

BUILT TO A HIGHER STANDARD<sup>®</sup>  
*American Standard*<sup>®</sup>  
HEATING & AIR CONDITIONING

# 2023 QUICK REFERENCE GUIDE



# DIAGNOSE IT

## ...BEFORE YOU EVEN ROLL A TRUCK!



Get both real-time and historical HVAC system performance data through American Standard® Diagnostics. Remotely monitor a customer's system and diagnose any potential problems anytime, anywhere.

*Compatible with American Standard smart thermostats.*



### Performance Alerts (Current and Historical)

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### System Status

View heating and cooling setpoints, relative humidity, indoor and outdoor temperature, system mode, etc.



### System Configurations

Get detailed information on the system components.



### 30-Day Runtime History and Data

See how the system performed and pinpoint issues that may have occurred—all in one simple dashboard.



### Remote Configuration

With a homeowner's permission, access their thermostat interface to trouble-shoot or configure remotely.

## How do I access American Standard Diagnostics?

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Or go to [ASDealerNet](#) > [Home & Diagnostics](#) > [American Standard Diagnostics](#)

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

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

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

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# 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      L = Side Discharge  
B = XB                      V = Platinum VSD  
C = Light Commercial      Z = 2 Recip 20 SEER  
H = Silver/Gold HP

**Nominal Rated SEER**  
0 = 20 SEER2      6 = 16 SEER2  
3 = 13 SEER2      7 = 17 SEER2  
4 = 14 SEER2      8 = 18 SEER2  
5 = 15 SEER2

**Field Connection**  
0 = Brazed

**Nominal Tonnage**  
12 = 1.0    24 = 2.0    36 = 3.0    48 = 4.0  
18 = 1.5    25 = 2.0    37 = 3.0    49 = 4.0  
19 = 1.5    30 = 2.5    42 = 3.5    60 = 5.0  
31 = 2.5    43 = 3.5    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 —
HTRA = Electric Heater	Bleed/Non Bleed Kits
(Digit 7 Is Used To	TXVH = Heat Pump
Differentiate The Products	Non Bleed Kits
Accessory Is Used With)	UTIL = Curb Ext. Kit
ISLT = Isolator	VENT = Termination Kit
KSKT = Start Accessory Kit	WAR = Warranty
LEGS = Snow Legs	WATR = Hydronic Heat Coils
LEGSCAP = Leveling Caps	WRKT = Wire Kit
LIFT = Lifting Lug 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 or G = American Standard

**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**

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

# Model Nomenclature Residential

## Air Handler - Residential

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

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  
FWD = 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**

## Air Handler/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**



# 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**  
C = Communicating System Control  
D = Communicating System Control, Low NOx  
S = 24 Volt  
T = 24 Volt, Low NOx
- Major Design Change**
- Minor Design Change**
- Service Digit - Not Orderable**

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*American Standard*

HEATING & AIR CONDITIONING

# Model Nomenclature Residential

## Heat Pump/ Cooling Coils

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

- Refrigerant Type** \_\_\_\_\_  
4 = R-410A
- Series** \_\_\_\_\_  
T = Premium (Cooling and HP)  
P = Premium High Efficiency - Dedicated position (Cooling and HP)  
A = 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** \_\_\_\_\_

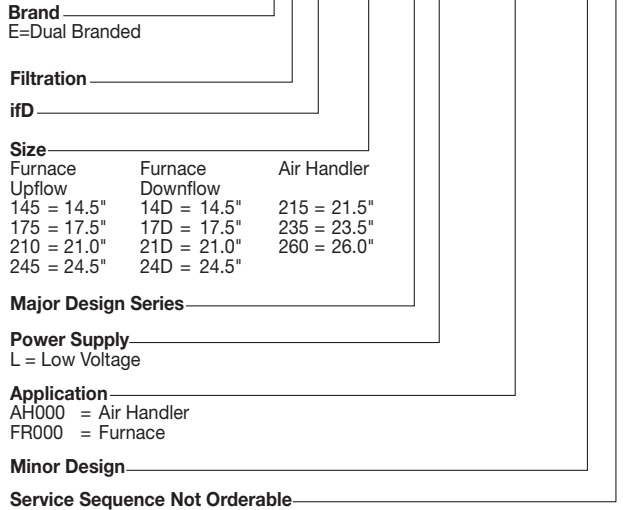
## TXV Kits

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

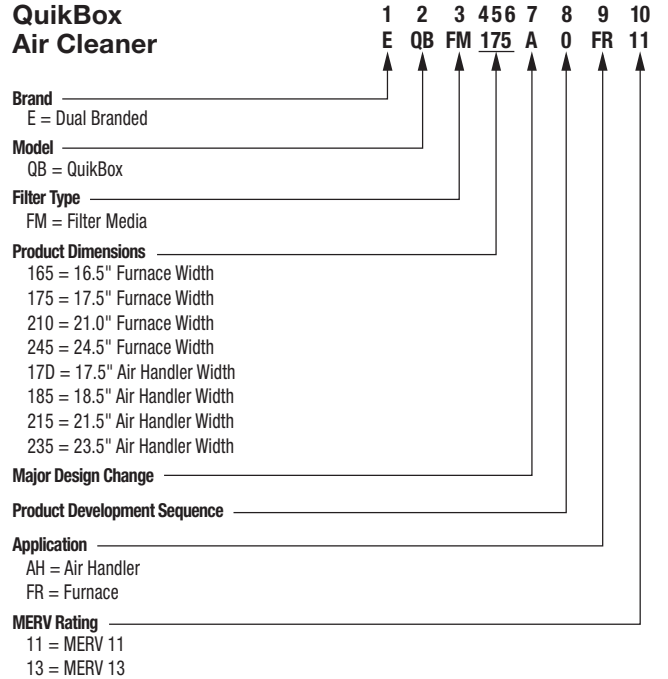
- Refrigerant** \_\_\_\_\_  
4 = R-410A  
2 = R-22
- Accessory** \_\_\_\_\_
- Accessory Type** \_\_\_\_\_  
TXV Kit
- Compatibility** \_\_\_\_\_  
Cooling & Heat Pump Compatible
- Flow Control** \_\_\_\_\_  
3 = TXV - Non Bleed
- Major Design Change** \_\_\_\_\_  
B = Internally Mounted (Mechanical Fittings)  
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** \_\_\_\_\_

