17. $h_2 = h_1 - \frac{H_T}{CFM_T \times 4.5} = Btu/lb.\ dry\ air$ | 18. $h_2 = h_1 + \frac{H_T}{CFM_T \times 4.5} = Btu/lb.\ dry\ air$ |
| Leaving Air W.B. Temperature | °F.W.B. | 19. Refer to Enthalpy Table and read W.B. temperature corresponding to enthalpy of leaving air ($h_2$) (see #17). | 20. Refer to Enthalpy Table and read W.B. temperature corresponding to enthalpy of leaving air ($h_2$) (see #18). |
| Heat Required to Evaporate Water Vapor Added to Ventilation Air | Btuh | 21. $H_L = CFM_o \times .68\ (W_3 - W_o) = Btuh$ | 22. $H_L = CFM_o \times .68\ (W_3 - W_o) = Btuh$ |
| Humidification Requirements | Lbs. water/hr. | 23. $\left(\text{Make up Moisture}\right) = \frac{\text{Excess Latent Capacity of System} \times \text{\% Run Time}}{1060\ Btu/lb.} = lbs./hr.$ (Industrial Process Work) | 24. $\left(\text{Make up Moisture}\right) = \frac{H_L\ \text{loss Btuh (see \#22)}}{1060\ Btu/lb.} = lbs./hr.$ |

### LEGEND

| | | | |
|---|---|---|---|
| $CFM_T$ | = | Total airflow cubic feet/min. | |
| $CFM_o$ | = | Outdoor air cubic feet/min. | |
| $N_T$ | = | Total air changes per hour | |
| $N_o$ | = | Outdoor air, air changes per hour | |
| V | = | Volume of space cubic feet | |
| $H_T$ | = | Total heat Btuh | |
| $H_S$ | = | Sensible heat Btuh | |
| $H_L$ | = | Latent heat Btuh | |
| * $h_1$ | = | Enthalpy or total heat of entering air | Btu/lb. |
| * $h_2$ | = | Enthalpy or total heat of leaving air | Btu/lb. |
| $T_1$ | = | Temperature of entering air | |
| $T_2$ | = | Temperature of leaving air | |
| $T_{adp}$ | = | Apparatus dewpoint | °F.D.B. |
| $t_1$ | = | Indoor design temperature | °F.D.B. |
| $t_2$ | = | Outdoor design temperature | °F.D.B. |
| $W_1$ | = | Grains of water/lb. of dry air at entering condition | Grains/lb. |
| $W_2$ | = | Grains of water/lb. of dry air at leaving condition | Grains/lb. |
| $W_3$ | = | Grains of water/lb. of dry air at indoor design conditions | Grains/lb. |
| $W_o$ | = | Grains of water/lb. of dry air at outdoor design conditions | Grains/lb. |

### DERIVATION OF AIR CONSTANTS

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.

4.5 (To convert CFM to lbs./hr.)

$4.5 = \frac{60\ min./hr.}{13.33}$ or $60 \times .075$

Where 13.33 is the specific volume of standard air (cu.ft./lb.) and .075 is the density (lbs./cu.ft.)

$1.08 = \frac{.24 \times 60}{13.33}$ or $.24 \times 4.5$

.24 BTU = specific heat of standard air (BTU/LB/°F)

$.68 = \frac{60}{13.33} \times \frac{1060}{7000}$ or $4.5 \times \frac{1060}{7000}$

Where: 1060 = Average Latent Heat of water vapor (BTU/LB.).

7000 = Grains per lb.

* See Enthalpy of air (Total Heat Content of Air) Table for exact values.

Accessories/Information

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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# Low Ambient Accessories Cooling and Heating Models

### Table AC/IN-11-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<br>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<br>4A7A7 | X | X | X | X | X | | X | X | X | X | X | X |
| 4A7V8 | X | NOT APPROVED | | | | | | | | | | |
| 4A7V00 | X | NOT APPROVED | | | | | | | | | | |

### Table AC/IN-11-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<br>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-11-C — Lowest Approved Outdoor Operating Temperature for Cooling Operation per Model Family Table

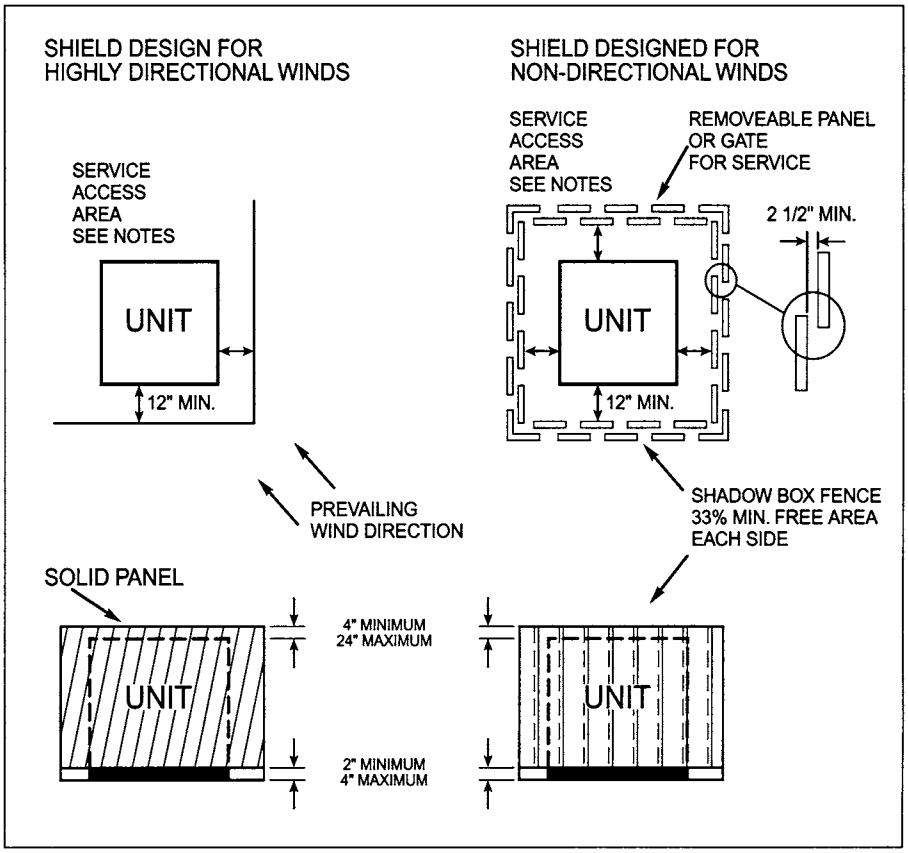
| Model Family | Lowest Approved Outdoor Ambient | |
|---|---|---|
| | AC | HP |
| 4A7V8 / 4A6V8 / 4A7V00 / 4A6V00 | 55°F | 55°F |
| 4A7C3 | 0°F | 0°F |
| 4A7C4 / 4A6C4 / 4A7C7 / 4A6C7 | 20°F | 10°F |
| 4A7A3 | 0°F | 0°F |
| 4A7A4 / 4A6H4 / 4A6H5 | 20°F | 10°F |
| 4A7A6 / 4A6H6 ** / 4A7L6 / 4A6L6 | 20°F | 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.**

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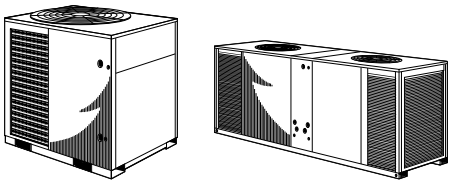
# Split System Cooling, Single Circuit Three Phase – 6-25 Tons, R-410A



**TTA – 6-25 Tons**

- **ReliaTel™** controls option
- (1) Scroll compressor (TTA072-120A)
- (2) Scroll compressors (TTA072-240D) 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
- 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**

## Model Number Description — Cooling Condenser

**Digit 1–3 — Unit Function**
**TTA** = Split System Cooling

**Digit 4–6 — Tonnage**
**072** = 6 Tons (60Hz)
**090** = 7.5 Tons (60Hz)
**120** = 10 Tons (60Hz)
**150** = 12.5 Tons (60Hz)
**180** = 15 Tons (60Hz)
**240** = 20 Tons (60Hz)
**300** = 25 Tons (60Hz)

**Digit 7 — Refrigerant**
**4** = R-410A

**Digit 8 — Voltage**
**3** = 208-230VAC - 3 PH (60Hz)
**4** = 460VAC - 3 PH (60Hz)
**W** = 575VAC - 3 PH (60Hz)
**K** = 380VAC - 3 PH (60Hz)

**Digit 9 — Refrigeration Circuit/Stage**
**A** = 1 Compressor/1 Line/1 Stage (Single)
**C** = 2 Compressors/1 Line/2 Stage (Manifold)

**Digit 10 — Major Design Sequence**
**A** = Current Design Sequence

**Digit 11 — Minor Design Sequence**
**B** = Current Design Sequence

**Digit 12–13 — Service Digits**

**Digit 14 — Efficiency Generation**
**A** = Generation A

**Digit 15 — Controls**
**E** = Electromechanical
**R** = ReliaTel™

**Digit 16 — None**
**0** = Not Used

**Digit 17 — Coil Protection**
**0** = Standard Coil
**1** = Standard Coil w/ Hail Guard
**4** = Complete Coat Condenser Coil (MCHE)
**5** = Complete Coat Condenser Coil with Hail Guard (MCHE)

**Digit 18-20 — None**
**0** = Not Used

**Digit 21 — Communications Options**
**0** = No Option
**2** = LonTalk® Communications Interface (LCI)

**Digit 22-40 — None**
**0** = Not Used

### Table LSC-1-A — TTA Split System Cooling — Single Compressor — R-410 Refrigerant

| Model Number | Power Supply | AHRI Net Cooling Cap. (BTUH) | Uncrated Dimensions(in.) H | W | L | Shipping Weight (lbs.) | Sound① Rating | MCA* | Max. Fuse* | Connection Size (in) OD Gas | OD Liq. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TTA07243A | 208-230/3/60 | 76,000 | 46 | 45 | 38 | 324 | 84 | 28 | 45 | 1 1/8 | 1/2 |
| TTA09043A | 208-230/3/60 | 94,000 | 45 | 45 | 38 | 342 | 83 | 34 | 50 | 1 3/8 | 1/2 |
| TTA07244A | 460/3/60 | 76,000 | 46 | 45 | 38 | 324 | 84 | 12 | 20 | 1 1/8 | 1/2 |
| TTA09044A | 460/3/60 | 94,000 | 45 | 45 | 38 | 342 | 83 | 17 | 25 | 1 3/8 | 1/2 |
| TTA0724WA | 575/3/60 | 76,000 | 46 | 45 | 38 | 324 | 84 | 9 | 15 | 1 1/8 | 1/2 |
| TTA0904WA | 575/3/60 | 94,000 | 45 | 45 | 38 | 342 | 83 | 13 | 20 | 1 3/8 | 1/2 |

### Table LSC-1-B — TTA Split System Cooling — Dual Manifolded Compressors with Single Refrigerant Circuits — R-410 Refrigerant

| Model Number | Power Supply | AHRI Net Cooling Cap. (BTUH) | Uncrated Dimensions(in.) H | W | L | Shipping Weight (lbs.) | Sound① Rating | MCA* | Max. Fuse* | Connection Size (in) OD Gas | OD Liq. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TTA12043C | 208-230/3/60 | 122,000 | 45 | 55 | 42 | 473 | 91 | 41 | 50 | 1 3/8 | 1/2 |
| TTA18043C | 208-230/3/60 | 184,000 | 51.1 | 96 | 48 | 806 | 93 | 67 | 90 | 1 5/8 | 5/8 |
| TTA24043C | 208-230/3/60 | 250,000 | 51.1 | 96 | 48 | 879 | 94 | 98 | 125 | 1 5/8 | 5/8 |
| TTA30043C | 208-230/3/60 | 296,000 | 57.1 | 96 | 48 | 1013 | 94 | 102 | 125 | 2 1/8 | 5/8 |
| TTA12044C | 460/3/60 | 122,000 | 45 | 55 | 42 | 473 | 91 | 20 | 25 | 1 3/8 | 1/2 |
| TTA18044C | 460/3/60 | 184,000 | 51.1 | 96 | 48 | 806 | 93 | 32 | 40 | 1 5/8 | 5/8 |
| TTA24044C | 460/3/60 | 250,000 | 51.1 | 96 | 48 | 879 | 94 | 47 | 60 | 1 5/8 | 5/8 |
| TTA30044C | 460/3/60 | 296,000 | 57.1 | 96 | 48 | 1013 | 94 | 49 | 60 | 2 1/8 | 5/8 |
| TTA1204WC | 575/3/60 | 122,000 | 45 | 55 | 42 | 473 | 91 | 15 | 20 | 1 3/8 | 1/2 |
| TTA1804WC | 575/3/60 | 184,000 | 51.1 | 96 | 48 | 806 | 93 | 37 | 50 | 1 5/8 | 5/8 |
| TTA2404WC | 575/3/60 | 250,000 | 51.1 | 96 | 48 | 879 | 94 | 39 | 50 | 1 5/8 | 5/8 |
| TTA3004WC | 575/3/60 | 296,000 | 57.1 | 96 | 48 | 1013 | 94 | 42 | 50 | 2 1/8 | 5/8 |

① Sound rating shown 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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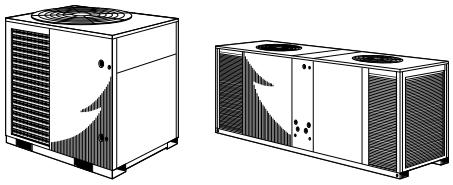
# Split System Cooling, Dual Circuit Three Phase – 6-25 Tons, R-410A



**TTA – 6-25 Tons**

- **ReliaTel™** controls option
- (2) Manifolded scroll compressors
- 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
- 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**

## Model Number Description — Cooling Condenser

**Digit 1–3 — Unit Function**
**TTA** = Split System Cooling

**Digit 4–6 — Tonnage**
**090** = 7.5 Tons (60Hz)
**120** = 10 Tons (60Hz)
**180** = 15 Tons (60Hz)
**240** = 20 Tons (60Hz)

**Digit 7 — Refrigerant**
**4** = R410A

**Digit 8 — Voltage**
**3** = 208-230VAC - 3 PH (60Hz)
**4** = 460VAC - 3 PH (60Hz)

**Digit 9 — Refrigeration Circuit/Stage**
**D** = 2 Compressors/2 Line/2 Stage (Duals)

**Digit 10 — Major Design Sequence**
**A** = Current Design Sequence

**Digit 11 — Minor Design Sequence**
**B** = Current Design Sequence

**Digit 12–13 — Service Digits**

**Digit 14 — Efficiency Generation**
**A** = Generation A

**Digit 15 — Controls**
**E** = Electromechanical

**Digit 16 — None**
**0** = Not Used

**Digit 17 — Coil Protection**
**0** = Standard Coil

**Digit 18-20 — None**
**0** = Not Used

**Digit 21 — Communications Options**
**0** = No Option

**Digit 22-40 — None**
**0** = Not Used

**Table LSC-2-B — TTA Split System Cooling — Dual Compressors with Two Sets of Refrigerant Circuits - R-410 Refrigerant**

| Model Number | Power Supply | AHRI Net Cooling Cap. (BTUH) | Uncrated Dimensions(in.) H | W | L | Shipping Weight (lbs.) | Sound① Rating | MCA* | Max. Fuse* | Connection Size (in) OD Gas | OD Liq. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TTA07243D | 208-230/3/60 | 75,000 | 45 | 45 | 38 | 344 | 91 | 23 | 30 | 7/8 | 1/2 |
| TTA09043D | 208-230/3/60 | 91,000 | 45 | 45 | 38 | 380 | 91 | 33 | 45 | 1 1/8 | 1/2 |
| TTA12043D | 208-230/3/60 | 116,000 | 45 | 55 | 42 | 436 | 91 | 41 | 50 | 1 1/8 | 1/2 |
| TTA15043D | 208-230/3/60 | 150,000 | 52.1 | 55 | 42 | 504 | 93 | 55 | 70 | 1 1/8 | 1/2 |
| TTA18043D | 208-230/3/60 | 186,000 | 51.1 | 96 | 48 | 806 | 93 | 66 | 90 | 1 3/8 | 1/2 |
| TTA24043D | 208-230/3/60 | 244,000 | 51.1 | 96 | 48 | 872 | 94 | 87 | 110 | 1 3/8 | 1/2 |
| TTA07244D | 460/3/60 | 75,000 | 45 | 45 | 38 | 344 | 91 | 14 | 20 | 7/8 | 1/2 |
| TTA09044D | 460/3/60 | 91,000 | 45 | 45 | 38 | 380 | 91 | 15 | 20 | 1 1/8 | 1/2 |
| TTA12044D | 460/3/60 | 116,000 | 45 | 55 | 42 | 436 | 91 | 20 | 25 | 1 1/8 | 1/2 |
| TTA15044D | 460/3/60 | 150,000 | 52.1 | 55 | 42 | 504 | 93 | 26 | 35 | 1 1/8 | 1/2 |
| TTA18044D | 460/3/60 | 186,000 | 51.1 | 96 | 48 | 806 | 93 | 32 | 40 | 1 3/8 | 1/2 |
| TTA24044D | 460/3/60 | 244,000 | 51.1 | 96 | 48 | 872 | 94 | 40 | 50 | 1 3/8 | 1/2 |
| TTA0724WD | 575/3/60 | 75,000 | 45 | 45 | 38 | 344 | 91 | 10 | 15 | 7/8 | 1/2 |
| TTA0904WD | 575/3/60 | 91,000 | 45 | 45 | 38 | 380 | 91 | 11 | 15 | 1 1/8 | 1/2 |
| TTA1204WD | 575/3/60 | 116,000 | 45 | 55 | 42 | 436 | 91 | 14 | 15 | 1 1/8 | 1/2 |
| TTA1504WD | 575/3/60 | 150,000 | 52.1 | 55 | 42 | 504 | 93 | 19 | 25 | 1 1/8 | 1/2 |
| TTA1804WD | 575/3/60 | 186,000 | 51.1 | 96 | 48 | 806 | 93 | 25 | 30 | 1 3/8 | 1/2 |
| TTA2404WD | 575/3/60 | 244,000 | 51.1 | 96 | 48 | 872 | 94 | 31 | 40 | 1 3/8 | 1/2 |

① Sound rating shown 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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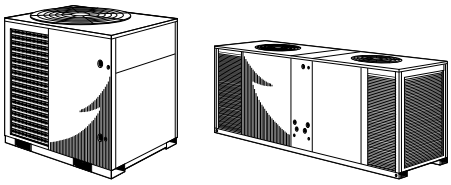
# Split System Cooling Three Phase – 6-25 Tons, R-22



**TTA – 6-25 Tons**

- 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
- 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
- **1-year limited parts warranty**
- **Optional Extended Warranties**

**Model Number Description — Cooling Condenser**

**Digit 1–3 — Unit Function**
**TTA** = Split System Cooling

**Digit 4–6 — Tonnage**
**090** = 7.5 Tons (60Hz)
**120** = 10 Tons (60Hz)
**180** = 15 Tons (60Hz)
**240** = 20 Tons (60Hz)

**Digit 7 — Refrigerant**
**2** = R-22

**Digit 8 — Voltage**
**3** = 208-230VAC - 3 PH (60Hz)
**4** = 460VAC - 3 PH (60Hz)

**Digit 9 — Refrigeration Circuit/Stage**
**A** = 1 Compressor/1 Line/1 Stage (Single)
**D** = 2 Compressors/2 Line/2 Stage (Duals)

**Digit 10 — Major Design Sequence**
**B** = Current Design Sequence

**Digit 11 — Minor Design Sequence**
**A** = Current Design Sequence

**Digit 12–13 — Service Digits**

**Digit 14 — Efficiency Generation**
**A** = Generation A

**Digit 15 — Controls**
**E** = Electromechanical

**Digit 16 — None**
**0** = Not Used

**Digit 17 — Coil Protection**
**0** = Standard Coil

**Digit 18-20 — None**
**0** = Not Used

**Digit 21 — Communications Options**
**0** = No Option

**Digit 22-40 — None**
**0** = Not Used

**Table LSC-3-A — TTA Split System Cooling - Single Compressors with Single Refrigerant Circuits - R-22 Refrigerant**

| Model Number | Power Supply | AHRI Net Cooling Cap. (BTUH) | Uncrated Dimensions(in.) H | W | L | Shipping Weight (lbs.) | Sound① Rating | MCA* | Max. Fuse* | Connection Size (in) OD Gas | OD Liq. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TTA09023A | 208-230/3/60 | 90,000 | 45 | 45 | 38 | 328 | 83 | 31 | 50 | 1 3/8 | 1/2 |
| TTA12023A | 208-230/3/60 | 120,000 | 45 | 55 | 42 | 405 | 90 | 43 | 70 | 1 3/8 | 1/2 |
| TTA09024A | 460/3/60 | 90,000 | 45 | 45 | 38 | 328 | 83 | 15 | 25 | 1 3/8 | 1/2 |
| TTA12024A | 460/3/60 | 120,000 | 45 | 55 | 42 | 405 | 90 | 22 | 35 | 1 3/8 | 1/2 |

**Table LSC-3-B — TTA Split System Cooling - Dual Compressors with Dual Refrigerant Circuits - R-22 Refrigerant**

| Model Number | Power Supply | AHRI Net Cooling Cap. (BTUH) | Uncrated Dimensions(in.) H | W | L | Shipping Weight (lbs.) | Sound① Rating | MCA* | Max. Fuse* | Connection Size (in) OD Gas | OD Liq. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TTA18023D | 208-230/3/60 | 180,000 | 51.1 | 96 | 48 | 776 | 83 | 60 | 80 | 1 3/8 | 1/2 |
| TTA24023D | 208-230/3/60 | 240,000 | 51.1 | 96 | 48 | 922 | 90 | 78 | 100 | 1 3/8 | 1/2 |
| TTA18024D | 460/3/60 | 180,000 | 51.1 | 96 | 48 | 776 | 83 | 30 | 40 | 1 3/8 | 1/2 |
| TTA24024D | 460/3/60 | 240,000 | 51.1 | 96 | 48 | 922 | 90 | 40 | 50 | 1 3/8 | 1/2 |

① Sound rating shown 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 Cooling – R-410A Accessories Three Phase – 6-25 Tons

**Table LSC-4-A — TTA Accessories**

| Model | Used With |
|---|---|
| **Coil (Hail/Vandal) Guard** | |
| BAYGARD058* | TTA072, TTA090 |
| BAYGARD059* | TTA120 |
| BAYGARD060* | TTA150 |
| BAYGARD061* | TTA180, TTA240 |
| BAYGARD062* | TTA300 |
| **Universal Hot Gas Bypass Kit** | |
| BAYHGBP010* | All models |
| **Rubber Isolators** | |
| BAYISLT004* (blue) | TTA072, TTA090 |
| BAYISLT005* (black) | TTA120 |
| BAYISLT009* (red) | TTA150, TTA180 |
| BAYISLT010* (green) | TTA240, TTA300 |
| **Steel Spring Isolators** | |
| BAYISLT023* (red) | TTA072, TTA090, TTA120**A |
| BAYISLT024* (black) | TTA120**C/D, TTA150, TTA180 |
| BAYISLT025* (yellow) | TTA240, TTA300 |
| **Service Valve Kit** | |
| BAYVALV001 | TTA0724*A, TTA0904*A, TTA1204*C |
| BAYVALV003 | TTA0724*D, TTA0904*D, TTA1204*D |
| BAYVALV004 | TTA1504*D |
| BAYVALV005 | TTA1804*D, TTA2404*D |
| BAYVALV007 | TTA1804*C, TTA2404*C |
| BAYVALV008 | TTA3004*C |
| **Low Ambient — On/Off Fan Control (External mount, small cabinets)① ② ③** | |
| BAYLOAMU01* (External Mount, small cabinets)④ | (all voltages) TTA072, TTA090 |
| BAYLOAMU02* (Internal mount, large cabinets) | (all voltages) TTA120, TTA150, TTA180, TTA240, TTA300 |
| **Head Pressure Control②** | |
| BAYLOAM335* (208–230V, 0.5 HP, Hi-Eff Motor) | TTA072*3A, TTA090*3A |
| BAYLOAM336* (208–230V, 1 HP, Hi-Eff Motor) | TTA120*3A/C/D, TTA150*3D, TTA180*3C/D, TTA240*3C/D, TTA300*3C |
| BAYLOAM337* (208-230 V, 0.5HP, Hi-Eff motor) | TTA072*3D, TTA090*3D |
| BAYLOAM435*(380-460V, 0.5HP Hi-Eff Motor) | TTA072*4A, TTA090*4A |
| BAYLOAM436*(380-460V, 1 HP Hi-Eff Motor) | TTA120*4A/C/D, TTA150*4D, TTA180*4C/D, TTA240*4C/D, TTA300*4C |
| BAYLOAM437*(380-460V, 0.5 HP Hi-Eff Motor) | TTA072*4D, TTA090*4D |
| BAYLOAMW36* (575V, 1 HP, Hi-Eff Motor) | TTA120*WA/C/D, TTA150*WD, TTA180*WC/D, TTA240*WC/D, TTA300*WC |
| **Transducer Kit for Head Pressure Control (BAYLOAM335, 336, 435, 436, W36)** | |
| BAYLOTR001*⑤ | TTA120**D, TTA150**D |
| **Trane Communication (3/4 Communications Interface)** | |
| BAYICSI003* | All Models |
| **LonTalk Communications Interface⑥** | |
| BAYLTCI002* | All Models |

① Cycles fan on/off (no modulating).
② Quantity of 1 required for each fan (2 total for ton and larger).
③ ReliaTel™ requires onboard EDC function to be disabled when BAYLOAM is used, remove OA sensor from terminal J8-1&2
④ Kit mounts external to the outdoor unit and operates by sensing ambient and liquid line temperatures.
⑤ BAYLOTR001 required when modulating BAYLOAM kits used with units that have 2 compressors (dual circuit) and 1 condenser fan.

# Split System Cooling Three Phase – 6-25 Tons

**Table LSC-5-A — ReliaTel™ Control Options**

| Model Number | Description | Used With |
|---|---|---|
| BAYSENS107 | Zone Sensor, Set Point Adj, Fan, System, EH, ED | TTA072-TTA300 with ReliaTel™ Controls |
| BAYSENS109 | Zone Sensor, 2 Set Point Adj, Fan, System, EH, ED | TTA072-TTA300 with ReliaTel™ Controls |
| BAYSENS119 | Digital Programmable Zone Sensor | TTA072-TTA300 with ReliaTel Controls |
| BAYSENS135 | Digital Non-Programmable Zone Sensor | TTA072-TTA300 with ReliaTel Controls |
| BAYSENS106 | Zone Sensor, Set Point, Fan, System | TTA072-TTA300 with ReliaTel™ Controls |
| BAYSENS108 | Zone Sensor, 2 Set Point, Fan, System | TTA072-TTA300 with ReliaTel™ Controls |
| BAYSENS110 | Zone Sensor, 2 Set Point, Fan, System, ED | TTA072-TTA300 with ReliaTel™ Controls |

**Table LSC-5-B — Electromechanical Control Options**

| Model Number | Description | Used With |
|---|---|---|
| TCONT102AN11AA | 1H/1C Non-Programmable Thermostat | TTA072A, TTA090A |
| TCONT103AN21HA | 2H/1C Non-Programmable Thermostat | TTA072A, TTA090A |
| TCONT402AN32DA | 3H/2C Non-Programmable Thermostat | ALL |
| TCONT202AS11MA | 1H/1C Programmable Thermostat | TTA072A, TTA090A |
| TCONT302AS42DA | 4H/2C Touchscreen Programmable Thermostat | ALL |
| TCONT303AS42DA | 4H/2C Touchscreen Programmable Thermostat, Humidity Sensor | ALL |
| BAYSTAT814A | Picot Smart Thermostat | ALL |

# 6 - 25 Tons with ReliaTel™ Controls

## 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 auto-mation 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 ap-plied can accomplish this.

① **Denotes features lost from utilizing standard conventional stat.**

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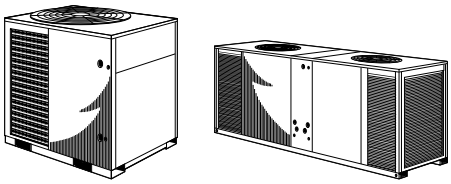
# Split System Heat Pumps Three Phase – 6-20 Tons, R-410A



**TWA – 6-20 Tons**

- **ReliaTel™** controls (standard)
- (1) Scroll compressor (TWA072-120A)
- (2) Scroll compressors (TWA072-240D) 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
- 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 (TWA072A, TWA090A, TWA120A, TWA180D, TWA240A)**
- **1-year limited parts warranty**
- **Optional Extended Warranties**

## Model Number Description — Heat Pump Condenser

**Digit 1–3 — Unit Function**
**TWA** = Split System Heat Pump

**Digit 4–6 — Tonnage**
**072** = 6 Tons (60Hz)
**090** = 7.5 Tons (60Hz)
**120** = 10 Tons (60Hz)
**180** = 15 Tons (60Hz)
**240** = 20 Tons (60Hz)

**Digit 7 — Refrigerant**
**4** = R-410A

**Digit 8 — Voltage**
**3** = 208-230VAC - 3 PH (60Hz)
**4** = 460VAC - 3 PH (60Hz)
**W** = 575VAC - 3 PH (60Hz)
**K** = 380VAC - 3 PH (60Hz)

**Digit 9 — Refrigeration Circuit/Stage**
**A** = 1 Compressor/1 Line/1 Stage (Single)
**D** = 2 Compressors/2 Line/2 Stage (Duals)

**Digit 10 — Major Design Sequence**
**A** = Current Design Sequence

**Digit 11 — Minor Design Sequence**
**B** = Current Design Sequence

**Digit 12–13 — Service Digits**

**Digit 14 — Efficiency Generation**
**A** = Generation A

**Digit 15 — Controls**
**R** = ReliaTel™

**Digit 16 — None**
**0** = Not Used

**Digit 17 — Coil Protection**
**0** = Standard Coil
**1** = Standard Coil w/ Hail Guard
**2** = Black Epoxy Pre-Coated Condenser Coil (FIN/TUBE)
**3** = Black Epoxy Pre-Coated Condenser Coil with Hail Guard (FIN/TUBE)

**Digit 18-20 — None**
**0** = Not Used

**Digit 21 — Communications Options**
**0** = No Option
**2** = LonTalk® Communications Interface (LCI)

**Digit 22-40 — None**
**0** = Not Used

### Table LSH-1-A — TWA Split System Heat Pumps — Single Compressor with Single Refrigerant Circuits — R-410 Refrigerant

| Model Number | Power Supply | AHRI Net Cooling Cap. (BTUH) | Uncrated Dimensions(in.) H | W | L | Shipping Weight (lbs.) | Sound① Rating | MCA* | Max. Fuse* | Connection Size (in) OD Gas | OD Liq. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TWA07243A | 208-230/3/60 | 80,000 | 45 | 45 | 38 | 360 | 84 | 31 | 50 | 1 3/8 | 1/2 |
| TWA09043A | 208-230/3/60 | 86,000 | 45 | 45 | 38 | 382 | 83 | 34 | 50 | 1 3/8 | 1/2 |
| TWA12043A | 208-230/3/60 | 123,000 | 52.1 | 55 | 42 | 495 | 90 | 46 | 70 | 1 3/8 | 1/2 |
| TWA07244A | 460/3/60 | 80,000 | 45 | 45 | 38 | 360 | 84 | 15 | 25 | 1 3/8 | 1/2 |
| TWA09044A | 460/3/60 | 86,000 | 45 | 45 | 38 | 382 | 83 | 18 | 30 | 1 3/8 | 1/2 |
| TWA12044A | 460/3/60 | 123,000 | 52.1 | 55 | 42 | 495 | 90 | 25 | 40 | 1 3/8 | 1/2 |
| TWA0724WA | 575/3/60 | 80,000 | 45 | 45 | 38 | 360 | 84 | 11 | 15 | 1 3/8 | 1/2 |
| TWA0904WA | 575/3/60 | 86,000 | 45 | 45 | 38 | 382 | 83 | 13 | 20 | 1 3/8 | 1/2 |
| TWA1204WA | 575/3/60 | 123,000 | 52.1 | 55 | 42 | 495 | 90 | 22 | 35 | 1 3/8 | 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 | AHRI Net Cooling Cap. (BTUH) | Uncrated Dimensions(in.) H | W | L | Shipping Weight (lbs.) | Sound① Rating | MCA* | Max. Fuse* | Connection Size (in) OD Gas | OD Liq. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TWA07243D | 208-230/3/60 | 77,000 | 45 | 55 | 42 | 413 | 84 | 27 | 35 | 7/8 | 1/2 |
| TWA09043D | 208-230/3/60 | 93,000 | 45 | 55 | 42 | 466 | 83 | 33 | 45 | 1 1/8 | 1/2 |
| TWA12043D | 208-230/3/60 | 118,000 | 52.1 | 55 | 42 | 478 | 90 | 46 | 70 | 1 1/8 | 1/2 |
| TWA18043D | 208-230/3/60 | 188,000 | 51.1 | 96 | 48 | 874 | 93 | 66 | 90 | 1 1/8 | 1/2 |
| TWA24043D | 208-230/3/60 | 248,000 | 51.1 | 96 | 48 | 1003 | 94 | 86 | 110 | 1 3/8 | 5/8 |
| TWA07244D | 460/3/60 | 77,000 | 45 | 55 | 42 | 413 | 84 | 15 | 20 | 7/8 | 1/2 |
| TWA09044D | 460/3/60 | 93,000 | 45 | 55 | 42 | 466 | 83 | 15 | 20 | 1 1/8 | 1/2 |
| TWA12044D | 460/3/60 | 118,000 | 52.1 | 55 | 42 | 478 | 90 | 20 | 25 | 1 1/8 | 1/2 |
| TWA18044D | 460/3/60 | 188,000 | 51.1 | 96 | 48 | 874 | 93 | 32 | 40 | 1 1/8 | 1/2 |
| TWA24044D | 460/3/60 | 248,000 | 51.1 | 96 | 48 | 1003 | 94 | 46 | 60 | 1 3/8 | 5/8 |
| TWA0724WD | 575/3/60 | 77,000 | 45 | 55 | 42 | 413 | 84 | 10 | 15 | 7/8 | 1/2 |
| TWA0904WD | 575/3/60 | 93,000 | 45 | 55 | 42 | 466 | 83 | 11 | 15 | 1 1/8 | 1/2 |
| TWA1204WD | 575/3/60 | 118,000 | 52.1 | 55 | 42 | 478 | 90 | 15 | 20 | 1 1/8 | 1/2 |
| TWA1804WD | 575/3/60 | 188,000 | 51.1 | 96 | 48 | 874 | 93 | 25 | 30 | 1 3/8 | 1/2 |
| TWA2404WD | 575/3/60 | 248,000 | 51.1 | 96 | 48 | 1003 | 94 | 35 | 45 | 1 3/8 | 5/8 |

① Sound rating shown 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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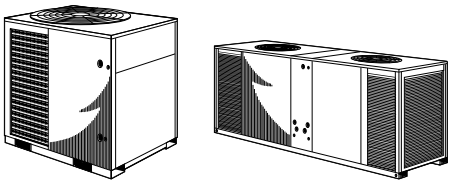
# Split System Heat Pumps Three Phase – 7½-20 Tons, R-22



**TWA – 7.5-20 Tons**

- **ReliaTel™** controls (standard)
- (1) Scroll compressor (TWA072-120A)
- (2) Scroll compressors (TWA180-240D) 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
- 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

## Model Number Description — Heat Pump Condenser

**Digit 1–3 — Unit Function**
**TWA** = Split System Heat Pump

**Digit 4–6 — Tonnage**
**090** = 7.5 Tons (60Hz)
**120** = 10 Tons (60Hz)
**180** = 15 Tons (60Hz)
**240** = 20 Tons (60Hz)

**Digit 7 — Refrigerant**
**2** = R-22

**Digit 8 — Voltage**
**3** = 208-230VAC - 3 PH (60Hz)
**4** = 460VAC - 3 PH (60Hz)

**Digit 9 — Refrigeration Circuit/Stage**
**A** = 1 Compressor/1 Line/1 Stage (Single)
**D** = 2 Compressors/2 Line/2 Stage (Duals)