# Model Nomenclature Residential

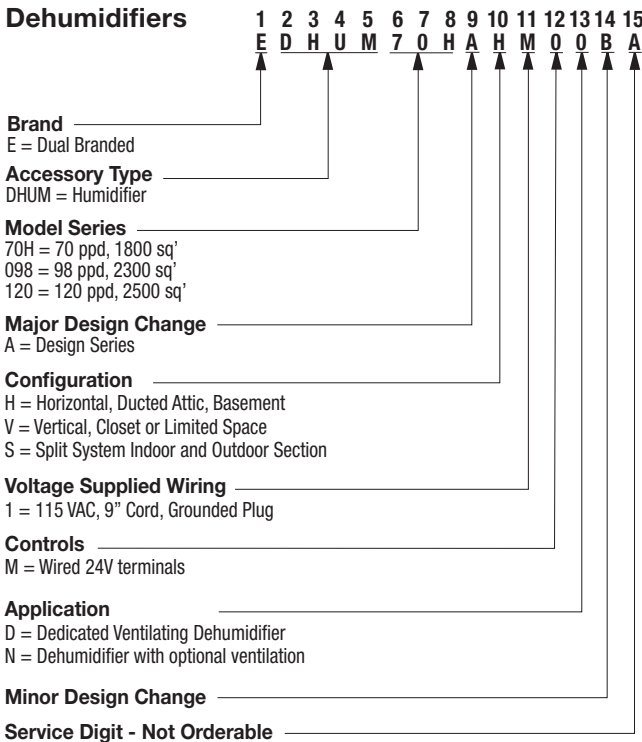
## American Standard AccuClean™ Whole Home Air Cleaner



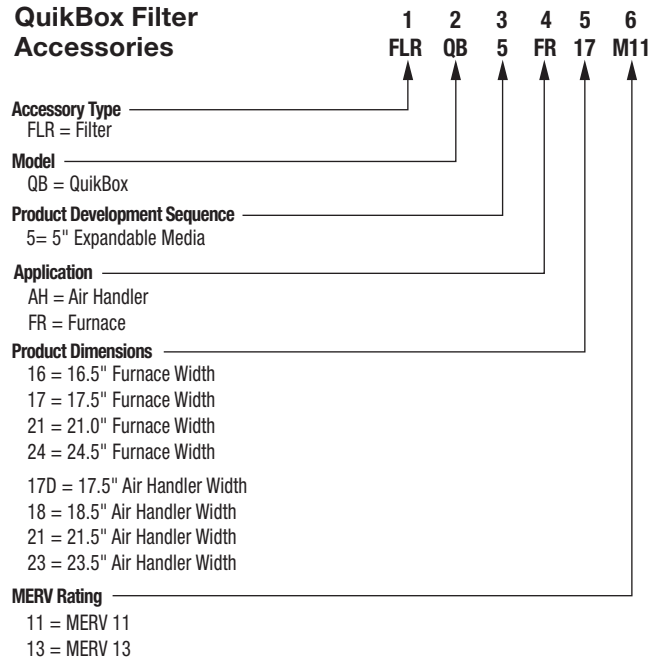
## QuikBox Air Cleaner



## Dehumidifiers



## QuikBox Filter Accessories



# Model Nomenclature Residential

**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** —————

# Model Nomenclature Residential

**Packaged Units 15-Digit Model #**

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15  
4 Y C C 4 0 4 2 A 3 0 0 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  
Y = Premium  
Z = Leadership - (2-Stage)

**Efficiency Tier** —————  
4 = 14.0 SEER / 13.4 SEER2  
5 = 15.0 SEER2  
6 = 16.0 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

**Minor Design Change** —————

**Service Digit - Not Orderable** —————

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

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

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

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

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

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

**Major Design Change** —————  
F = 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** —————

# Model Nomenclature Residential

## 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**

# American Standard<sup>®</sup> Link System Controller and Smart Thermostat



**SC360**  
System controller



**UX360**  
Smart thermostat

## ALINK360A2VVUA

(kit includes System Controller and Smart Thermostat)

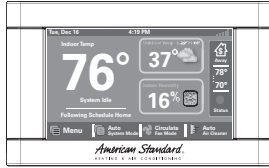
- Mobile app compatible with built-in Z-Wave bridge (download American Standard Home mobile app)
- American Standard Diagnostics ①
- American Standard Diagnostics mobile app compatibility allows for easy technician commissioning and servicing
- WiFi connection
- Control from a smartphone, tablet, or computer ①②
- 7" diagonal color touchscreen
- 1-Touch Presets - Home, Away, Sleep
- 7 Day programmable with up to four schedules per day
- Smart Continuous Fan
- Adjustable Continuous Airflow (35-100%)
- Five day weather forecast ①
- Indoor relative humidity display
- Test modes and alert diagnostics
- Over-the-air Software Upgrade ①
- Color: Designer White
- Limited Warranty: 5 yr. base/10 yr.

## Application:

- AccuComfort<sup>™</sup> Variable Speed
- Remote wired temperature sensor available through the hub
- Remote wireless indoor temperature and humidity sensor (optional): ZSENS930AW00MA

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HEATING &amp; AIR CONDITIONING



**GOLD 824**  
**ACONT824AS52DB**



## Conventional 24 Volt Smart Thermostat

### ACONT824AS52DB

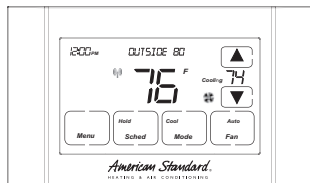
- Energy Star<sup>®</sup> certified
- Built-in Z-Wave Bridge ①
- WiFi or Ethernet connection
- Control from a smartphone, tablet, or computer ①②
- 4.3" diagonal color touchscreen
- 7 Day programmable with up to four schedules per day
- Five day weather forecast, weather radar, and weather alerts ①
- 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**



### ACONT724AS42DA

- American Standard<sup>®</sup> 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<sup>®</sup> Home smart home system registration.

② American Standard<sup>®</sup> 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<sup>®</sup> Home system may require a monthly subscription.

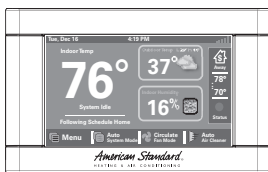
For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.



# AccuLink™ Communicating Smart Thermostat



**PLATINUM 1050  
AZON1050AC52ZA**



**PLATINUM 850  
ACONT850AC52UB**



## AZON1050AC52ZA

- Mobile app compatible with built-in Z-Wave bridge (download American Standard Home mobile app)
- 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 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.

## ACONT850AC52UB

- Mobile app compatible with built-in Z-Wave bridge (download American Standard Home mobile app)
- WiFi (802.11 b/g/n) or Ethernet connection
- Control from a smartphone, tablet, or computer ②②
- 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:

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

## Dimensions:

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

## Application:

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

## Dimensions:

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

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.

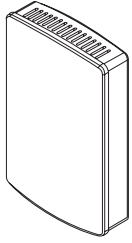
For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

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**American Standard<sup>®</sup>**  
HEATING & AIR CONDITIONING

## American Standard<sup>®</sup> 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



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

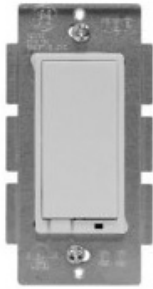
#### Unit Dimensions:

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

#### Warranty

- 1-Year Limited Warranty

## American Standard<sup>®</sup> Home Compatible Products



**Jasco In-Wall Dimmer Switch**

### Dimmer Switch

SKU: 043180457127

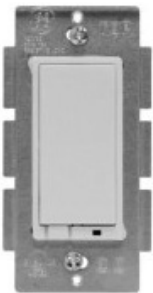
- Turn light on/off or dim any incandescent lighting remotely from American Standard<sup>®</sup> Home app ①
- Interchangeable paddles; white and light almond included in package (wall plate not included)
- Easy to install; includes space-saving screw terminals
- Automate with American Standard<sup>®</sup> 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

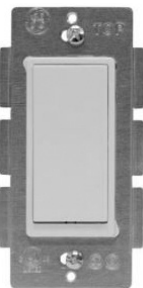
- Turn any light on/off remotely from American Standard<sup>®</sup> Home app ①
- Interchangeable paddles; white and light almond included in package (wall plate not included)
- Easy to install; includes space-saving screw terminals
- Automate with American Standard<sup>®</sup> Home based on time of day
- 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: 030878465601

- 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:

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

### Warranty

- 1-Year Limited Warranty

BUILT TO A HIGHER STANDARD™

**American Standard®**  
HEATING & AIR CONDITIONING

## 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



**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

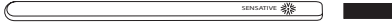
**Unit Dimensions:**

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

**Warranty**

- 1-Year Limited Warranty

**Security Sensors & Alarms**



**Sensitive Strips Door/  
Window Sensor**

**Sensitive 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



**Outdoor Module**

**Outdoor Module**

**SKU: 030878142847**

- 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
- 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

BUILT TO A HIGHER STANDARD<sup>®</sup>

**American Standard<sup>®</sup>**  
HEATING & AIR CONDITIONING

# American Standard<sup>®</sup> Home Compatible Products

## FortrezZ Water Valves

### Indoor Actuator



### Indoor Actuator SKU: 045635411890

- Remotely operated Z-Wave water valve compatible with American Standard<sup>®</sup> Home smart home systems <sup>①</sup>
- 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 <sup>②③</sup>

### Brass Water Valves



### Brass Ball Water Valves SKU: 045635411852

3/4" Brass Valve <sup>④</sup>

- <sup>①</sup> Requires internet service and American Standard<sup>®</sup> Home smart home system registration.
- <sup>②</sup> Used with brass ball valves (ordered separately)
- <sup>③</sup> For applications that require outside installation above or below grade with temporary submersion at limited depth. See installation instructions for details.
- <sup>④</sup> 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.

BUILT TO A HIGHER STANDARD™

*American Standard*  
HEATING & AIR CONDITIONING

# 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 American Standard Link™ ①**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					OD Gas	OD Liq.
4A7V0X24A1000A	208/230/1/60	24,000	41	33	30	217	66	17.0	25	3/4	3/8
4A7V0X36A1000A	208/230/1/60	36,000	41	37	34	248	70	18.0	25	3/4	3/8
4A7V0X48A1000A	208/230/1/60	48,000	41	37	34	270	74	23.0	35	7/8	3/8
4A7V0X60A1000A	208/230/1/60	54,000	45	37	34	284	75	27.0	40	7/8	3/8
4A7V0X61A1000A	208/230/1/60	54,000	45	37	34	314	75	27.0	40	7/8	3/8



**Platinum 18  
(Variable Speed)**

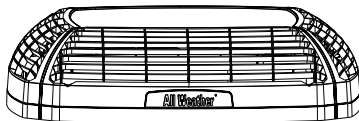
**Table SC-1-B – Platinum 18 R-410A AccuComfort™ Variable Speed Cooling (30–100% capacity) with American Standard Link™ ①**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					OD Gas	OD Liq.
4A7V8X24A1000A	208/230/1/60	24,000	41	33	30	217	66	17.0	25	3/4	3/8
4A7V8X36A1000A	208/230/1/60	36,000	41	33	30	228	70	18.0	25	3/4	3/8
4A7V8X48A1000A	208/230/1/60	48,000	41	37	34	270	74	23.0	35	7/8	3/8
4A7V8X60A1000A	208/230/1/60	54,000	45	37	34	284	75	27.0	40	7/8	3/8

① Must use UX360 Smart Thermostat and SC360 System 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

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

Split System Cooling

**Table SC-2-A — Features**

	Platinum 20 (4A7V0)	Platinum 18 (4A7V8)
• SEER up to.....	21.50	18.00
• Climatuff™ compressor.....	1	1
• Number of stages.....	Variable	Variable
• Comfort-R™ mode approved.....	✓	✓
• American Standard Link system.....	✓	✓
• DuraBase™ base, fast complete drain, weatherproof.....	✓	✓
• Quick-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
• Glossy corrosion resistant finish.....	✓	✓
• High pressure switch.....	✓	✓
• Low pressure switch.....	✓	✓
• Internal high / low pressure & temperature protection.....	✓	✓
• Liquid line filter drier - factory installed or factory supplied for field install.....	✓	✓
• Seacoast shield - factory installed.....	✓	—
• Spinnaker gray cabinet.....	✓	✓
• <b>12-year limited warranty on compressor, 10-year on outdoor coil &amp; all other functional parts with registration* (Residential Use)</b> .....	✓	✓
• <b>Extended warranties available</b> .....	✓	✓

\* Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at americanstandardair.com or by phone at 855-260-2975, otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.

**Table 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	048-60
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	—	✓
PAI00309Ⓞ	Heresite Spraypaint	1	✓	✓
BAYSEN01ATEMPA	External Ambient Kit		✓	✓
BAYTWGR0004	<b>WEATHERGUARD™</b> Top - Fits unit base size of (W x D) of 37" X 34"		—	048-060
BAYTWGR0003	<b>WEATHERGUARD™</b> Top - Fits unit base size of (W x D) of 33" X 30"		—	024-036
BAYECC001	Extreme Coastal Conditions Kit*		✓	✓
BAYCAKT002	SmartCharge™ automatic charging solenoid kit		✓	✓

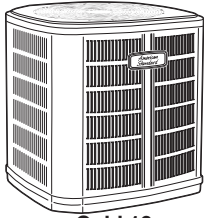
\* Not for use in Arizona or other extreme heat applications.†

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

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



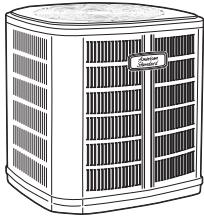
# Split System Cooling Single Phase – 1½-5 Tons



**Gold 16  
(Two Stage)**

**Table SC-3-A – Gold 16 R-410A Split System Two Stage Cooling (70/100% capacity)**

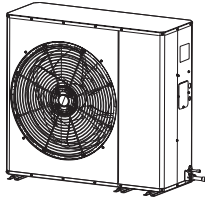
Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					OD Gas	OD Liq.
4A7A6024N1000A	208/230/1/60	24,000	41	37	34	280	72	13.4	20	3/4	3/8
4A7A6036N1000A	208/230/1/60	36,000	45	37	34	288	72	18.4	30	3/4	3/8
4A7A6048N1000A	208/230/1/60	48,000	45	37	34	296	73	28.0	45	7/8	3/8
4A7A6060N1000A	208/230/1/60	54,000	45	37	34	312	74	35.0	60	1 1/8	3/8