**Digit 10 — Major Design Sequence**
**A** = Current Design Sequence

**Digit 11 — Minor Design Sequence**
**B** = Current Design Sequence

**Digit 12–13 — Service Digits**

**Digit 14 — Efficiency Generation**
**A** = Generation A

**Digit 15 — Controls**
**R** = ReliaTel™

**Digit 16 — None**
**0** = Not Used

**Digit 17 — Coil Protection**
**0** = Standard Coil

**Digit 18-20 — None**
**0** = Not Used

**Digit 21 — Communications Options**
**0** = No Option

**Digit 22-40 — None**
**0** = Not Used

### Table LSC-2-A — TTA Split System Cooling - Single Compressors with Single Refrigerant Circuits - R-22 Refrigerant

| Model Number | Power Supply | Nom. Cap. Cooling (BTUH) | Uncrated Dimensions(in.) H | W | L | Shipping Weight (lbs.) | Sound① Rating | MCA* | Max. Fuse* | Connection Size (in) OD Gas | OD Liq. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TWA09023A | 208-230/3/60 | 90,000 | 46.1 | 45 | 38 | 397 | 83 | 31 | 50 | 1 3/8 | 5/8 |
| TWA12023A | 208-230/3/60 | 120,000 | 52.1 | 55 | 42 | 482 | 90 | 43 | 70 | 1 3/8 | 1/2 |
| TWA09024A | 460/3/60 | 90,000 | 46.1 | 45 | 38 | 397 | 83 | 15 | 25 | 1 3/8 | 5/8 |
| TWA12024A | 460/3/60 | 120,000 | 52.1 | 55 | 42 | 482 | 90 | 22 | 35 | 1 3/8 | 1/2 |

### Table LSC-2-B — TTA Split System Cooling - Dual Compressors with Dual Refrigerant Circuits - R-22 Refrigerant

| Model Number | Power Supply | Nom. Cap. Cooling (BTUH) | Uncrated Dimensions(in.) H | W | L | Shipping Weight (lbs.) | Sound① Rating | MCA* | Max. Fuse* | Connection Size (in) OD Gas | OD Liq. |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TWA18023D | 208-230/3/60 | 180,000 | 51.1 | 96 | 48 | 920 | 93 | 60 | 80 | 1 3/8 | 1/2 |
| TWA24023D | 208-230/3/60 | 240,000 | 51.1 | 96 | 48 | 1003 | 94 | 78 | 100 | 1 3/8 | 5/8 |
| TWA18024D | 460/3/60 | 180,000 | 51.1 | 96 | 48 | 920 | 93 | 30 | 40 | 1 3/8 | 1/2 |
| TWA24024D | 460/3/60 | 240,000 | 51.1 | 96 | 48 | 1003 | 94 | 40 | 50 | 1 3/8 | 5/8 |

① Sound rating shown 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 – Accessories
# Three Phase – 6-20 Tons, R-410A



**Table LSH-3-A — TWA Accessories**

| Model | Used With |
|---|---|
| **Coil (Hail/Vandal) Guard** | |
| BAYGARD058* | TWA072**A, TWA090**A |
| BAYGARD059* | TWA072**D, TWA090**D |
| BAYGARD060* | TWA120 |
| BAYGARD061* | TWA180, TWA240 |
| **Rubber Isolators** | |
| BAYISLT005* (black) | TWA072, TWA090, TWA120 |
| BAYISLT009* (red) | TWA180 |
| BAYISLT010* (green) | TWA240 |
| **Steel Spring Isolators** | |
| BAYISLT023* (red) | TWA072, TWA090, TWA120 |
| BAYISLT024* (black) | TWA180 |
| BAYISLT025* (yellow) | TWA240 |
| **Service Valve Kit** | |
| BAYVALV001 | TWA0724*A, TWA1204*A |
| BAYVALV002 | TWA0904*A |
| BAYVALV003 | TWA0724*D, TWA0904*D, TWA1204*D |
| BAYVALV006 | TWA01804*D, TWA2404*D |
| **Low Ambient — On/Off Fan Control (External mount, small cabinets)① ② ③** | |
| BAYLOAMU01* (External Mount, small cabinets)④ | (all voltages) TWA072**A, TWA090**A |
| BAYLOAMU02* (Internal mount, large cabinets) | (all voltages) TWA120, TWA180, TWA240 |
| **Head Pressure Control②** | |
| BAYLOAM335* (208–230V, 0.5 HP, Hi-Eff Motor) | TWA072*3A/D, TWA090*3A/D |
| BAYLOAM336* (208–230V, 1 HP, Hi-Eff Motor) | TWA120*3A/D, TWA180*3D, TWA240*3D |
| BAYLOAM435*(380-460V, 0.5HP Hi-Eff Motor) | TWA072*4A/D, TWA090*4A/D |
| BAYLOAM436*(380-460V, 1 HP Hi-Eff Motor) | TWA120*4A/D, TWA180*4D, TWA240*4D |
| BAYLOAMW36* (575V, 1 HP, Hi-Eff Motor) | TWA120*WA/D, TWA180*WD, TWA240*WD |
| **Transducer Kit for Head Pressure Control (BAYLOAM335, 336, 435, 436, W36)** | |
| BAYLOTR001*⑤ | TWA072**D, TWA090**D, TWA120**D |
| **Trane Communication (3/4 Communications Interface)⑥** | |
| BAYICSI003* | All Models |
| **LonTalk Communications Interface⑥** | |
| BAYLTCI002* | All Models |

① Cycles fan on/off (no modulating).
② Quantity of 1 required for each fan (2 total for ton and larger).
③ ReliaTel™ requires onboard EDC function to be disabled when BAYLOAM is used, remove OA sensor from terminal J8-1&2
④ Kit mounts external to the outdoor unit and operates by sensing ambient and liquid line temperatures.
⑤ BAYLOTR001 required when modulating BAYLOAM kits used with units that have 2 compressors (dual circuit) and 1 condenser fan.
⑥ BAYWRKT003 must also be installed when using BAYICSI003 or the BAYLTCI002 on the 15-20T Split System Heat Pump units

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# Split System Heat Pumps Three Phase – 6-20 Tons

**Table LSH-4-A — ReliaTel™ Control Options**

| Model Number | Description | Used With |
|---|---|---|
| ASYSTAT107 | Zone Sensor, Set Point Adj, Fan, System, EH, LED | TWA072-TWA240 with ReliaTel™ Controls |
| ASYSTAT109 | Zone Sensor, 2 Set Point Adj, Fan, System, EH, LED | TWA072-TWA240 with ReliaTel™ Controls |
| ASYSTAT777 | Digital Programmable Zone Sensor with Night Setback | TWA072-TWA240, TTA073-TTA240 with ReliaTel™ Controls |
| BAYSENS050① | Wireless Zone Sensor | TWA072-TWA240 with ReliaTel™ Controls |
| BAYSENS073 | Room Sensor w/ Override and Cancel Button | TWA072-TWA240 with ReliaTel™ Controls |
| BAYSENS074 | Room Sensor w/ Temperature Adjustment and Override Button | TWA072-TWA240 with ReliaTel™ Controls |
| BAYSENS077 | Remote Sensor | ASYSTAT107A, ASYSTAT109A, ASYSTAT777A |
| BAYSENS110 | Dual Set Point w/ Manual/Auto Change Over | TWA072-TWA240 with ReliaTel™ Controls |

**Table LSH-4-B — Controls**

| Model Number | Description | Used With |
|---|---|---|
| ASYSTAT092 | 2H/2C Touch Screen Digital Display Programmable Thermostat "Touch Screen" | All |
| ASYSTAT093 | 3H/2C Digital Display Programmable Thermostat W/Humidity Sensor | All |

① Kit comes with everything required for installation and operation.

# 6 - 20 Tons with ReliaTel™ Controls



## 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.

**Demand Defrost** — Defrosts only if needed, not based on time like most other systems, optmizing and lowering operating costs.

① **Denotes features lost from utilizing standard conventional stat.**

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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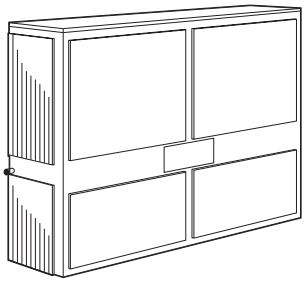
# Split System Air Handlers, R-410A

## 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)**

**Digit 1–3 — Unit Function**

**TWE** = Air Handler

**Digit 4–6 — Tonnage**

**060** = 5 Tons (60Hz)
**072** = 6 Tons (60Hz)
**090** = 7.5 Tons (60Hz)
**120** = 10 Tons (60Hz)
**150** = 12.5 Tons (60Hz)
**180** = 15 Tons (60Hz)
**240** = 20 Tons (60Hz)
**300** = 25 Tons (60Hz)

**Digit 7 — Refrigerant**

**4** = R-410A

**Digit 8 — Voltage**

**1** = 208-230VAC - 1 PH (60Hz)
**3** = 208-230VAC - 3 PH (60Hz)
**4** = 460VAC - 3 PH (60Hz)
**W** = 575VAC - 3 PH (60Hz)
**K** = 380VAC - 3 PH (60Hz)

**Digit 9 — Refrigeration Circuit/Stage**

**A** = Single Circuit
**B** = Dual Circuit

**Digit 10 — Major Design Sequence**

**A** = Rev A

**Digit 11 — Minor Design Sequence**

**A** = Rev A

**Digit 12–13 — Service Digits**

**00** = 00

**Digit 14 — Efficiency Generation**

**A** = Generation A (2018 DOE)

**Digit 15 — Controls**

**0** = Constant Volume
**A** = 2 Stage Airflow (Electromechanical Cond Only)
**B** = Single Zone VAV (ReliaTel Cond Only)

**Digit 16 — Indoor Fan Sizes**

**0** = Standard Motor
**4** = High Static - (Oversized Motor for VFD Units)

**Digit 17–40 — None**

**0** = None

**Table LAH-1-A — Single Circuit Coil - R-410A⑤**

| Tons | Unit Model No. | Power Supply Volts/Phase/Hz | FCCV | "Drive Type" | "Dimensions (in) H x W x D"④ | "Shipping Weight (lbs)" | MCA* | Max Fuse Size or Max Circuit Breaker③* |
|---|---|---|---|---|---|---|---|---|
| **Single Phase** | | | | | | | | |
| 5 | TWE06041A | 208-230/1/60 | TXV | Belt | 48 x 39 x 23 | 285 | 8 | 15 |
| 7 ½ | TWE09041A① | 208-230/1/60 | TXV | Belt | 54 x 49 x 26 | 385 | 8 | 15 |
| 10 | TWE12041A① | 208-230/1/60 | TXV | Belt | 54 x 65 x 26 | 441 | 11 | 15 |
| **Three Phase** | | | | | | | | |
| 5 | TWE06043A | 208-230/3/60 | TXV | Belt | 48 x 39 x 23 | 285 | 3 | 15 |
| 5 | TWE06044A | 460/3/60 | TXV | Belt | 48 x 39 x 23 | 285 | 2 | 156 |
| 5 | TWE0604WA | 575/3/60 | TXV | Belt | 48 x 39 x 23 | 285 | 2 | 15 |
| 7 ½ | TWE09043A①② | 208-230/3/60 | TXV | Belt | 54 x 49 x 26 | 385 | 7 | 15 |
| 7 ½ | TWE0904WA① | 575/3/60 | TXV | Belt | 54 x 49 x 26 | 385 | 2 | 15 |
| 10 | TWE12043A①② | 208-230/3/60 | TXV | Belt | 54 x 65 x 26 | 441 | 9 | 15 |
| 10 | TWE1204WA① | 575/3/60 | TXV | Belt | 54 x 65 x 26 | 441 | 3 | 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.

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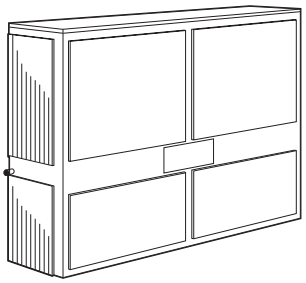
# Split System Air Handlers, R-410A

## Single Phase – 5-10 Tons
## Three Phase – 5-25 Tons

Light Commercial Air Handlers/Heaters

- 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
- Factory installed 2 speed variable frequency drive (VFD) option available for enhanced part load performance and minimum REQUIRED for CA Title 24 Compliance⑥
- Factory installed Single Zone VAV (SZVAV) option available for enhanced part load performance and space temperature control via varying airflow⑥
- **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
090 = 7.5 Tons
120 = 10 Tons
150 = 12.5 Tons
180 = 15 Tons
240 = 20 Tons
300 = 25 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 | FCCV | "Drive Type" | "Dimensions (in) H x W x D"④ | "Shipping Weight (lbs)" | MCA* | Max Fuse Size or Max Circuit Breaker③* |
|---|---|---|---|---|---|---|---|---|
| **Single Phase** | | | | | | | | |
| 5 | TWE06041B | 208-230/1/60 | TXV | Belt | 48 x 39 x 23 | 285 | 8 | 15 |
| 7 ½ | TWE09041B① | 208-230/1/60 | TXV | Belt | 54 x 49 x 26 | 385 | 8 | 15 |
| 10 | TWE12041B① | 208-230/1/60 | TXV | Belt | 54 x 65 x 26 | 441 | 11 | 15 |
| **Three Phase** | | | | | | | | |
| 5 | TWE06043B | 208-230/3/60 | TXV | Belt | 48 x 39 x 23 | 285 | 3 | 15 |
| 5 | TWE06044B | 460/3/60 | TXV | Belt | 48 x 39 x 23 | 285 | 2 | 156 |
| 6 | TWE07243B | 208-230/3/60 | TXV | Belt | 54 x 49 x 26 | 385 | 7 | 15 |
| 6 | TWE0724WB | 575/3/60 | TXV | Belt | 54 x 49 x 26 | 385 | 2 | 15 |
| 7 ½ | TWE09043B① | 208-230/3/60 | TXV | Belt | 54 x 49 x 26 | 385 | 7 | 15 |
| 10 | TWE12043 | 208-230/3/60 | TXV | Belt | 54 x 65 x 26 | 441 | 9 | 15 |
| 10 | TWE1204W | 575/3/60 | TXV | Belt | 54 x 65 x 26 | 441 | 3 | 15 |
| 10 | TWE12043B | 208-230/3/60 | TXV | Belt | 54 x 65 x 26 | 441 | 9 | 15 |
| 10 | TWE1204WB | 575/3/60 | TXV | Belt | 54 x 65 x 26 | 441 | 3 | 15 |
| 12 ½ | TWE15043B② | 208-230/3/60 | TXV | Belt | 69 x 81 x 30 | 753 | 7 | 15 |
| 12 ½ | TWE1504WB | 575/3/60 | TXV | Belt | 69 x 81 x 30 | 753 | 3 | 15 |
| 15 | TWE18043B | 208-230/3/60 | TXV | Belt | 69 x 81 x 30 | 752 | 12 | 20 |
| 15 | TWE1804WB | 575/3/60 | TXV | Belt | 69 x 81 x 30 | 752 | 4 | 15 |
| 20 | TWE24043B | 208-230/3/60 | TXV | Belt | 72 x 94 x 32 | 912 | 18 | 30 |
| 20 | TWE24044B | 460/3/60 | TXV | Belt | 72 x 94 x 32 | 912 | 8 | 15 |
| 20 | TWE2404WB | 575/3/60 | TXV | Belt | 72 x 94 x 32 | 912 | 7 | 15 |
| 25 | TWE30043B | 208-230/3/60 | TXV | Belt | 72 x 94 x 32 | 993 | 25 | 40 |
| 25 | TWE30044B | 460/3/60 | TXV | Belt | 72 x 94 x 32 | 993 | 11 | 20 |
| 25 | TWE3004WB | 575/3/60 | TXV | Belt | 72 x 94 x 32 | 993 | 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.



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# Split System Air Handlers, R-410A

## Single Phase – 5-10 Tons
## Three Phase – 5-25 Tons



### Table LAH-3-A — 5 - 10 Ton Electric Heater Selection

| Model Number | Description | Used With |
|---|---|---|
| BAYHTRN106A | 4.33/5.76 kW Heater 208/240/1 Phase | TWE 060, 090, 120 |
| BAYHTRR112A | 8.65/11.52 kW Heater 208/240/1 Phase | TWE 060, 090, 120 |
| BAYHTRS117A | 12.98/17.28 kW Heater 208/240/1 Phase | TWE 060, 090, 120 |
| BAYHTRR123A | 17.30/23.04 kW Heater 208/240/1 Phase | TWE 060, 090, 120 |
| BAYHTRN129A | 21.65/28.8 kW Heater 208/240/1 Phase | TWE 090, 120 |
| BAYHTRN305A | 3.75/5.00 kW Heater 208/240/3 Phase | TWE 060, 072, 090, 120 |
| BAYHTRR310A | 7.45/9.96 kW Heater 208/240/3 Phase | TWE 060, 072, 090, 120 |
| BAYHTRR315A | 11.25/14.96 kW Heater 208/240/3 Phase | TWE 060, 072, 090, 120 |
| BAYHTRN325A | 18.71/24.92 kW Heater 208/240/3 Phase | TWE 060, 072, 090, 120 |
| BAYHTRN335A | 26.20/34.88 kW Heater 208/240/3 Phase | TWE 090, 120 |
| BAYHTRN405A | 5.00 kW Heater 460/3 Phase | TWE 060, 072, 090, 120① |
| BAYHTRR410A | 9.96 kW Heater 460/3 Phase | TWE 060, 072, 090, 120① |
| BAYHTRR415A | 14.96 kW Heater 460/3 Phase | TWE 060, 072, 090, 120① |
| BAYHTRN425A | 24.92 kW Heater 460/3 Phase | TWE 060, 072, 090, 120① |
| BAYHTRN435A | 34.88 kW Heater 460/3 Phase | TWE 090, 120① |
| BAYHTRNW05A | 5.00 kW Heater 575/3 Phase | TWE 060, 072, 090, 120 |
| BAYHTRRW10A | 9.96 kW Heater 575/3 Phase | TWE 060, 072, 090, 120 |
| BAYHTRRW15A | 14.96 kW Heater 575/3 Phase | TWE 060, 072, 090, 120 |
| BAYHTRNW25A | 24.92 kW Heater 575/3 Phase | TWE 060, 072, 090, 120 |
| BAYHTRNW35A | 34.88 kW Heater 575/3 Phase | TWE 090, 120 |

### Table LAH-3-B — 12½ - 20 Ton Electric Heater Selection

| Model Number | Description | Used With |
|---|---|---|
| BAYHTRP310A | 7.75/10.0 kW Heater 208/240/3 Phase | TWE 150, 180, 240, 300 |
| BAYHTRP320A | 14.96/19.92 kW Heater 208/240/3 Phase | TWE 150, 180, 240, 300 |
| BAYHTRP330A | 22.50/29.92 kW Heater 208/240/3 Phase | TWE 150, 180, 240, 300 |
| BAYHTRP350A | 37.42/49.84 kW Heater 208/240/3 Phase | TWE 150, 180, 240, 300 |
| BAYHTRP410A | 10.0 kW Heater 460/3 Phase | TWE 150①, 180, 240, 300 |
| BAYHTRP420A | 19.92 kW Heater 460/3 Phase | TWE 150①, 180, 240, 300 |
| BAYHTRP430A | 29.92 kW Heater 460/3 Phase | TWE 150①, 180, 240, 300 |
| BAYHTRP450A | 49.84 kW Heater 460/3 Phase | TWE 150, 180, 240, 300 |
| BAYHTRPW10A | 10.0 kW Heater 575/3 Phase | TWE 150, 180, 240, 300 |
| BAYHTRPW20A | 19.92 kW Heater 575/3 Phase | TWE 150, 180, 240, 300 |
| BAYHTRPW30A | 29.92 kW Heater 575/3 Phase | TWE 150, 180, 240, 300 |
| BAYHTRPW50A | 49.84 kW Heater 575/3 Phase | TWE 150, 180, 240, 300 |

① 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 |
|---|---|---|
| **Subbase** | | |
| BAYBASE009 | Vertical Air Handler Subbase | TWE060 |
| BAYBASE010 | Vertical Air Handler Subbase | TWE072, 090 |
| BAYBASE011 | Vertical Air Handler Subbase | TWE120 |
| BAYBASE012 | Vertical Air Handler Subbase | TWE150, 180 |
| BAYBASE013 | Vertical Air Handler Subbase | TWE240, 300 |
| **Grille** | | |
| BAYGRLE001 | Return Air Grille | TWE060 |
| BAYGRLE002 | Return Air Grille | TWE072, 090 |
| BAYGRLE003 | Return Air Grille | TWE120 |
| BAYGRLE004 | Return Air Grille | TWE150, 180 |
| BAYGRLE005 | Return Air Grille | TWE240, 300 |
| **High Static Motor** | | |
| BAYHSMT104 | .5HP (230/1) w/ 1VL44 motor sheave w/ AK54 fan sheave w/ A44 belt | TWE06041 |
| BAYHSMT105 | .5HP (230-460/3) w/ 1VL44 motor sheave w/ AK54 fan sheave w/ A44 belt | TWE06043 |
| BAYHSMT106 | .5HP (575/3) w/ 1VL44 motor sheave w/ AK54 fan sheave w/ A44 belt | TWE0604W |
| BAYHSMT107 | HP (230/1) w/ 1VL44 motor sheave w/ AK66 fan sheave w/ A50 belt | TWE09041 |
| BAYHSMT108 | HP (230/460/3) w/ 1VL44 motor sheave w/ AK66 fan sheave w/ A50 belt | TWE07243, TWE09043 |
| BAYHSMT109 | HP (575/3) w/ 1VL44 motor sheave w/ AK66 fan sheave w/ A50 belt | TWE0724W, TWE0904W |
| BAYHSMT110 | HP (230/460/3) w/ 1VP44 motor sheave w/ AK54 fan sheave w/ AX48 belt | TWE07243, TWE09043 |
| BAYHSMT111 | HP (575/3) w/ 1VP44 motor sheave w/ AK54 fan sheave w/ AX48 belt | TWE0724W, TWE0904W |
| BAYHSMT112 | HP (230/460/3) w/ 1VP44L motor sheave w/ AK74 fan sheave w/ A51 belt | TWE12043 |
| BAYHSMT113 | HP (575/3) w/ 1VP44L motor sheave w/ AK74 fan sheave w/ A51 belt | TWE1204W |
| BAYHSMT114 | HP (230/460/3) w/ 1VP44L motor sheave w/ BK72 fan sheave w/ A51 belt | TWE15043 |
| BAYHSMT115 | HP (575/3) w/ 1VP44L motor sheave w/ BK72 fan sheave w/ A51 belt | TWE1504W |
| BAYHSMT116 | HP (230/3) w/ 1VP50L motor sheave w/ BK72 fan sheave w/ BX55 belt | TWE15043 |
| BAYHSMT117 | HP (460/3) w/ 1VP50L motor sheave w/ BK72 fan sheave w/ BX55 belt | TWE15044 |
| BAYHSMT118 | HP (575/3) w/ 1VP50L motor sheave w/ BK72 fan sheave w/ BX55 belt | TWE1504W |
| BAYHSMT119 | HP (230/3) w/ 1VP50L motor sheave w/ BK85 fan sheave w/ BX58 belt | TWE18043 |
| BAYHSMT120 | HP (460/3) w/ 1VP50L motor sheave w/ BK85 fan sheave w/ BX58 belt | TWE18044 |
| BAYHSMT121 | HP (575/3) w/ 1VP50L motor sheave w/ BK85 fan sheave w/ BX58 belt | TWE1804W |
| BAYHSMT122 | .5 HP (230/460/3) w/ 1VP60 motor sheave w/ BK90 fan sheave w/ BX60 belt | TWE24043/4 |
| BAYHSMT123 | .5 HP (575/3) w/ 1VP60 motor sheave w/ BK90 fan sheave w/ BX60 belt | TWE2404W |
| **Isolators** | | |
| BAYISLT004①②③④ | 34 Rubber Isolator Floor (blue) | TWE060-120 |
| BAYISLT009①②③ | 3 Rubber Isolator Floor (red) | TWE150, 180 |
| BAYISLT010①②③ | 3 Rubber Isolator Floor (green) | TWE240, 300 |
| BAYISLT012③ | Rubber Isolator Suspended (red/green) | TWE150, 180 |
| BAYISLT013③④ | Rubber Suspended (red/green) | TWE060 |
| BAYISLT014③④ | Rubber Suspended (green) | TWE090 |
| BAYISLT015③④ | Rubber Suspended (green/black) | TWE120 |
| BAYISLT016③ | Rubber Suspended (red/green) | TWE240, 300 |
| BAYISLT019①②③ | Steel Spring Isolator Floor (red) | TWE060-120 |
| BAYISLT021①②③ | Steel Spring Isolator Floor (black) | TWE150, 180 |
| BAYISLT032①②③ | Steel Spring Isolator Floor (black/yellow) | TWE240 |
| BAYISLT028③ | Steel Spring Isolator Suspended (tan) | TWE060 |
| BAYISLT029③ | Steel Spring Isolator Suspended (red) | TWE072, 090, 120 |
| BAYISLT030③ | Steel Spring Isolator Suspended (black) | TWE150, 180 |
| BAYISLT031③ | Steel Spring Isolator Suspended (black/yellow) | TWE240 300 |
| **Low Static Drive Kit** | | |
| BAYLSMT001 | Low Static Drive Kit | TWE240 |

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 |
|---|---|---|
| **Plenum** | | |
| BAYPLNM015② | Discharge Plenum & Grille | TWE060 |
| BAYPLNM016② | Discharge Plenum & Grille | TWE072, 090 |
| BAYPLNM017② | Discharge Plenum & Grille | TWE120 |
| BAYPLNM018② | Discharge Plenum/Hydronic Coil Plenum & Grille | TWE150, 180 |
| BAYPLNM019② | Discharge Plenum/Hydronic Coil Plenum & Grille | TWE240, 300 |
| BAYPLNM020② | Hydronic Coil Discharge Plenum & Grille | TWE060 |
| BAYPLNM021② | Hydronic Coil Discharge Plenum & Grille | TWE072 090 |
| BAYPLNM022② | Hydronic Coil Discharge Plenum & Grille | TWE120 |
| BAYPLNM030② | Hydronic Coil Discharge Plenum & Grille | TWE060 |
| BAYPLNM031② | Hydronic Coil Discharge Plenum & Grille | TWE072, 090 |
| BAYPLNM032② | Hydronic Coil Discharge Plenum & Grille | TWE120 |
| BAYPLNM033② | Hydronic Coil Discharge Plenum & Grille | TWE150, 180 |
| BAYPLNM034② | Hydronic Coil Discharge Plenum & Grille | TWE240, 300 |
| **Transformer** | | |
| BAYTFMR011① | 75va transformer (230V) | TWE07243, TWE09043, TWE12043 |
| BAYTFMR012① | 75va transformer | TWE0724W, TWE09044/W, TWE12044/W |
| BAYTFMR013① | 75va transformer | TWE0904K, TWE1204K |
| **Water Kits** | | |
| BAYWATR022② | Steam Coil Enclosure | TWE060 |
| BAYWATR023② | Steam Coil Enclosure | TWE072, 090 |
| BAYWATR024② | Steam Coil Enclosure | TWE120 |
| BAYWATR025② | Steam Coil Enclosure | TWE150, 180 |
| BAYWATR026② | Steam Coil Enclosure | TWE240, 300 |
| BAYWATR027② | Hot Water Coil Enclosure | TWE060 |
| BAYWATR028② | Hot Water Coil Enclosure | TWE072, 090 |
| BAYWATR029② | Hot Water Coil Enclosure | TWE120 |
| BAYWATR030② | Hot Water Coil Enclosure | TWE150, 180 |
| BAYWATR031② | Hot Water Coil Enclosure | TWE240, 300 |
| **Wire Kit** | | |
| BAYWRKT002③ | 180 Blower Discharge Reversal Kit | TWE060 thru 120 |

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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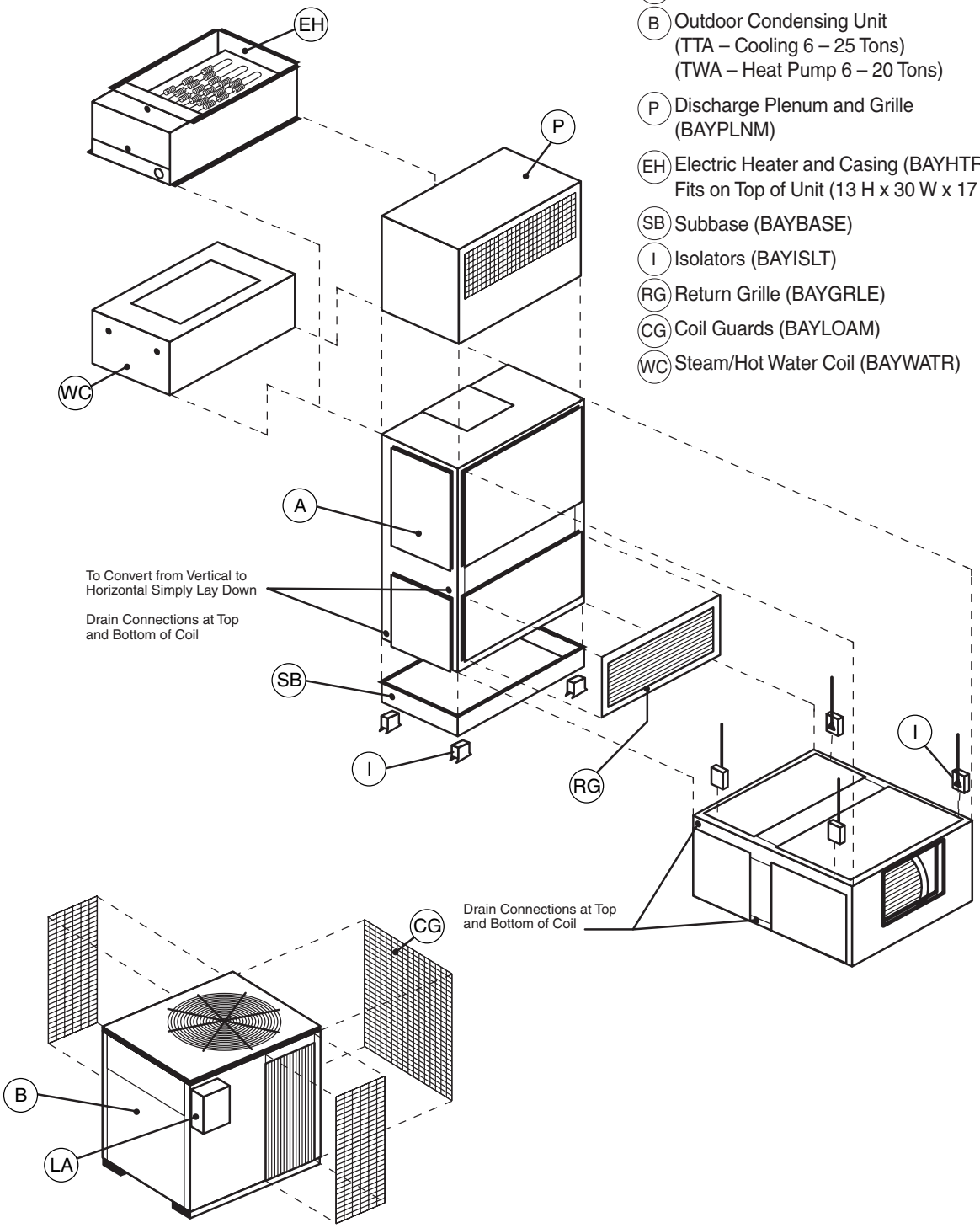
# Split System Air Handlers 5-25 Tons



**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)




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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# Non-Programmable Comfort Controls for ReliaTel™ Units

ASYSTAT095A

**ASYSTAT095A**

- 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**

PHASED OUT

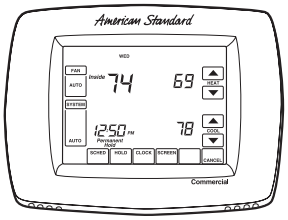
# Programmable Comfort Controls for ReliaTel™ Units

ASYSTAT090A

**ASYSTAT090A**

- 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 (±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**

PHASED OUT




ASYSTAT092A

**ASYSTAT092A**

- 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 (±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**

PHASED OUT



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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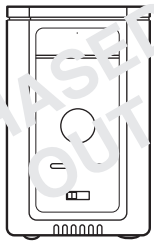
# Programmable Comfort Controls for ReliaTel™ Units



ASYSTAT800A

PHASED OUT

PHASED OUT

**ASYSTAT800A**

- Wall mounted remote space sensor
- For use with ASYSTAT090A, ASYSTAT092A, and ASYSTAT093A programmable thermostats



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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# 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

**ASYSTAT106A**
**Manual Changeover**

- 4 wires required.
- Single Setpoint for 3-25 Tons Electric/Electric and Gas/Electric Systems
- Can be used with Remote Sensor (ASYSTAT669)

**ASYSTAT107A**
**Manual Changeover**

- 4-6 wires required.
- Single Setpoint for W- Heat Pump Systems (3-20 Tons)
- Can be used with Remote Sensor (ASYSTAT669)

**ASYSTAT108A**
**Automatic Changeover**

- 5 wires required.
- Dual Setpoint for Electric/Electric and Gas Electric Systems (3-25 Tons)
- Can be used with Remote Sensor (ASYSTAT669)

**ASYSTAT109A**
**Automatic Changeover**

- 5-7 wires required.
- Dual Setpoint for W- Heat Pump Systems (3-20 Tons)
- Can be used with Remote Sensor (ASYSTAT669)

**ASYSTAT709A/707A**
**LCD Digital**
**Display Zone Sensor**

PHASE OUT

- 3-7 wires required.
- Non-Programmable Zone Sensor with a digital display
- ASYSTAT709A - Cool/Gas
- ASYSTAT707A - 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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# Electronic Programmable Zone Sensors For ReliaTel™ Units

### ASYSTAT777A

- **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 (ASYSTAT669)
- Finish: Pantone Cool Gray #2C
- Replacement: SEN-0415
- Installation: 18-HD60D29
- Source: Clarksville

# Integrated Comfort™ Systems Sensors For ReliaTel™ Units

### ASYSTAT669

- **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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# Packaged Cooling Convertible 3-10 Tons

Beveled Top
Smoother Design
Small compact cabinet
Recessed access handles

## 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
- Crankcase Heaters
- 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 3-5T. 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)
- Frostat
- 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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# 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** |
|---|---|---|---|---|---|---|---|---|---|
| **THC - 208-230/3/60 - Three Phase - No Heat** | | | | | | | | | |
| 3 | THC037E3R0A0000 | 17.5 | 36,500 | 36 x 44 x 69 | 18 x 15.5 | 24 x 14 | 614 | 24 | 30 |
| 4 | THC047E3R0A0000 | 17.5 | 50,500 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 787 | 30 | 40 |
| 5 | THC067E3R0A0000 | 17.2 | 60,000 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 841 | 33 | 45 |
| **THC - 460/3/60 - Three Phase - No Heat** | | | | | | | | | |
| 3 | THC037E4R0A0000 | 17.5 | 36,500 | 36 x 44 x 69 | 18 x 15.5 | 24 x 14 | 614 | 12 | 15 |
| 4 | THC047E4R0A0000 | 17.5 | 50,500 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 787 | 14 | 20 |
| 5 | THC067E4R0A0000 | 17.2 | 60,000 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 841 | 16 | 20 |

**Table LPC-2-B — Base Unit — 15 SEER High Efficiency — R-410A — Electromechanical or ReliaTel™**

| Tons | Unit Ordering No. | Performance② SEER | Cooling Capacity (Btuh) | Cabinet Dimensions (in.) H x W x L | Downflow Supply | Downflow Return | Shipping Weight (lbs.) | MCA** | Max① Fuse** |
|---|---|---|---|---|---|---|---|---|---|
| **THC – 208/3/60 – Three Phase – No Heat** | | | | | | | | | |
| 3 | THC036E3*0A0000 | 15.0 | 37,600 | 36 x 44 x 69 | 18 x 15.5 | 24 x 14 | 555 | 21 | 30 |
| 4 | THC048E3*0A0000 | 15.0 | 49,930 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 637 | 26 | 35 |
| 5 | THC060E3*0A0000 | 15.0 | 61,000 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 869 | 30 | 45 |
| **THC – 460/3/60 – Three Phase – No Heat** | | | | | | | | | |
| 3 | THC036E4*0A0000 | 15.0 | 37,600 | 36 x 44 x 69 | 18 x 15.5 | 24 x 14 | 555 | 12 | 15 |
| 4 | THC048E4*0A0000 | 15.0 | 49,930 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 637 | 13 | 15 |
| 5 | THC060E4*0A0000 | 15.0 | 61,000 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 869 | 14 | 20 |

**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** |
|---|---|---|---|---|---|---|---|---|---|
| **TSC - 208-230/3/60 - Three Phase - No Heat** | | | | | | | | | |
| 3 | TSC036G3*0A0000 | 14.0 | 37,000 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 537 | 20 | 30 |
| 4 | TSC048G3*0A0000 | 14.0 | 49,000 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 557 | 26 | 35 |
| 5 | TSC060G3*0A0000 | 14.0 | 60,000 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 603 | 40 | 40 |
| **TSC - 460/3/60 - Three Phase - No Heat** | | | | | | | | | |
| 3 | TSC036G4*0A0000 | 14.0 | 37,000 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 537 | 10 | 15 |
| 4 | TSC048G4*0A0000 | 14.0 | 49,000 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 557 | 11 | 15 |
| 5 | TSC060G4*0A0000 | 14.0 | 60,000 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 603 | 13 | 15 |
| **TSC - 575/3/60 - Three Phase - No Heat** | | | | | | | | | |
| 3 | TSC036GW*0A0000 | 14.0 | 37,000 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 537 | 8 | 15 |
| 4 | TSC048GW*0A0000 | 14.0 | 49,000 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 557 | 24 | 25 |
| 5 | TSC060GW*0A0000 | 14.0 | 60,000 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 603 | 10 | 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.