**Silver 15  
(Single Stage)**

**Table SC-3-B – Silver 15 R-410A Split System Single Stage Cooling**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					OD Gas	OD Liq.
4A7A5018N1000A	208/230/1/60	18,000	29	33	30	189	73	12.0	20	3/4	3/8
4A7A5024N1000A	208/230/1/60	24,000	29	33	30	190	73	13.0	20	3/4	3/8
4A7A5030N1000A	208/230/1/60	30,000	37	33	30	220	73	17.0	25	3/4	3/8
4A7A5036N1000A	208/230/1/60	36,000	37	37	34	246	71	18.0	30	7/8	3/8
4A7A5042N1000A	208/230/1/60	42,000	45	37	34	302	72	21.0	35	7/8	3/8
4A7A5048N1000A	208/230/1/60	48,000	45	37	34	306	72	24.0	40	7/8	3/8
4A7A5060N1000A	208/230/1/60	54,000	45	37	34	306	71	28.0	50	7/8	3/8



**Silver 15  
(Single Stage)**

**Table SC-3-C – Silver 15 R-410A Side Discharge Single Stage Cooling**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					OD Gas	OD Liq.
4A7L5024N1000A①	208/230/1/60	24,000	37	47	18	224	70	15.0	25	3/4	3/8
4A7L5030N1000A①	208/230/1/60	30,000	37	47	18	224	70	15.0	25	3/4	3/8
4A7L5036N1000A①	208/230/1/60	36,000	37	47	18	226	72	17.0	30	7/8	3/8
4A7L5042N1000A①	208/230/1/60	42,000	43	47	18	266	74	24.0	40	7/8	3/8
4A7L5048N1000A①	208/230/1/60	48,000	43	47	18	266	74	24.0	40	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: 4A7L5036A1COTA These models have an 8 week lead time after order.

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

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

# Split System Cooling Single Phase - 1½-5 Tons

Split System Cooling

**Table SC-4-A – Features**

	Gold 16 (4A7A6)	Silver 15 (4A7A5)	Silver15 (4A7L5)
• SEER2 up to .....	16.20	15.60	15.60
• 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.....	✓	✓	✓

\* Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at americanstandardair.com or by phone at 855-260-2975, otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.

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

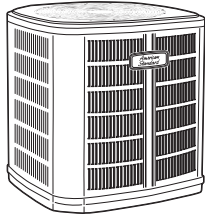
Model Number	Description	Shipping Weight			
AY28X079.....	Evap. Defrost Control Kit.....	1.....	✓	✓	✓
BAYCCHT301RES.....	Crankcase Heater Kit (Scroll) .....	1.....	4-5	3½-5	3½-5
BAYCCHT302RES.....	Crankcase Heater Kit (Scroll) .....	1.....	2-3	1½-3	1½-3
BAYECMT023.....	Extreme Conditions Mounting Kit (Base 2/3) .....	2.....	—	1½-2½	—
BAYECMT004.....	Extreme Conditions Mounting Kit (Base 4).....	2.....	✓	3-5	—
BAYISL T101.....	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
TAYASCT501Aⓐⓑ.....	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	—
PAI00309ⓐ.....	Heresite Spraypaint.....	1.....	✓	✓	✓
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**

- ⓐ Not for use with programmable thermostats.
- ⓑ Activated on power off.
- ⓒ 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.

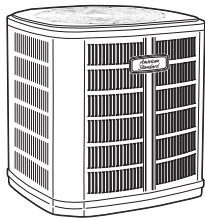
# Split System Cooling Single Phase – 1½-5 Tons



**Silver 14  
(Single Stage)**

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

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					OD Gas	OD Liq.
4A7A4018N1000A	208/230/1/60	18,000	29	29	26	153	71	14.0	20	3/4	3/8
4A7A4019N1000A	208/230/1/60	18,000	29	33	30	189	73	12.0	20	3/4	3/8
4A7A4024N1000A	208/230/1/60	24,000	29	29	26	153	71	18.0	30	3/4	3/8
4A7A4025N1000A	208/230/1/60	24,000	29	33	30	190	73	13.0	20	3/4	3/8
4A7A4030N1000A	208/230/1/60	30,000	33	33	30	183	71	16.0	25	3/4	3/8
4A7A4036N1000A	208/230/1/60	36,000	33	33	30	183	71	16.0	25	3/4	3/8
4A7A4042N1000A	208/230/1/60	42,000	37	37	34	246	72	20.0	35	7/8	3/8
4A7A4048N1000A	208/230/1/60	48,000	29	37	34	221	71	24.0	40	7/8	3/8
4A7A4049N1000A	208/230/1/60	48,000	45	37	34	306	72	24.0	40	7/8	3/8
4A7A4060N1000A	208/230/1/60	54,000	45	37	34	306	72	34.0	60	7/8	3/8



**Silver 13  
(Single Stage)**

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

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					OD Gas	OD Liq.
4A7A3018N1000A①	208/230/1/60	18,000	29	29	26	153	71	12.0	20	3/4	3/8
4A7A3024N1000A①	208/230/1/60	24,000	29	29	26	153	71	14.0	20	3/4	3/8
4A7A3030N1000A①	208/230/1/60	30,000	29	33	30	183	71	17.0	25	3/4	3/8
4A7A3036N1000A①	208/230/1/60	36,000	29	33	30	189	71	16.0	25	3/4	3/8
4A7A3042N1000A①	208/230/1/60	42,000	29	37	34	216	71	22.0	35	7/8	3/8
4A7A3048N1000A①	208/230/1/60	48,000	29	37	34	221	71	24.0	40	7/8	3/8
4A7A3060N1000A①	208/230/1/60	54,000	37	37	34	246	71	27.0	45	7/8	3/8

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

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

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

# Split System Cooling Single Phase – 1½-5 Tons

Split System Cooling

**Table SC-6-A – Features**

	Silver 14 (4A7A4)	Silver 13 (4A7A3)
SEER2 up to .....	14.80	13.80
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.....	✓	✓

\* Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at [americanstandardair.com](http://americanstandardair.com) or by phone at 855-260-2975, otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on [ASDealerNet.com](http://ASDealerNet.com).

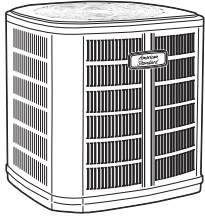
**Table SC-6-B – Optional Accessories**

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
BAYSEAC00.....	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.

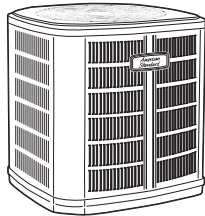
# Split System Cooling Three Phase



**Gold 17  
(Two Stage)**

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

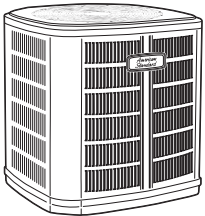
Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					OD Gas	OD Liq.
4A7C7036A3000A	208/230/3/60	36,000	45	37	34	283	72	15.0	25	3/4	3/8
4A7C7048A3000A	208/230/3/60	48,000	45	37	34	285	73	18.0	30	7/8	3/8
4A7C7060A3000A	208/230/3/60	54,000	45	37	34	308	74	22.0	35	7/8	3/8
4A7C7036A4000A	460/3/60	36,000	45	37	34	283	72	8.0	15	3/4	3/8
4A7C7048A4000A	460/3/60	48,000	45	37	34	285	73	9.0	15	7/8	3/8
4A7C7060A4000A	460/3/60	54,000	45	37	34	308	74	10.0	15	7/8	3/8



**Silver 14  
(Single Stage)**

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

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					OD Gas	OD Liq.
4A7C4036A3000A	208/230/3/60	36,000	33	33	30	183	73	12.0	20	3/4	3/8
4A7C4042A3000A	208/230/3/60	42,000	29	37	34	216	72	15.0	25	3/4	3/8
4A7C4048A3000A	208/230/3/60	48,000	29	37	34	221	72	18.0	30	7/8	3/8
4A7C4060A3000A	208/230/3/60	54,000	37	37	34	246	72	21.0	35	7/8	3/8
4A7C4036A4000A	460/3/60	36,000	33	33	30	183	73	8.0	15	3/4	3/8
4A7C4042A4000A	460/3/60	42,000	29	37	34	216	72	8.0	15	3/4	3/8
4A7C4048A4000A	460/3/60	48,000	29	37	34	221	72	8.0	15	7/8	3/8
4A7C4060A4000A	460/3/60	54,000	37	37	34	246	72	9.0	15	7/8	3/8



**Silver 13  
(Single Stage)**

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

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					OD Gas	OD Liq.
4A7C3036B3000B	208/230/3/60	36,000	29	33	30	176	78	13.6	20	3/4	3/8
4A7C3042D3000D	208/230/3/60	42,000	29	37	34	228	74	18.0	30	3/4	3/8
4A7C3048D3000D	208/230/3/60	48,000	29	37	34	235	75	18.0	30	7/8	3/8
4A7C3060D3000D	208/230/3/60	54,000	37	37	34	261	75	20.0	35	7/8	3/8
4A7C3036B4000B	460/3/60	36,000	29	33	30	176	78	7.7	15	3/4	3/8
4A7C3042D4000D	460/3/60	42,000	29	37	34	228	79	8.2	15	3/4	3/8
4A7C3048D4000D	460/3/60	48,000	29	37	34	235	79	8.4	15	7/8	3/8
4A7C3060D4000D	460/3/60	54,000	37	37	34	261	80	10.3	15	7/8	3/8

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

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

# Split System Cooling Three Phase

Split System Cooling

**Table SC-8-A — Features**

	Gold 17 (4A7C7)	Silver 14 (4A7C4)	Silver 13 (4A7C3)
• SEER up to .....	17.50	16.50	14.50
• 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
• 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 with registration* (Residential Use) .....	✓	✓	✓
• Extended warranties available .....	✓	✓	✓

\* Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at americanstandardair.com or by phone at 855-260-2975, otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.

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

Model Number	Description	Shipping Weight			
AY28X079.....	Evap. Defrost Control Kit .....	1.....	✓	✓	✓
BAYCCHT301RES .....	Crankcase Heater Kit (Scroll) .....	1.....	—	—	—
BAYCCHT302RES .....	Crankcase Heater Kit (Scroll) .....	1.....	—	—	—
BAYECMT023 .....	Extreme Conditions Mounting Kit (Base 2/3) .....	2.....	—	3	2½-3
BAYECMT004 .....	Extreme Conditions Mounting Kit (Base 4) .....	2.....	3-5	3½-5	3½-5
BAYISLT101 .....	Rubber Isolators.....	1.....	✓	✓	✓
BAYKSKT263 .....	Start Kit.....	1.....	✓	—	5
BAYKSKT260 .....	Start Kit.....	1.....	—	—	3
BAYLEGS007 .....	Snow Legs - 7" High (Black).....	1.....	✓	✓	✓
BAYLEGS004 .....	Snow Legs - 4" High (Black).....	1.....	✓	✓	✓
BAYLOAM107A .....	Low Ambient Kit.....	1.....	✓	✓	✓
BAYSDEN001 .....	Single Cylinder Compressor Enclosures .....	8.....	—	3½-4	3-4
BAYSDEN004 .....	Large Scroll Compressor Enclosures .....	8.....	✓	3, 5	5
BAYSEAC001 .....	Seacoast Kit .....	1.....	✓	✓	✓
BAYWIND101 .....	Wind Baffle .....	.....	—	—	—
TAYASCT501A①② .....	Anti-Short Cycle Timer.....	2.....	✓	✓	✓
TAYSVANL0032AA .....	Service Valve Panel Cover Kit .....	2.....	—	3½-4	3-4
TAYSVANL3343AA .....	Service Valve Panel Cover Kit .....	2.....	—	3	2½
TAYSVANL0044AA .....	Service Valve Panel Cover Kit .....	2.....	—	5	5
TAYSVANL0046AA .....	Service Valve Panel Cover Kit .....	2.....	3-5	—	—
PAI00309③.....	Heresite Spraypaint.....	1.....	✓	✓	✓
BRK05033④.....	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.
- 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.

BUILT TO A HIGHER STANDARD<sup>®</sup>

**American Standard<sup>®</sup>**  
HEATING & AIR CONDITIONING

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



**Platinum 20  
(Variable Speed)**

**Table SH-1-A - Platinum 20 R-410A Split System Variable Speed Heat Pump (25–100% capacity)—with American Standard Link™ ①**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Sound** Rating		MCA*	Max. Fuse*	Line Size (in)	
			H	W	D		(Cool)	(Heat)			OD Gas	OD Liq.
4A6V0X24A1000A	208/230/1/60	24,000	41	33	30	225	54/65	60/69	17.0	25	3/4	3/8
4A6V0X36A1000A	208/230/1/60	36,000	41	37	34	263	59/70	60/72	26.0	40	3/4	3/8
4A6V0X48A1000A	208/230/1/60	48,000	41	37	34	275	61/74	62/76	29.0	45	7/8	3/8
4A6V0X60A1000A	208/230/1/60	54,000	45	37	34	285	57/73	61/74	37.0	50	7/8	3/8



**Platinum 19  
(Variable Speed)**

**Table SH-1-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.)			Shipping Weight (lbs.)	Sound** Rating		MCA*	Max. Fuse*	Line Size (in)	
			H	W	D		(Cool)	(Heat)			OD Gas	OD Liq.
4A6L9024A1000B①	208/230/1/60	24,000	37	47	18	230	50	49	19.1	25	5/8	3/8
4A6L9036A1000B①	208/230/1/60	36,000	37	47	18	252	48	49	26.9	30	3/4	3/8
4A6L9048A1000B①	208/230/1/60	48,000	43	47	18	271	54	52	31.8	35	7/8	3/8
4A6L9060A1000B①	208/230/1/60	54,000	43	47	18	271	56	52	36.1	40	7/8	3/8