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# Packaged Cooling Convertible 6-10 Tons, R-410A

**Table LPC-3-A — Precedent™ 17 Plus — R-410A — ReliaTel™ Controls Only**

| Tons | Unit Ordering No. | Performance IEER | Cooling Capacity (Btuh) | Cabinet Dimensions (in.) H x W x L | Downflow Supply | Downflow Return | Shipping Weight (lbs.) | MCA** | Max① Fuse** |
|---|---|---|---|---|---|---|---|---|---|
| **THC – 208-230/3/60 – Three Phase High Efficiency** | | | | | | | | | |
| 6 | THC072F3*0A0000 | 14.5 | 72,000 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 997 | 31 | 45 |
| 6 | THC074F3*0A0000 | 15.5 | 73,000 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 1016 | 37 | 50 |
| 7½ | THC092F3*0A0000 | 14.5 | 92,000 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 1124 | 42 | 50 |
| 8½ | THC102F3*0A0000 | 14.7 | 104,000 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 1124 | 42 | 50 |
| 10 | THC120F3*0A0000 | 14.7 | 116,000 | 51 x 63 x 100 | 33 x 17.5 | 32 x 17.5 | 1326 | 48 | 60 |
| **THC – 460/3/60 – Three Phase** | | | | | | | | | |
| 6 | THC072F4*0A0000 | 14.5 | 72,000 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 997 | 15 | 20 |
| 6 | THC074F4*0A0000 | 15.5 | 73,000 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 1016 | 18 | 20 |
| 7½ | THC092F4*0A0000 | 14.5 | 92,000 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 1124 | 20 | 25 |
| 8½ | THC102F4*0A0000 | 14.7 | 104,000 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 1124 | 21 | 25 |
| 10 | THC120F4*0A0000 | 14.7 | 116,000 | 51 x 63 x 100 | 33 x 17.5 | 32 x 17.5 | 1326 | 22 | 25 |

**Table LPC-3-B — Base Unit — Standard Efficiency — R-410A — Electromechanical or ReliaTel™**

| Tons | Unit Ordering No. | Performance IEER | Cooling Capacity (Btuh) | Cabinet Dimensions (in.) H x W x L | Downflow Supply | Downflow Return | Shipping Weight (lbs.) | MCA** | Max Fuse** |
|---|---|---|---|---|---|---|---|---|---|
| **TSC – 208-230/3/60 – Three Phase – No Heat** | | | | | | | | | |
| 6 | TSC072H3*0A0000 | 12.9 | 75,000 | 41 x 53 x 88 | 33 x 17.5 | 32.13 x 17.5 | 898 | 35 | 50 |
| 7½ | TSC090H3*0A0000 | 12.9 | 92,500 | 41 x 53 x 88 | 33 x 17.5 | 32.13 x 17.5 | 815 | 38 | 60 |
| 7½ | TSC092H3*0A0000 | 12.9 | 94,800 | 47 x 53 x 88 | 33 x 17.5 | 32.13 x 17.5 | 1009 | 39 | 50 |
| 8½ | TSC102H3*0A0000 | 12.9 | 107,200 | 47 x 53 x 88 | 33 x 17.5 | 32.13 x 17.5 | 1048 | 44 | 50 |
| 10 | TSC120H3*0A0000 | 12.9 | 116,000 | 47 x 53 x 88 | 33 x 17.5 | 32.13 x 17.5 | 1058 | 49 | 60 |
| **TSC – 460/3/60 – Three Phase – No Heat** | | | | | | | | | |
| 6 | TSC072H4*0A0000 | 12.9 | 75,000 | 41 x 53 x 88 | 33 x 17.5 | 32.13 x 17.5 | 898 | 17 | 25 |
| 7½ | TSC090H4*0A0000 | 12.9 | 92,500 | 41 x 53 x 88 | 33 x 17.5 | 32.13 x 17.5 | 815 | 19 | 30 |
| 7½ | TSC092H4*0A0000 | 12.9 | 94,800 | 47 x 53 x 88 | 33 x 17.5 | 32.13 x 17.5 | 1009 | 18 | 20 |
| 8½ | TSC102H4*0A0000 | 12.9 | 107,200 | 47 x 53 x 88 | 33 x 17.5 | 32.13 x 17.5 | 1048 | 21 | 25 |
| 10 | TSC120H4*0A0000 | 12.9 | 116,000 | 47 x 53 x 88 | 33 x 17.5 | 32.13 x 17.5 | 1058 | 22 | 25 |
| **TSC – 575/3/60 – Three Phase – No Heat** | | | | | | | | | |
| 6 | TSC072HW*0A0000 | 12.9 | 75,000 | 41 x 53 x 88 | 33 x 17.5 | 32.13 x 17.5 | 898 | 13 | 20 |
| 7½ | TSC090HW*0A0000 | 12.9 | 92,500 | 41 x 53 x 88 | 33 x 17.5 | 32.13 x 17.5 | 815 | 15 | 20 |
| 7½ | TSC092HW*0A0000 | 12.9 | 94,800 | 47 x 53 x 88 | 33 x 17.5 | 32.13 x 17.5 | 1009 | 15 | 20 |
| 8½ | TSC102HW*0A0000 | 12.9 | 107,200 | 47 x 53 x 88 | 33 x 17.5 | 32.13 x 17.5 | 1048 | 16 | 20 |
| 10 | TSC120HW*0A0000 | 12.9 | 116,000 | 47 x 53 x 88 | 33 x 17.5 | 32.13 x 17.5 | 1058 | 22 | 25 |

① HACR breaker per NEC.¡

* Digit 9-E=Electromechanical or R=ReliaTel™.

** Information subject to change. Please confirm with current product catalog Or IOM 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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BUILT TO A HIGHER STANDARD®

American Standard®

HEATING & AIR CONDITIONING

# Packaged Cooling Convertible 3-10 Tons (Model Digit Numbers)

| Digit | Description | Order Number |
|---|---|---|
| 1-8 | **Main Assembly (see previous page)** | |
| 9 | **Unit Controls** | |
| | Electro-Mechanical | E |
| | **ReliaTel™** Micro-processor | R |
| 10 | **(See Heater Table below)** | |
| 11 | **Minor Design Sequence** | |
| | First Sequence | A |
| 12-13 | **Service Sequence** | |
| | First Sequence (Factory Supplied) | *,* |
| 14 | **Fresh Air Selection** | |
| | No Fresh Air | 0 |
| | 0-50% Manual Outside Air Damper⑩ | A |
| | 0-50% Motorized Outside Air Damper | B |
| | 0-100% Economizer, Dry Bulb without Barometric Relief ② | C |
| | 0-100% Economizer, Dry Bulb with Barometric Relief② | D |
| | 0-100% Economizer, Reference Enthalpy without Barometric Relief①② | E |
| | 0-100%Economizer, Reference Enthalpy with Barometric Relief①② | F |
| | 0-100%Economizer, Comparative Enthalpy without Barometric Relief ①② | G |
| | 0-100%Economizer, Comparative Enthalpy with Barometric Relief ①② | H |
| | Low Leak Economizer, Dry Bulb with Barometric Relief | K |
| | Low Leak Economizer, Comparative Enthalpy with Barometric Relief | M |
| | Low Leak Economizer, Reference Enthalpy with Barometric Relief | P |
| 15 | **Supply Fan/Drive Type/Motor** | |
| | Standard Drive | 0 |
| | Oversized Motor | 1 |
| | Optional Belt Drive Motor (3 phase only) | 2 |
| | Single Zone VAV | 6 |
| | Multi-Speed Indoor Fan | 7 |
| | VAV Supply Air Temperature Control Standard Motor | E |
| 16 | **Hinged Service Access & Filters** | |
| | Standard Panels & Filters | 0 |
| | Hinged Access Panels & Standard Filters | A |
| | Standard Panels & 2" Pleated Filters MERV 8 | B |
| | Hinged Access Panels & 2" Pleated Filters MERV 8 | C |
| | Standard Panels/2" MERV 13 Filters | D |
| | Hinged Access Panels/2" MERV 13 Filters | E |
| 17 | **Condenser Coil Protection** | |
| | Standard Coil | 0 |
| | Standard Coil with Hail Guard | 1 |
| | Black Epoxy Pre-Coated Condenser Coil | 2 |
| | Black Epoxy Pre-Coated Condenser Coil with Hail Guard | 3 |
| | Complete Coat™ Condenser Coil | 4 |
| | Complete Coat™ Condenser Coil with Hail Guard | 5 |
| 18 | **Through the Base Provisions** | |
| | No Through the Base Provisions | 0 |
| | Through the Base Electric⑪ | A |
| 19 | **Disconnect/Circuit Breaker /Phase Monitor (3 phase only)** | |
| | No Disconnect/ Circuit Breaker | 0 |
| | Unit Mounted Non-Fused Disconnect⑪ | 1 |
| | Unit Mounted Circuit Breaker⑪ | 2 |
| 20 | **Convenience Outlet** | |
| | No Convenience Outlet | 0 |
| | Unpowered Convenience Outlet | A |
| | Powered Convenience Outlet (3 phase only)③ | B |
| 21 | **Communications Options⑫** | |
| | No Communications Interface | 0 |
| | Comm 3/4 Communications Interface | 1 |
| | BACnet™ Communications Interface | 6 |
| 22 | **Refrigeration System Option** | |
| | Standard Refrigeration System | 0 |
| | Dehumidification (Hot Gas Reheat Coil)㉗ | B |
| 23 | **Refrigeration Controls** | |
| | ***Note:*** *Applicable to Digit 7 = E,F* | |
| | No Refrigeration Control | 0 |
| | Frostat④ | 1 |
| | Crankcase Heater | 2 |
| | Frostat and Crankcase Heater | 3 |
| 24 | **Smoke Detector⑤⑫** | |
| | No Smoke Detector | 0 |
| | Return Air Smoke Detector⑥⑦ | A |
| | Supply Air Smoke Detector | B |
| | Supply and Return Air Smoke Detectors⑥⑦ | C |
| | Plenum Smoke Detector | D |
| 25 | **Monitoring Controls⑫** | |
| | No Monitoring Control⑧ | 0 |
| | Clogged Filter Switch⑧ | 1 |
| | Fan Failure Switch⑧ | 2 |
| | Discharge Air Sensing Tube⑧ | 3 |
| | Clogged Filter Switch and Fan Fail Switch⑧ | 4 |
| | Clogged Filter Switch and Discharge Air Sensing Tube⑧ | 5 |
| | Fan Fail Switch and Discharge Air Sensing Tube⑧ | 6 |
| | Clogged Filter and Fan Fail Switches and Discharge Air Sensing Tube⑧ | 7 |
| | Condensate Drain Pan Overflow Switch | A |
| | Clogged Filter Switch⑧ and Condensate Drain Pan Overflow Switch | B |
| | Fan Failure Switch⑧ and Condensate Drain Pan Overflow Switch | C |
| | Discharge Air Sensing⑧ and Condensate Drain Pan Overflow Switch | D |
| | Clogged Filter Switch⑧, Fan Failure Switch⑧ and Condensate Drain Pan Overflow Switch | E |
| | Clogged Filter Switch⑧, Discharge Air Sensing Tube⑧ and Condensate Drain Pan Overflow Switch | F |
| | Fan Failure Switch, Discharge Air SensingTube⑧ and Condensate Drain Pan Overflow Switch | G |
| | Clogged Filter Switch⑧, Fan Failure Switch⑧, Discharge Air Sensing⑧ and Condensate Drain Pan Overflow Switch | H |
| 26 | **System Monitoring Controls** | |
| | No Monitoring Controls | 0 |
| | Demand Control Ventilation ($CO_2$)⑭⑮ | A |
| 27 | **Unit Hardware Enhancements** | |
| | No Enhancements | 0 |
| | Stainless Steel Drain Pan | 1 |
| 31 | **Advanced Unit Controls** | |
| | Standard Unit Controls | 0 |
| | 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 Frostat 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 ZoneVAV 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 Frostat 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 $C0_2$ 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)

**Heaters (Digit 10)**

| kW Rating | Digit | Nominal BTUH | No. Stages | Used With | kW Rating | Digit | Nominal BTUH | No. Stages | Used With |
|---|---|---|---|---|---|---|---|---|---|
| **208/240/3/60** | | | | | **460/3/60** | | | | |
| 4.5/6.0 | (B) | 13,400/20,500 | 1 | T*C036-060*3 | 6.0 | (B) | 20,500 | 1 | T*C036-060*4 |
| 9.0/12.0 | (E) | 30,800/59,400 | 2 | T*C036-060*3 | 12.0 | (E) | 41,000 | 2 | T*C036-060*4 |
| 13.1/17.4 | (G) | 44,600/59,400 | 2 | T*C036-060*3 | 17.4 | (G) | 59,400 | 2 | T*C036-060*4 |
| 17.2/23.0 | (J) | 58,900/78,500 | 2 | T*C060*3 | 23.0 | (J) | 78,500 | 2 | T*C060*4 |
| 6.75/9.0 | (C) | 23,000/30,700 | 1 | T*C072-102*3 | 9.0 | (C) | 30,700 | 1 | T*C072-102,*4 |
| 13.5/18.0 | (G) | 46,100/61,400 | 1 | T*C072-120*3 | 18.0 | (G) | 61,400 | 1 | T*C072-120*4 |
| 20.3/27.0 | (K) | 69,000/92,100 | 2 | T*C072-120*3 | 27.0 | (K) | 92,100 | 2 | T*C072-120*4 |
| 27.0/36.0 | (N) | 92,200/122,900 | 2 | T*C072-120*3 | 36.0 | (N) | 122,900 | 2 | T*C072-120*4 |
| 40.5/54.0 | (P) | 138,200/184,300 | 2 | T*C120*3 | 54.0 | (P) | 184,300 | 2 | T*C120*4 |
| | | | | | **575/3/60** | | | | |
| | | | | | 6.0 | (B) | 20,500 | 1 | TSC036-060*W |
| | | | | | 12.0 | (E) | 41,000 | 2 | TSC036-060*W |
| | | | | | 17.4 | (G) | 59,400 | 2 | TSC036-060*W |
| | | | | | 23.0 | (J) | 78,500 | 2 | T*C060*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 |

**Digit 15 Selection Details**

**Digit 15 = 0**

**Standard Efficiency**
3 Phase (3 to 5 Ton) = Multispeed Direct Drive Motor
3 Phase (6 to 8.5 Ton) = Belt Drive
3 Phase (10 Ton) = Ultra High Efficiency Direct Drive Plenum Fan

**High Efficiency**
3 Phase (3 to 5 ton) = High Efficiency Multispeed Direct Drive Motor
3 Phase (3 to 5 ton w/Dehumidification) = Belt Drive Motor
3 Phase [6 (074) to 10 ton] = Ultra High Efficiency Direct Drive Plenum Fan

**Digit 15 = 2**

**Standard Efficiency**
3 Phase = Not Available

**High Efficiency**
1 Phase = Not Available

# 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 |
|---|---|---|---|---|---|
| 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 |
| | | | | | |
| 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 |

# 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 |
| 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 |
| 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 |
| 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 |

# 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 |

# Packaged Cooling Convertible 3-10 Tons Accessories

**Table LPC-9-A — Accessories**

| Model Number | Description | Used With |
|---|---|---|
| BAYABRD001C | **ReliaTel™** Options Module | All Precedents (ReliaTel™) See Note⑤ |
| BAYASCT001 | Anti-Short-Cycle Timer | All Precedents (Electro Mechanical) |
| BAYBARM010A④ | Barometric Relief | THC036-060*, THC036E, THC037 |
| BAYBARM011A④ | Barometric Relief | TSC072-102*, THC092F, TSC120F, THC048*-120* |
| BAYBCIR001A | Bacnet™ Communication Interface | ReliaTel™ Controller (BCI-R) |
| BAYCO2K001B③⑧ | $CO_2$ Sensor Kit, Wall Mounted | All CV AND MZVAV |
| BAYCO2K003B③⑧ | $CO_2$ Sensor Kit, Duct Mounted | All CV AND MZVAV |
| BAYCO2K101* | Wall Mounted | All Precedent 2 Speed and SZVAV |
| BAYCO2K103* | Duct Mounted | All Precedent 2 Speed and SZVAV |
| 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™) |
| BAYECON086B⑥ | 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™) |
| BAYECON088B⑥ | 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™) |
| BAYFRST003A③⑥ | High Temperature Stat | All Precedents |

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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# Packaged Cooling Convertible 3-10 Tons Accessories

## 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 |
| BAYGARD437A | Condenser Coil Hail Guard | WSC036-048H, WHC036H, DHC036H |
| BAYGARD240A | Condenser Coil Hail Guard | WSC060-072H, WHC048-060, DHC048-060H |
| BAYGARD241A | Condenser Coil Hail Guard | WSC090-120H, WHC074-102H, DHC074-102H |
| BAYGARD270A | Condenser Coil Hail Guard | DHC120H, WHC120H |
| 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 |
| BAYICSI003A③⑧ | Trane Communications Interface (TCI) | All Precedents (ReliaTel™) |
| BAYLMSW001A0 | Power Exhaust Limit Switch | All Precedents |
| BAYLOAM020B①③④ | 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 Precedents (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 |
| BAYQACB009A②⑤ | Quick Adapt Roof Curb | TSC036-060, THC036, THC037 |
| BAYQACB010A②⑤ | Quick Adapt Roof Curb | TSC036-060, THC036, THC037 |
| BAYQACB011A②⑦ | Quick Adapt Roof Curb | TSC072-120, THC047-102 |
| BAYQACB012A②⑦ | Quick Adapt Roof Curb | TSC072-120, THC047-102 |
| BAYQACB013A②⑦ | Quick Adapt Roof Curb | TSC072-120, THC047-102 |
| BAYQACB114A②⑬ | Quick Adapt Roof Curb | TSC072-120H, THC048-102H |
| BAYQACB115A②⑭ | Quick Adapt Roof Curb | TSC072-120H, THC048-102H |
| BAYRTEM001A⑪ | Fully Featured **ReliaTel™** Economizer Logic Model | All Precedents |
| BAYSTAT023③ | Remote Potentiometer | All Precedents |
| BAYSERV001A③ | Selective Resistance Service Tester | All Precedents |
| BAYSENS016A③ | Temperature Sensor | All Precedents |
| BAYSENS250A③⑫ | CO2 Duct Mounted, Sensor Only | All Precedents (ReliaTel™) |
| BAYSENS251A③⑫ | CO2 Wall Mounted, Sensor Only | All Precedents (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 |
| BAYVNOR001B③④⑨ | Ventilation Override Kit w/**ReliaTel™** options module | All Precedents |

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.
⑬ Precedent E cabinet to Precedent D cabinet (BAYCURB044 to BAYCURB043)
⑭ Precedent B cabinet to Precedent C cabinet (BAYCURB042 to BAYCURB043)



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, 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 Sensor① | All |
| BAYMTPL110A | Retrofit Wall Cover Plate Kit 7.25" x 6.0" | ASYSTAT111A |

① 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 |

# ReliaTel™ Controls

## Packaged Unit Protection/Operation Timings and Features

**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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# Packaged Cooling with ReliaTel™ Controls 12½-25 Tons, R-410A

**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 (Btuh) | Dimensions (in.) H x W x L | Shipping Weight (lbs.) | MCA② | Max Fuse Size or Max Circuit Breaker① | Downflow③ Roofcurb |
|---|---|---|---|---|---|---|---|---|---|
| 12½ | TH*150G3R0B0000 | 208-230/3/60 | 13.5 | 144,000 | 54 x 85 5/16 x 122 5/16 | 2514 | 65 | 90 | BAYCURB027B |
| 15 | TH*180G3R0B0000 | 208-230/3/60 | 14.0 | 174,000 | 64 1/8 x 85 5/16 x 122 5/16 | 2482 | 68 | 90 | BAYCURB027B |
| 17½ | TH*210G3R0B0000 | 208-230/3/60 | 13.0 | 204,000 | 64 1/8 x 85 5/16 x 122 5/16 | 2443 | 86 | 110 | BAYCURB027B |
| 20 | TH*240G3R0B0000 | 208-230/3/60 | 12.4 | 234,000 | 64 1/8 x 85 5/16 x 122 5/16 | 2513 | 99 | 125 | BAYCURB027B |
| 25 | TH*300G3R0B0000 | 208-230/3/60 | 12.4 | 274,000 | 64 1/8 x 85 5/16 x 122 5/16 | 2514 | 121 | 150 | BAYCURB027B |
| 12½ | TH*150G4R0B0000 | 460/3/60 | 13.5 | 144,000 | 54 x 85 5/16 x 122 5/16 | 2514 | 30 | 40 | BAYCURB027B |
| 15 | TH*180G4R0B0000 | 460/3/60 | 14.0 | 174,000 | 64 1/8 x 85 5/16 x 122 5/16 | 2482 | 33 | 45 | BAYCURB027B |
| 17½ | TH*210G4R0B0000 | 460/3/60 | 13.0 | 204,000 | 64 1/8 x 85 5/16 x 122 5/16 | 2443 | 43 | 60 | BAYCURB027B |
| 20 | TH*240G4R0B0000 | 460/3/60 | 12.4 | 234,000 | 64 1/8 x 85 5/16 x 122 5/16 | 2513 | 46 | 60 | BAYCURB027B |
| 25 | TH*300G4R0B0000 | 460/3/60 | 12.4 | 274,000 | 64 1/8 x 85 5/16 x 122 5/16 | 2514 | 57 | 70 | BAYCURB027B |
| 12½ | TH*150GWR0B0000 | 575/3/60 | 13.5 | 144,000 | 54 x 85 5/16 x 122 5/16 | 2514 | 24 | 30 | BAYCURB027B |
| 15 | TH*180GWR0B0000 | 575/3/60 | 14.0 | 174,000 | 64 1/8 x 85 5/16 x 122 5/16 | 2482 | 26 | 35 | BAYCURB027B |
| 17½ | TH*210GWR0B0000 | 575/3/60 | 13.0 | 204,000 | 64 1/8 x 85 5/16 x 122 5/16 | 2443 | 33 | 45 | BAYCURB027B |
| 20 | TH*240GWR0B0000 | 575/3/60 | 12.4 | 234,000 | 64 1/8 x 85 5/16 x 122 5/16 | 2513 | 38 | 50 | BAYCURB027B |
| 25 | TH*300GWR0B0000 | 575/3/60 | 12.4 | 274,000 | 64 1/8 x 85 5/16 x 122 5/16 | 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 (Btuh) | Dimensions (in.) H x W x L | Shipping Weight (lbs.) | MCA② | Max Fuse Size or Max Circuit Breaker① | Downflow③ Roofcurb |
|---|---|---|---|---|---|---|---|---|---|
| 12½ | TS*150G3R0A0000 | 208-230/3/60 | 12.2 | 140,000 | 50 1/8 x 71 5/8 x 107 5/16 | 1781 | 64 | 80 | BAYCURB026B |
| 15 | TS*180G3R0A0000 | 208-230/3/60 | 12.2 | 176,000 | 54 x 85 5/16 x 122 5/16 | 2281 | 75 | 100 | BAYCURB027B |
| 17½ | TS*210G3R0A0000 | 208-230/3/60 | 12.2 | 193,000 | 54 x 85 5/16 x 122 5/16 | 2292 | 93 | 125 | BAYCURB027B |
| 20 | TS*240G3R0A0000 | 208-230/3/60 | 11.4 | 240,000 | 54 x 85 5/16 x 122 5/16 | 2353 | 108 | 125 | BAYCURB027B |
| 25 | TS*300G3R0A0000 | 208-230/3/60 | 11.4 | 272,000 | 54 x 85 5/16 x 122 5/16 | 2337 | 124 | 150 | BAYCURB027B |
| 12½ | TS*150G4R0A0000 | 460/3/60 | 12.2 | 140,000 | 50 1/8 x 71 5/8 x 107 5/16 | 1781 | 31 | 40 | BAYCURB026B |
| 15 | TS*180G4R0A0000 | 460/3/60 | 12.2 | 176,000 | 54 x 85 5/16 x 122 5/16 | 2281 | 28 | 50 | BAYCURB027B |
| 17½ | TS*210G4R0A0000 | 460/3/60 | 12.2 | 193,000 | 54 x 85 5/16 x 122 5/16 | 2292 | 44 | 60 | BAYCURB027B |
| 20 | TS*240G4R0A0000 | 460/3/60 | 11.4 | 240,000 | 54 x 85 5/16 x 122 5/16 | 2353 | 52 | 70 | BAYCURB027B |
| 25 | TS*300G4R0A0000 | 460/3/60 | 11.4 | 272,000 | 54 x 85 5/16 x 122 5/16 | 2337 | 59 | 70 | BAYCURB027B |
| 12½ | TS*150GWR0A0000 | 575/3/60 | 12.2 | 140,000 | 50 1/8 x 71 5/8 x 107 5/16 | 1781 | 23 | 30 | BAYCURB026B |
| 15 | TS*180GWR0A0000 | 575/3/60 | 12.2 | 176,000 | 54 x 85 5/16 x 122 5/16 | 2281 | 31 | 40 | BAYCURB027B |
| 17½ | TS*210GWR0A0000 | 575/3/60 | 12.2 | 193,000 | 54 x 85 5/16 x 122 5/16 | 2292 | 35 | 50 | BAYCURB027B |
| 20 | TS*240GWR0A0000 | 575/3/60 | 11.4 | 240,000 | 54 x 85 5/16 x 122 5/16 | 2353 | 44 | 60 | BAYCURB027B |
| 25 | TS*300GWR0A0000 | 575/3/60 | 11.4 | 272,000 | 54 x 85 5/16 x 122 5/16 | 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.



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# Packaged Cooling with ReliaTel™ Controls 12½-25 Tons (Model Digit Numbers)

| Digit | Description | Order Number |
|---|---|---|
| 1 | **Unit Type** | |
| | Packaged Cooling, Electric Heat | T |
| | Packaged Gas/Electric | Y |
| 2 | **Efficiency** | |
| | Standard Efficiency | S |
| | High Efficiency | H |
| 3 | **Airflow Configuration** | |
| | Downflow | D |
| | Horizontal | H |
| 4-6 | **Nominal Gross Cooling Capacity (MBh)** | |
| | 12½ Tons | 150 |
| | 15 Tons | 180 |
| | 17½ Tons | 210 |
| | 20 Tons | 240 |
| | 25 Tons | 300 |
| 7 | **Major Design Sequence** | |
| | Microchannel Type Condenser Coils | F |
| 8 | **Voltage Selection** | |
| | 208-230/60/3 | 3 |
| | 460/60/3 | 4 |
| | 575/60/3 | W |
| | 380/60/3 | K |
| 9 | **Unit Controls** | |
| | ReliaTel™ | R |
| 10 | **Heating Capacity** | |
| | No Heat② | 0 |
| | 18 kW Electric Heat② | G |
| | 27 kW Electric Heat② | K |
| | 36 kW Electric Heat② | N |
| | 54 kW Electric Heat② | P |
| | 72 kW Electric Heat② | R |
| | Gas Heat - High① | H |
| | Gas Heat - Low① | L |
| | Gas Heat - SS Ht Ex - Modulating① | V |
| | Gas Heat - SS Ht Ex - Low① | X |
| | Gas Heat - SS Ht Ex - High① | Z |
| 11 | **Minor Design Sequence** | |
| 12-13 | **Service Sequence** | |
| 14 | **Fresh Air Selection** | |
| | No Fresh Air | 0 |
| | Econ Dry Bulb w/ Barometric Relief | D |
| | Econ Reference Enthalpy w/Barometric Relief | F |
| | Econ Comparative Enthalpy w/Barometric Relief | H |
| | Low Leak Economizer, Dry Bulb with Barometric Relief | K |
| | Low Leak Economizer, Comparative Enthalpy with Barometric Relief | M |
| | Low Leak Economizer, Reference Enthalpy with Barometric Relief | P |
| 15 | **Supply Fan/Drive Type/Motor** | |
| | Standard Motor | 0 |
| | Oversized Motor | 1 |
| | High Efficiency Motor | 3 |
| | Single Zone Variable Air Volume Standard Motor | 6 |
| | Multi-Speed Standard Motor | 7 |
| | Single Zone Variable Air Volume Oversized Motor | 8 |
| | Multi-Speed Oversized Motor | 9 |
| | Single Zone Variable Air Volume Standard Motor w/Shaft Ground Ring | A |
| | Multi-Speed Standard Motor w/Shaft Ground Ring | B |
| | Single Zone Variable Air Volume Oversized Motor w/Shaft Ground Ring | C |
| | Multi-Speed Oversized Motor w/Shaft Ground Ring | D |
| 16 | **Hinged Service Access / Filters** | |
| | Standard Panels/Standard Filters | 0 |
| | Hinged Access/Standard Filters | A |
| | Standard Panels/MERV 8 Filters | B |
| | Hinged Access/MERV 8 Filters | C |
| | Standard Panels/MERV 13 Filters | D |
| | Hinged Access/MERV 13 Filters | E |
| 17 | **Condenser Coil Protection** | |
| | Standard Coil | 0 |
| | Standard Coil With Hail Guard | 1 |
| | CompleteCoat™ Condenser Coil | 4 |
| | CompleteCoat™ Condenser Coil with Hail Guard | 5 |
| 18 | **Through The Base Provisions**. | |
| | 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 |
| 19 | **Disconnect Switch/Circuit Breaker** | |
| | No Disconnect/circuit break | 0 |
| | Unit Mounted Non-Fused Disconnect Switch | 1 |
| | Unit Mounted Circuit Breaker | 2 |
| 20 | **Convenience Outlet Option** | |
| | Without Convenience Outlet | 0 |
| | Unpowered Convenience Outlet | A |
| | Powered Convenience Outlet | B |
| 21 | **Communications Options** | |
| | Without Communications Options | 0 |
| | Novar 2024 Controls Interface④ | 3 |
| | Novar 3051 Controls Interface④ | 4 |
| | Novar 3051 Communications Interface with Demand Control Ventilation④ | 5 |
| | Building Automation Control Network Communications Interface | 6 |
| 22 | **Refrigeration System Option** | |
| | Standard refrigeration system | 0 |
| | Thermal Expansion Valve (TXV) | A |
| | Dehumidification (Hot Gas Reheat) | B |
| 23 | **Refrigeration Controls** | |
| | Without Refrigeration Controls | 0 |
| | Frostat | 1 |
| 24 | **Smoke Detector** | |
| | Without Smoke Detector | 0 |
| | Return Air Smoke Detector | A |
| | Supply Air Smoke Detector | B |
| | Return/Supply Air Smoke Detector | C |
| | Plenum Smoke Detector | D |
| 25 | **System Monitoring Controls** | |
| | No Monitoring Controls | 0 |
| | Clogged Filter Switch | 1 |
| | Fan Failure Switch | 2 |
| | Discharge Air Sensing | 3 |
| | Clogged Filter Switch and Fan Failure switch | 4 |
| | Clogged Filter Switch and Discharge Air Sensing | 5 |
| | Fan Failure Switch and Discharge Air Sensing | 6 |
| | Clogged Filter Switch, Fan Failure Switch and Discharge Air Sensing | 7 |
| | NOVAR Return Air Sensor (Novar 2024)④ | 8 |
| | NOVAR Zone Temp Sensor(Novar 3051)④ | 9 |
| | Condensate Drain Pan Overflow Switch | A |
| | Clogged Filter Switch and Condensate Drain Pan Overflow Switch | B |
| | Fan Failure Switch and Condensate Drain Pan Overflow Switch | C |
| | Discharge Air Sensing and Condensate Drain Pan Overflow Switch | D |
| | Clogged Filter Switch, Fan Failure Switch and Condensate Drain Pan Overflow Switch | E |
| | Clogged Filter Switch, Discharge Air Sensing Tube and Condensate Drain Pan Overflow Switch | F |
| | Fan Failure Switch, Discharge Air Sensing Tube and Condensate Drain Pan Overflow Switch | G |
| | Clogged Filter Switch, Fan Failure Switch, Discharge Air Sensing and Condensate Drain Pan Overflow Switch | H |
| 26 | **System Monitoring Controls** | |
| | No Monitoring Controls | 0 |
| | Demand Control Ventilation ($CO_2$)⑤ | A |
| | Fault Detection and Diagnostics (FDD) | B |
| | Fault Detection and Diagnostics (FDD) with Demand Control Ventilation | C |
| 27 | **Unit Hardware Enhancements** | |
| | No Enhancements | 0 |
| | Stainless Steel Drain Pan | 1 |
| 28 | **Short Circuit Current Rating (SCCR)** | |
| | Standard SCCR | 0 |
| | 65 kA SCCR | A |
| 31 | **Advanced Unit Controls** | |
| | Standard Unit Controls | 0 |
| | Human Interface | 1 |

**Note:** *Most Factory Installed Options available for Downflow Air Discharge units only. Please verify with ordering system for availability.*

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.*
⑥ Novar is not available with SZ VAV products.
⑦ Demand Control Ventilation Option includes wiring only. The $C0_2$ sensor is a field-installed only option.

**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) |
| BAYSENS924A① | Title 24 Zone Sensor | All |
| BAYMTPL110A | Retrofit Wall Cover Plate Kit 7.25" x 6.0" | ASYSTAT777A |

① Must be used with ReliaTel™ Control and BCI Communications Interface

# 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 FIOPS section of this book.**

| Model Number | Description | Used With |
|---|---|---|
| BAYBCIR001A | BACnet™ Communication Interface | All Voyagers |
| BAYABRD002⑧ | **ReliaTel™** Options Module | All Voyagers |
| BAYCO2K002B⑨ | $CO_2$ Sensor Wall Mounted | All Voyagers w/Economizers |
| BAYCO2K004B⑨ | $CO_2$ Sensor Duct Mounted | All Voyagers w/Economizers |
| BAYCURB026B⑤⑥ | Downflow Roof Curb (Can not be adapted for horizontal use) | TSD150G |
| BAYCURB027B⑤⑥ | Downflow Roof Curb (Can not be adapted for horizontal use) | THD150G-300G, TSD180-300G |
| BAYDFPS005A⑦⑨ | Clogged Filter Switch (MERV 7) | All Voyagers |
| BAYDFPS006A⑦⑨ | 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 | TSD150G |
| BAYDMPR058A | 0-50% Motorized Outside Air Damper | TSD151G-300G, TSD180G-300G |
| BAYECON089A⑧ | Downflow Economizer with Barometric Relief | TSD150G |
| BAYECON090A⑧ | Downflow Economizer with Barometric Relief | TSD151G-300G, TSD180G-300G |
| BAYECON091A | Horizontal Economizer | TSH150G |
| BAYECON092A | Horizontal Economizer | TSH151G-300G, TSF180G-300G |
| BAYECON700A | Downflow Low Leak Economizer | TSD150G |
| BAYECON701A | Downflow Low Leak Economizer | TSD180G-300G, THD150G, THD180-300G |
| BAYENTH007A①② | Reference Enthalpy Kit | All BAYECON089-92A |
| BAYENTH008A①③ | Comparative Enthalpy Kit | All BAYECON089-92A |
| BAYFRST003A | High Temperature Stat | All Voyagers |
| BAYGARD144A⑧ | Tool-less Hail Guard | TS*150G |
| BAYGARD145A⑧ | Tool-less Hail Guard | TH*150G, TS*210G, TS*240G, TS*300G |
| BAYGARD150A | Tool-less Hail Guard | TH*180G, TH*210G, TH*240G, TH*300G |
| BAYHSDR005B④ | High Static Drive | TS*150G, TH*150G, TH*180G |
| BAYHSDR010A④ | High Static Drive | TH*210G, TH*240G, TS*300G |
| BAYHSDR011A④ | High Static Drive | TS*210G, TS*240G, TH*300G |
| BAYHSDR016A | High Static Drive | TS*180G |

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.