**Platinum 18  
(Variable Speed)**

**Table SH-1-B - Platinum 18 R-410A Split System Variable Speed Heat Pump (25–100% capacity)—with American Standard Link™ ①**

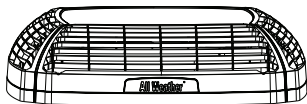
Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Sound** Rating		MCA*	Max. Fuse*	Line Size (in)	
			H	W	D		(Cool)	(Heat)			OD Gas	OD Liq.
4A6V8X24A1000A	208/230/1/60	24,000	41	33	30	225	54/65	60/69	17.0	25	5/8	3/8
4A6V8X36A1000A	208/230/1/60	36,000	41	33	30	238	56/70	60/74	25.0	35	3/4	3/8
4A6V8X48A1000A	208/230/1/60	48,000	41	37	34	268	61/74	62/76	28.0	40	7/8	3/8
4A6V8X60A1000A	208/230/1/60	54,000	45	37	34	285	57/73	61/74	37.0	50	7/8	3/8

① Must use UX360 Smart Thermostat and SC360 System Control.

② Must use ACONT850, AZONE950 or AZON1050 control.

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

\*\* Rated in accordance with 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

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

**Table SH-2-A – Features**

	Platinum 20 (4A6V0)	Platinum 19 (4A6L9)	Platinum 18 (4A6V8)
• SEER2 up to .....	20.50	19.00	18.00
• HSPF2 up to .....	8.70	9.00	8.50
• Duration™ compressor.....	1	1	1
• Number of stages.....	Variable	Variable	Variable
• Comfort-R™ mode approved .....	✓	✓	✓
• American Standard Link system.....	✓	✓	✓
• AccuLink™ II 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.....	✓	✓	✓
• Liquid line filter drier-factory supplied for field install .....	✓	✓	✓
• Seacoast shield-factory installed .....	✓	—	—
• Spinnaker gray cabinet.....	✓	✓	✓
• 10-year registered limited warranty on compressor, outdoor coil & all other functional parts (Residential Use)*.....	—	✓	—
• 12-year registered limited warranty on compressor, 10-year on outdoor coil & all other functional parts (Residential Use)*.....	✓	—	✓
• Extended warranties available.....	✓	✓	✓

\* Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at americanstandardair.com or by phone at 855-260-2975, otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.

**Table SH-2-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	—	—	✓
BAYWIND101	Wind Baffle Kit	5	—	✓	—
BAYSDHG003A	Hail Guard Kit 4.3	5	—	2-3	—
BAYSDHG004A	Hail Guard Kit 4.4	5	—	4-5	—
PAI00309Ⓞ	Heresite Spraypaint	1	✓	✓	✓
BRK05033Ⓜ	Wall Mount Kit		—	✓	—
BAYSEN01ATEMPA	External Ambient Kit		✓	✓	✓
BAYTWGR0004	All Weather™ Top - Fits unit base size of (W x D) of 37" X 34"		—	—	048-060
BAYTWGR0003	All Weather™ Top - Fits unit base size of (W x D) of 33" X 30"		—	—	024-036
BAYECC001	Extreme Coastal Conditions Kit*		✓	—	✓

\* Not for use in Arizona or other extreme heat applications.

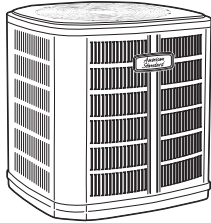
**Comfort Controls – See Comfort Controls/Zone Sensors Section**

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

Split System Heat Pumps



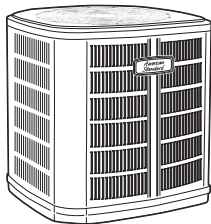
# Split System Heat Pumps Single Phase - 1½-5 Tons



**Gold 16  
(Two Stage)**

**Table SH-3-A — Gold 16 R-410A Split System Two Stage Heat Pump (70/100% capacity)**

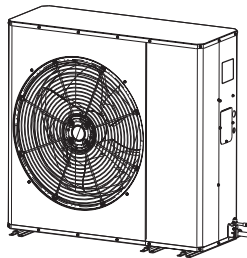
Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					OD Gas	OD Liq.
4A6H6024N1000A	208/230/1/60	24,000	41	37	34	272	72	15.0	25	5/8	3/8
4A6H6036N1000A	208/230/1/60	36,000	45	37	34	307	72	20.0	35	3/4	3/8
4A6H6048N1000A	208/230/1/60	48,000	45	37	34	329	72	28.0	45	7/8	3/8
4A6H6060N1000A	208/230/1/60	54,000	45	37	34	330	74	35.0	60	1 1/8	3/8



**Silver 15  
(Single Stage)**

**Table SH-3-B — Silver 15 R-410A Split System Single Stage Heat Pump**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					OD Gas	OD Liq.
4A6H5018N1000A	208/230/1/60	18,000	33	33	30	208	71	15.0	20	3/4	3/8
4A6H5024N1000A	208/230/1/60	24,000	33	33	30	208	71	15.0	25	3/4	3/8
4A6H5030N1000A	208/230/1/60	30,000	29	33	30	191	71	15.0	25	3/4	3/8
4A6H5036N1000A	208/230/1/60	36,000	37	37	34	246	70	18.0	30	7/8	3/8
4A6H5042N1000A	208/230/1/60	42,000	45	37	34	277	72	24.0	40	7/8	3/8
4A6H5048N1000A	208/230/1/60	48,000	45	37	34	300	72	26.0	40	7/8	3/8
4A6H5060N1000A	208/230/1/60	54,000	45	37	34	301	72	32.0	50	1 1/8	3/8



**Silver 15  
(Single Stage)**

**Table SH-3-C — Silver 15 R-410A Side Discharge Single Stage Heat Pump**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					OD Gas	OD Liq.
4A6L5024N1000A①	208/230/1/60	24,000	37	47	18	224	70	15.0	25	3/4	3/8
4A6L5030N1000A①	208/230/1/60	30,000	37	47	18	224	70	15.0	25	3/4	3/8
4A6L5036N1000A①	208/230/1/60	36,000	37	47	18	226	71	17.0	30	7/8	3/8
4A6L5042N1000A①	208/230/1/60	42,000	43	47	18	266	74	24.0	40	7/8	3/8
4A6L5048N1000A①	208/230/1/60	48,000	43	47	18	266	74	24.0	40	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: 4A6L5036N1COTA 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

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

**Table SH-4-A – Features**

	Gold 16 (4A6H6)	Silver 15 (4A6H5)	Silver 15 (4A6L5)
• SEER2 up to .....	16.20	15.60	15.60
• HSPF up to .....	8.0	7.80	8.0
• 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 with registration* .....	✓	—	—
• 10-year limited warranty on compressor, outdoor coil & all other functional parts with registration.....	—	✓	✓
• Extended warranties available .....	✓	✓	✓

\* Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at americanstandardair.com or by phone at 855-260-2975, otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.

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

Model Number	Description	Shipping Weight	Gold 16 (4A6H6)	Silver 15 (4A6H5)	Silver 15 (4A6L5)
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	—

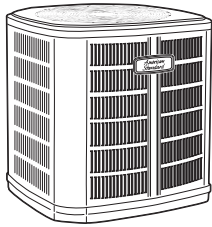
**Comfort Controls – See Comfort Controls/Zone Sensors Section**

- 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.

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



**Silver 14  
(Single Stage)**

**Table SH-5-B — Silver 14 R-410A Split System Single Stage Heat Pump**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					OD Gas	OD Liq.
4A6H4018N1000A	208/230/1/60	18,000	33	33	30	208	71	15.0	25	¾	⅜
4A6H4024N1000A	208/230/1/60	24,000	33	33	30	208	71	15.0	25	¾	⅜
4A6H4030N1000A	208/230/1/60	30,000	29	33	30	191	71	15.0	25	¾	⅜
4A6H4036N1000A	208/230/1/60	36,000	37	37	34	246	70	18.0	30	7/8	⅜
4A6H4042N1000A	208/230/1/60	42,000	45	37	34	277	72	24.0	40	7/8	⅜
4A6H4048N1000A	208/230/1/60	48,000	45	37	34	300	72	26.0	40	7/8	⅜
4A6H4060N1000A	208/230/1/60	54,000	45	37	34	301	72	32.0	50	1 1/8	⅜

\* 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-6-A – Features**

	Silver 14 (4A6H4)
• SEER2 up to .....	14.80
• HSPF2 up to .....	7.80
• 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
• 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 with registration .....	✓
• Extended warranties available .....	✓

\* Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at [americanstandardair.com](http://americanstandardair.com) or by phone at 855-260-2975, otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on [ASDealerNet.com](http://ASDealerNet.com).

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

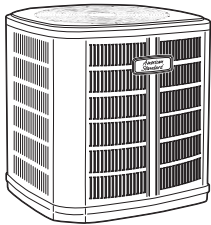
Model Number	Description	Shipping Weight	
AY28X084.....	Evaporator Defrost Control.....	1.....	✓
BAYCCHT301RES .....	Crankcase Heater Kit (Scroll).....	1.....	3½-5
BAYCCHT302RES .....	Crankcase Heater Kit (Scroll).....	1.....	1½-3
BAYECMT023 .....	Extreme Conditions Mounting Kit (Base 2/3) .....	2.....	1½-2
BAYECMT004 .....	Extreme Conditions Mounting Kit (Base 4).....	2.....	2½-5
BAYISLT101 .....	Rubber Isolators.....	1.....	✓
BAYKSKT263 .....	Start kit (Scroll) .....	1.....	✓
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.....	1½-3½
BAYSDEN004 .....	Large Scroll Compressor Enclosures .....	8.....	4-5
BAYSEAC001 .....	Seacoast Kit .....	1.....	✓
AAYSVPANL0022AA....	Service Valve Panel Cover Kit .....	2.....	1½
AAYSVPANL0032AA....	Service Valve Panel Cover Kit .....	2.....	2-3½
AAYSVPANL3343AA....	Service Valve Panel Cover Kit .....	2.....	4
AAYSVPANL0044AA....	Service Valve Panel Cover Kit .....	2.....	—
AAYSVPANL0046AA....	Service Valve Panel Cover Kit .....	2.....	5
PAI00309③.....	Heresite Spraypaint.....	1.....	✓
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" .....		024

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

- ① Do not use with programmable thermostats.
- ② Activated on Power Off.

Split System Heat Pumps

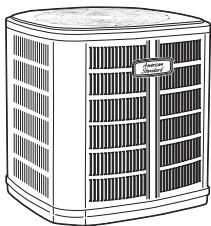
# Split System Heat Pumps Three Phase



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

**Table SH-7-A – Gold 17 3-Phase R-410A Split System Two Stage Heat Pump - Three Phase**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					OD Gas	OD Liq.
4A6C7036A3000A	208/230/3/60	36,000	45	37	34	307	72	15.0	25	3/4	3/8
4A6C7048A3000A	208/230/3/60	48,000	45	37	34	323	73	18.0	30	7/8	3/8
4A6C7060A3000A	208/230/3/60	54,000	45	37	34	326	74	22.0	35	7/8	3/8
4A6C7036A4000A	460/3/60	36,000	45	37	34	307	72	8.0	15	3/4	3/8
4A6C7048A4000A	460/3/60	48,000	45	37	34	323	73	9.0	15	7/8	3/8
4A6C7060A4000A	460/3/60	54,000	45	37	34	326	74	10.0	15	7/8	3/8



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

**Table SH-7-B – Silver 14 3-Phase R-410A Split System Single Stage Heat Pump - Three Phase**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					OD Gas	OD Liq.
4A6C4036A3000A	208/230/3/60	36,000	29	37	34	248	75	13.0	20	7/8	3/8
4A6C4042A3000A	208/230/3/60	42,000	29	37	34	248	74	18.0	30	7/8	3/8
4A6C4048A3000A	208/230/3/60	48,000	33	37	34	252	74	18.0	30	7/8	3/8
4A6C4060A3000A	208/230/3/60	54,000	45	37	34	325	74	21.0	35	7/8	3/8
4A6C4036A4000A	460/3/60	36,000	29	37	34	248	75	6.0	15	7/8	3/8
4A6C4042A4000A	460/3/60	42,000	29	37	34	248	74	8.0	15	7/8	3/8
4A6C4048A4000A	460/3/60	48,000	33	37	34	252	74	8.0	15	7/8	3/8
4A6C4060A4000A	460/3/60	54,000	45	37	34	324	74	9.0	15	7/8	3/8

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

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

# Split System Heat Pumps Single Phase and Three Phase

Table SH-8-A — Features	Gold 17 (4A6C7)	Silver 14 (4A6C4)
• SEER up to.....	17.5	15.5
• HSPF up to .....	9.60	9.50
• 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/Aluminum coil .....	—	—
• Compressor sump heat - factory installed .....	✓	✓
• Refrigerant .....	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 with registration* (Residential Use) .....	—	—
• Extended warranties available.....	✓	✓

\* Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at americanstandardair.com or by phone at 855-260-2975, otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.