# Packaged Cooling with ReliaTel™ Controls 12½-25 Tons Accessories

**Table LPC-18-A — Field Installed Accessories**

| Model Number | Description | Used With |
|---|---|---|
| BAYHSMT039B①⑥ | 5HP Oversized Motor Kit (208-230/460V) | TS*150G |
| BAYHSMT040B①⑥ | 5HP Oversized Motor Kit (575V) | TS*150G |
| BAYHSMT055B①⑥ | 5HP Oversized Motor Kit (208-230/460V) | TS*180G |
| BAYHSMT042A①⑥ | 7-1/2HP Oversized Motor Kit (575V) | TS*210G, TH*210G, TS*240G, TH*240G |
| BAYHSMT072A①⑥ | 7-1/2HP Oversized Motor Kit (575V) | TS*180G, TH*180G |
| BAYHSMT098A①⑥ | 7-1/2HP Oversized Motor Kit (208-230V) | TH*210G, TH*240G |
| BAYHSMT099A①⑥ | 7-1/2HP Oversized Motor Kit (460V) | TH*210G, TH*240G |
| BAYLOAM023A⑥ | Evaporator Defrost Control Frostat | TS*150G, TH*150G TS*180G TS*210G, TS*240G, TS*300G |
| BAYLOAM031A | Evaporator Defrost Control Frostat | TH*180G, TH*210G, TH*240G, TH*300G |
| BAYLSDR004A② | Low Static Drive | TS*150G, TS*180G, TS*210G TH*210G, TH*240G, TS*240G |
| BAYLSDR002A② | Low Static Drive | TH*150G, TH*180G, TH*300G |
| 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 | TSD150G-180G, THD150G-180G |
| AYDHTRK336A | 208-230/3/60 | 27.0/36.0 | 92,200/122,900 | 2 | TSD150G-180G, THD150G-180G |
| AYDHTRK354A | 208-230/3/60 | 40.5/54.0 | 138,200/184,300 | 2 | TSD150G-180G, THD150G-180G |
| | | | | | |
| AYDHTRL418A | 460/3/60 | 18.0 | 61,400 | 1 | TSD150G-180G, THD150G-180G |
| AYDHTRK427A | 460/3/60 | 27.0 | 92,150 | 2 | THD180G |
| AYDHTRK436A | 460/3/60 | 36.0 | 122,900 | 2 | TSD150G-180G, THD150G-180G |
| AYDHTRK454A | 460/3/60 | 54.0 | 184,300 | 2 | TSD150G-180G, THD150G-180G |
| | | | | | |
| AYDHTRL336A | 208-230/3/60 | 27.0/36.0 | 92,200/122,900 | 2 | TSD210G-300G, THD210-300G |
| AYDHTRL354A | 208-230/3/60 | 40.5/54.0 | 138,200/184,300 | 2 | TSD210G-300G, THD210-300G |
| AYDHTRK372A | 208-230/3/60 | 54.0/72.0 | 184,300/245,700 | 2 | TSD210G-300G, THD210-300G |
| | | | | | |
| AYDHTRL427A | 460/3/60 | 27.0 | 92,150 | 2 | THD210G, THD240-300G |
| AYDHTRL436A | 460/3/60 | 36.0 | 122,900 | 2 | TSD210G-300G, THD210-300G |
| AYDHTRL454A | 460/3/60 | 54.0 | 184,300 | 2 | TSD210G-300G, THD210-300G |
| AYDHTRK472A | 460/3/60 | 72.0 | 245,700 | 2 | TSD210G-300G, THD210-300G |

**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 | TSH150G, TSH180G |
| AYHHTRP336A | 208-230/3/60 | 27.0/36.0 | 92,200/122,900 | 2 | TSH150G, TSH180G |
| AYHHTRP354A | 208-230/3/60 | 40.5/54.0 | 138,200/184,300 | 2 | TSH150G, TSH180G |
| | | | | | |
| AYHHTRN418A | 460/3/60 | 18.0 | 61,400 | 1 | TSH150G, TSH180G |
| AYHHTRP436A | 460/3/60 | 36.0 | 122,900 | 2 | TSH150G, TSH180G |
| AYHHTRP454A | 460/3/60 | 54.0 | 184,300 | 2 | TSH150G, TSH180G |
| | | | | | |
| AYHHTRN336A | 208-230/3/60 | 27.0/36.0 | 92,200/122,900 | 2 | TSH210-300G, THH210-300G |
| AYHHTRN354A | 208-230/3/60 | 40.5/54.0 | 138,200/184,300 | 2 | TSH210-300G, THH210-300G |
| AYHHTRN372A | 208-230/3/60 | 54.0/72.0 | 184,300/245,700 | 2 | TSH210-300G, THH210-300G |
| | | | | | |
| AYHHTRN436A | 460/3/60 | 36.0 | 122,900 | 2 | TSH210-300G, THH210-300G |
| AYHHTRN454A | 460/3/60 | 54.0 | 184,300 | 2 | TSH210-300G, THH210-300G |
| AYHHTRN472A | 460/3/60 | 72.0 | 245,700 | 2 | TSH210-300G, THH210-300G |
| | | | | | |
| AYHHTRM318A | 208-230/3/60 | 13.5/18.0 | 46,100/61,400 | 1 | THH150G, THH180G |
| AYHHTRM336A | 208-230/3/60 | 27.0/36.0 | 92,200/122,900 | 2 | THH150G, THH180G |
| AYHHTRM354A | 208-230/3/60 | 40.5/54.0 | 138,200/184,300 | 2 | THH150G, THH180G |
| | | | | | |
| AYHHTRM418A | 460/3/60 | 18.0 | 61,400 | 1 | THH150G, THH180G |
| AYHHTRM436A | 460/3/60 | 36.0 | 122,900 | 2 | THH150G, THH180G |
| AYHHTRM454A | 460/3/60 | 54.0 | 184,300 | 2 | THH150G, THH180G |

Note: Unit with heater is single circuit/single point.

# 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 | TSD210-300G, THD210-300G |
| | | | | | |
| AYDHTRKW18A | 575/3/60 | 18.0 | 61,400 | 1 | TSD150-180G, THD150-180G |
| AYDHTRKW54A | 575/3/60 | 54.0 | 184,300 | 2 | TSD150-180G, THD150-180G |
| AYDHTRKW72A | 575/3/60 | 72.0 | 245,700 | 2 | TSD210-300G, THD210-300G |
| | | | | | |
| AYDHTRMW36A | 575/3/60 | 36.0 | 122,900 | 2 | TSD150-300G, THD150-300G |

**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 | THH150G, THH180G |
| AYHHTRMW36A | 575/3/60 | 36.0 | 122,900 | 2 | TSH210G-300G, TSH150G-300G |
| AYHHTRMW54A | 575/3/60 | 54.0 | 184,300 | 2 | THH150G, THH180G |
| | | | | | |
| AYHHTRNW18A | 575/3/60 | 18.0 | 61,400 | 1 | TSH150G, TSH180G |
| AYHHTRNW54A | 575/3/60 | 54.0 | 184,300 | 2 | TSH210G-300G, THH210G-300G |
| AYHHTRNW72A | 575/3/60 | 72.0 | 245,700 | 2 | TSH210G-300G, THH210G-300G |
| AYHHTRPW36A | 575/3/60 | 36.0 | 122,900 | 2 | TSH150G, TSH180G |
| AYHHTRPW54A | 575/3/60 | 54.0 | 184,300 | 2 | TSH150G, TSH180G |

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.**

BUILT TO A HIGHER STANDARD®

American Standard®

HEATING & AIR CONDITIONING

# 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 Roofcurb① |
|---|---|---|---|---|---|---|---|---|---|
| | | | | **GBC - Three Phase No Heat** | | | | | |
| 3 | EBC036A3E0B0000 | 208-230/3/60 | 14.0 | 36,000 | $42^5/_8$ x 48 x $76^7/_8$ | 523 | 19.5 | 25 | BAYCURB320A |
| 4 | EBC048A3E0B0000 | 208-230/3/60 | 14.0 | 48,000 | $42^5/_8$ x 48 x $76^7/_8$ | 566 | 23.6 | 35 | BAYCURB320A |
| 5 | EBC060A3E0B0000 | 208-230/3/60 | 14.0 | 57,500 | $42^5/_8$ x 48 x $76^7/_8$ | 586 | 26.4 | 40 | BAYCURB320A |
| 3 | EBC036A4E0B0000 | 460/3/60 | 14.0 | 36,000 | $42^5/_8$ x 48 x $76^7/_8$ | 523 | 10.5 | 15 | BAYCURB320A |
| 4 | EBC048A4E0B0000 | 460/3/60 | 14.0 | 48,000 | $42^5/_8$ x 48 x $76^7/_8$ | 566 | 11 | 15 | BAYCURB320A |
| 5 | EBC060A4E0B0000 | 460/3/60 | 14.0 | 57,500 | $42^5/_8$ x 48 x $76^7/_8$ | 586 | 12.9 | 20 | BAYCURB320A |
| 3 | EBC036AWE0B0000 | 575/3/60 | 14.0 | 36,000 | $42^5/_8$ x 48 x $76^7/_8$ | 523 | 6.8 | 15 | BAYCURB320A |
| 4 | EBC048AWE0B0000 | 575/3/60 | 14.0 | 48,000 | $42^5/_8$ x 48 x $76^7/_8$ | 566 | 8.1 | 15 | BAYCURB320A |
| 5 | EBC060AWE0B0000 | 575/3/60 | 14.0 | 57,500 | $42^5/_8$ x 48 x $76^7/_8$ | 586 | 9.2 | 15 | BAYCURB320A |

① For Downflow units only.
** Information subject to change. Please confirm with current Product Data/Service Facts for current factory production.

| Foundation 3-5 Ton EBC units replace the following Carrier units without need for a curb adapter |
|---|
| 50DJ 004-006 |
| 50GJ 006 |
| 50HC 004-006 |
| 50HE 004-006 |
| 50HJ 004-006 |
| 50KC 004-006 |
| 50LC 004-006 |
| 50LJ 004-006 |
| 50TC 004-006 |
| 50TFF 004-006 |
| 50TJ 004-006 |
| 50TM 004-006 |

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 3-5 Ton Accessories

**Table LPC-22-A — Foundation™ — Field Installed Accessories**

| Model Number | Description | Used With |
|---|---|---|
| BAYCURB320 | Roof curb | All |
| BAYGARD320 | Tool-less Hail Guard | All |
| BAYTBUE320 | Through the base - Elec. | All |
| BAYDSCF320 | Unit Mounted Disconnect- cooling only, 100 Amp | GBC, EBC No Elec Heat |
| BAYDSCF321 | Unit Mounted Disconnect - electric heat, 100 Amp | EBC w/Elec Heat |
| BAYCO2K300 | Wall Mounted CO2 Sensor | All |
| BAYCO2K301 | Duct Mounted CO2 Sensor | All |
| BAYCOSW320 | Condensate Overflow | All |
| BAYCCHT010 | CCH – 208-230V (40 W) 6.5" | E/GBC(048 & 060)A3 |
| BAYCCHT011 | CCH - 460V/572V (40W) 6.5" | E/GBC(048 & 060A)(4 & W) |
| BAYCCHT103 | CCH – 208-230V (40 W) 5.5" | E/GBC036A3 |
| BAYCCHT405 | CCH - 460V/572V (40W) 5.5" | E/GBC036A(4 & W) |
| BAYLOAM330 | Frostat | All |
| BAYLOAM340 | Low Ambient Kit | All |
| BAYASCT001 | Compressor Short Cycle Timer | All |
| BAYHSMT320 | 2 HP Oversize motor Kit (208-230/460V) | All |
| BAYHSMT321 | 2 HP Oversize motor Kit (380V) | All |
| BAYHSMT322 | 2 HP Oversize motor Kit (575V) | All |
| BAYDMPR321 | Damper, Manual 3-5T | All |
| BAYDMPR320 | Damper, Motorized 3-5T | All |
| BAYBARO320 | Barometric Relief Damper, 3-5T | All |
| BAYECON320 | Economizer, Dry Bulb, Downflow 3-5T | All |
| BAYENTH320 | Reference Enthalpy Economizer, 3-5T | All |
| BAYENTH321 | Comparative Enthalpy Economizer, 3-5T | All |
| BAYECON353② | Low Leak Economizer, Dry Bulb, Downflow W/FDD, 3-5T | All |
| BAYECON354② | 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 Exhasut, 3-5T DF, 575V | All |

① Please check availability.
② FDD = Fault Detection & Diagnostics.

# Foundation™ Packaged Cooling 3-5 Ton Heaters

**Table LPC-23-A — Foundation™ - R-410A - Field Installed Accessories**

| Model No | Power Supply | kW Rating | Nominal BTUH) | No. Stages | Used With |
|---|---|---|---|---|---|
| BAYHTFA305 | 208-230/3/60 | 3.5 / 4.7 | 12,800 / 17,100 | 1 | EBC*A3* |
| BAYHTFA307 | 208-230/3/60 | 5.6 / 7.5 | 19,200 / 25,600 | 1 | EBC*A3* |
| BAYHTFA310 | 208-230/3/60 | 7.5 / 10 | 25,700 / 34,200 | 1 | EBC*A3* |
| BAYHTFA315 | 208-230/3/60 | 10.8 / 14.4 | 38,400 / 51,200 | 1 | EBC*A3* |
| BAYHTFA320 | 208-230/3/60 | 15 / 20 | 51,300 / 68,300 | 2 | EBC048A3*, EBC060A3* |
| BAYHTFA325 | 208-230/3/60 | 18.8 / 25 | 64,100 / 85,400 | 2 | EBC060A3* |
| | | | | | |
| BAYHTFA405 | 460/3/60 | 5 | 17,100 | 1 | EBC*A4* |
| BAYHTFA407 | 460/3/60 | 7.5 | 25,600 | 1 | EBC*A4* |
| BAYHTFA410 | 460/3/60 | 10 | 34,200 | 1 | EBC*A4* |
| BAYHTFA415 | 460/3/60 | 15 | 51,200 | 1 | EBC*A4* |
| BAYHTFA420 | 460/3/60 | 20 | 68,300 | 2 | EBC048A4*, EBC060A4* |
| BAYHTFA425 | 460/3/60 | 25 | 85,400 | 2 | EBC060A4* |
| | | | | | |
| BAYHTFAW10 | 575/3/60 | 10 | 34,200 | 1 | EBC*AW* |
| BAYHTFAW15 | 575/3/60 | 15 | 51,200 | 1 | EBC*AW* |
| BAYHTFAW20 | 575/3/60 | 20 | 68,300 | 2 | EBC048AW*, EBC060AW* |
| BAYHTFAW25 | 575/3/60 | 25 | 85,400 | 2 | EBC060AW* |

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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 throwawy 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 Breaker① | Downflow Roofcurb |
|---|---|---|---|---|---|---|---|---|---|
| 15 | EBC180A3E0B0000 | 208-230/3/60 | 12.4 | 184000 | $58^5/_8$ x $86^{15}/_{16}$ x $123^1/_8$ | 2146 | 75 | 100 | BAYCURB027B |
| $17^1/_2$ | EBC210A3E0B0000 | 208-230/3/60 | 12.4 | 216000 | $58^5/_8$ x $86^{15}/_{16}$ x $123^1/_8$ | 2155 | 86 | 110 | BAYCURB027B |
| 20 | EBC240A3E0A0000 | 208-230/3/60 | 11.6 | 256000 | $58^5/_8$ x $86^{15}/_{16}$ x $123^1/_8$ | 2180 | 97 | 125 | BAYCURB027B |
| 25 | EBC300A3E0A0000 | 208-230/3/60 | 11.6 | 284000 | $58^5/_8$ x $86^{15}/_{16}$ x $123^1/_8$ | 2206 | 126 | 175 | BAYCURB027B |
| 15 | EBC180A4E0B0000 | 460/3/60 | 12.4 | 184000 | $58^5/_8$ x $86^{15}/_{16}$ x $123^1/_8$ | 2146 | 35 | 45 | BAYCURB027B |
| $17^1/_2$ | EBC210A4E0B0000 | 460/3/60 | 12.4 | 216000 | $58^5/_8$ x $86^{15}/_{16}$ x $123^1/_8$ | 2155 | 42 | 50 | BAYCURB027B |
| 20 | EBC240A4E0A0000 | 460/3/60 | 11.6 | 256000 | $58^5/_8$ x $86^{15}/_{16}$ x $123^1/_8$ | 2180 | 46 | 60 | BAYCURB027B |
| 25 | EBC300A4E0A0000 | 460/3/60 | 11.6 | 284000 | $58^5/_8$ x $86^{15}/_{16}$ x $123^1/_8$ | 2206 | 53 | 70 | BAYCURB027B |
| 15 | EBC180AWE0B0000 | 575/3/60 | 12.4 | 184000 | $58^5/_8$ x $86^{15}/_{16}$ x $123^1/_8$ | 2146 | 28 | 35 | BAYCURB027B |
| $17^1/_2$ | EBC210AWE0B0000 | 575/3/60 | 12.4 | 216000 | $58^5/_8$ x $86^{15}/_{16}$ x $123^1/_8$ | 2155 | 34 | 45 | BAYCURB027B |
| 20 | EBC240AWE0A0000 | 575/3/60 | 11.6 | 256000 | $58^5/_8$ x $86^{15}/_{16}$ x $123^1/_8$ | 2180 | 38 | 50 | BAYCURB027B |
| 25 | EBC300AWE0A0000 | 575/3/60 | 11.6 | 284000 | $58^5/_8$ x $86^{15}/_{16}$ x $123^1/_8$ | 2206 | 44 | 50 | 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 Breaker① | Downflow Roofcurb |
|---|---|---|---|---|---|---|---|---|---|
| **EBC* - Three Phase No Heat** | | | | | | | | | |
| 15 | EBC180A3E0B1DQY | 208-230/3/60 | 13.2 | 184000 | $58^5/_8$ x $86^{15}/_{16}$ x $123^1/_8$ | 2146 | 75 | 100 | BAYCURB027B |
| $17^1/_2$ | EBC210A3E0B1DQY | 208-230/3/60 | 13.2 | 216000 | $58^5/_8$ x $86^{15}/_{16}$ x $123^1/_8$ | 2155 | 86 | 110 | BAYCURB027B |
| 20 | EBC240A3E0A1DQY | 208-230/3/60 | 12.4 | 256000 | $58^5/_8$ x $86^{15}/_{16}$ x $123^1/_8$ | 2180 | 97 | 125 | BAYCURB027B |
| 25 | EBC300A3E0A1DQY | 208-230/3/60 | 12.4 | 284000 | $58^5/_8$ x $86^{15}/_{16}$ x $123^1/_8$ | 2206 | 126 | 175 | BAYCURB027B |
| 15 | EBC180A4E0B1DQY | 460/3/60 | 13.2 | 184000 | $58^5/_8$ x $86^{15}/_{16}$ x $123^1/_8$ | 2146 | 35 | 45 | BAYCURB027B |
| $17^1/_2$ | EBC210A4E0B1DQY | 460/3/60 | 13.2 | 216000 | $58^5/_8$ x $86^{15}/_{16}$ x $123^1/_8$ | 2155 | 42 | 50 | BAYCURB027B |
| 20 | EBC240A4E0A1DQY | 460/3/60 | 12.4 | 256000 | $58^5/_8$ x $86^{15}/_{16}$ x $123^1/_8$ | 2180 | 46 | 60 | BAYCURB027B |
| 25 | EBC300A4E0A1DQY | 460/3/60 | 12.4 | 284000 | $58^5/_8$ x $86^{15}/_{16}$ x $123^1/_8$ | 2206 | 53 | 70 | BAYCURB027B |
| 15 | EBC180AWE0A1DQY | 575/3/60 | 13.2 | 184000 | $58^5/_8$ x $86^{15}/_{16}$ x $123^1/_8$ | 2146 | 28 | 35 | BAYCURB027B |
| $17^1/_2$ | EBC210AWE0A1DQY | 575/3/60 | 13.2 | 216000 | $58^5/_8$ x $86^{15}/_{16}$ x $123^1/_8$ | 2155 | 34 | 45 | BAYCURB027B |
| 20 | EBC240AWE0A1DQY | 575/3/60 | 12.4 | 256000 | $58^5/_8$ x $86^{15}/_{16}$ x $123^1/_8$ | 2180 | 38 | 50 | BAYCURB027B |
| 25 | EBC300AWE0A1DQY | 575/3/60 | 12.4 | 284000 | $58^5/_8$ x $86^{15}/_{16}$ x $123^1/_8$ | 2206 | 44 | 50 | BAYCURB027B |

① 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.



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# Foundation™ Packaged Cooling 15-25 Tons Accessories

**Table LPC-25-A — Foundation™ - R-410A - Field Installed Accessories**

| Model Number | Description | Used With |
|---|---|---|
| BAYTBUE300 | Through the Base Electrical Connections | All Foundation 15-25 Ton Units |
| BAYDSCF300 | Unit Mounted Disconnect, 100 Amp<br>Not for use when electric heat installed | EBC180A4* - EBC300A4*, EBC180AW* - EBC300AW* |
| BAYDSCF301 | Unit Mounted Disconnect, 150 Amp<br>Not for use when electric heat installed | EBC180A3* - EBC300A3* |
| BBAYDSCF302 | Unit Mounted Disconnect, 100 Amp | BAYHTFA318A, BAYHTFA418A, BAYHTFAW18A, BAYHTFA436A, BAYHTFA454A, BAYHTFBW36A, BAYHTFAW54A, BAYHTFBW54A, BAYHTFBW72A, BAYHTFAW72A |
| BAYDSCF303 | Unit Mounted Disconnect, 150 Amp | BAYHTFA472A, BAYHTF4372A, BAYHTFA336A, BAYHTFB336A, BAYHTFB454A |
| BAYDSCF304 | Unit Mounted Disconnect, 250 Amp | BAYHTFA372A, BAYHTFB372A, BAYHTFA354A, BAYHTFAW36A |
| BAYDMPR301 | Damper, Manual | EBC180A* - EBC300A* |
| BAYDMPR300 | Damper, Motorized | EBC180A* - EBC300A* |
| BAYECON300 | Economizer, Dry Bulb, Downflow | EBC180A* - EBC300A* |
| BAYECON301 | Economizer, Dry Bulb, Horizontal | EBC180A* - EBC300A* |
| BAYECON350③ | Low Leak Economizer w/FDD, Dry Bulb, Downflow | EBC180A* - EBC300A* |
| BAYECON351 | Low Leak Economizer w/FDD, Dry Bulb, Horizontal | EBC180A* - EBC300A* |
| BAYHZCN300 | Horizontal Economizer Conversion Kit | EBC180A* - EBC300A* |
| BAYBARO300 | Barometric Relief Damper, 15-25T | EBC180A* - EBC300A* |
| BAYENTH300 | Reference Enthalpy Economizer Kit | EBC180A* - EBC300A* |
| BAYENTH301 | Comparative Enthalpy Economizer Kit | EBC180A* - EBC300A* |
| BAYENTH302③ | Reference Enthalpy Economizer Kit | EBC180A* - EBC300A* w/Low Leak Economizer & FDD |
| BAYENTH303③ | Comparative Enthalpy Economizer Kit | EBC180A* - EBC300A* w/Low Leak Economizer & FDD |
| BAYCURB027 | Roof Curb | EBC180A* - EBC300A* |
| BAYHZRT001 | Horizontal Duct Conversion Kit | EBC180A* - EBC300A* |
| BAYCARR001 | Carrier Replacement Conversion Kit | EBC180A* - EBC300A* |
| BAYGARD300 | Condenser Hail Guard | EBC180A* - EBC300A* |
| BAYCCHT300 | Crankcase Heater, 70W, 230V | EBC180A3* - EBC300A3* |
| BAYCCHT301 | Crankcase Heater, 70W, 460V | EBC180A4* - EBC300A4* |
| BAYCCHT302 | Crankcase Heater, 70W, 575V | EBC180AW* - EBC300AW* |
| BAYASCT001 | Compressor Short Cycle Timer | EBC180A* - EBC300A* |
| BAYLOAM300 | Low Ambient Control | EBC180A* - EBC300A* |
| BAYLOAM310 | Evaporator Defrost Control | EBC180A* - EBC300A* |
| BAYPWRX300① | Power Exhaust, 15-25T, DF, 230V | EBC180A3* - EBC300A3* |
| BAYPWRX301① | Power Exhaust, 15-25T, DF, 460V | EBC180A4* - EBC300A4* |
| BAYPWRX302① | Power Exhaust, 15-25T, DF, 575V | EBC180AW* - EBC300AW* |
| BAYHSMT300 | High Static Motor & Drv, 5HP 230/460V | EBC180A3, EBC180A4 |
| BAYHSMT301 | High Static Motor & Drv, 5HP 575V | EBC1 80AW |
| BAYHSMT302 | High Static Motor & Drv, 7.5HP 230/460V | EBC210A3, EBC240A3 |
| BAYHSMT303 | High Static Motor & Drv, 7.5HP 460V | EBC210A4, EBC240A4 |
| BAYHSMT304 | High Static Motor & Drv, 7.5HP 575V | EBC210AW, EBC240AW |
| BAYSHGR003② | Shaft Grounding Ring, 0.875" Shaft | Used With 5HP VFD Motors |
| BAYSHGR002② | Shaft Grounding Ring, 1.125" Shaft | Used With 7.5HP VFD Motors |
| BAYLSDR300 | Low Static Drive Option | EBC180A* - EBC300A* |
| BAYHSDR300 | High Static Drive Option | EBC180A* - EBC300A* |
| BAYCO2K300 | Wall Mounted CO2 Sensor | EBC180A* - EBC300A* with economizer |
| BAYCO2K301 | Duct Mounted CO2 Sensor | EBC180A* - EBC300A* with economizer |
| BAYPALT001 | Reuseable Pallet for Condenser End Unit Lifting | All Foundation 15-25 Ton Units |
| BAYCOSW300 | Drain Pan Overflow Switch | EBC180A* - EBC300A* |
| BAYSTAT300 | BACNet Enabled Thermostat | EBC180A* - EBC300A* |

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.



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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# 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 |
|---|---|---|---|---|---|
| BAYHTFB318A | 208-230/3/60 | 13.5/18 | 46,100/64,400 | 1 | EBC180A3 |
| BAYHTFC336A | 208-230/3/60 | 27/36 | 92,200/122,900 | 2 | EBC180A3, EBC210A3 |
| BAYHTFC354A | 208-230/3/60 | 27/36 | 92,200/122,900 | 2 | EBC180A3, EBC210A3 |
| BAYHTFC372A | 208-230/3/60 | 40.5/54 | 138,200/184,300 | 2 | EBC210A3 |
| BAYHTFD336A | 208-230/3/60 | 40.5/54 | 138,200/184,300 | 2 | EBC240A3, EBC300A3 |
| BAYHTFD354A | 208-230/3/60 | 54/72 | 184,300/245,700 | 2 | EBC240A3, EBC300A3 |
| BAYHTFD372A | 208-230/3/60 | 54/72 | 184,300/245,700 | 2 | EBC240A3, EBC300A3 |
| | | | | | |
| BAYHTFB418A | 460/3/60 | 18 | 64000 | 1 | EBC180A4 |
| BAYHTFC436A | 460/3/60 | 36 | 122900 | 2 | EBC180A4, EBC210A4 |
| BAYHTFC454A | 460/3/60 | 36 | 122900 | 2 | EBC180A4, EBC210A4 |
| BAYHTFC472A | 460/3/60 | 54 | 184300 | 2 | EBC210A4 |
| BAYHTFD436A | 460/3/60 | 54 | 184300 | 2 | EBC240A4, EBC300A4 |
| BAYHTFD454A | 460/3/60 | 72 | 245700 | 2 | EBC240A4, EBC300A4 |
| BAYHTFD472A | 460/3/60 | 72 | 245700 | 2 | EBC240A4, EBC300A4 |
| | | | | | |
| BAYHTFBW18A | 575/3/60 | 18 | 64000 | 1 | EBC180AW |
| BAYHTFCW36A | 575/3/60 | 36 | 122900 | 2 | EBC180AW, EBC210AW |
| BAYHTFCW54A | 575/3/60 | 36 | 122900 | 2 | EBC180AW, EBC210AW |
| BAYHTFCW72A | 575/3/60 | 54 | 184300 | 2 | EBC210AW |
| BAYHTFDW36A | 575/3/60 | 54 | 184300 | 2 | EBC240AW, EBC300AW |
| BAYHTFDW54A | 575/3/60 | 72 | 245700 | 2 | EBC240AW, EBC300AW |
| BAYHTFDW72A | 575/3/60 | 72 | 245700 | 2 | EBC240AW, EBC300AW |

Information subject to change. Please confirm with current Product Data for current factory production.

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# Packaged Heat Pump Convertible 3-10 Tons

Beveled Top
Smoother Design
Small compact cabinet
Recessed access handles

## 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
- Crankcase Heaters
- 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
- Frostat
- 2" MERV 8 filters or 2" MERV 13 filters
- Black Epoxy Pre-Coated Coils
- 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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# Packaged Heat Pump Convertible 3-5 Tons

### Table LPH-2-A — High Efficiency Unit — ReliaTel™ Microprocessor Controls

| Tons | Unit Ordering No. | Performance② SEER/HSPF | Cooling Capacity (Btuh) | Cabinet Dimensions (in.) H x D x W | Downflow Supply | Downflow Return | Shipping Weight (lbs.) | MCA* | Max① Fuse* |
|---|---|---|---|---|---|---|---|---|---|
| **WHC - 208-230/3/60 - Three Phase - No Electric Heat** | | | | | | | | | |
| 3 | WHC036H3R0B0000 | 15.8 / 8.3 | 40,500 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 619 | 23 | 30 |
| 4 | WHC048H3R0A0000 | 16.5 / 8.8 | 48,750 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 768 | 29 | 40 |
| 5 | WHC060H3R0A0000 | 16.4 / 9.0 | 61,000 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 773 | 32 | 45 |
| **WHC - 460/3/60 - Three Phase - No Electric Heat** | | | | | | | | | |
| 3 | WHC036H3R0B0000 | 15.7 / 8.3 | 40,500 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 619 | 13 | 15 |
| 4 | WHC048H3R0A0000 | 16.5 / 8.8 | 48,750 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 768 | 14 | 15 |
| 5 | WHC060H3R0A0000 | 16.2 / 9.0 | 61,000 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 773 | 15 | 20 |
| **WHC - 575/3/60 - Three Phase - No Electric Heat** | | | | | | | | | |
| 3 | WHC036HWR0B0000 | 15.7 / 8.3 | 40,500 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 619 | 9 | 15 |
| 4 | WHC048HWR0A0000 | 16.5 / 8.8 | 48,750 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 768 | 10 | 15 |
| 5 | WHC060HWR0A0000 | 16.2 / 9.0 | 61,000 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 773 | 12 | 15 |

### Table LPH-2-B — High Efficiency Dual Fuel Unit — ReliaTel™ Microprocessor Controls

| Tons | Unit Ordering No. | Performance② 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* | Max① Fuse* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **DHC - 208-230/3/60 - Three Phase - Low Heat** | | | | | | | | | | | |
| 3 | DHC036H3RLB0000 | 15.7 / 8.3 | 40,500 | 48,600 / 34,200 | 81% | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 658 | 23 | 30 |
| 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 | 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 | 45 |
| **DHC - 460/3/60 - Three Phase - Low Heat** | | | | | | | | | | | |
| 3 | DHC036H3RLB0000 | 15.6 / 8.3 | 40,500 | 48,600 / 34,200 | 81% | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 658 | 13 | 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 | 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 | 20 |
| **WHC - 575/3/60 - Three Phase - Low Heat** | | | | | | | | | | | |
| 3 | DHC036HWRLB0000 | 15.6 / 8.3 | 40,500 | 48,600 / 34,200 | 81% | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 658 | 9 | 15 |
| 4 | DHC048HWRLA0000 | 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 | 15 |
| 5 | DHC060HWRLA0000 | 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 | 15 |
| **DHC - 208-230/3/60 - Three Phase - Medium Heat** | | | | | | | | | | | |
| 3 | DHC036H3RMB0000 | 15.7 / 8.3 | 40,500 | 64,800 / 45,360 | 81% | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 658 | 23 | 30 |
| 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 | 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 | 45 |
| **DHC - 460/3/60 - Three Phase - Medium Heat** | | | | | | | | | | | |
| 3 | DHC036H3RMB0000 | 15.6 / 8.3 | 40,500 | 64,800 / 45,360 | 81% | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 658 | 13 | 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 | 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 | 20 |
| **DHC - 575/3/60 - Three Phase - Medium Heat** | | | | | | | | | | | |
| 3 | DHC036HWRMB0000 | 15.6 / 8.3 | 40,500 | 64,800 / 45,360 | 81% | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 658 | 9 | 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 | 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 | 15 |
| **DHC - 208-230/3/60 - Three Phase - High Heat** | | | | | | | | | | | |
| 3 | DHC036H3RHB0000 | 15.7 / 8.3 | 40,500 | 81,000 / 56,700 | 81% | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 658 | 23 | 30 |
| 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 | 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 | 45 |
| **DHC - 460/3/60 - Three Phase - High Heat** | | | | | | | | | | | |
| 3 | DHC036H3RHB0000 | 15.6 / 8.3 | 40,500 | 81,000 / 56,700 | 81% | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 658 | 13 | 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 | 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 | 20 |
| **DHC - 575/3/60 - Three Phase - High Heat** | | | | | | | | | | | |
| 3 | DHC036HWRHB0000 | 15.6 / 8.3 | 40,500 | 81,000 / 56,700 | 81% | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 658 | 9 | 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 | 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 | 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; HSPF 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.



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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. | Performance② SEER/IEER | Cooling Capacity (Btuh) | Cabinet Dimensions (in.) H x D x W | Downflow Supply | Downflow Return | Shipping Weight (lbs.) | MCA* | Max① Fuse* |
|---|---|---|---|---|---|---|---|---|---|
| **WHC - 208-230/3/60 - Three Phase - No Electric Heat** | | | | | | | | | |
| 6 | WHC074H3R0A0000 | 15.5 | 78,900 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 927 | 42 | 50 |
| 7 1/2 | WHC092H3R0A0000 | 15.5 | 96,200 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 927 | 43 | 50 |
| 8 1/2 | WHC102H3R0A0000 | 15.5 | 105,900 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 953 | 46 | 60 |
| 10 | WHC120H3R0A0000 | 15.5 | 123,600 | 51 x 63 x 100 | 33 x 17.5 | 32 x 17.5 | 1433 | 49 | 60 |
| **WHC - 460/3/60 - Three Phase - No Electric Heat** | | | | | | | | | |
| 6 | WHC074H4R0A0000 | 15.5 | 78,900 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 927 | 19 | 25 |
| 7 1/2 | WHC092H4R0A0000 | 15.5 | 96,200 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 927 | 20 | 25 |
| 8 1/2 | WHC102H4R0A0000 | 15.5 | 105,900 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 953 | 22 | 25 |
| 10 | WHC120H4R0A0000 | 15.5 | 123,600 | 51 x 63 x 100 | 33 x 17.5 | 32 x 17.5 | 1433 | 24 | 30 |
| **WHC - 575/3/60 - Three Phase - No Electric Heat** | | | | | | | | | |
| 6 | WHC074HWR0A0000 | 15.5 | 78,900 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 927 | 21 | 25 |
| 7 1/2 | WHC092HWR0A0000 | 15.5 | 96,200 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 927 | 22 | 25 |
| 8 1/2 | WHC102HWR0A0000 | 15.5 | 105,900 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 953 | 23 | 25 |
| 10 | WHC120HWR0A0000 | 15.5 | 123,600 | 51 x 63 x 100 | 33 x 17.5 | 32 x 17.5 | 1433 | 23 | 30 |

### Table LPH-3-B — Base Unit — Standard Efficiency — ReliaTel™ Microprocessor Controls

| Tons | Unit Ordering No. | Performance② SEER/IEER | 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* | Max① Fuse* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **DHC - 208-230/3/60 - Three Phase - Low Heat** | | | | | | | | | | | |
| 6 | DHC074H3RLA0000 | 15.5 | 78,900 | 64,800 | 81% | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 990 | 42 | 50 |
| 7 1/2 | DHC092H3RLA0000 | 15.5 | 96,200 | 97,200 | 81% | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 1004 | 43 | 50 |
| 8 1/2 | DHC102H3RLA0000 | 15.5 | 105,900 | 97,200 | 81% | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 1016 | 46 | 60 |
| 10 | DHC120H3RLA0000 | 15.5 | 123,600 | 121,500/85,050 | 81% | 51 x 63 x 100 | 33 x 17.5 | 32 x 17.5 | 1499 | 49 | 60 |
| **DHC - 460/3/60 - Three Phase - Low Heat** | | | | | | | | | | | |
| 6 | DHC074H4RLA0000 | 15.5 | 78,900 | 64,800 | 81% | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 990 | 19 | 25 |
| 7 1/2 | DHC092H4RLA0000 | 15.5 | 96,200 | 97,200 | 81% | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 1004 | 20 | 25 |
| 8 1/2 | DHC102H4RLA0000 | 15.5 | 105,900 | 97,200 | 81% | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 1016 | 22 | 25 |
| 10 | DHC120H4RLA0000 | 15.5 | 123,600 | 121,500/85,050 | 81% | 51 x 63 x 100 | 33 x 17.5 | 32 x 17.5 | 1499 | 24 | 30 |
| **DHC - 575/3/60 - Three Phase - Low Heat** | | | | | | | | | | | |
| 6 | DHC074HWRLA0000 | 15.5 | 78,900 | 64,800 | 81% | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 990 | 21 | 25 |
| 7 1/2 | DHC092HWRLA0000 | 15.5 | 96,200 | 97,200 | 81% | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 1004 | 22 | 25 |
| 8 1/2 | DHC102HWRLA0000 | 15.5 | 105,900 | 97,200 | 81% | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 1016 | 23 | 25 |
| 10 | DHC120HWRLA0000 | 15.5 | 123,600 | 121,500/85,050 | 81% | 51 x 63 x 100 | 33 x 17.5 | 32 x 17.5 | 1499 | 23 | 30 |
| **DHC - 208-230/3/60 - Three Phase - Medium Heat** | | | | | | | | | | | |
| 6 | DHC074H3RMA0000 | 15.5 | 78,900 | 97,200 | 81% | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 990 | 42 | 50 |
| 7 1/2 | DHC092H3RMA0000 | 15.5 | 96,200 | 121,500/85,050 | 81% | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 1004 | 43 | 50 |
| 8 1/2 | DHC102H3RMA0000 | 15.5 | 105,900 | 121,500/85,050 | 81% | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 1016 | 46 | 60 |
| 10 | DHC120H3RMA0000 | 15.5 | 123,600 | 162,000/113,400 | 81% | 51 x 63 x 100 | 33 x 17.5 | 32 x 17.5 | 1499 | 49 | 60 |
| **DHC - 460/3/60 - Three Phase - Medium Heat** | | | | | | | | | | | |
| 6 | DHC074H4RMA0000 | 15.5 | 78,900 | 97,200 | 81% | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 990 | 19 | 25 |
| 7 1/2 | DHC092H4RMA0000 | 15.5 | 96,200 | 121,500/85,050 | 81% | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 1004 | 20 | 25 |
| 8 1/2 | DHC102H4RMA0000 | 15.5 | 105,900 | 121,500/85,050 | 81% | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 1016 | 22 | 25 |
| 10 | DHC120H4RMA0000 | 15.5 | 123,600 | 162,000/113,400 | 81% | 51 x 63 x 100 | 33 x 17.5 | 32 x 17.5 | 1499 | 24 | 30 |
| **DHC - 575/3/60 - Three Phase - Medium Heat** | | | | | | | | | | | |
| 6 | DHC074HWRMA0000 | 15.5 | 78,900 | 97,200 | 81% | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 990 | 21 | 25 |
| 7 1/2 | DHC092HWRMA0000 | 15.5 | 96,200 | 121,500/85,050 | 81% | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 1004 | 22 | 25 |
| 8 1/2 | DHC102HWRMA0000 | 15.5 | 105,900 | 121,500/85,050 | 81% | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 1016 | 23 | 25 |
| 10 | DHC120HWRMA0000 | 15.5 | 123,600 | 162,000/113,400 | 81% | 51 x 63 x 100 | 33 x 17.5 | 32 x 17.5 | 1499 | 23 | 30 |
| **DHC - 208-230/3/60 - Three Phase - High Heat** | | | | | | | | | | | |
| 6 | DHC074H3RHA0000 | 15.5 | 78,900 | 121,500/85,050 | 81% | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 990 | 42 | 50 |
| 7 1/2 | DHC092H3RHA0000 | 15.5 | 96,200 | 162,000/113,400 | 81% | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 1004 | 43 | 50 |
| 8 1/2 | DHC102H3RHA0000 | 15.5 | 105,900 | 162,000/113,400 | 81% | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 1016 | 46 | 60 |
| 10 | DHC120H3RHA0000 | 15.5 | 123,600 | 202,500/141,750 | 81% | 51 x 63 x 100 | 33 x 17.5 | 32 x 17.5 | 1499 | 49 | 60 |

① HCAR breaker per NEC.
② SEER applies, 3-5 tons; IEER 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.



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# Packaged Heat Pump Convertible 3-10 Tons

**Table LPH-4-A — Base Unit — Standard Efficiency — ReliaTel™ Microprocessor Controls *(continued)***

| Tons | Unit Ordering No. | Performance② SEER/IEER | 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* | Max① Fuse* |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **DHC - 460/3/60 - Three Phase - High Heat** | | | | | | | | | | | |
| 6 | DHC074H4RHA0000 | 15.5 | 78,900 | 121,500/85,050 | 81% | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 990 | 19 | 25 |
| 7 1/2 | DHC092H4RHA0000 | 15.5 | 96,200 | 162,000/113,400 | 81% | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 1004 | 20 | 25 |
| 8 1/2 | DHC102H4RHA0000 | 15.5 | 105,900 | 162,000/113,400 | 81% | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 1016 | 22 | 25 |
| 10 | DHC120H4RHA0000 | 15.5 | 123,600 | 202,500/141,750 | 81% | 51 x 63 x 100 | 33 x 17.5 | 32 x 17.5 | 1499 | 24 | 30 |
| **DHC - 575/3/60 - Three Phase - High Heat** | | | | | | | | | | | |
| 6 | DHC074HWRHA0000 | 15.5 | 78,900 | 121,500/85,050 | 81% | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 990 | 21 | 25 |
| 7 1/2 | DHC092HWRHA0000 | 15.5 | 96,200 | 162,000/113,400 | 81% | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 1004 | 22 | 25 |
| 8 1/2 | DHC102HWRHA0000 | 15.5 | 105,900 | 162,000/113,400 | 81% | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 1016 | 23 | 25 |
| 10 | DHC120HWRHA0000 | 15.5 | 123,600 | 202,500/141,750 | 81% | 51 x 63 x 100 | 33 x 17.5 | 32 x 17.5 | 1499 | 23 | 30 |

**Table LPH-4-B — Base Unit — Standard Efficiency — ReliaTel™ Microprocessor Controls**

| Tons | Unit Ordering No. | Performance② SEER/IEER | Cooling Capacity (Btuh) | Cabinet Dimensions (in.) H x D x W | Downflow Supply | Downflow Return | Shipping Weight (lbs.) | MCA* | Max① Fuse* |
|---|---|---|---|---|---|---|---|---|---|
| **WSC – 208-230/3/60 – Three Phase – No Electric Heat** | | | | | | | | | |
| 3 | WSC036H3R0A0000 | 14.0 | 39,500 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 612 | 26 | 40 |
| 4 | WSC048H3R0A0000 | 14.0 | 50,000 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 645 | 27 | 40 |
| 5 | WSC060H3R0A0000 | 14.0 | 61,000 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 777 | 31 | 45 |
| 6 | WSC072H3R0A0000 | 12.2 | 78,000 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 835 | 35 | 50 |
| 7 1/2 | WSC090H3R0A0000 | 12.2 | 93,500 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 902 | 38 | 60 |
| 7 1/2 | WSC092H3R0A0000 | 12.2 | 95,300 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 894 | 40 | 60 |
| 8 1/2 | WSC102H3R0A0000 | 12.2 | 103,200 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 927 | 45 | 70 |
| 10 | WSC120H3R0A0000 | 12.2 | 118,100 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 948 | 54 | 80 |
| **WSC - 460/3/60 - Three Phase – No Electric Heat** | | | | | | | | | |
| 3 | WSC036H3R0A0000 | 14.0 | 39,500 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 612 | 11 | 15 |
| 4 | WSC048H3R0A0000 | 14.0 | 50,000 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 645 | 12 | 15 |
| 5 | WSC060H3R0A0000 | 14.0 | 61,000 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 777 | 15 | 20 |
| 6 | WSC072H4R0A0000 | 12.2 | 78,000 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 835 | 17 | 25 |
| 7 1/2 | WSC090H4R0A0000 | 12.2 | 93,500 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 902 | 19 | 30 |
| 7 1/2 | WSC092H4R0A0000 | 12.2 | 95,300 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 894 | 18 | 25 |
| 8 1/2 | WSC102H4R0A0000 | 12.2 | 103,200 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 927 | 20 | 30 |
| 10 | WSC120H4R0A0000 | 12.2 | 118,100 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 948 | 24 | 35 |
| **WSC – 575/3/60 – Three Phase – No Electric Heat** | | | | | | | | | |
| 3 | WSC036HWR0A0000 | 14.0 | 39,500 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 612 | 11 | 15 |
| 4 | WSC048HWR0A0000 | 14.0 | 50,000 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 645 | 12 | 15 |
| 5 | WSC060HWR0A0000 | 14.0 | 61,000 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 777 | 13 | 15 |
| 6 | WSC072EWR0A0000 | 12.2 | 78,000 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 835 | 13 | 20 |
| 7 1/2 | WSC090HWR0A0000 | 12.2 | 93,500 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 902 | 15 | 20 |
| 7 1/2 | WSC092H4R0A0000 | 12.2 | 95,300 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 894 | 14 | 20 |
| 8 1/2 | WSC102H4R0A0000 | 12.2 | 103,200 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 927 | 16 | 20 |
| 10 | WSC120HWR0A0000 | 12.2 | 118,100 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 948 | 23 | 30 |

① HCAR breaker per NEC.
② SEER applies, 3-5 tons; IEER applies 6-10 tons.

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# Packaged Heat Pump Convertible 3-10 Tons (Model Digit Numbers)

| Digit | Description | Order Number |
|---|---|---|
| 1-8 | **Main Assembly (see previous page)** | |
| 9 | **Unit Controls** | |
| | **ReliaTel™** Micro-processor | R |
| 10 | **(See Heater Table below)** | |
| 11 | **Minor Design Sequence** | |
| | First Sequence | A |
| 12-13 | **Service Sequence** | |
| | First Sequence (Factory Assiged) | ✱,✱ |
| 14 | **Fresh Air Selection** | |
| | No Fresh Air | 0 |
| | Manual Outside Air Damper 0-50%② | A |
| | Motorized Outside Air Damper 0-50%⑫ | B |
| | Economizer, Dry Bulb 0-100% without Barometric Relief⑤ | C |
| | Economizer, Dry Bulb 0-100% with Barometric Relief⑤ | D |
| | Economizer, Reference Enthalpy 0-100% without Barometric Relief⑤ | E |
| | Economizer, Reference Enthalpy 0-100% with Barometric Relief⑤ | F |
| | Economizer, Comparative Enthalpy 0-100% without Barometric Relief⑤ | G |
| | Economizer, Comparative Enthalpy 0-100% with Barometric Relief⑤ | H |
| | Low Leak Economizer, Dry Bulb with Barometric Relief | K |
| | Low Leak Economizer, Comparative Enthalpy with Barometric Relief | M |
| | Low Leak Economizer, Reference Enthalpy with Barometric Relief | P |
| 15 | **Supply Fan/Drive Type/Motor** | |
| | Standard Drive④ | 0 |
| | Oversized Motor | 1 |
| | Optional Belt Drive Motor | 2 |
| | Single Zone Variable Air Volume (SZVAV) | 6 |
| | Multi-Speed Indoor Fan⑭ | 7 |
| 16 | **Hinged Service Access/Filters** | |
| | Standard Panels/Standard Filters | 0 |
| | Hinged Access Panels/Standard Filters | A |
| | Standard Panels/2" MERV 8 Filters | B |
| | Hinged Access Panels/2" MERV 8 Filters | C |
| | Standard Panels/2" MERV 13 Filters | D |
| | Hinged Access Panels/2" MERV 13 Filters | E |
| 17 | **Condenser Coil Protection** | |
| | Standard Coil | 0 |
| | Standard Coil with Hail Guard | 1 |
| | Black Epoxy Pre-Coated Condenser Coil | 2 |
| | Black Epoxy Pre-Coated Condenser Coil with Hail Guard | 3 |
| 18 | **Through the Base Provisions** | |
| | No Through the Base Provisions | 0 |
| | Through the Base Electric⑥ | A |
| 19 | **Disconnect/Circuit Breaker (three-phase only)** | |
| | No Disconnect/No Circuit Breaker | 0 |
| | Unit Mounted Non-Fused Disconnect⑥ | 1 |
| | Unit Mounted Circuit Breaker⑥ | 2 |
| 20 | **Convenience Outlet** | |
| | No Convenience Outlet | 0 |
| | Unpowered Convenience Outlet | A |
| | Powered Convenience Outlet (three-phase only)⑦ | B |
| 21 | **Communications Options** | |
| | No Communications Interface | 0 |
| | BACnet™ Communications Interface | 6 |
| 22 | **Refrigeration System Option** | |
| | Standard Refrigeration System⑧ | 0 |
| 23 | **Refrigeration Controls** | |
| | No Refrigeration Control③ | 0 |
| | Frostat⑬ | 1 |
| 24 | **Smoke Detector** | |
| | No Smoke Detector | 0 |
| | Return Air Smoke Detector⑨ | A |
| | Supply Air Smoke Detector | B |
| | Supply and Return Air Smoke Detectors⑨ | C |
| | Plenum Smoke Detector | D |
| 25 | **System Monitoring Controls** | |
| | No Monitoring Control | 0 |
| | Clogged Filter Switch | 1 |
| | Fan Failure Switch | 2 |
| | Discharge Air SensingTube | 3 |
| | Clogged Filter Switch and Fan Fail Switch | 4 |
| | Clogged Filter Switch and Discharge Air SensingTube | 5 |
| | Fan Fail Switch and Discharge Air SensingTube | 6 |
| | Clogged Filter and Fan Fail Switches and Discharge Air SensingTube | 7 |
| | Condensate Drain Pan Overflow Switch | A |
| | Clogged Filter Switch and Condensate Drain Pan Overflow Switch | B |
| | Fan Failure Switch and Condensate Drain Pan Overflow Switch | C |
| | Discharge Air Sensing and Condensate Drain Pan Overflow Switch | D |
| | Clogged Filter Switch, Fan Failure Switch and Condensate Drain Pan Overflow Switch | E |
| | Clogged Filter Switch, Discharge Air SensingTube and Condensate Drain Pan Overflow Switch | F |
| | Fan Failure Switch, Discharge Air SensingTube and Condensate Drain Pan Overflow Switch | G |
| | Clogged Filter Switch, Fan Failure Switch, Discharge Air Sensing and Condensate Drain Pan Overflow Switch | H |
| 26 | **System Monitoring Controls** | |
| | No Monitoring Controls | 0 |
| | Demand Control Ventilation ($CO_2$)⑮ | A |
| 27 | **Unit Hardware Enhancements** | |
| | No Enhancements | 0 |
| | Stainless Steel Drain Pan | 1 |
| 31 | **Advanced Unit Controls** | |
| | Standard Unit Controls | 0 |
| | Human Interface | 1 |

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 Frostat 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 $C0_2$ 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 |
|---|---|---|---|---|
| **208/240/3/60** | | | | |
| 4.5/6.0 | (B) | 13,400/20,500 | 1 | WSC036-060H3, WHC036-060H3 |
| 9.0/12.0 | (E) | 30,800/59,400 | 2 | WSC036-060H3, WHC036-060H3 |
| 13.1/17.4 | (G) | 44,600/59,400 | 2 | WSC036-060H3, WHC036-060H3 |
| 17.3/23.0 | (J) | 58,900/78,500 | 2 | WSC060H3, WHC060H3 |
| 6.75/9.0 | (C) | 23,000/30,700 | 1 | WSC072-102H3, WHC074-102H3 |
| 13.5/18.0 | (G) | 46,100/61,400 | 1 | WSC072-102H3, WHC074-102H3 |
| 20.3/27.0 | (K) | 69,000/92,100 | 2 | WSC072-102H3, WHC074-102H3 |
| 27.0/36.0 | (N) | 92,200/122,900 | 2 | WSC072-102H3, WHC074-102H3 |
| 40.5/54.0 | (P) | 138,200/184,300 | 2 | WSC120H3, WHC120H3 |
| **460/3/60** | | | | |
| 6.0 | (B) | 20,500 | 1 | WSC036-060H4, WHC036-060H4 |
| 12.0 | (E) | 41,000 | 2 | WSC036-060H4, WHC036-060H4 |
| 17.4 | (G) | 59,400 | 2 | WSC036-060H4, WHC036-060H4 |
| 23.0 | (J) | 78,500 | 2 | WSC060H4, WHC060H4 |
| 9.0 | (C) | 30,700 | 1 | WSC072-102H4, WHC074-102H4 |
| 18.0 | (G) | 61,400 | 1 | WSC072-102H4, WHC074-102H4 |
| 27.0 | (K) | 92,100 | 2 | WSC072-102H4, WHC074-102H4 |
| 36.0 | (N) | 122,900 | 2 | WSC072-102H4, WHC074-102H4 |
| 54.0 | (P) | 184,300 | 2 | WSC120H4, WHC120H4 |
| **575/3/60** | | | | |
| 6.0 | (B) | 20,500 | 1 | WSC036-060HW, WHC036-060HW |
| 12.0 | (E) | 41,000 | 2 | WSC036-060HW, WHC036-060HW |
| 17.4 | (G) | 59,400 | 2 | WSC036-060HW, WHC036-060HW |
| 23.0 | (J) | 78,500 | 2 | WSC060HW, WHC060HW |
| 9.0 | (C) | 30,700 | 1 | WSC072-102HW, WHC074-102HW |
| 18.0 | (G) | 61,400 | 1 | WSC072-102HW, WHC074-102HW |
| 27.0 | (K) | 92,100 | 2 | WSC072-102HW, WHC074-102HW |
| 36.0 | (N) | 122,900 | 2 | WSC072-102HW, WHC074-102HW |
| 54.0 | (P) | 184,300 | 2 | WSC120HW, WHC120HW |

**Digit 15 Selection Details**

**Digit 15 = 0**

**Standard Efficiency**
3 Phase (3 to 5 Ton) = Multispeed Direct Drive Motor
3 Phase (6 to 8.5 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 to 5 ton) = High Efficiency Multispeed Direct Drive Motor
3 Phase (3 to 5 ton w/Dehumidification) = Belt Drive Motor
3 Phase [6 (074) to 10 ton] = Ultra High Efficiency Direct Drive Plenum Fan

**Digit 15 = 2**

**Standard Efficiency**
3 Phase = Not Available

**High Efficiency**
1 Phase = Not Available

# Packaged Heat Pump Convertible 3-5 Tons, Electric Heaters



**Table LPH-7-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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# Packaged Heat Pump Convertible 6-10 Tons, Electric Heaters and Zone Sensors

**Table LPH-8-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 | WSC072H3 |
| BAYHTRW318A | 208-230/3/60 | 13.5/18.0 | 46,100/61,400 | 1 | WSC072H3 |
| BAYHTRW327A | 208-230/3/60 | 20.3/27.0 | 69,000/92,100 | 2 | WSC072H3 |
| BAYHTRW336A | 208-230/3/60 | 27.0/36.0 | 92,100/122,900 | 2 | WSC072H3 |
| BAYHTRW409A | 460/3/60 | 9 | 30700 | 1 | WSC072H4 |
| BAYHTRW418A | 460/3/60 | 18 | 61400 | 1 | WSC072H4 |
| BAYHTRW427A | 460/3/60 | 27 | 92100 | 2 | WSC072H4 |
| BAYHTRW436A | 460/3/60 | 36 | 122900 | 2 | WSC072H4 |
| BAYHTRWW18A | 575/3/60 | 18 | 61400 | 1 | WSC072HW |
| BAYHTRWW27A | 575/3/60 | 27 | 92100 | 2 | WSC072HW |
| BAYHTRWW36A | 575/3/60 | 36 | 122900 | 2 | WSC072HW |
| BAYHTRU309A | 208-230/3/60 | 6.8/9.0 | 23,000/30,700 | 1 | WSC090H3, WSC092H3, WSC102H3 |
| BAYHTRU318A | 208-230/3/60 | 13.5/18.0 | 46,100/61,400 | 1 | WSC090H3, WSC092H3, WSC102H3 |
| BAYHTRU327A | 208-230/3/60 | 20.3/27.0 | 69,000/92,100 | 2 | WSC090H3, WSC092H3, WSC102H3 |
| BAYHTRU336A | 208-230/3/60 | 27.0/36.0 | 92,100/122,900 | 2 | WSC090H3, WSC092H3, WSC102H3 |
| BAYHTRU409A | 460/3/60 | 9 | 30700 | 1 | WSC090H4, WSC092H4, WSC102H4 |
| BAYHTRU418A | 460/3/60 | 18 | 61400 | 1 | WSC090H4, WSC092H4, WSC102H4 |
| BAYHTRU427A | 460/3/60 | 27 | 92100 | 2 | WSC090H4, WSC092H4, WSC102H4 |
| BAYHTRU436A | 460/3/60 | 36 | 122900 | 2 | WSC090H4, WSC092H4, WSC102H4 |
| BAYHTRUW18A | 575/3/60 | 18 | 61400 | 1 | WSC090HW, WSC092HW, WSC102HW |
| BAYHTRUW27A | 575/3/60 | 27 | 92100 | 2 | WSC090HW, WSC092HW, WSC102HW |
| BAYHTRUW36A | 575/3/60 | 36 | 122900 | 2 | WSC090HW, WSC092HW, WSC102HW |

**Table LPH-8-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 | WHC120H3 |
| BAYHTRB327A | 208-230/3/60 | 20.3/27.0 | 69,000/92,100 | 2 | WHC120H3 |
| BAYHTRB336A | 208-230/3/60 | 27.0/36.0 | 92,100/122,900 | 2 | WHC120H3 |
| BAYHTRB354A | 208-230/3/60 | 40.6/54.0 | 138,000/184,300 | 2 | WHC120H3 |
| BAYHTRB418A | 460/3/60 | 18 | 61400 | 1 | WHC120H4 |
| BAYHTRB427A | 460/3/60 | 27 | 92100 | 2 | WHC120H4 |
| BAYHTRB436A | 460/3/60 | 36 | 122900 | 2 | WHC120H4 |
| BAYHTRB454A | 460/3/60 | 54 | 184300 | 2 | WHC120H4 |
| BAYHTRBW18A | 575/3/60 | 18 | 61400 | 1 | WHC120HW |
| BAYHTRBW36A | 575/3/60 | 36 | 122900 | 2 | WHC120HW |
| BAYHTRBW54A | 575/3/60 | 54 | 184300 | 2 | WHC120HW |
| BAYHTRA309A | 208-230/3/60 | 6.8/9.0 | 23,000/30,700 | 1 | WSC092H3①, WSC102H3①, WHC074-102H3 |
| BAYHTRA318A | 208-230/3/60 | 13.5/18.0 | 46,100/61,400 | 1 | WSC092H3①, WSC102H3①, WHC074-102H3 |
| BAYHTRA327A | 208-230/3/60 | 20.3/27.0 | 69,000/92,100 | 2 | WSC092H3①, WSC102H3①, WHC074-102H3 |
| BAYHTRA336A | 208-230/3/60 | 27.0/36.0 | 92,100/122,900 | 2 | WSC092H3①, WSC102H3①, WHC074-102H3 |
| BAYHTRA354A | 208-230/3/60 | 40.6/54.0 | 138,000/184,300 | 2 | WSC120H3 |
| BAYHTRA409A | 460/3/60 | 9 | 30700 | 1 | WSC092H4①, WSC102H4①, WHC074-102H4 |
| BAYHTRA418A | 460/3/60 | 18 | 61400 | 1 | WSC092H4①, WSC102H4①, WHC074-102H4 |
| BAYHTRA427A | 460/3/60 | 27 | 92100 | 2 | WSC092H4①, WSC102H4①, WHC074-102H4 |
| BAYHTRA436A | 460/3/60 | 36 | 122900 | 2 | WSC092H4①, WSC102H4①, WHC074-102H4 |
| BAYHTRA454A | 460/3/60 | 54 | 184300 | 2 | WSC120H4 |
| BAYHTRAW18A | 575/3/60 | 18 | 61400 | 1 | WSC092HW①, WSC102HW①, WHC074-102HW |
| BAYHTRW27A | 575/3/60 | 27 | 92100 | 2 | WSC092HW①, WSC102HW①, WSC120HW, WHC074-102HW |
| BAYHTRAW36A | 575/3/60 | 36 | 122900 | 2 | WSC092HW①, WSC102HW①, WSC120HW, WHC074-102HW |
| BAYHTRAW54A | 575/3/60 | 54 | 184300 | 2 | WSC120H4W |

① Used when Single Zone VAV (SZVAV) or Multi Speed options are selected (digit 15=6 or 7 in model number)

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 Accessories

**Table LPH-9-A — Accessories**

| Model Number | Description | Used With |
|---|---|---|
| BAYABRD001C4 | **ReliaTel™** Options Module | All Precedents, See Note④ |
| BAYBARM010A② | Barometric Relief | WSC036-048H, WHC036H, DHC036H |
| BAYBARM011A② | Barometric Relief | WSC060-120H, WHC048-120H, DHC048-120H |
| BAYCO2K001B | CO2 Sensor Kit, Wall Mounted | All Precedents |
| BAYCO2K003B | CO2 Sensor Kit, Duct Mounted | All Precedents |
| BAYCURB042A③ | Roof Curb | WSC036-048H, WHC036H, DHC036H |
| BAYCURB043A③ | Roof Curb | WSC060-120H, WHC048-102H, DHC048-102H |
| BAYCURB044A③ | Roof Curb | WHC120H, DHC120H |
| BAYDFPS003B④ | Clogged Filter Switch (w/Standard & MERV 8 Filter) | All Precedents |
| BAYDFPS014A④ | Clogged Filter Switch (MERV 13 Filter) | All Precedents |
| BAYDFPS004A④ | Fan Failure Switch | All Precedents |
| BAYDMPR053B⑥ | 0-50% Manual Outside Air Damper | WSC036-048H, WHC036H, DHC036H |
| BAYDMPR056B⑥ | 0-50% Manual Outside Air Damper | WSC060-120H, WHC048-120H, DHC048-120H |
| BAYDMPR051A | 0-50% Motorized Outside Air Damper | WSC036-048H, WHC036H, DHC036H |
| BAYDMPR054A | 0-50% Motorized Outside Air Damper | WSC060-120H, WHC048-120H, DHC048-120H |
| BAYECON085A | 0-100% Economizer without Barometric Relief | WSC036-048H, WHC036H, DHC036H |
| BAYECON087A | 0-100% Economizer without Barometric Relief | WSC060-120H, WHC048-120H, DHC048-120H |
| BAYECON704A | Downflow Low Leak Economizer | WSC060-120H, WHC048-120H, DHC048-120H |
| BAYECON705B | Downflow Low Leak Economizer | WSC036-048H, WHC036H, DHC036H |
| BAYENTH005A① | Reference Enthalpy Kit | BAYECON085A, 087A |
| BAYENTH006B① | Comparative Enthalpy Kit | BAYECON085A, 087A |
| BAYFRST003A⑤ | High Temperature Stat | All Precedents |
| BAYGARD437A | Condenser Coil Hail Guard | WSC036-048H, WHC036H, DHC036H |
| BAYGARD240A | Condenser Coil Hail Guard | WSC060-072H, WHC048-060, DHC048-060H |
| BAYGARD241A | Condenser Coil Hail Guard | WSC090-120H, WHC074-102H, DHC074-102H |
| BAYGARD270A | Condenser Coil Hail Guard | DHC120H, WHC120H |
| BAYHAKT011* | High Altitude Gas Kit | DHC036-060H3/4/W |
| BAYHATK010* | High Altitude Gas Kit | DHC074-120H3/4/W |

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.

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# Packaged Heat Pump Convertible 3-10 Tons Accessories

**Table LPH-10-A — Accessories**

| Model Number | Description | Used With |
|---|---|---|
| BAYHSMT403A | 2 HP Belt Drive Oversized Motor | WSC072H3/H4 |
| BAYHSMT404A | 2 HP Belt Drive Oversized Motor | WSC072HW |
| BAYHSMT400A | 3 HP Belt Drive Oversized Motor | WSC090H3/4, WSC092H3/4, WSC102H3/4 |
| BAYHSMT401A | 3 HP Belt Drive Oversized Motor | WSC090HW, WSC092HW, WSC102HW |
| BAYLSDR009A | Low Static Drive | WSC090H |
| BAYICSI003A⑤ | Trane Communications Interface (TCI) | All Precedents |
| BAYLOAM020B④ | Evaporator Defrost Control (Frostat) | All Precedents |
| BAYLPKT050* | Single Stage Gas LP Kit | DHC074H**(L,X,M,Y), DHC(092/102)H**(L,X) |
| BAYHATK010* | Dual Stage Gas LP Kit Hight Altitude Gas Kit | DHC074H(3,4,W)*(H,Z), DHC(092/102)H(3,4,W)*(M,Y,H,Z), DHC120H(3,4,W)*(L,X,M,Y,H,Z) |
| BAYLTCI002B⑦ | LonTalk® Communications Interface (LCI) | All Precedents |
| BAYPWRX070A | Power Exhaust (208-230/3) | WSC036-048H3, WHC036H3, DHC036H3 |
| BAYPWRX071A | Power Exhaust (460/3) | WSC036-048H4, WHC036H4, DHC036H4 |
| BAYPWRX072A | Power Exhaust (575/3) | WSC036-048HW, WHC036HW, DHC036HW |
| BAYPWRX026A⑥ | Power Exhaust (208-230/3) | WSC060-120H3, WHC048-120H3, DHC048-120H3 |
| BAYPWRX027A⑥ | Power Exhaust (460/3) | WSC060-120H4, WHC048-120H4, DHC048-120H4 |
| BAYPWRX028A⑥ | Power Exhaust (575/3) | WSC060-120H4, WHC048-120H4, DHC048-120H4 |
| BAYQACB009A②③ | Quick Adapt Roof Curb | WSC036-048H, WHC036H, DHC036H |
| BAYQACB010A②③ | Quick Adapt Roof Curb | WSC036-048H, WHC036H, DHC036H |
| BAYQACB011A②⑧ | Quick Adapt Roof Curb | WSC060-120H, WHC048-102H, DHC048-120H |
| BAYQACB012A②⑧ | Quick Adapt Roof Curb | WSC060-120H, WHC048-102H, DHC048-120H |
| BAYQACB013A②⑧ | Quick Adapt Roof Curb | WSC060-120H, WHC048-102H, DHC048-120H |
| BAYQACB111A②③ | Quick Adapt Roof Curb | WHC120H, DHC120H |
| BAYQACB112A②③ | Quick Adapt Roof Curb | WHC120H, DHC120H |
| BAYQACB113A②③ | Quick Adapt Roof Curb | WHC120H, DHC120H |
| BAYQACB114A②⑫ | Quick Adapt Roof Curb | WSC060-120H, WHC048-102H, DHC048-120H |
| BAYQACB115A②⑬ | Quick Adapt Roof Curb | WSC060-120H, WHC048-102H, DHC048-120H |

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 Interface allows unit to communicate as a Trane LonTalk® device or directly with generic LonTalk® Network BAS Controls.
⑧ 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.
⑨ Field installed accessory. Requires an economizer.
⑩ If any version of comparative or reference enthalpy is ordered, BAYRTEM001A does not need to be ordered.
⑪ Order only when unit has factory installed Demand Control Ventilation option.
⑫ Precedent E cabinet to Precedent D cabinet (BAYCURB044 to BAYCURB043)
⑬ Precedent B cabinet to Precedent C cabinet (BAYCURB042 to BAYCURB043)

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



Effective 1/1/21
14-1011-38

BUILT TO A HIGHER STANDARD®

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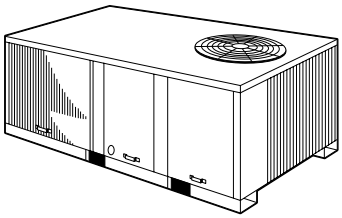
HEATING & AIR CONDITIONING

# 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-12
- 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-11-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.) | MCA⑤ | Max Fuse Size or④ Max Circuit Breaker | Downflow Roofcurb |
|---|---|---|---|---|---|---|---|---|---|
| 12 ½ | WS*150E3R0B0000 | 208-230/3/60 | 12.0 | 146,000 | 56 1/8 x 84 3/16 x 121 11/16 | 2455 | 67.0 | 80 | BAYCURB027B |
| 15 | WS*180E3R0B0000 | 208-230/3/60 | 12.0 | 177,000 | 56 1/8 x 84 3/16 x 121 11/16 | 2459 | 73.0 | 90 | BAYCURB027B |
| 20 | WS*240E3R0B0000 | 208-230/3/60 | 11.5 | 240,000 | 66¼ x 84 3/16 x 121 11/16 | 2641 | 113.0 | 150 | BAYCURB027B |
| 12 ½ | WS*150E4R0B0000 | 460/3/60 | 12.0 | 146,000 | 56 1/8 x 84 3/16 x 121 11/16 | 2455 | 32.0 | 40 | BAYCURB027B |
| 15 | WS*180E4R0B0000 | 460/3/60 | 12.0 | 177,000 | 56 1/8 x 84 3/16 x 121 11/16 | 2459 | 36.0 | 45 | BAYCURB027B |
| 20 | WS*240E4R0B0000 | 460/3/60 | 11.5 | 240,000 | 66¼ x 84 3/16 x 121 11/16 | 2641 | 53.0 | 70 | BAYCURB027B |
| 12 ½ | WS*150EWR0B0000 | 575/3/60 | 12.0 | 146,000 | 56 1/8 x 84 3/16 x 121 11/16 | 2455 | 25.0 | 30 | BAYCURB027B |
| 15 | WS*180EWR0B0000 | 575/3/60 | 12.0 | 177,000 | 56 1/8 x 84 3/16 x 121 11/16 | 2459 | 29.0 | 35 | BAYCURB027B |
| 20 | WS*240EWR0B0000 | 575/3/60 | 11.5 | 240,000 | 66¼ x 84 3/16 x 121 11/16 | 2641 | 45.0 | 50 | BAYCURB027B |

| Tons | Supply Downflow W x L①② | Return Downflow W x L①② | Supply Horizontal H x W①② | Return Horizontal H x W①② | Curb Size H x W x L②③ | Roof Opening W x L①② |
|---|---|---|---|---|---|---|
| 20 | 28 9/16 x 69 1/2 | 22 1/4 x 77 | 46 7/16 x 26 1/2 | 46 7/16 x 27 9/16 | 14 1/16 x 81 x 117 3/16 | 76 1/2 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.

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 with ReliaTel™ Controls 12½-25 Tons (Model Digit Numbers)

| Digit | Description | Order Number |
|---|---|---|
| 1 | **Unit Type** | |
| | Packaged Cooling, Electric Heat | W |
| 2 | **Efficiency** | |
| | Standard Efficiency | S |
| 3 | **Airflow Configuration** | |
| | Downflow | D |
| | Horizontal | H |
| 4-6 | **Nominal Gross Cooling Capacity (MBh)** | |
| | 12½ Tons | 150 |
| | 15 Tons | 180 |
| | 17½ Tons | 210 |
| | 20 Tons | 240 |
| 7 | **Major Design Sequence** | |
| | R-410A Refrigerant | E |
| 8 | **Voltage Selection** | |
| | 208-230/60/3 | 3 |
| | 460/60/3 | 4 |
| | 575/60/3 | W |
| 9 | **Unit Controls** | |
| | ReliaTel™ | R |
| 10 | **Heating Capacity** | |
| | No Heat | 0 |
| | 18 kW Electric Heat | G |
| | 36 kW Electric Heat | N |
| | 54 kW Electric Heat | P |
| | 72 kW Electric Heat | R |
| 11 | **Minor Design Sequence** | |
| 12-13 | **Service Sequence** | |
| 14 | **Fresh Air Selection** | |
| | No Fresh Air | 0 |
| | Manual Damper | A |
| | Motorized Damper | B |
| | Econ Dry Bulb w/Barometric Relief | D |
| | Econ Reference Enthalpy w/Barometric Relief | F |
| | Econ Comparative Enthalpy w/Barometric Relief | H |
| | Low Leak Economizer, Dry Bulb with Barometric Relief | K |
| | Low Leak Economizer, Comparative Enthalpy with Barometric Relief | M |
| | Low Leak Economizer, Reference Enthalpy with Barometric Relief | P |
| 15 | **Supply Fan/Drive Type/Motor** | |
| | Standard Motor | 0 |
| | Oversized Motor | 1 |
| | High Efficiency Motor | 3 |
| | Single Zone Variable Air Volume Standard Motor | 6 |
| | Multi-Speed Standard Motor | 7 |
| | Single Zone Variable Air Volume Oversized Motor | 8 |
| | Multi-Speed Oversized Motor | 9 |
| | Single Zone Variable Air Volume Standard Motor w/Shaft Ground Ring | A |
| | Multi-Speed Standard Motor w/Shaft Ground Ring | B |
| | Single Zone Variable Air Volume Oversized Motor w/Shaft Ground Ring | C |
| | Multi-Speed Oversized Motor w/Shaft Ground Ring | D |
| 16 | **Hinged Service Access / Filters** | |
| | Standard Panels/Standard Filters | 0 |
| | Hinged Access/Standard Filters | A |
| | Standard Panels/2" MERV 8 Filters | B |
| | Hinged Access/2" MERV 8 Filters | C |
| | Standard Panels/MERV 13 Filters | D |
| | Hinged Access/MERV 13 Filters | E |
| 17 | **Condenser Coil Protection** | |
| | Standard Coil | 0 |
| | Standard Coil With Hail Guard | 1 |
| | Black Epoxy Pre-Coated Coil | 2 |
| | Black Epoxy Pre-Coated Coil with Hail Guard | 3 |
| 18 | **Through The Base Provisions** | |
| | No Through The Base Provisions | 0 |
| | Through The Base Electric | A |
| | Through The Base Access | D |
| 19 | **Disconnect Switch/Circuit Breaker** | |
| | No Disconnect/circuit break | 0 |
| | Unit Mounted Non-Fused Disconnect Switch | 1 |
| | Unit Mounted Circuit Breaker | 2 |
| 20 | **Convenience Outlet Option** | |
| | Without Convenience Outlet | 0 |
| | Unpowered Convenience Outlet | A |
| | Powered Convenience Outlet | B |
| 21 | **Communications Options** | |
| | Without Communications Options | 0 |
| | Building Automation Control Network Communications Interface | 6 |
| 22 | **Refrigeration System Option** | |
| | Standard refrigeration system | 0 |
| 23 | **Refrigeration Controls** | |
| | Without Refrigeration Controls | 0 |
| | Frostat | 1 |
| 24 | **Smoke Detector** | |
| | Without Smoke Detector | 0 |
| | Return Air Smoke Detector | A |
| | Supply Air Smoke Detector | B |
| | Return/Supply Air Smoke Detector | C |
| | Plenum Smoke Detector | D |
| 25 | **System Monitoring Controls** | |
| | No Monitoring Controls | 0 |
| | Clogged Filter Switch | 1 |
| | Fan Failure Switch | 2 |
| | Discharge Air Sensing | 3 |
| | Clogged Filter Switch and Fan Failure | 4 |
| | Clogged Filter Switch and Discharge Air Sensing | 5 |
| | Fan Failure Switch and Discharge Air Sensing | 6 |
| | Clogged Filter Switch, Fan Failure Switch and Discharge Air Sensing | 7 |
| | Condensate Drain Pan Overflow Switch | A |
| | Clogged Filter Switch and Condensate Drain Pan Overflow Switch | B |
| | Fan Failure Switch and Condensate Drain Pan Overflow Switch | C |
| | Discharge Air Sensing and Condensate Drain Pan Overflow Switch | D |
| | Clogged Filter Switch, Fan Failure Switch and Condensate Drain Pan Overflow Switch | E |
| | Clogged Filter Switch, Discharge Air Sensing Tube and Condensate Drain Pan Overflow Switch | F |
| | Fan Failure Switch, Discharge Air Sensing Tube and Condensate Drain Pan Overflow Switch | G |
| | Clogged Filter Switch, Fan Failure Switch, Discharge Air Sensing and Condensate Drain Pan Overflow Switch | H |
| 26 | **System Monitoring Controls** | |
| | No Monitoring Controls | 0 |
| | Demand Control Ventilation ($CO_2$)① | A |
| 27 | **Unit Hardware Enhancements** | |
| | No Enhancements | 0 |
| | Stainless Steel Drain Pan | 1 |
| 28 | **Short Circuit Current Rating (SCCR)** | |
| | Standard SCCR | 0 |
| | 65 kA SCCR | A |
| 31 | **Advanced Unit Controls** | |
| | Standard Unit Controls | 0 |
| | Human Interface | 1 |

**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 C02 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 with ReliaTel™ Controls 12½-20 Tons Zone Sensors



**Table LPH-13-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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# Packaged Heat Pump with ReliaTel™ Controls 12½-20 Tons Accessories

**Table LPH-14-A — Field Installed Accessories**

| Model Number | Description | Used With |
|---|---|---|
| BAYABRD002B⑥ | **ReliaTel™** Options Module | All Voyager Heat Pumps |
| BAYBCIR001A | Bacnet™ Communication Interface | ReliaTel™ Controller (BCI-R) |
| BAYCO2K002B⑦ | $CO_2$ Sensor Wall Mounted | All Voyager Heat Pumps w/Economizers |
| BAYCO2K004B⑦ | $CO_2$ Sensor Duct Mounted | All Voyager Heat Pumps w/Economizers |
| BAYCURB027B③④ | Downflow Only Roof Curb | WSD150E-240E |
| BAYDFPS005A⑤⑥ | Clogged Filter Switch (MERV 7) | WS*150E-240E |
| BAYDFPS006A⑤⑥ | 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 |
| BAYECON090A⑥ | Downflow Economizer with Barometric Relief | WSD150E-240E |
| BAYECON092A | Horizontal Economizer | WSH150E-240E |
| BAYECON702A | Downflow Low Leak Economizer | WSD150F-240F |
| BAYECON703 | Horizontal Low Leak Economizer | WSH150E-240E |
| BAYENTH007A | Reference Enthalpy Kit | All BAYECON089-92A |
| BAYENTH008A | Comparative Enthalpy Kit | All BAYECON089-92A |
| BAYFRST003A | High Temperature Stat | WS*150E-240E |
| BAYGARD045A⑥ | Tool-less Hail Guard | WS*150E, WS*180E |
| BAYGARD050A⑥ | Tool-less Hail Guard | WS*240E |
| BAYHSDR005B① | 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 |
| BAYLOAM023A⑤⑥ | 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 |
| BAYLTCI003B | LonTalk® Communications Inteface (LCI) | All Voyagers 12½-20 Tons |
| 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 |
| BAYTUBE008A②⑤⑥ | Discharge Air Sensing Kit | All Voyagers 12½-20 Tons Downflow |
| BAYTUBE009A②⑤⑥ | Discharge Air Sensing Kit | All Voyagers 12½-20 Tons Horizontal |
| BAYVNOR002B⑤ | 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.

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 with ReliaTel™ Controls 12½-20 Tons Heaters

**Table LPH-15-A — Downflow Supplementary Heaters:**

| Model Number | Power Supply | kW Rating | BTUH | Nominal Stages | Used With |
|---|---|---|---|---|---|
| AYDHTRU318AA | 208-230/3/60 | 13.5/18.0 | 46,100/61,400 | 1 | WSD150-180E |
| AYDHTRU336AA | 208-230/3/60 | 27.0/36.0 | 92,200/122,900 | 2 | WSD150-180E |
| AYDHTRV354AA | 208-230/3/60 | 40.5/54.0 | 138,200/184,300 | 2 | WSD150-180E |
| AYDHTRU418AA | 460/3/60 | 18.0 | 61,400 | 1 | WSD150-180E |
| AYDHTRV436AA | 460/3/60 | 36.0 | 122,900 | 2 | WSD150-180E |
| AYDHTRV454AA | 460/3/60 | 54.0 | 184,300 | 2 | WSD150-180E |
| AYDHTRW336AA | 208-230/3/60 | 27.0/36.0 | 92,200/122,900 | 2 | WSD240E |
| AYDHTRX354AA | 208-230/3/60 | 40.5/54.0 | 138,200/184,300 | 2 | WSD240E |
| AYDHTRU372AA | 208-230/3/60 | 54.0/72.0 | 184,300/245,700 | 2 | WSD240E |
| AYDHTRX436AA | 460/3/60 | 36.0 | 122,900 | 2 | WSD240E |
| AYDHTRX454AA | 460/3/60 | 54.0 | 184,300 | 2 | WSD240E |
| AYDHTRU472AA | 460/3/60 | 72.0 | 245,700 | 2 | WSD240E |
| AYDHTRUW18AA | 575/3/60 | 18.0 | 61,400 | 1 | WSD150-180E |
| AYDHTRZW36AA | 575/3/60 | 36.0 | 122,900 | 2 | WSD150-180E |
| AYDHTRVW54AA | 575/3/60 | 54.0 | 184,300 | 2 | WSD150-180E |
| AYDHTRWW36AA | 575/3/60 | 36.0 | 122,900 | 2 | WSD240E |
| AYDHTRXW54AA | 575/3/60 | 54.0 | 184,300 | 2 | WSD240E |

**Table LPH-15-B — Horizontal Supplementary Heaters:**

| | | | | | |
|---|---|---|---|---|---|
| AYHHTRT318AA | 208-230/3/60 | 13.5/18.0 | 46,100/61,400 | 1 | WSH150-180E |
| AYHHTRT336AA | 208-230/3/60 | 27.0/36.0 | 92,200/122,900 | 2 | WSH150-180E |
| AYHHTRT354AA | 208-230/3/60 | 40.5/54.0 | 138,200/184,300 | 2 | WSH150-180E |
| AYHHTRT418AA | 460/3/60 | 18.0 | 61,400 | 1 | WSH150-180E |
| AYHHTRT436AA | 460/3/60 | 36.0 | 122,900 | 2 | WSH150-180E |
| AYHHTRT454AA | 460/3/60 | 54.0 | 184,300 | 2 | WSH150-180E |
| AYHHTRU336AA | 208-230/3/60 | 27.0/36.0 | 92,200/122,900 | 2 | WSH240E |
| AYHHTRU354AA | 208-230/3/60 | 40.5/54.0 | 138,200/184,300 | 2 | WSH240E |
| AYHHTRU372AA | 208-230/3/60 | 54.0/72.0 | 184,300/245,700 | 2 | WSH240E |
| AYHHTRU436AA | 460/3/60 | 36.0 | 122,900 | 2 | WSH240E |
| AYHHTRU454AA | 460/3/60 | 54.0 | 184,300 | 2 | WSH240E |
| AYHHTRU472AA | 460/3/60 | 72.0 | 245,700 | 2 | WSH240E |
| AYHHTRTW18AA | 575/3/60 | 18.0 | 61,400 | 1 | WSH150-180E |
| AYHHTRTW36AA | 575/3/60 | 36.0 | 122,900 | 2 | WSH150-180E |
| AYHHTRTW54AA | 575/3/60 | 54.0 | 184,300 | 2 | WSH150-180E |
| AYHHTRVW36AA | 575/3/60 | 36.0 | 122,900 | 2 | WSH240E |
| AYHHTRUW54AA | 575/3/60 | 54.0 | 184,300 | 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.

BUILT TO A HIGHER STANDARD®

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# Packaged Gas/Electric Convertible 3-10 Tons

Beveled Top
Smoother Design
Small compact cabinet
Recessed access handles

## 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
- Crankcase Heaters
- 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 3-5T. 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
- Comm 3/4 Communications Interface
- BACnet™ Communications Interface
- 2" Pleated Media filters (MERV 8 & 13)
- Frostat
- 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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# Packaged Gas/Electric Convertible 3-5 Tons, 17 SEER, R-410A



**Table LPG-2-A — Precedent™ 17 Plus - R-410A - ReliaTel™ Controls Only**

| Tons | Unit Ordering No. | Performance SEER | Cooling Capacity (Btuh) | Heating Output① Capacity (Btuh) | S.S. Furnace Eff% | Cabinet Dimensions (in.) H x W x L | Downflow Supply | Downflow Return | Shipping Weight (lbs.) | MCA** | Max. Fuse** |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **YHC - 208-230/3/60 - Three Phase - Low Heat** | | | | | | | | | | | |
| 3 | YHC037E3RLA0000 | 17.5 | 36,500 | 48,000 | 78 | 36 x 44 x 69 | 18 x 15.5 | 24 x 14 | 676 | 24 | 30 |
| 4 | YHC047E3RLA0000 | 17.5 | 50,500 | 49,000 | 80 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 858 | 30 | 40 |
| 5 | YHC067E3RLA0000 | 17.2 | 60,000 | 49,000 | 80 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 917 | 33 | 45 |
| **YHC - 460/3/60 - Three Phase - Low Heat** | | | | | | | | | | | |
| 3 | YHC037E4RLA0000 | 17.5 | 36,500 | 48,000 | 78 | 36 x 44 x 69 | 18 x 15.5 | 24 x 14 | 676 | 12 | 15 |
| 4 | YHC047E4RLA0000 | 17.5 | 50,500 | 49,000 | 80 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 858 | 14 | 20 |
| 5 | YHC067E4RLA0000 | 17.2 | 60,000 | 49,000 | 80 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 917 | 16 | 20 |
| **YHC - 575/3/60 - Three Phase - Low Heat** | | | | | | | | | | | |
| 3 | YHC037EWRLA0000 | 17.5 | 36,500 | 48,000 | 78 | 36 x 44 x 69 | 18 x 15.5 | 24 x 14 | 676 | 9 | 15 |
| 4 | YHC047EWRLA0000 | 17.5 | 50,500 | 49,000 | 80 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 858 | 11 | 15 |
| 5 | YHC067EWRLA0000 | 17.2 | 60,000 | 49,000 | 80 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 917 | 12 | 15 |
| **YHC - 208-230/3/60 - Three Phase - Medium Heat** | | | | | | | | | | | |
| 3 | YHC037E3RMA0000 | 17.5 | 36,500 | 64,000 | 78 | 36 x 44 x 69 | 18 x 15.5 | 24 x 14 | 676 | 24 | 30 |
| 4 | YHC047E3RMA0000 | 17.5 | 50,500 | 64,000 | 80 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 858 | 30 | 40 |
| 5 | YHC067E3RMA0000 | 17.2 | 60,000 | 64,000 | 80 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 917 | 33 | 45 |
| **YHC - 460/3/60 - Three Phase - Medium Heat** | | | | | | | | | | | |
| 3 | YHC037E4RMA0000 | 17.5 | 36,500 | 64,000 | 78 | 36 x 44 x 69 | 18 x 15.5 | 24 x 14 | 676 | 12 | 15 |
| 4 | YHC047E4RMA0000 | 17.5 | 50,500 | 64,000 | 80 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 858 | 14 | 20 |
| 5 | YHC067E4RMA0000 | 17.2 | 60,000 | 64,000 | 80 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 917 | 16 | 20 |
| **YHC - 575/3/60 - Three Phase - Medium Heat** | | | | | | | | | | | |
| 3 | YHC037EWRMA0000 | 17.5 | 36,500 | 64,000 | 78 | 36 x 44 x 69 | 18 x 15.5 | 24 x 14 | 676 | 9 | 15 |
| 4 | YHC047EWRMA0000 | 17.5 | 50,500 | 64,000 | 80 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 858 | 11 | 15 |
| 5 | YHC067EWRMA0000 | 17.2 | 60,000 | 64,000 | 80 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 917 | 12 | 15 |
| **YHC - 208-230/3/60 - Three Phase - High Heat** | | | | | | | | | | | |
| 3 | YHC037E3RMA0000 | 17.5 | 36,500 | 80,000 | 78 | 36 x 44 x 69 | 18 x 15.5 | 24 x 14 | 676 | 24 | 30 |
| 4 | YHC047E3RMA0000 | 17.5 | 50,500 | 96,000 | 80 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 858 | 30 | 40 |
| 5 | YHC067E3RMA0000 | 17.2 | 60,000 | 104,000 | 80 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 917 | 33 | 45 |
| **YHC - 460/3/60 - Three Phase - High Heat** | | | | | | | | | | | |
| 3 | YHC037E4RMA0000 | 17.5 | 36,500 | 80,000 | 78 | 36 x 44 x 69 | 18 x 15.5 | 24 x 14 | 676 | 12 | 15 |
| 4 | YHC047E4RMA0000 | 17.5 | 50,500 | 96,000 | 80 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 858 | 14 | 20 |
| 5 | YHC067E4RMA0000 | 17.2 | 60,000 | 104,000 | 80 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 917 | 16 | 20 |
| **YHC - 575/3/60 - Three Phase - High Heat** | | | | | | | | | | | |
| 3 | YHC037EWRMA0000 | 17.5 | 36,500 | 80,000 | 78 | 36 x 44 x 69 | 18 x 15.5 | 24 x 14 | 676 | 9 | 15 |
| 4 | YHC047EWRMA0000 | 17.5 | 50,500 | 96,000 | 80 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 858 | 11 | 15 |
| 5 | YHC067EWRMA0000 | 17.2 | 60,000 | 104,000 | 80 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 917 | 12 | 15 |

① Downflow Airflow/Horizontal Airflow

** 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 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 Output① 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** |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **YHC - 208-230/1/60 - Single Phase - Low Heat** | | | | | | | | | | | |
| 3 | YHC036E1*LB0000 | 15.2 | 38,490 | 49,200 | 81 | 36 x 44 x 69 | 18 x 15.5 | 24 x 14 | 555 | 28 | 45 |
| 4 | YHC048F1*LB0000 | 15.0 | 48,930 | 49,200 | 81 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 798 | 37 | 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 | 41 | 60 |
| **YHC - 208-230/3/60 - Three Phase - Low Heat** | | | | | | | | | | | |
| 3 | YHC036E3*LA0000 | 15.0 | 37,600 | 48,000 | 78 | 36 x 44 x 69 | 18 x 15.5 | 24 x 14 | 637 | 21 | 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 | 26 | 35 |
| 5 | YHC060F3*LA0000 | 15.0 | 61,000 | 49,000 | 80 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 894 | 30 | 45 |
| **YHC - 460/3/60 - Three Phase - Low Heat** | | | | | | | | | | | |
| 3 | YHC036E4*LA0000 | 15.0 | 37,600 | 48,000 | 78 | 36 x 44 x 69 | 18 x 15.5 | 24 x 14 | 637 | 12 | 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 | 15 |
| 5 | YHC060F4*LA0000 | 15.0 | 61,000 | 49,000 | 80 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 894 | 14 | 20 |
| **YHC - 575/3/60 - Three Phase - Low Heat** | | | | | | | | | | | |
| 3 | YHC036EW*LA0000 | 14.4 | 37,600 | 48,000 | 78 | 36 x 44 x 69 | 18 x 15.5 | 24 x 14 | 637 | 10 | 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 | 11 | 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 | 11 | 15 |
| **YHC - 208-230/1/60 - Single Phase - Medium Heat** | | | | | | | | | | | |
| 3 | YHC036E1*MB0000 | 15.2 | 38,490 | 65,600 | 81 | 36 x 44 x 69 | 18 x 15.5 | 24 x 14 | 555 | 28 | 45 |
| 4 | YHC048F1*MB0000 | 15.0 | 48,930 | 66,400 | 81 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 798 | 37 | 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 | 41 | 60 |
| **YHC - 208-230/3/60 - Three Phase - Medium Heat** | | | | | | | | | | | |
| 3 | YHC036E3*MA0000 | 15.0 | 37,600 | 64,000 | 78 | 36 x 44 x 69 | 18 x 15.5 | 24 x 14 | 676 | 21 | 30 |
| 4 | YHC048F3*MA0000 | 15.0 | 49,930 | 64,000 | 79 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 858 | 26 | 35 |
| 5 | YHC060F3*MA0000 | 15.0 | 61,000 | 64,000 | 79 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 917 | 30 | 45 |
| **YHC - 460/3/60 - Three Phase - Medium Heat** | | | | | | | | | | | |
| 3 | YHC036E4*MA0000 | 15.0 | 37,600 | 64,000 | 78 | 36 x 44 x 69 | 18 x 15.5 | 24 x 14 | 676 | 12 | 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 | 15 |
| 5 | YHC060F4*MA0000 | 15.0 | 61,000 | 64,000 | 79 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 917 | 14 | 20 |
| **YHC - 575/3/60 - Three Phase - Medium Heat** | | | | | | | | | | | |
| 3 | YHC036EW*MA0000 | 14.4 | 37,600 | 64,000 | 78 | 36 x 44 x 69 | 18 x 15.5 | 24 x 14 | 676 | 10 | 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 | 11 | 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 | 11 | 15 |
| **YHC - 208-230/1/60 - Single Phase - High Heat** | | | | | | | | | | | |
| 3 | YHC036E1*HB0000 | 15.2 | 38,490 | 82,000 | 81 | 36 x 44 x 69 | 18 x 15.5 | 24 x 14 | 555 | 28 | 45 |
| 4 | YHC048F1*HB0000 | 15.0 | 48,930 | 98,400 | 81 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 798 | 37 | 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 | 41 | 60 |
| **YHC - 208-230/3/60 - Three Phase - High Heat** | | | | | | | | | | | |
| 3 | YHC036E3*HA0000 | 15.0 | 37,600 | 96,000 | 78 | 36 x 44 x 69 | 18 x 15.5 | 24 x 14 | 676 | 21 | 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 | 26 | 35 |
| 5 | YHC060F3*HA0000 | 15.0 | 61,000 | 104,000 | 80 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 917 | 30 | 45 |
| **YHC - 460/3/60 - Three Phase - High Heat** | | | | | | | | | | | |
| 3 | YHC036E4*HA0000 | 15.0 | 37,600 | 96,000 | 78 | 36 x 44 x 69 | 18 x 15.5 | 24 x 14 | 676 | 12 | 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 | 13 | 15 |
| 5 | YHC060F4*HA0000 | 15.0 | 61,000 | 104,000 | 80 | 41 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 917 | 14 | 20 |
| **YHC - 575/3/60 - Three Phase - High Heat** | | | | | | | | | | | |
| 3 | YHC036EW*HA0000 | 14.4 | 37,600 | 96,000 | 78 | 36 x 44 x 69 | 18 x 15.5 | 24 x 14 | 676 | 10 | 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 | 11 | 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 | 11 | 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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# 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 Output① Capacity Lo/Hi (Btuh) | AFUE% | Cabinet Dimensions (in.) H x W x L | Downflow Supply | Downflow Return | Shipping Weight (lbs.) | MCA** | Max. Fuse** |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **YSC - 208/230/3/60 - Three Phase - Low Heat** | | | | | | | | | | | |
| 3 | YSC036G3*LB0000 | 14.0 | 37,000 | 44,800/64,000 | 82 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 577 | 20 | 30 |
| 4 | YSC048G3*LB0000 | 14.0 | 49,000 | 44,800/64,000 | 82 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 598 | 26 | 35 |
| 5 | YSC060G3*LB0000 | 14.0 | 60,000 | 44,800/64,000 | 82 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 627 | 29 | 40 |
| **YSC - 460/3/60 - Three Phase - Low Heat** | | | | | | | | | | | |
| 3 | YSC036G4*LB0000 | 14.0 | 37,000 | 44,800/64,000 | 82 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 577 | 10 | 15 |
| 4 | YSC048G4*LB0000 | 14.0 | 49,000 | 44,800/64,000 | 82 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 598 | 11 | 15 |
| 5 | YSC060G4*LB0000 | 14.0 | 60,000 | 44,800/64,000 | 82 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 627 | 13 | 15 |
| **YSC - 575/3/60 - Three Phase - Low Heat** | | | | | | | | | | | |
| 3 | YSC036GW*LB0000 | 14.0 | 37,000 | 44,800/64,000 | 82 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 577 | 8 | 15 |
| 4 | YSC048GW*LB0000 | 14.0 | 49,000 | 44,800/64,000 | 82 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 598 | 10 | 15 |
| 5 | YSC060GW*LB0000 | 14.0 | 60,000 | 44,800/64,000 | 82 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 627 | 10 | 15 |
| **YSC - 208/230/3/60 - Three Phase - Medium Heat** | | | | | | | | | | | |
| 3 | YSC036G3*MB0000 | 14.0 | 37,000 | 56,000/80,000 | 82 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 577 | 20 | 30 |
| 4 | YSC048G3*MB0000 | 14.0 | 49,000 | 56,000/80,000 | 82 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 598 | 26 | 35 |
| 5 | YSC060G3*MB0000 | 14.0 | 60,000 | 56,000/80,000 | 82 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 627 | 29 | 40 |
| **YSC - 460/3/60 - Three Phase - Medium Heat** | | | | | | | | | | | |
| 3 | YSC036G4*MB0000 | 14.0 | 37,000 | 56,000/80,000 | 82 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 577 | 10 | 15 |
| 4 | YSC048G4*MB0000 | 14.0 | 49,000 | 56,000/80,000 | 82 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 598 | 11 | 15 |
| 5 | YSC060G4*MB0000 | 14.0 | 60,000 | 56,000/80,000 | 82 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 627 | 13 | 15 |
| **YSC - 575/3/60 - Three Phase - Medium Heat** | | | | | | | | | | | |
| 3 | YSC036GW*MB0000 | 14.0 | 37,000 | 56,000/80,000 | 82 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 577 | 8 | 15 |
| 4 | YSC048GW*MB0000 | 14.0 | 49,000 | 56,000/80,000 | 82 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 598 | 10 | 15 |
| 5 | YSC060GW*MB0000 | 14.0 | 60,000 | 56,000/80,000 | 82 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 627 | 10 | 15 |
| **YSC - 208/230/3/60 - Three Phase - High Heat** | | | | | | | | | | | |
| 3 | YSC036G3*HB0000 | 14.0 | 37,000 | 67,200/96,000 | 82 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 577 | 20 | 30 |
| 4 | YSC048G3*HB0000 | 14.0 | 49,000 | 72,800/104,000 | 82 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 598 | 26 | 35 |
| 5 | YSC060G3*HB0000 | 14.0 | 60,000 | 84,000/120,000 | 82 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 627 | 29 | 40 |
| **YSC - 460/3/60 - Three Phase - High Heat** | | | | | | | | | | | |
| 3 | YSC036G4*HB0000 | 14.0 | 37,000 | 67,200/96,000 | 82 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 577 | 10 | 15 |
| 4 | YSC048G4*HB0000 | 14.0 | 49,000 | 72,800/104,000 | 82 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 598 | 11 | 15 |
| 5 | YSC060G4*HB0000 | 14.0 | 60,000 | 84,000/120,000 | 82 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 627 | 13 | 15 |
| **YSC - 575/3/60 - Three Phase - High Heat** | | | | | | | | | | | |
| 3 | YSC036GW*HB0000 | 14.0 | 37,000 | 67,200/96,000 | 82 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 577 | 8 | 15 |
| 4 | YSC048GW*HB0000 | 14.0 | 49,000 | 72,800/104,000 | 82 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 598 | 10 | 15 |
| 5 | YSC060GW*HB0000 | 14.0 | 60,000 | 84,000/120,000 | 82 | 41 x 44 x 69 | 18 x 15.5 | 24 x 14 | 627 | 10 | 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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# 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 Output① Capacity (Btuh) | AFUE% | Cabinet Dimensions (in.) H x W x L | Downflow Supply | Downflow Return | Shipping Weight (lbs.) | MCA** | Max. Fuse** |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **YHC - 208/230/3/60 - Three Phase - Low Heat** | | | | | | | | | | | |
| 6 | YHC072F3*LA0000 | 14.5 | 72,000 | 64,000 | 80 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 997 | 31 | 45 |
| 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 | 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 | 42 | 50 |
| 8 ½ | YHC102F3*LA0000 | 14.7 | 104,000 | 96,000 | 80 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 1124 | 41 | 50 |
| 10 | YHC120F3*LA0000 | 14.7 | 116,000 | 84,000/120,000 | 80 | 51 x 63 x 100 | 33 x 17.5 | 32 x 17.5 | 1563 | 48 | 60 |
| **YHC - 460/3/60 - Three Phase - Low Heat** | | | | | | | | | | | |
| 6 | YHC072F4*LA0000 | 14.5 | 72,000 | 64,000 | 80 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 997 | 15 | 20 |
| 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 | 20 |
| 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 | 20 | 25 |
| 8 ½ | YHC102F4*LA0000 | 14.7 | 104,000 | 96,000 | 80 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 1124 | 21 | 25 |
| 10 | YHC120F4*LA0000 | 14.7 | 116,000 | 84,000/120,000 | 80 | 51 x 63 x 100 | 33 x 17.5 | 32 x 17.5 | 1563 | 22 | 25 |
| **YHC - 575/3/60 - Three Phase - Low Heat** | | | | | | | | | | | |
| 6 | YHC072FW*LA0000 | 14.5 | 72,000 | 64,000 | 80 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 997 | 13 | 15 |
| 7 ½ | YHC092FW*LA0000 | 14.5 | 92,000 | 96,000 | 80 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 1124 | 21 | 25 |
| 8 ½ | YHC102FW*LA0000 | 14.5 | 104,000 | 96,000 | 80 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 1124 | 22 | 25 |
| 10 | YHC120FW*LA0000 | 14.7 | 116,000 | 84,000/120,000 | 80 | 51 x 63 x 100 | 33 x 17.5 | 32 x 17.5 | 1563 | 22 | 25 |
| **YHC - 208/230/3/60 - Three Phase - Medium Heat** | | | | | | | | | | | |
| 6 | YHC072F3*MA0000 | 14.5 | 72,000 | 96,000 | 80 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 997 | 31 | 45 |
| 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 | 50 |
| 7 ½ | YHC092F3*MA0000 | 14.5 | 92,000 | 84,000/120,000 | 80 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 1124 | 42 | 50 |
| 8 ½ | YHC102F3*MA0000 | 14.7 | 104,000 | 84,000/120,000 | 80 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 1124 | 41 | 50 |
| 10 | YHC120F3*MA0000 | 14.7 | 116,000 | 112,000/160,000 | 80 | 51 x 63 x 100 | 33 x 17.5 | 32 x 17.5 | 1563 | 48 | 60 |
| **YHC - 460/3/60 - Three Phase - Medium Heat** | | | | | | | | | | | |
| 6 | YHC072F4*MA0000 | 14.5 | 72,000 | 96,000 | 80 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 997 | 15 | 20 |
| 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 | 20 |
| 7 ½ | YHC092F4*MA0000 | 14.5 | 92,000 | 84,000/120,000 | 80 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 1124 | 20 | 25 |
| 8 ½ | YHC102F4*MA0000 | 14.7 | 104,000 | 84,000/120,000 | 80 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 1124 | 21 | 25 |
| 10 | YHC120F4*MA0000 | 14.7 | 116,000 | 112,000/160,000 | 80 | 51 x 63 x 100 | 33 x 17.5 | 32 x 17.5 | 1563 | 22 | 25 |
| **YHC - 575/3/60 - Three Phase - Medium Heat** | | | | | | | | | | | |
| 6 | YHC072FW*MA0000 | 14.5 | 72,000 | 96,000 | 80 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 997 | 13 | 15 |
| 7 ½ | YHC092FW*MA0000 | 14.5 | 92,000 | 84,000/120,000 | 80 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 1124 | 21 | 25 |
| 8 ½ | YHC102FW*MA0000 | 14.5 | 104,000 | 84,000/120,000 | 80 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 1124 | 22 | 25 |
| 10 | YHC120FW*MA0000 | 14.7 | 116,000 | 112,000/160,000 | 80 | 51 x 63 x 100 | 33 x 17.5 | 32 x 17.5 | 1563 | 22 | 25 |
| **YHC - 208/230/1/60 - Three Phase - High Heat** | | | | | | | | | | | |
| 6 | YHC072F3*HA0000 | 14.5 | 72,000 | 84,000/120,000 | 80 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 997 | 31 | 45 |
| 6 | YHC074F3*HA0000 | 15.5 | 73,000 | 85,050/121,050 | 81 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 1114 | 37 | 50 |
| 7 ½ | YHC092F3*HA0000 | 14.5 | 92,000 | 112,000/160,000 | 80 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 1124 | 42 | 50 |
| 8 ½ | YHC102F3*HA0000 | 14.7 | 104,000 | 112,000/160,000 | 80 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 1124 | 41 | 50 |
| 10 | YHC120F3*HA0000 | 14.7 | 116,000 | 140,000/200,000 | 80 | 51 x 63 x 100 | 33 x 17.5 | 32 x 17.5 | 1563 | 48 | 60 |
| **YHC - 208/230/3/60 - Three Phase - High Heat** | | | | | | | | | | | |
| 6 | YHC072F4*HA0000 | 14.5 | 72,000 | 84,000/120,000 | 80 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 997 | 15 | 20 |
| 6 | YHC074F4*HA0000 | 15.5 | 73,000 | 85,050/121,050 | 81 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 1114 | 18 | 20 |
| 7 ½ | YHC092F4*HA0000 | 14.5 | 92,000 | 112,000/160,000 | 80 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 1124 | 20 | 25 |
| 8 ½ | YHC102F4*HA0000 | 14.7 | 104,000 | 112,000/160,000 | 80 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 1124 | 21 | 25 |
| 10 | YHC120F4*HA0000 | 14.7 | 116,000 | 140,000/200,000 | 80 | 51 x 63 x 100 | 33 x 17.5 | 32 x 17.5 | 1563 | 22 | 25 |
| **YHC - 575/3/60 - Three Phase - High Heat** | | | | | | | | | | | |
| 6 | YHC072FW*HA0000 | 14.5 | 72,000 | 84,000/120,000 | 80 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 997 | 13 | 15 |
| 7 ½ | YHC092FW*HA0000 | 14.5 | 92,000 | 112,000/160,000 | 80 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 1124 | 21 | 25 |
| 8 ½ | YHC102FW*HA0000 | 14.5 | 104,000 | 112,000/160,000 | 80 | 47 x 53 x 88 | 33 x 17.5 | 32 x 17.5 | 1124 | 22 | 25 |
| 10 | YHC120FW*HA0000 | 14.7 | 116,000 | 140,000/200,000 | 80 | 51 x 63 x 100 | 33 x 17.5 | 32 x 17.5 | 1563 | 22 | 25 |

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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HEATING & AIR CONDITIONING

# 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 IEER | Cooling Capacity (Btuh) | Heating Output① Capacity (Btuh) | AFUE% | Cabinet Dimensions (in.) H x W x L | Downflow Supply | Downflow Return | Shipping Weight (lbs.) | MCA** | Max. Fuse** |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **YSC –208-230/3/60 – Three Phase – Low Heat** | | | | | | | | | | | |
| 6 | YSC072H3*LA0000 | 12.7 | 75,000 | 64,000 | 80 | 41 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 936 | 35 | 50 |
| 7½ | YSC090H3*LA0000 | 12.7 | 92,500 | 96,000 | 80 | 41 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 916 | 38 | 60 |
| 7½ | YSC092H3*LA0000 | 12.7 | 94,800 | 96,000 | 80 | 47 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 1059 | 39 | 50 |
| 8½ | YSC102H3*LA0000 | 12.7 | 107,200 | 96,000 | 80 | 47 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 1096 | 44 | 50 |
| 10 | YSC120H3*LA0000 | 12.7 | 116,000 | 84,000/120,000 | 80 | 47 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 1156 | 49 | 60 |
| **YSC –460/3/60 – Three Phase – Low Heat** | | | | | | | | | | | |
| 6 | YSC072H4*LA0000 | 12.7 | 75,000 | 64,000 | 80 | 41 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 936 | 17 | 25 |
| 7½ | YSC090H4*LA0000 | 12.7 | 92,500 | 96,000 | 80 | 41 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 916 | 19 | 30 |
| 7½ | YSC092H4*LA0000 | 12.7 | 94,800 | 96,000 | 80 | 47 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 1059 | 18 | 20 |
| 8½ | YSC102H4*LA0000 | 12.7 | 107,200 | 96,000 | 80 | 47 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 1096 | 21 | 25 |
| 10 | YSC120H4*LA0000 | 12.7 | 116,000 | 84,000/120,000 | 80 | 47 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 1156 | 22 | 25 |
| **YSC –575/3/60 – Three Phase – Low Heat** | | | | | | | | | | | |
| 6 | YSC072HW*LA0000 | 12.7 | 75,000 | 64,000 | 80 | 41 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 936 | 13 | 20 |
| 7½ | YSC090HW*LA0000 | 12.7 | 92,500 | 96,000 | 80 | 41 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 916 | 15 | 20 |
| 7½ | YSC092HW*LA0000 | 12.7 | 94,800 | 96,000 | 80 | 47 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 1059 | 15 | 20 |
| 8½ | YSC102HW*LA0000 | 12.7 | 107,200 | 96,000 | 80 | 47 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 1096 | 16 | 20 |
| 10 | YSC120HW*LA0000 | 12.7 | 116,000 | 84,000/120,000 | 80 | 47 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 1156 | 22 | 25 |
| **YSC –208-230/3/60 – Three Phase – Medium Heat** | | | | | | | | | | | |
| 6 | YSC072H3*MA0000 | 12.7 | 75,000 | 96,000 | 80 | 41 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 936 | 35 | 50 |
| 7½ | YSC090H3*MA0000 | 12.7 | 92,500 | 84,000/120,000 | 80 | 41 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 916 | 38 | 60 |
| 7½ | YSC092H3*MA0000 | 12.7 | 94,800 | 84,000/120,000 | 80 | 47 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 1059 | 39 | 50 |
| 8½ | YSC102H3*MA0000 | 12.7 | 107,200 | 84,000/120,000 | 80 | 47 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 1096 | 44 | 50 |
| 10 | YSC120H3*MA0000 | 12.7 | 116,000 | 112,000/160,000 | 80 | 47 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 1156 | 49 | 60 |
| **YSC –460/3/60 – Three Phase – Medium Heat** | | | | | | | | | | | |
| 6 | YSC072H4*MA0000 | 12.7 | 75,000 | 96,000 | 80 | 41 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 936 | 17 | 25 |
| 7½ | YSC090H4*MA0000 | 12.7 | 92,500 | 84,000/120,000 | 80 | 41 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 916 | 19 | 30 |
| 7½ | YSC092H4*MA0000 | 12.7 | 94,800 | 84,000/120,000 | 80 | 47 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 1059 | 18 | 20 |
| 8½ | YSC102H4*MA0000 | 12.7 | 107,200 | 84,000/120,000 | 80 | 47 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 1096 | 21 | 25 |
| 10 | YSC120H4*Ma0000 | 12.7 | 116,000 | 112,000/160,000 | 80 | 47 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 1156 | 22 | 25 |
| **YSC –575/3/60 – Three Phase – Medium Heat** | | | | | | | | | | | |
| 6 | YSC072HW*MA0000 | 12.7 | 75,000 | 96,000 | 80 | 41 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 936 | 13 | 20 |
| 7½ | YSC090HW*MA0000 | 12.7 | 92,500 | 84,000/120,000 | 80 | 41 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 916 | 15 | 20 |
| 7½ | YSC092HW*MA0000 | 12.7 | 94,800 | 84,000/120,000 | 80 | 47 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 1059 | 15 | 20 |
| 8½ | YSC102HW*MA0000 | 12.7 | 107,200 | 84,000/120,000 | 80 | 47 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 1096 | 16 | 20 |
| 10 | YSC120HW*MA0000 | 12.7 | 116,000 | 112,000/160,000 | 80 | 47 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 1156 | 22 | 25 |
| **YSC –208-230/3/60 – Three Phase – High Heat** | | | | | | | | | | | |
| 6 | YSC072H3*HA0000 | 12.7 | 75,000 | 84,000/120,000 | 80 | 41 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 936 | 35 | 50 |
| 7½ | YSC090H3*HA0000 | 12.7 | 92,500 | 112,000/160,000 | 80 | 41 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 916 | 38 | 60 |
| 7½ | YSC092H3*HA0000 | 12.7 | 94,800 | 112,000/160,000 | 80 | 47 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 1059 | 39 | 50 |
| 8½ | YSC102H3*HA0000 | 12.7 | 107,200 | 112,000/160,000 | 80 | 47 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 1096 | 44 | 50 |
| 10 | YSC120H3*HA0000 | 12.7 | 116,000 | 140,000/200,000 | 80 | 47 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 1156 | 49 | 60 |
| **YSC –460/3/60 – Three Phase – High Heat** | | | | | | | | | | | |
| 6 | YSC072H4*HA0000 | 12.7 | 75,000 | 84,000/120,000 | 80 | 41 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 936 | 17 | 25 |
| 7½ | YSC090H4*HA0000 | 12.7 | 92,500 | 112,000/160,000 | 80 | 41 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 916 | 19 | 30 |
| 7½ | YSC092H4*HA0000 | 12.7 | 94,800 | 112,000/160,000 | 80 | 47 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 1059 | 18 | 20 |
| 8½ | YSC102H4*HA0000 | 12.7 | 107,200 | 112,000/160,000 | 80 | 47 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 1096 | 21 | 25 |
| 10 | YSC120H4*HA0000 | 12.7 | 116,000 | 140,000/200,000 | 80 | 47 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 1156 | 22 | 25 |
| **YSC –575/3/60 – Three Phase – High Heat** | | | | | | | | | | | |
| 6 | YSC072HW*HA0000 | 12.7 | 75,000 | 84,000/120,000 | 80 | 41 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 936 | 13 | 20 |
| 7½ | YSC090HW*HA0000 | 12.7 | 92,500 | 112,000/160,000 | 80 | 41 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 916 | 15 | 20 |
| 7½ | YSC092HW*HA0000 | 12.7 | 94,800 | 112,000/160,000 | 80 | 47 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 1059 | 15 | 20 |
| 8½ | YSC102HW*HA0000 | 12.7 | 107,200 | 112,000/160,000 | 80 | 47 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 1096 | 16 | 20 |
| 10 | YSC120HW*HA0000 | 12.7 | 116,000 | 140,000/200,000 | 80 | 47 x 53 x 89 | 33 x 17.5 | 32 x 17.5 | 1156 | 22 | 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.



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# Packaged Gas/Electric Convertible 3-10 Tons (Model Digit Numbers)

| Digit | Description | Order Number |
|---|---|---|
| 1-8 | **Main Assembly (see previous page)** | |
| 9 | **Unit Controls** | |
| | Electromechanical | E |
| | **ReliaTel™** Micro-processor | R |
| 10 | **Heating Capacity** | |
| | Low | L |
| | Medium | M |
| | High | H |
| | Low - Stainless Steel Heat Exchanger | X |
| | Medium - Stainless Steel Heat Exchanger | Y |
| | High - Stainless Steel Heat Exchanger | Z |
| 11 | **Minor Design Sequence** | |
| | First Sequence | A |
| 12-13 | **Service Sequence** | |
| | First Sequence (Factory assigned) | ∗,∗ |
| 14 | **Fresh Air Selection** | |
| | No Fresh Air | 0 |
| | Manual Outside Air Damper 0-50%④ | A |
| | Motorized Outside Air Damper 0-50%㉘ | B |
| | Economizer, Dry Bulb 0-100% without Barometric Relief⑦ | C |
| | Economizer, Dry Bulb 0-100% with Barometric Relief⑦ | D |
| | Economizer, Reference Enthalpy 0-100% without Barometric Relief③⑦ | E |
| | Economizer, Reference Enthalpy 0-100% with Barometric Relief③⑦ | F |
| | Economizer, Comparative Enthalpy 0-100% without Barometric Relief③⑦ | G |
| | Economizer, Comparative Enthalpy 0-100% with Barometric Relief③⑦ | H |
| | Low Leak Economizer, Dry Bulb with Barometric Relief | K |
| | Low Leak Economizer, Comparative Enthalpy with Barometric Relief | M |
| | Low Leak Economizer, Reference Enthalpy with Barometric Relief | P |
| 15 | **Supply Fan/Drive Type/Motor** | |
| | Standard Drive⑥ | 0 |
| | Oversized Motor | 1 |
| | Optional Belt Drive Motor⑱ | 2 |
| | Single Zone VAV㉘ | 6 |
| | Multi-Speed Indoor Fan㉗ | 7 |
| | VAV Supply Air Temperature Control Standard Motor㉝ | E |
| 16 | **Hinged Service Access/Filters** | |
| | Standard Panels/Standard Filters | 0 |
| | Hinged Access Panels/Standard Filters | A |
| | Standard Panels/2" MERV 8 Filters | B |
| | Hinged Access Panels/2" MERV 8 Filters | C |
| | Standard Panels/2" MERV 13 Filters | D |
| | Hinged Access Panels/2" MERV 13 Filters | E |
| 17 | **Condenser Coil Protection** | |
| | Standard Coil | 0 |
| | Standard Coil with Hail Guard | 1 |
| | Black Epoxy Pre-Coated Condenser Coil㉕ | 2 |
| | Black Epoxy Pre-Coated Condenser Coil with Hail Guard㉕ | 3 |
| | CompleteCoat™ Condenser Coil | 4 |
| | CompleteCoat™ Condenser Coil with Hail Guard | 5 |
| 18 | **Through the Base Provisions** | |
| | ***Note:*** *Applicable to Digit 1,T or Y models* | |
| | NoThrough-the-Base Provisions | 0 |
| | Through-the-Base Electric⑧ | A |
| | ***Note:*** *Applicable to Digit 1,Y models only* | |
| | Through-the-Base Gas Piping⑯ | B |
| | Through-the-Base Electric and Gas Piping⑯ | C |
| 19 | **Disconnect/Circuit Breaker (three-phase only)** | |
| | No Disconnect/No Circuit Breaker | 0 |
| | Unit Mounted Non-Fused Disconnect⑧ | 1 |
| | Unit Mounted Circuit Breaker⑧ | 2 |
| 20 | **Convenience Outlet** | |
| | No Convenience Outlet | 0 |
| | Unpowered Convenience Outlet | A |
| | Powered Convenience Outlet (three-phase only)⑨ | B |
| 21 | **Communications Options③** | |
| | No Communications Interface | 0 |
| | BACnet™ Communications Interface | 6 |
| 22 | **Refrigeration System Option** | |
| | Standard Refrigeration System⑩ | 0 |
| | Dehumidification Option㉒㉓㉝ | B |
| 23 | **Refrigeration Controls** | |
| | ***Note:*** *Applicable to Digit 7 = E, F* | |
| | No Refrigeration Contro⑤ | 0 |
| | Frostat⑪㉙ | 1 |
| 24 | **Smoke Detector⑰** | |
| | No Smoke Detector | 0 |
| | Return Air Smoke Detector⑫⑬ | A |
| | Supply Air Smoke Detector | B |
| | Supply and Return Air Smoke Detectors⑫⑬ | C |
| | Plenum Smoke Detector | D |
| 25 | **System Monitoring Controls** | |
| | No Monitoring Control⑭ | 0 |
| | Clogged Filter Switch⑭ | 1 |
| | Fan Failure Switch⑭ | 2 |
| | Discharge Air SensingTube⑭ | 3 |
| | Clogged Filter Switch and Fan Failure Switch⑭ | 4 |
| | Clogged Filter Switch and Discharge Air SensingTube⑭ | 5 |
| | Fan Failure Switch and Discharge Air SensingTube⑭ | 6 |
| | Clogged Filter Switch, Fan Failure Switch and Discharge Air SensingTube⑭ | 7 |
| | Condensate Drain Pan Overflow Switch | A |
| | Clogged Filter Switch⑭ and Condensate Drain Pan Overflow Switch | B |
| | Fan Failure Switch⑭ and Condensate Drain Pan Overflow Switch | C |
| | Discharge Air Sensing⑭ and Condensate Drain Pan Overflow Switch | D |
| | Clogged Filter Switch⑭, Fan Failure Switch⑭ and Condensate Drain Pan Overflow Switch | E |
| | Clogged Filter Switch⑭, Discharge Air SensingTube⑭ and Condensate Drain Pan Overflow Switch | F |
| | Fan Failure Switch, Discharge Air SensingTube⑭ and Condensate Drain Pan Overflow Switch | G |
| | Clogged Filter Switch⑭, Fan Failure Switch⑭, Discharge Air Sensing⑭ and Condensate Drain Pan Overflow Switch | H |
| 26 | **System Monitoring Controls** | |
| | No Monitoring Controls | 0 |
| | Demand Control Ventilation ($CO_2$)㉛㉜ | A |
| 27 | **Unit Hardware Enhancements** | |
| | No Enhancements | 0 |
| | Stainless Steel Drain Pan | 1 |
| 31 | **Advanced Unit Controls** | |
| | Standard Unit Controls | 0 |
| | Human Interface | 1 |

See Footnotes ①-㉝ 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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# 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 Selection Details**

**Digit 15 = 0**

**Standard Efficiency**
3 Phase (3 to 5 Ton) = Multispeed Direct Drive Motor
3 Phase (6 to 8.5 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 to 5 ton) = High Efficiency Multispeed Direct Drive Motor
3 Phase (3 to 5 ton w/Dehumidification) = Belt Drive Motor
3 Phase [6 (074) to 10 ton] = Ultra High Efficiency Direct Drive Plenum Fan

**Digit 15 = 2**

**Standard Efficiency**
3 Phase = Not Available

**High Efficiency**
1 Phase = Not Available

**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 Frostat 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 onT/YSC 6, 7½ (single and dual systems), 8½, 10 ton standard efficiency models andT/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 ZoneVAV 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 Frostat 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 $CO_2$ sensor is a field-installed only option.

㉝ When ordering Dehumidification option, digit #7 will revert back to E, not F.

# Packaged Gas/Electric Convertible 3-10 Tons Accessories



**Table LPG-9-A — Accessories**

| Model Number | Description | Used With⑪ |
|---|---|---|
| BAYABRD001C③ | **ReliaTel™** Options Module | All Y*C036-120* |
| BAYASCT001C⑦⑧ | Anti-Short-Cycle Timer | All Y*C036-120* w/ Electro Mechanical |
| BAYBARM010A⑤ | Barometric Relief | YSC036, YHC036, YHC037 |
| BAYBARM011A⑤ | Barometric Relief | YSC048-120, YHC047-120 |
| BAYBCIR001A | BACnet™ Communication Interface | All Y*C036-120* w/ ReliaTel™ |
| BAYCURB042A② | Roof Curb | YSC036-060, YHC036, YHC037 |
| BAYCURB043A② | Roof Curb | YSC072-120, YHC047-102 |
| BAYCURB044A | Roof Curb | YHC120F |
| BAYDFPS003B③⑥ | Clogged Filter Switch | All Y*C036-120* |
| BAYDFPS014A | Clogged Filter Switch (MERV 13 Filter | All Y*C036-120* |
| BAYDFPS004③⑥ | 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 |
| BAYDMPR051A③ | 0-50% Motorized Outside Air Damper | YSC036, YHC036, YHC037 (ReliaTel™) |
| BAYDMPR052B⑦ | 0-50% Motorized Outside Air Damper | YSC036, YHC036 (Electro Mechanical) |
| BAYDMPR054A③ | 0-50% Motorized Outside Air Damper | YSC048-120, YHC047-120 (ReliaTel™) |
| BAYDMPR055B⑦ | 0-50% Motorized Outside Air Damper | YSC048-120, YHC048-120(Electro Mechanical) |
| BAYECON085A③ | 0-100% Dry Bulb Economizer | YSC036, YHC036, YHC037 (ReliaTel™) |
| BAYECON086B⑦ | 0-100% Dry Bulb Economizer | YSC036, YHC036 (Electro Mechanical) |
| BAYECON087A③ | 0-100% Dry Bulb Economizer | YSC048-120, YHC047-120 (ReliaTel™) |
| BAYECON088B⑦ | 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) |
| BAYENTH005A① | Reference Enthalpy Kit | BAYECON085A, 087A (ReliaTel™) |
| BAYENTH006B① | Comparative Enthalpy Kit | BAYECON086A, 087A (ReliaTel™) |
| BAYFRST003A③④ | High Temperature Stat | All Y*C036-120* |
| BAYGARD237A | Condenser Coil Hail Guard | YHC036, YHC037 |
| BAYGARD240A. | Condenser Coil Hail Guard | YSC072-090, YHC047-067 |
| BAYGARD241A | Condenser Coil Hail Guard | YSC092-120 |
| BAYGARD270A | Condenser Coil Hail Guard | YHC120 |
| BAYGARD437A | Condenser Coil Hail Guard | YSC036-060 |
| BAYGARD241A | 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

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



Effective 1/1/21
14-1011-38

# Packaged Gas/Electric Convertible 3-10 Tons Accessories



**Table LPG-10-A — Accessories**

| Model Number | Description | Used With⑩ |
|---|---|---|
| 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 |
| BAYLMSW001A⑪ | Power Exhaust Limit Switch | All Y*C036-120* |
| BAYLOAM020B1⑤ | Evaporator Defrost Control (Frostat) | YHC036-067E*R, |
| BAYLOAM120A | Evaporator Defrost Control (Frostat) | YSC036-060G*R (ReliaTel™) |
| BAYLTCI002B④ | LonTalk® Communications Interface (LCI | All Y*C036-120*, R (ReliaTel™) |
| BAYLPKT029D⑭ | 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 |
| BAYLPKT050C⑮ | LP Conversion Kit | YSC072*L/M, YSC090-102*L, YHC036-0060*L/M/H, YHC072*L/M, YHC0992-102*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 |
| BAYQACB114A②⑯ | Quick Adapt Roof Curb | YSC072-120H, YHC048-102H |
| BAYQACB115A②⑰ | Quick Adapt Roof Curb | YSC072-120H, YHC048-102H |
| BAYRTEM001A⑫ | Fully Featured **ReliaTel™** Economizer Logic Model | All Y*C036-120* |
| BAYSENS016A④ | Temperature Sensor | All Y*C036-120* |
| BAYSENS250A3⑬ | CO2 Duct Mounted, Sensor Only | All Y*C036-120*, R (ReliaTel™) |
| BAYSENS251A3⑬ | 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 |
| BAYVNOR001B④⑤⑨ | 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.
⑭ BAYLPKT029 is for 2 stage gas units. If 036-060 model has digit 7=G AND digit 11=B, it's a 2 stage gas unit. Use BAYLPKT029.
⑮ BAYLPKT050 is for 1 stage gas units. If 036-060 model has digit 7=G AND digit 11=A, it's a 1 stage gas unit. Use BAYLPKT050.
⑯ Precedent E cabinet to Precedent D cabinet (BAYCURB044 to BAYCURB043)
⑰ Precedent B cabinet to Precedent C cabinet (BAYCURB042 to BAYCURB043)

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



Effective 1/1/21
14-1011-38

# 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 Sensor① | 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.

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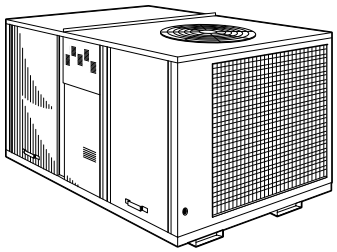
HEATING & AIR CONDITIONING

# 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 IEER③ | 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** | Downflow① Roofcurb |
|---|---|---|---|---|---|---|---|---|---|---|
| **YH* - Three Phase Low Heat** | | | | | | | | | | |
| 12½ | YH*150G3RLB0000 | 208-230/3/60 | 13.5 | 144,000 | 120,000 | 54 x 85 5/16 x 122 5/16 | 2691 | 65 | 90 | BAYCURB027B |
| 15 | YH*180G3RLB0000 | 208-230/3/60 | 14.0 | 174,000 | 200,000 | 64 1/8 x 85 5/16 x 122 5/16 | 2660 | 68 | 90 | BAYCURB027B |
| 17½ | YH*210G3RLB0000 | 208-230/3/60 | 13.0 | 204,000 | 200,000 | 64 1/8 x 85 5/16 x 122 5/16 | 2619 | 86 | 110 | BAYCURB027B |
| 20 | YH*240G3RLB0000 | 208-230/3/60 | 12.4 | 234,000 | 200,000 | 64 1/8 x 85 5/16 x 122 5/16 | 2690 | 99 | 125 | BAYCURB027B |
| 25 | YH*300G3RLB0000 | 208-230/3/60 | 12.4 | 274,000 | 200,000 | 64 1/8 x 85 5/16 x 122 5/16 | 2719 | 121 | 150 | BAYCURB027B |
| 12½ | YH*150G4RLB0000 | 460/3/60 | 13.5 | 144,000 | 120,000 | 54 x 85 5/16 x 122 5/16 | 2691 | 30 | 40 | BAYCURB027B |
| 15 | YH*180G4RLB0000 | 460/3/60 | 14.0 | 174,000 | 200,000 | 64 1/8 x 85 5/16 x 122 5/16 | 2660 | 33 | 45 | BAYCURB027B |
| 17½ | YH*210G4RLB0000 | 460/3/60 | 13.0 | 204,000 | 200,000 | 64 1/8 x 85 5/16 x 122 5/16 | 2619 | 43 | 60 | BAYCURB027B |
| 20 | YH*240G4RLB0000 | 460/3/60 | 12.4 | 234,000 | 200,000 | 64 1/8 x 85 5/16 x 122 5/16 | 2690 | 46 | 60 | BAYCURB027B |
| 25 | YH*300G4RLB0000 | 460/3/60 | 12.4 | 274,000 | 200,000 | 64 1/8 x 85 5/16 x 122 5/16 | 2719 | 57 | 70 | BAYCURB027B |
| 12½ | YH*150GWRLB0000 | 575/3/60 | 13.5 | 144,000 | 120,000 | 54 x 85 5/16 x 122 5/16 | 2691 | 24 | 30 | BAYCURB027B |
| 15 | YH*180GWRLB0000 | 575/3/60 | 14.0 | 174,000 | 200,000 | 64 1/8 x 85 5/16 x 122 5/16 | 2660 | 26 | 35 | BAYCURB027B |
| 17½ | YH*210GWRLB0000 | 575/3/60 | 13.0 | 204,000 | 200,000 | 64 1/8 x 85 5/16 x 122 5/16 | 2619 | 33 | 45 | BAYCURB027B |
| 20 | YH*240GWRLB0000 | 575/3/60 | 12.4 | 234,000 | 200,000 | 64 1/8 x 85 5/16 x 122 5/16 | 2690 | 38 | 50 | BAYCURB027B |
| 25 | YH*300GWRLB0000 | 575/3/60 | 12.4 | 274,000 | 200,000 | 64 1/8 x 85 5/16 x 122 5/16 | 2719 | 44 | 50 | BAYCURB027B |
| **YH* - Three Phase High Heat** | | | | | | | | | | |
| 12½ | YH*150G3RHB0000 | 208-230/3/60 | 13.5 | 144,000 | 200,000 | 54 x 85 5/16 x 122 5/16 | 2691 | 65 | 90 | BAYCURB027B |
| 15 | YH*180G3RHB0000 | 208-230/3/60 | 14.0 | 174,000 | 280,000 | 64 1/8 x 85 5/16 x 122 5/16 | 2660 | 68 | 90 | BAYCURB027B |
| 17½ | YH*210G3RHB0000 | 208-230/3/60 | 13.0 | 204,000 | 280,000 | 64 1/8 x 85 5/16 x 122 5/16 | 2619 | 86 | 110 | BAYCURB027B |
| 20 | YH*240G3RHB0000 | 208-230/3/60 | 12.4 | 234,000 | 320,000 | 64 1/8 x 85 5/16x 122 5/16 | 2690 | 99 | 125 | BAYCURB027B |
| 25 | YH*300G3RHB0000 | 208-230/3/60 | 12.4 | 274,000 | 320,000 | 64 1/8 x 85 5/16 x 122 5/16 | 2719 | 121 | 150 | BAYCURB027B |
| 12½ | YH*150G4RHB0000 | 460/3/60 | 13.5 | 144,000 | 200,000 | 54 x 85 5/16 x 122 5/16 | 2691 | 30 | 40 | BAYCURB027B |
| 15 | YH*180G4RHB0000 | 460/3/60 | 14.0 | 174,000 | 280,000 | 64 1/8 x 85 5/16 x 122 5/16 | 2660 | 33 | 45 | BAYCURB027B |
| 17½ | YH*210G4RHB0000 | 460/3/60 | 13.0 | 204,000 | 280,000 | 64 1/8 x 85 5/16 x 122 5/16 | 2619 | 43 | 60 | BAYCURB027B |
| 20 | YH*240G4RHB0000 | 460/3/60 | 12.4 | 234,000 | 320,000 | 64 1/8 x 85 5/16 x 122 5/16 | 2690 | 46 | 60 | BAYCURB027B |
| 25 | YH*300G4RHB0000 | 460/3/60 | 12.4 | 274,000 | 320,000 | 64 1/8 x 85 5/16 x 122 5/16 | 2719 | 57 | 70 | BAYCURB027B |
| 12½ | YH*150GWRHB0000 | 575/3/60 | 13.5 | 144,000 | 200,000 | 54 x 85 5/16 x 122 5/16 | 2691 | 24 | 30 | BAYCURB027B |
| 15 | YH*180GWRHB0000 | 575/3/60 | 14.0 | 174,000 | 280,000 | 64 1/8 x 85 5/16 x 122 5/16 | 2660 | 26 | 35 | BAYCURB027B |
| 17½ | YH*210GWRHB0000 | 575/3/60 | 13.0 | 204,000 | 280,000 | 64 1/8 x 85 5/16 x 122 5/16 | 2619 | 33 | 45 | BAYCURB027B |
| 20 | YH*240GWRHB0000 | 575/3/60 | 12.4 | 234,000 | 320,000 | 64 1/8x 85 5/16 x 122 5/16 | 2690 | 38 | 50 | BAYCURB027B |
| 25 | YH*300GWRHB0000 | 575/3/60 | 12.4 | 274,000 | 320,000 | 64 1/8x 85 5/16 x 122 5/16 | 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.



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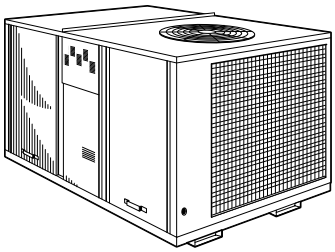
# Packaged Gas/Electric with ReliaTel™ Controls 12½-25 Tons, R-410A



**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** | Downflow① Roofcurb |
|---|---|---|---|---|---|---|---|---|---|---|
| **YS* - Three Phase Low Heat** | | | | | | | | | | |
| 12½ | YS*150G3RLA0000 | 208-230/3/60 | 12.2 | 140,000 | 122,000 | 50 1/8 x 71 5/8 x 107 5/16 | 1781 | 61 | 80 | BAYCURB026B |
| 15 | YS*180G3RLA0000 | 208-230/3/60 | 12.2 | 176,000 | 203,000 | 54 x 85 5/16 x 122 5/16 | 2281 | 69 | 90 | BAYCURB027B |
| 17½ | YS*210G3RLA0000 | 208-230/3/60 | 12.2 | 193,000 | 203,000 | 54 x 85 5/16 x 122 5/16 | 2292 | 77 | 100 | BAYCURB027B |
| 20 | YS*240G3RLA0000 | 208-230/3/60 | 11.4 | 240,000 | 203,000 | 54 x 85 5/16 x 122 5/16 | 2353 | 105 | 125 | BAYCURB027B |
| 25 | YS*300G3RLA0000 | 208-230/3/60 | 11.4 | 272,000 | 203,000 | 54 x 85 5/16 x 122 5/16 | 2337 | 112 | 150 | BAYCURB027B |
| 12½ | YS*150G4RLA0000 | 460/3/60 | 12.2 | 140,000 | 122,000 | 50 1/8 x 71 5/8 x 107 5/16 | 1781 | 29 | 40 | BAYCURB026B |
| 15 | YS*180G4RLA0000 | 460/3/60 | 12.2 | 176,000 | 203,000 | 54 x 85 5/16 x 122 5/16 | 2281 | 36 | 50 | BAYCURB027B |
| 17½ | YS*210G4RLA0000 | 460/3/60 | 12.2 | 193,000 | 203,000 | 54 x 85 5/16 x 122 5/16 | 2292 | 39 | 50 | BAYCURB027B |
| 20 | YS*240G4RLA0000 | 460/3/60 | 11.4 | 240,000 | 203,000 | 54 x 85 5/16 x 122 5/16 | 2353 | 51 | 70 | BAYCURB027B |
| 25 | YS*300G4RLA0000 | 460/3/60 | 11.4 | 272,000 | 203,000 | 54 x 85 5/16 x 122 5/16 | 2337 | 55 | 70 | BAYCURB027B |
| 12½ | YS*150GWRLA0000 | 575/3/60 | 12.2 | 140,000 | 122,000 | 50 1/8 x 71 5/8 x 107 5/16 | 1781 | 22 | 30 | BAYCURB026B |
| 15 | YS*180GWRLA0000 | 575/3/60 | 12.2 | 176,000 | 203,000 | 54 x 85 5/16 x 122 5/16 | 2281 | 30 | 40 | BAYCURB027B |
| 17½ | YS*210GWRLA0000 | 575/3/60 | 12.2 | 193,000 | 203,000 | 54 x 85 5/16 x 122 5/16 | 2292 | 34 | 45 | BAYCURB027B |
| 20 | YS*240GWRLA0000 | 575/3/60 | 11.4 | 240,000 | 203,000 | 54 x 85 5/16 x 122 5/16 | 2353 | 43 | 60 | BAYCURB027B |
| 25 | YS*300GWRLA0000 | 575/3/60 | 11.4 | 272,000 | 203,000 | 54 x 85 5/16 x 122 5/16 | 2337 | 45 | 60 | BAYCURB027B |
| **YS* - Three Phase High Heat** | | | | | | | | | | |
| 12½ | YS*150G3RHA0000 | 208-230/3/60 | 12.2 | 140,000 | 203,000 | 50 1/8 x 71 5/8 x 107 5/16 | 1781 | 61 | 80 | BAYCURB026B |
| 15 | YS*180G3RHA0000 | 208-230/3/60 | 12.2 | 176,000 | 284,000 | 54 x 85 5/16 x 122 5/16 | 2281 | 69 | 90 | BAYCURB027B |
| 17½ | YS*210G3RHA0000 | 208-230/3/60 | 12.2 | 193,000 | 284,000 | 54 x 85 5/16 x 122 5/16 | 2292 | 77 | 100 | BAYCURB027B |
| 20 | YS*240G3RHA0000 | 208-230/3/60 | 11.4 | 240,000 | 324,000 | 54 x 85 5/16 x 122 5/16 | 2353 | 105 | 125 | BAYCURB027B |
| 25 | YS*300G3RHA0000 | 208-230/3/60 | 11.4 | 272,000 | 324,000 | 54 x 85 5/16 x 122 5/16 | 2337 | 112 | 150 | BAYCURB027B |
| 12½ | YS*150G4RHA0000 | 460/3/60 | 12.2 | 140,000 | 203,000 | 50 1/8 x 71 5/8 x 107 5/16 | 1781 | 29 | 40 | BAYCURB026B |
| 15 | YS*180G4RHA0000 | 460/3/60 | 12.2 | 176,000 | 284,000 | 54 x 85 5/16 x 122 5/16 | 2281 | 36 | 50 | BAYCURB027B |
| 17½ | YS*210G4RHA0000 | 460/3/60 | 12.2 | 193,000 | 284,000 | 54 x 85 5/16 x 122 5/16 | 2292 | 39 | 50 | BAYCURB027B |
| 20 | YS*240G4RHA0000 | 460/3/60 | 11.4 | 240,000 | 324,000 | 54 x 85 5/16 x 122 5/16 | 2353 | 51 | 70 | BAYCURB027B |
| 25 | YS*300G4RHA0000 | 460/3/60 | 11.4 | 272,000 | 324,000 | 54 x 85 5/16 x 122 5/16 | 2337 | 55 | 70 | BAYCURB027B |
| 12½ | YS*150GWRHA0000 | 575/3/60 | 12.2 | 140,000 | 203,000 | 50 1/8 x 71 5/8 x 107 5/16 | 1781 | 22 | 30 | BAYCURB026B |
| 15 | YS*180GWRHA0000 | 575/3/60 | 12.2 | 176,000 | 284,000 | 54 x 85 5/16 x 122 5/16 | 2281 | 30 | 40 | BAYCURB027B |
| 17½ | YS*210GWRHA0000 | 575/3/60 | 12.2 | 193,000 | 284,000 | 54 x 85 5/16 x 122 5/16 | 2292 | 34 | 45 | BAYCURB027B |
| 20 | YS*240GWRHA0000 | 575/3/60 | 11.4 | 240,000 | 324,000 | 54 x 85 5/16 x 122 5/16 | 2353 | 43 | 60 | BAYCURB027B |
| 25 | YS*300GWRHA0000 | 575/3/60 | 11.4 | 272,000 | 324,000 | 54 x 85 5/16 x 122 5/16 | 2337 | 45 | 60 | BAYCURB027B |

① 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.



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HEATING & AIR CONDITIONING

# Packaged Cooling with ReliaTel™ Controls 12½-25 Tons (Model Digit Numbers)

Light Commercial Packaged Gas/Electric

| Digit | Description | Order Number |
|---|---|---|
| 1 | **Unit Type** | |
| | Packaged Cooling, Electric Heat | T |
| | Packaged Gas/Electric | Y |
| 2 | **Efficiency** | |
| | Standard Efficiency | S |
| | High Efficiency | H |
| 3 | **Airflow Configuration** | |
| | Downflow | D |
| | Horizontal | H |
| 4-6 | **Nominal Gross Cooling Capacity (MBh)** | |
| | 12½ Tons | 150 |
| | 15 Tons | 180 |
| | 17½ Tons | 210 |
| | 20 Tons | 240 |
| | 25 Tons | 300 |
| 7 | **Major Design Sequence** | |
| | Microchannel Type Condenser Coils | F |
| 8 | **Voltage Selection** | |
| | 208-230/60/3 | 3 |
| | 460/60/3 | 4 |
| | 575/60/3 | W |
| | 380/60/3 | K |
| 9 | **Unit Controls** | |
| | ReliaTel™ | R |
| 10 | **Heating Capacity** | |
| | No Heat② | 0 |
| | 18 kW Electric Heat② | G |
| | 27 kW Electric Heat② | K |
| | 36 kW Electric Heat② | N |
| | 54 kW Electric Heat② | P |
| | 72 kW Electric Heat② | R |
| | Gas Heat - High① | H |
| | Gas Heat - Low① | L |
| | Gas Heat - SS Ht Ex - Modulating① | V |
| | Gas Heat - SS Ht Ex - Low① | X |
| | Gas Heat - SS Ht Ex - High① | Z |
| 11 | **Minor Design Sequence** | |
| 12-13 | **Service Sequence** | |
| 14 | **Fresh Air Selection** | |
| | No Fresh Air | 0 |
| | Econ Dry Bulb w/ Barometric Relief | D |
| | Econ Reference Enthalpy w/Barometric Relief | F |
| | Econ Comparative Enthalpy w/Barometric Relief | H |
| | Low Leak Economizer, Dry Bulb with Barometric Relief | K |
| | Low Leak Economizer, Comparative Enthalpy with Barometric Relief | M |
| | Low Leak Economizer, Reference Enthalpy with Barometric Relief | P |
| 15 | **Supply Fan/Drive Type/Motor** | |
| | Standard Motor | 0 |
| | Oversized Motor | 1 |
| | High Efficiency Motor | 3 |
| | Single Zone Variable Air Volume Standard Motor | 6 |
| | Multi-Speed Standard Motor | 7 |
| | Single Zone Variable Air Volume Oversized Motor | 8 |
| | Multi-Speed Oversized Motor | 9 |
| | Single Zone Variable Air Volume Standard Motor w/Shaft Ground Ring | A |
| | Multi-Speed Standard Motor w/Shaft Ground Ring | B |
| | Single Zone Variable Air Volume Oversized Motor w/Shaft Ground Ring | C |
| | Multi-Speed Oversized Motor w/Shaft Ground Ring | D |
| 16 | **Hinged Service Access / Filters** | |
| | Standard Panels/Standard Filters | 0 |
| | Hinged Access/Standard Filters | A |
| | Standard Panels/MERV 8 Filters | B |
| | Hinged Access/MERV 8 Filters | C |
| | Standard Panels/MERV 13 Filters | D |
| | Hinged Access/MERV 13 Filters | E |
| 17 | **Condenser Coil Protection** | |
| | Standard Coil | 0 |
| | Standard Coil With Hail Guard | 1 |
| | CompleteCoat™ Condenser Coil | 4 |
| | CompleteCoat™ Condenser Coil with Hail Guard | 5 |
| 18 | **Through The Base Provisions**. | |
| | 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 |

| Digit | Description | Order Number |
|---|---|---|
| 19 | **Disconnect Switch/Circuit Breaker** | |
| | No Disconnect/circuit break | 0 |
| | Unit Mounted Non-Fused Disconnect Switch | 1 |
| | Unit Mounted Circuit Breaker | 2 |
| 20 | **Convenience Outlet Option** | |
| | Without Convenience Outlet | 0 |
| | Unpowered Convenience Outlet | A |
| | Powered Convenience Outlet | B |
| 21 | **Communications Options** | |
| | Without Communications Options | 0 |
| | Novar 2024 Controls Interface④ | 3 |
| | Novar 3051 Controls Interface④ | 4 |
| | Novar 3051 Communications Interface with Demand Control Ventilation④ | 5 |
| | Building Automation Control Network Communications Interface | 6 |
| 22 | **Refrigeration System Option** | |
| | Standard refrigeration system | 0 |
| | Thermal Expansion Valve (TXV) | A |
| | Dehumidification (Hot Gas Reheat) | B |
| 23 | **Refrigeration Controls** | |
| | Without Refrigeration Controls | 0 |
| | Frostat | 1 |
| 24 | **Smoke Detector** | |
| | Without Smoke Detector | 0 |
| | Return Air Smoke Detector | A |
| | Supply Air Smoke Detector | B |
| | Return/Supply Air Smoke Detector | C |
| | Plenum Smoke Detector | D |
| 25 | **System Monitoring Controls** | |
| | No Monitoring Controls | 0 |
| | Clogged Filter Switch | 1 |
| | Fan Failure Switch | 2 |
| | Discharge Air Sensing | 3 |
| | Clogged Filter Switch and Fan Failure switch | 4 |
| | Clogged Filter Switch and Discharge Air Sensing | 5 |
| | Fan Failure Switch and Discharge Air Sensing | 6 |
| | Clogged Filter Switch, Fan Failure Switch and Discharge Air Sensing | 7 |
| | NOVAR Return Air Sensor (Novar 2024)④ | 8 |
| | NOVAR Zone Temp Sensor(Novar 3051)④ | 9 |
| | Condensate Drain Pan Overflow Switch | A |
| | Clogged Filter Switch and Condensate Drain Pan Overflow Switch | B |
| | Fan Failure Switch and Condensate Drain Pan Overflow Switch | C |
| | Discharge Air Sensing and Condensate Drain Pan Overflow Switch | D |
| | Clogged Filter Switch, Fan Failure Switch and Condensate Drain Pan Overflow Switch | E |
| | Clogged Filter Switch, Discharge Air Sensing Tube and Condensate Drain Pan Overflow Switch | F |
| | Fan Failure Switch, Discharge Air Sensing Tube and Condensate Drain Pan Overflow Switch | G |
| | Clogged Filter Switch, Fan Failure Switch, Discharge Air Sensing and Condensate Drain Pan Overflow Switch | H |
| 26 | **System Monitoring Controls** | |
| | No Monitoring Controls | 0 |
| | Demand Control Ventilation ($CO_2$)⑤ | A |
| 27 | **Unit Hardware Enhancements** | |
| | No Enhancements | 0 |
| | Stainless Steel Drain Pan | 1 |
| 28 | **Short Circuit Current Rating (SCCR)** | |
| | Standard SCCR | 0 |
| | 65 kA SCCR | A |
| 31 | **Advanced Unit Controls** | |
| | Standard Unit Controls | 0 |
| | Human Interface | 1 |

**Note:** *Most Factory Installed Options available for Downflow Air Discharge units only. Please verify with ordering system for availability.*

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.*

⑥ Novar is not available with SZ VAV products.
⑦ Demand Control Ventilation Option includes wiring only. The $C0_2$ 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.



Effective 1/1/21
14-1011-38

# Packaged Gas/Electric with ReliaTel™ Controls 12½-25 Tons Accessories



**Table LPG-15-A — Field Installed Accessories**

| Model Number | Description | Used With |
|---|---|---|
| BAYABRD002B⑧ | **ReliaTel™** Options Module | All Voyagers |
| BAYBCIR001A | Bacnet™ Communication Interface | ReliaTel™ Controller (BCI-R) |
| BAYCO2K002B | $CO_2$ Sensor Wall Mounted | All Voyagers |
| BAYCO2K004B | $CO_2$ Sensor Duct Mounted | All Voyagers |
| BAYCURB026B⑤⑥ | Downflow Only Roof Curb | YSD150F |
| BAYCURB027B⑤⑥ | Downflow Only Roof Curb | YHD150-YHD300F, YSD180-YSD300F |
| BAYDFPS005A⑦⑧ | Clogged Filter Switch (MERV 7) | All Voyagers |
| BAYDFPS006A⑦⑧ | 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 |
| BAYECON089A⑧ | Downflow Economizer with Barometric Relief | YSD150F |
| BAYECON090A⑧ | 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 |
| BAYENTH007A①② | Reference Enthalpy Kit | All BAYECON089A-092A |
| BAYENTH008A①③ | Comparative Enthalpy Kit | All BAYECON089A-092A |
| BAYFRST003A | High Temperature Stat | All Voyagers |
| BAYGARD144A⑧ | Tool-less Hail Guard | YS*150F |
| BAYGARD145A⑧ | Tool-less Hail Guard | YH*150F, YS*180F-300F |
| BAYGARD150A⑧ | Tool-less Hail Guard | YH*210F-300F,YH*180F |
| BAYHSDR005B④ | 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

**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.



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# Packaged Gas/Electric with ReliaTel™ Controls 12½-25 Tons Accessories



**Table LPG-16-A — Field Installed Accessories**

| Model Number | Description | Used With |
|---|---|---|
| BAYHSMT039B①④ | 5HP Oversized Motor Kit (208-230/460V) | YS*150F |
| BAYHSMT040B④ | 5HP Oversized Motor Kit (575V) | YS*150F |
| BAYHSMT055B①④ | 5HP Oversized Motor Kit (208-230/460V) | YS*180F |
| BAYHSMT042A②④ | 7-1/2HP Oversized Motor Kit (575V) | YS*210F, 240F, YH*210F, 240F |
| BAYHSMT072A②④ | 7-1/2HP Oversized Motor Kit (575V) | YS*180F, YH*180F |
| BAYHSMT098A②④ | 7-1/2HP Oversized Motor Kit (230V) | YH*210F, YH*240F |
| BAYHSMT099A②④ | 7-1/2HP Oversized Motor Kit (460V) | YH*210F, YH*240F |
| BAYLOAM023A③ | 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 |
| BAYLSDR004A② | Low Static Drive | YS*150F, 180F, 210F, YH*210F, YS*240F, YH*241F |
| BAYLSDR002A② | 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 |
| BAYTUBE008A③④ | Discharge Air Sensing Kit | YCD150F-YCD301F |
| BAYTUBE009A③④ | Discharge Air Sensing Kit | YCH150F-YCH301F |
| BAYQACB044A | Adapter Curb | BAYCURB026A/B to BAYCURB027A/B |
| BAYVNOR002B③ | 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

# 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 Sensor① | 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.**

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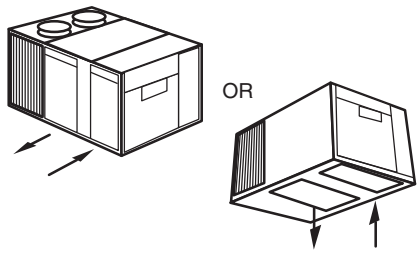
BUILT TO A HIGHER STANDARD®
American Standard®
HEATING & AIR CONDITIONING

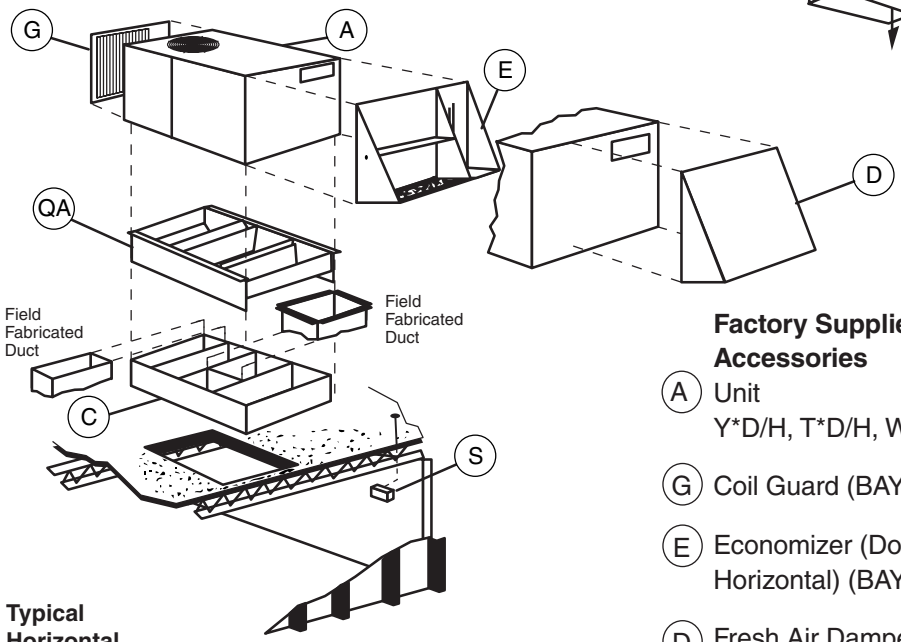
# Packaged Unit Accessories 12½-25 Tons

12 1/2 – 25 Ton Packaged Gas/Electric, Electric/Electric and Heat Pump

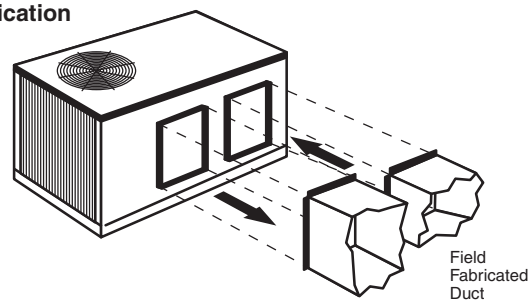
**Dedicated Airflow Design**



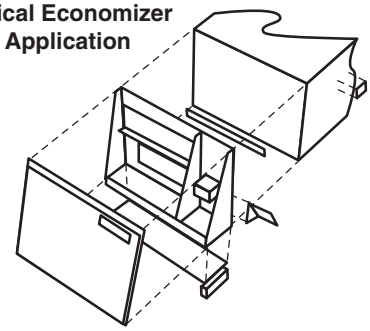

**Typical Downflow Application**




**Typical Horizontal Application**



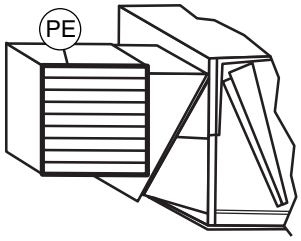

**Typical Economizer Application**



**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**






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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14-1011-38

BUILT TO A HIGHER STANDARD®

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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**

Light Commercial Packaged Gas/Electric

**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.) | MCA** | Max Fuse Size or Max Circuit Breaker** | Downflow Roofcurb① |
|---|---|---|---|---|---|---|---|---|---|---|
| **GBC - Three Phase Low Heat** | | | | | | | | | | |
| 3 | GBC036A3ELB0000 | 208-230/3/60 | 14.0 | 36,000 | 57,600 | $42^5/_8$ x 48 x $76^7/_8$ | 574 | 19.5 | 25 | BAYCURB320A |
| 4 | GBC048A3ELB0000 | 208-230/3/60 | 14.0 | 48,000 | 57,600 | $42^5/_8$ x 48 x $76^7/_8$ | 616 | 23.6 | 35 | BAYCURB320A |
| 5 | GBC060A3ELB0000 | 208-230/3/60 | 14.0 | 57,500 | 57,600 | $42^5/_8$ x 48 x $76^7/_8$ | 636 | 26.4 | 40 | BAYCURB320A |
| 3 | GBC036A4ELB0000 | 460/3/60 | 14.0 | 36,000 | 57,600 | $42^5/_8$ x 48 x $76^7/_8$ | 574 | 10.5 | 15 | BAYCURB320A |
| 4 | GBC048A4ELB0000 | 460/3/60 | 14.0 | 48,000 | 57,600 | $42^5/_8$ x 48 x $76^7/_8$ | 616 | 11 | 15 | BAYCURB320A |
| 5 | GBC060A4ELB0000 | 460/3/60 | 14.0 | 57,500 | 57,600 | $42^5/_8$ x 48 x $76^7/_8$ | 636 | 12.9 | 20 | BAYCURB320A |
| 3 | GBC036AWELB0000 | 575/3/60 | 14.0 | 36,000 | 57,600 | $42^5/_8$ x 48 x $76^7/_8$ | 574 | 6.8 | 15 | BAYCURB320A |
| 4 | GBC048AWELB0000 | 575/3/60 | 14.0 | 48,000 | 57,600 | $42^5/_8$ x 48 x $76^7/_8$ | 616 | 8.1 | 15 | BAYCURB320A |
| 5 | GBC060AWELB0000 | 575/3/60 | 14.0 | 57,500 | 57,600 | $42^5/_8$ x 48 x $76^7/_8$ | 636 | 9.2 | 15 | BAYCURB320A |
| **GBC - Three Phase Medium Heat** | | | | | | | | | | |
| 3 | GBC036A3EMB0000 | 208-230/3/60 | 14.0 | 36,000 | 80,000 | $42^5/_8$ x 48 x $76^7/_8$ | 574 | 19.5 | 25 | BAYCURB320A |
| 4 | GBC048A3EMB0000 | 208-230/3/60 | 14.0 | 48,000 | 92,000 | $42^5/_8$ x 48 x $76^7/_8$ | 616 | 23.6 | 35 | BAYCURB320A |
| 5 | GBC060A3EMB0000 | 208-230/3/60 | 14.0 | 57,500 | 92,000 | $42^5/_8$ x 48 x $76^7/_8$ | 636 | 26.4 | 40 | BAYCURB320A |
| 3 | GBC036A4EMB0000 | 460/3/60 | 14.0 | 36,000 | 80,000 | $42^5/_8$ x 48 x $76^7/_8$ | 574 | 10.5 | 15 | BAYCURB320A |
| 4 | GBC048A4EMB0000 | 460/3/60 | 14.0 | 48,000 | 92,000 | $42^5/_8$ x 48 x $76^7/_8$ | 616 | 11 | 15 | BAYCURB320A |
| 5 | GBC060A4EMB0000 | 460/3/60 | 14.0 | 57,500 | 92,000 | $42^5/_8$ x 48 x $76^7/_8$ | 636 | 12.9 | 20 | BAYCURB320A |
| 3 | GBC036AWEMB0000 | 575/3/60 | 14.0 | 36,000 | 80,000 | $42^5/_8$ x 48 x $76^7/_8$ | 574 | 6.8 | 15 | BAYCURB320A |
| 4 | GBC048AWEMB0000 | 575/3/60 | 14.0 | 48,000 | 92,000 | $42^5/_8$ x 48 x $76^7/_8$ | 616 | 8.1 | 15 | BAYCURB320A |
| 5 | GBC060AWEMB0000 | 575/3/60 | 14.0 | 57,500 | 92,000 | $42^5/_8$ x 48 x $76^7/_8$ | 636 | 9.2 | 15 | BAYCURB320A |

① For Downflow units only.

** 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.



Effective 1/1/21
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# 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 |
| BAYECON353A① | Low Leak Economizer, Dry Bulb, Downflow W/FDD, 3-5T | All |
| BAYECON354A① | Low Leak Economizer, Dry Bulb, Horizontal W/FDD, 3-5T | All |
| BAYENTH323A① | Comparative Enthalpy, LLE W/FDD, 3-5T | All |
| BAYENTH322A① | Reference Enthalpy, LLE W/FDD, 3-5T | All |
| BAYBARO321A① | Barometric Relief Damper, LLE W/FDD, 3-5T | All |
| BAYPWRX320A② | Power Exhasust, 3-5T DF, 230V | All |
| BAYPWRX321A② | Power Exhaust, 3-5T DF, 460V | All |
| BAYPWRX322A② | Power Exhasut, 3-5T DF, 575V | All |

① FDD = Fault Detection & Diagnosis
② Please check availability

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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 throwawy 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)**

Light Commercial Packaged Gas/Electric

**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 Breaker① | Downflow Roofcurb |
|---|---|---|---|---|---|---|---|---|---|---|
| **GBC - Three Phase Low Heat** | | | | | | | | | | |
| 15 | GBC180A3ELA0000 | 208-230/3/60 | 12.4 | 184000 | 192000 | 58 5/8 x 86 5/16 x 123 1/8 | 2310 | 75 | 100 | BAYCURB027B |
| 17 1/2 | GBC210A3ELA0000 | 208-230/3/60 | 12.4 | 216000 | 192000 | 58 5/8 x 86 5/16 x 123 1/8 | 2319 | 86 | 110 | BAYCURB027B |
| 20 | GBC240A3ELA0000 | 208-230/3/60 | 11.6 | 256000 | 192000 | 58 5/8 x 86 5/16 x 123 1/8 | 2344 | 97 | 125 | BAYCURB027B |
| 25 | GBC300A3ELA0000 | 208-230/3/60 | 11.4 | 284000 | 192000 | 58 5/8 x 86 5/16 x 123 1/8 | 2370 | 126 | 175 | BAYCURB027B |
| 15 | GBC180A4ELA0000 | 460/3/60 | 12.4 | 184000 | 192000 | 58 5/8 x 86 5/16 x 123 1/8 | 2310 | 35 | 45 | BAYCURB027B |
| 17 1/2 | GBC210A4ELA0000 | 460/3/60 | 12.4 | 216000 | 192000 | 58 5/8 x 86 5/16 x 123 1/8 | 2319 | 42 | 50 | BAYCURB027B |
| 20 | GBC240A4ELA0000 | 460/3/60 | 11.6 | 256000 | 192000 | 58 5/8 x 86 5/16 x 123 1/8 | 2344 | 46 | 60 | BAYCURB027B |
| 25 | GBC300A4ELA0000 | 460/3/60 | 11.4 | 284000 | 192000 | 58 5/8 x 86 5/16 x 123 1/8 | 2370 | 53 | 70 | BAYCURB027B |
| 15 | GBC180AWELA0000 | 575/3/60 | 12.4 | 184000 | 192000 | 58 5/8 x 86 5/16 x 123 1/8 | 2310 | 28 | 35 | BAYCURB027B |
| 17 1/2 | GBC210AWELA0000 | 575/3/60 | 12.4 | 216000 | 192000 | 58 5/8 x 86 5/16 x 123 1/8 | 2319 | 34 | 45 | BAYCURB027B |
| 20 | GBC240AWELA0000 | 575/3/60 | 11.6 | 256000 | 192000 | 58 5/8 x 86 5/16 x 123 1/8 | 2344 | 38 | 50 | BAYCURB027B |
| 25 | GBC300AWELA0000 | 575/3/60 | 11.4 | 284000 | 192000 | 58 5/8 x 86 5/16 x 123 1/8 | 2370 | 44 | 50 | BAYCURB027B |
| **GBC - Three Phase Medium Heat** | | | | | | | | | | |
| 15 | GBC180A3EMA0000 | 208-230/3/60 | 12.4 | 184000 | 256000 | 58 5/8 x 86 5/16 x 123 1/8 | 2310 | 75 | 100 | BAYCURB027B |
| 17 1/2 | GBC210A3EMA0000 | 208-230/3/60 | 12.4 | 216000 | 256000 | 58 5/8 x 86 5/16 x 123 1/8 | 2319 | 86 | 110 | BAYCURB027B |
| 20 | GBC240A3EMA0000 | 208-230/3/60 | 11.6 | 256000 | 256000 | 58 5/8 x 86 5/16 x 123 1/8 | 2344 | 97 | 125 | BAYCURB027B |
| 25 | GBC300A3EMA0000 | 208-230/3/60 | 11.4 | 284000 | 256000 | 58 5/8 x 86 5/16 x 123 1/8 | 2370 | 126 | 175 | BAYCURB027B |
| 15 | GBC180A4EMA0000 | 460/3/60 | 12.4 | 184000 | 256000 | 58 5/8 x 86 5/16 x 123 1/8 | 2310 | 35 | 45 | BAYCURB027B |
| 17 1/2 | GBC210A4EMA0000 | 460/3/60 | 12.4 | 216000 | 256000 | 58 5/8 x 86 5/16 x 123 1/8 | 2319 | 42 | 50 | BAYCURB027B |
| 20 | GBC240A4EMA0000 | 460/3/60 | 11.6 | 256000 | 256000 | 58 5/8 x 86 5/16 x 123 1/8 | 2344 | 46 | 60 | BAYCURB027B |
| 25 | GBC300A4EMA0000 | 460/3/60 | 11.4 | 284000 | 256000 | 58 5/8 x 86 5/16 x 123 1/8 | 2370 | 53 | 70 | BAYCURB027B |
| 15 | GBC180AWEMA0000 | 575/3/60 | 12.4 | 184000 | 256000 | 58 5/8 x 86 5/16 x 123 1/8 | 2310 | 28 | 35 | BAYCURB027B |
| 17 1/2 | GBC210AWEMA0000 | 575/3/60 | 12.4 | 216000 | 256000 | 58 5/8 x 86 5/16 x 123 1/8 | 2319 | 34 | 45 | BAYCURB027B |
| 20 | GBC240AWEMA0000 | 575/3/60 | 11.6 | 256000 | 256000 | 58 5/8 x 86 5/16 x 123 1/8 | 2344 | 38 | 50 | BAYCURB027B |
| 25 | GBC300AWEMA0000 | 575/3/60 | 11.4 | 284000 | 256000 | 58 5/8 x 86 5/16 x 123 1/8 | 2370 | 44 | 50 | BAYCURB027B |
| **GBC - Three Phase Medium Heat** | | | | | | | | | | |
| 15 | GBC180A3EHA0000 | 208-230/3/60 | 12.4 | 184000 | 280000 | 58 5/8 x 86 5/16 x 123 1/8 | 2310 | 75 | 100 | BAYCURB027B |
| 17 1/2 | GBC210A3EHA0000 | 208-230/3/60 | 12.4 | 216000 | 320000 | 58 5/8 x 86 5/16 x 123 1/8 | 2319 | 86 | 110 | BAYCURB027B |
| 20 | GBC240A3EHA0000 | 208-230/3/60 | 11.6 | 256000 | 320000 | 58 5/8 x 86 5/16 x 123 1/8 | 2344 | 97 | 125 | BAYCURB027B |
| 25 | GBC300A3EHA0000 | 208-230/3/60 | 11.4 | 284000 | 320000 | 58 5/8 x 86 5/16 x 123 1/8 | 2370 | 126 | 175 | BAYCURB027B |
| 15 | GBC180A4EHA0000 | 460/3/60 | 12.4 | 184000 | 280000 | 58 5/8 x 86 5/16 x 123 1/8 | 2310 | 35 | 45 | BAYCURB027B |
| 17 1/2 | GBC210A4EHA0000 | 460/3/60 | 12.4 | 216000 | 320000 | 58 5/8 x 86 5/16 x 123 1/8 | 2319 | 42 | 50 | BAYCURB027B |
| 20 | GBC240A4EHA0000 | 460/3/60 | 11.6 | 256000 | 320000 | 58 5/8 x 86 5/16 x 123 1/8 | 2344 | 46 | 60 | BAYCURB027B |
| 25 | GBC300A4EHA0000 | 460/3/60 | 11.4 | 284000 | 320000 | 58 5/8 x 86 5/16 x 123 1/8 | 2370 | 53 | 70 | BAYCURB027B |
| 15 | GBC180AWEHA0000 | 575/3/60 | 12.4 | 184000 | 280000 | 58 5/8 x 86 5/16 x 123 1/8 | 2310 | 28 | 35 | BAYCURB027B |
| 17 1/2 | GBC210AWEHA0000 | 575/3/60 | 12.4 | 216000 | 320000 | 58 5/8 x 86 5/16 x 123 1/8 | 2319 | 34 | 45 | BAYCURB027B |
| 20 | GBC240AWEHA0000 | 575/3/60 | 11.6 | 256000 | 320000 | 58 5/8 x 86 5/16 x 123 1/8 | 2344 | 38 | 50 | BAYCURB027B |
| 25 | GBC300AWEHA0000 | 575/3/60 | 11.4 | 284000 | 320000 | 58 5/8 x 86 5/16 x 123 1/8 | 2370 | 44 | 50 | BAYCURB027B |

①HACR 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.



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14-1011-38

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HEATING & AIR CONDITIONING

# Foundation™ Packaged Gas/Electric 15-25 Tons, R-410A, 2-Speed Indoor Fans

**Table LPG-21-A — Foundation TM - 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 Roofcurb① |
|---|---|---|---|---|---|---|---|---|---|---|
| **GBC - Three Phase Low Heat** | | | | | | | | | | |
| 15 | GBC180A3ELA1DQY | 208-230/3/60 | 13.2 | 184000 | 192000 | 58 5/8 x 86 5/16 x 123 1/8 | 2310 | 75 | 100 | BAYCURB027B |
| 17½ | GBC210A3ELA1DQY | 208-230/3/60 | 13.2 | 216000 | 192000 | 58 5/8 x 86 5/16 x 123 1/8 | 2319 | 86 | 110 | BAYCURB027B |
| 20 | GBC240A3ELA1DQY | 208-230/3/60 | 12.4 | 256000 | 192000 | 58 5/8 x 86 5/16 x 123 1/8 | 2344 | 97 | 125 | BAYCURB027B |
| 25 | GBC300A3ELA1DQY | 208-230/3/60 | 12.4 | 284000 | 192000 | 58 5/8 x 86 5/16 x 123 1/8 | 2370 | 126 | 175 | BAYCURB027B |
| 15 | GBC180A4ELA1DQY | 460/3/60 | 13.2 | 184000 | 192000 | 58 5/8 x 86 5/16 x 123 1/8 | 2310 | 35 | 45 | BAYCURB027B |
| 17½ | GBC210A4ELA1DQY | 460/3/60 | 13.2 | 216000 | 192000 | 58 5/8 x 86 5/16 x 123 1/8 | 2319 | 42 | 50 | BAYCURB027B |
| 20 | GBC240A4ELA1DQY | 460/3/60 | 12.4 | 256000 | 192000 | 58 5/8 x 86 5/16 x 123 1/8 | 2344 | 46 | 60 | BAYCURB027B |
| 25 | GBC300A4ELA1DQY | 460/3/60 | 12.4 | 284000 | 192000 | 58 5/8 x 86 5/16 x 123 1/8 | 2370 | 53 | 70 | BAYCURB027B |
| 15 | GBC180AWELA1DQY | 575/3/60 | 13.2 | 184000 | 192000 | 58 5/8 x 86 5/16 x 123 1/8 | 2310 | 28 | 35 | BAYCURB027B |
| 17½ | GBC210AWELA1DQY | 575/3/60 | 13.2 | 216000 | 192000 | 58 5/8 x 86 5/16 x 123 1/8 | 2319 | 34 | 45 | BAYCURB027B |
| 20 | GBC240AWELA1DQY | 575/3/60 | 12.4 | 256000 | 192000 | 58 5/8 x 86 5/16 x 123 1/8 | 2344 | 38 | 50 | BAYCURB027B |
| 25 | GBC300AWELA1DQY | 575/3/60 | 12.4 | 284000 | 192000 | 58 5/8 x 86 5/16 x 123 1/8 | 2370 | 44 | 50 | BAYCURB027B |
| **GBC - Three Phase Medium Heat** | | | | | | | | | | |
| 15 | GBC180A3EMA1DQY | 208-230/3/60 | 13.2 | 184000 | 256000 | 58 5/8 x 86 5/16 x 123 1/8 | 2310 | 75 | 100 | BAYCURB027B |
| 17½ | GBC210A3EMA1DQY | 208-230/3/60 | 13.2 | 216000 | 256000 | 58 5/8 x 86 5/16 x 123 1/8 | 2319 | 86 | 110 | BAYCURB027B |
| 20 | GBC240A3EMA1DQY | 208-230/3/60 | 12.4 | 256000 | 256000 | 58 5/8 x 86 5/16 x 123 1/8 | 2344 | 97 | 125 | BAYCURB027B |
| 25 | GBC300A3EMA1DQY | 208-230/3/60 | 12.4 | 284000 | 256000 | 58 5/8 x 86 5/16 x 123 1/8 | 2370 | 126 | 175 | BAYCURB027B |
| 15 | GBC180A4EMA1DQY | 460/3/60 | 13.2 | 184000 | 256000 | 58 5/8 x 86 5/16 x 123 1/8 | 2310 | 35 | 45 | BAYCURB027B |
| 17½ | GBC210A4EMA1DQY | 460/3/60 | 13.2 | 216000 | 256000 | 58 5/8 x 86 5/16 x 123 1/8 | 2319 | 42 | 50 | BAYCURB027B |
| 20 | GBC240A4EMA1DQY | 460/3/60 | 12.4 | 256000 | 256000 | 58 5/8 x 86 5/16 x 123 1/8 | 2344 | 46 | 60 | BAYCURB027B |
| 25 | GBC300A4EMA1DQY | 460/3/60 | 12.4 | 284000 | 256000 | 58 5/8 x 86 5/16 x 123 1/8 | 2370 | 53 | 70 | BAYCURB027B |
| 15 | GBC180AWEMA1DQY | 575/3/60 | 13.2 | 184000 | 256000 | 58 5/8 x 86 5/16 x 123 1/8 | 2310 | 28 | 35 | BAYCURB027B |
| 17½ | GBC210AWEMA1DQY | 575/3/60 | 13.2 | 216000 | 256000 | 58 5/8 x 86 5/16 x 123 1/8 | 2319 | 34 | 45 | BAYCURB027B |
| 20 | GBC240AWEMA1DQY | 575/3/60 | 12.4 | 256000 | 256000 | 58 5/8 x 86 5/16 x 123 1/8 | 2344 | 38 | 50 | BAYCURB027B |
| 25 | GBC300AWEMA1DQY | 575/3/60 | 12.4 | 284000 | 256000 | 58 5/8 x 86 5/16 x 123 1/8 | 2370 | 44 | 50 | BAYCURB027B |
| **GBD - Three Phase High Heat①** | | | | | | | | | | |
| 15 | GBC180A3EHA1DQY | 208-230/3/60 | 13.2 | 184000 | 280000 | 58 5/8 x 86 5/16 x 123 1/8 | 2310 | 75 | 100 | BAYCURB027B |
| 17½ | GBC210A3EHA1DQY | 208-230/3/60 | 13.2 | 216000 | 320000 | 58 5/8 x 86 5/16 x 123 1/8 | 2319 | 86 | 110 | BAYCURB027B |
| 20 | GBC240A3EHA1DQY | 208-230/3/60 | 12.4 | 256000 | 320000 | 58 5/8 x 86 5/16 x 123 1/8 | 2344 | 97 | 125 | BAYCURB027B |
| 25 | GBC300A3EHA1DQY | 208-230/3/60 | 12.4 | 284000 | 320000 | 58 5/8 x 86 5/16 x 123 1/8 | 2370 | 126 | 175 | BAYCURB027B |
| 15 | GBC180A4EHA1DQY | 460/3/60 | 13.2 | 184000 | 280000 | 58 5/8 x 86 5/16 x 123 1/8 | 2310 | 35 | 45 | BAYCURB027B |
| 17½ | GBC210A4EHA1DQY | 460/3/60 | 13.2 | 216000 | 320000 | 58 5/8 x 86 5/16 x 123 1/8 | 2319 | 42 | 50 | BAYCURB027B |
| 20 | GBC240A4EHA1DQY | 460/3/60 | 12.4 | 256000 | 320000 | 58 5/8 x 86 5/16 x 123 1/8 | 2344 | 46 | 60 | BAYCURB027B |
| 25 | GBC300A4EHA1DQY | 460/3/60 | 12.4 | 284000 | 320000 | 58 5/8 x 86 5/16 x 123 1/8 | 2370 | 53 | 70 | BAYCURB027B |
| 15 | GBC180AWEHA1DQY | 575/3/60 | 13.2 | 184000 | 280000 | 58 5/8 x 86 5/16 x 123 1/8 | 2310 | 28 | 35 | BAYCURB027B |
| 17½ | GBC210AWEHA1DQY | 575/3/60 | 13.2 | 216000 | 320000 | 58 5/8 x 86 5/16 x 123 1/8 | 2319 | 34 | 45 | BAYCURB027B |
| 20 | GBC240AWEHA1DQY | 575/3/60 | 12.4 | 256000 | 320000 | 58 5/8 x 86 5/16 x 123 1/8 | 2344 | 38 | 50 | BAYCURB027B |
| 25 | GBC300AWEHA1DQY | 575/3/60 | 12.4 | 284000 | 320000 | 58 5/8 x 86 5/16 x 123 1/8 | 2370 | 44 | 50 | BAYCURB027B |

①HACR Circuit Breaker Type Per NEC.

** 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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# 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* |
| BAYECON350A③ | 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* |
| BAYENTH302A③ | Reference Enthalpy Economizer Kit | GA*180A* - GA*300A* w/Low Leak Economizer & FDD |
| BAYENTH303A③ | 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* |
| BAYPWRX300A① | Power Exhaust, 15-25T, DF, 230V | GA*180A3 - GA*300A3 |
| BAYPWRX301A① | Power Exhaust, 15-25T, DF, 460V | GA*180A4 - GA*300A4 |
| BAYPWRX302A① | 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 |
| BAYSHGR003A② | Shaft Grounding Ring, 0.875" Shaft | 5HP VFD Motors |
| BAYSHGR002A② | 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.

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# 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 manufacturers 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 |
| BAYQACB114A | Precedent E cabinet to Precedent D cabinet (BAYCURB044 to BAYCURB043) |
| BAYQACB115A | Precedent B cabinet to Precedent C cabinet (BAYCURB042 to BAYCURB043) |
| **Accessory** | |
| BAYQACB116A | Precedent B cabinet to Impack Small cabinet (BAYCURB042 to BAYCURB050) |
| BAYQACB117A | Precedent B cabinet to Impack Large cabinet (BAYCURB042 to BAYCURB051) |
| BAYQACB118A | Precedent C cabinet to Impack Large cabinet (BAYCURB043 to BAYCURB051) |

**Note:** If another manufacturers 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.



Effective 1/1/21
14-1011-38

# 6-20 Tons Split System

**Table LAC/IN-2-A — Allowable Elevation Difference: Cooling-only TTA above indoor unit**

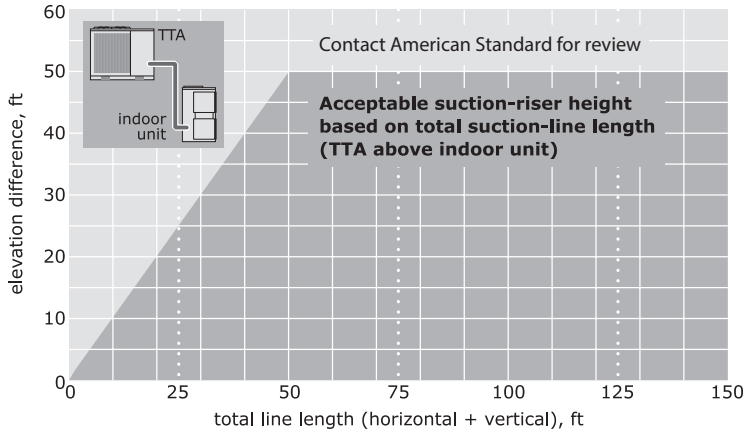
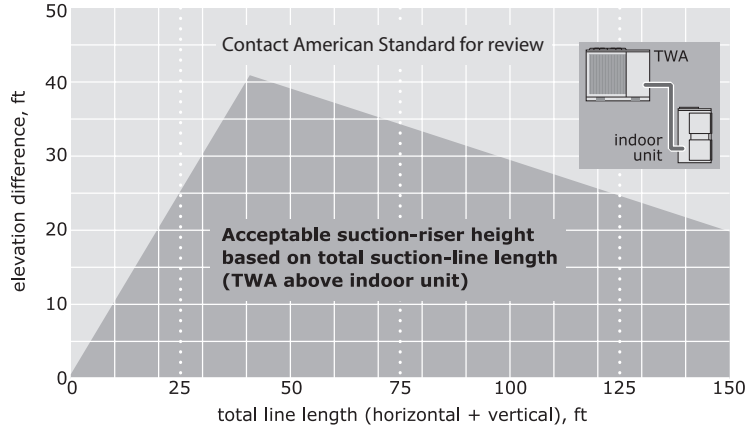



**Table LAC/IN-2-B — Allowable Elevation Difference: TWA heat pump above indoor unit**



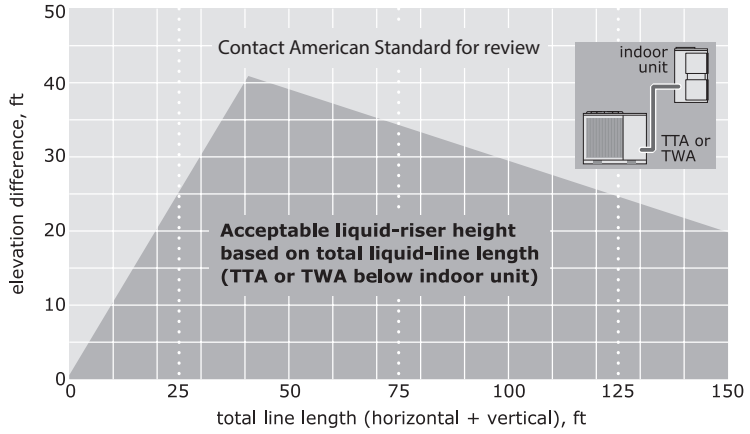


**Table LAC/IN-2-C — Allowable Elevation Difference: TTA or TWA above indoor unit**