Table SH-8-B — Optional Accessories

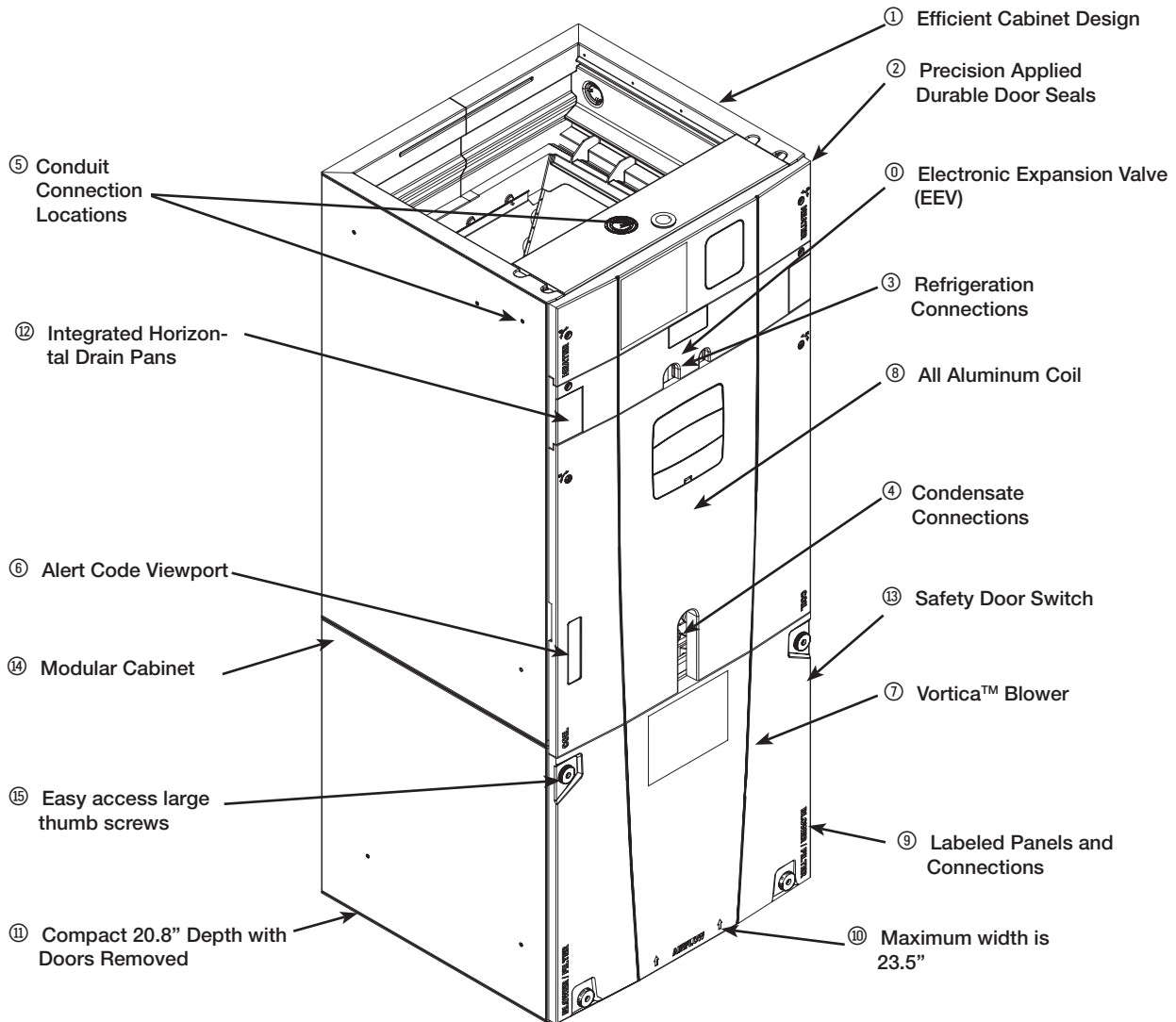
Model Number	Description	Shipping Weight		
AY28X084.....	Evaporator Defrost Control HP .....	1.....	✓	✓
BAYECMT004 .....	Extreme Conditions Mounting Kit (Base 4).....	2.....	3-5	3-5
BAYISLT101 .....	Rubber Isolators.....	1.....	✓	✓
BAYLEGS007 .....	Snow Legs - 7" High (Black).....	1.....	✓	✓
BAYLEGS004 .....	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
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.

Split System Heat Pumps

# Features and Benefits



- ① **Efficient Cabinet Design**
  - Double wall foamed cabinet system
  - Waterproof Cabinet Design (No Thermal Breakage)
  - $\geq$  R-4.2 Insulating Value
  - 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 TAMX Variable Speed Multi-Position Air-Tite™ Air Handlers 2-5 Tons

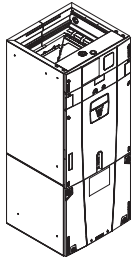


Table AH-2-A — American Standard Link or 24V Variable Speed R-410A with Smart Fan Options 200-230/1/60, Epoxy Coated Coil

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	Liquid
TAMXB0A24V21DA	24,000	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
TAMXB0B30V31DA	30,000	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
TAMXB0C36V31DA	36,000	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
TAMXB0C42V41DA	42,000	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
TAMXB0C48V41DA	48,000	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
TAMXB0C60V51DA	60,000	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

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

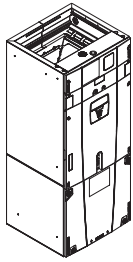


Table AH-2-B — AccuLink™ II or 24V Variable Speed R-410A with Smart Fan Options 200-230/1/60, Epoxy Coated Coil

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	Liquid
TAM9A0A24V21DB	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
TAM9A0B30V31DB	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
TAM9A0C36V31DB	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
TAM9A0C42V41DB	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
TAM9A0C48V41DB	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
TAM9A0C60V51DB	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



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

**Table AH-3-A — Features**

	TAMX	TAM9
• <b>American Standard</b> ® Link or 24 Volt control <sup>②</sup> .....	✓	—
• <b>AccuLink</b> ™ or 24 Volt control.....	—	✓
• Capability to connect to American Standard Link mobile application to conduct setup, view diagnostics, error codes, and more.....	✓	—
• Alert port to view control board codes without door removal.....	✓	✓
• 5 button user interface and clear description of set up .....	—	✓
• <b>Comfort R</b> ™ mode .....	✓ <sup>①</sup>	✓
• 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.....	✓	✓
– 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) .....	✓	✓
• Alert code notification.....	✓	✓
• Low voltage terminal connection point.....	✓	✓
• <b>Vortica</b> ® blower with polarized plug connections and integrated slide deck for easy removal.....	✓	✓
• Aluminum coil with integrated slide deck for easy removal and polarized plug connections on coil EEV .....	✓	✓
• 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.....	✓	✓
• Built in fan delay modes .....	✓	✓
• Maximum width of 23.5" .....	✓	✓
• Compact 20.8" depth with doors removed.....	✓	✓
• Fused 24v power .....	✓	✓
• <b>10-year limited warranty/parts with registration</b> * .....	✓	✓
• <b>10-year limited warranty/coil with registration</b> *.....	✓	✓

① Comfort R mode is configurable through the tech app on TAMX products

② Models with a B in the 5th digit or later can operate in either American Standard Link or 24V mode. Prior revisions are American Standard Link only.

\* Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at americanstandardair.com or by phone at 855-260-2975, otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.

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

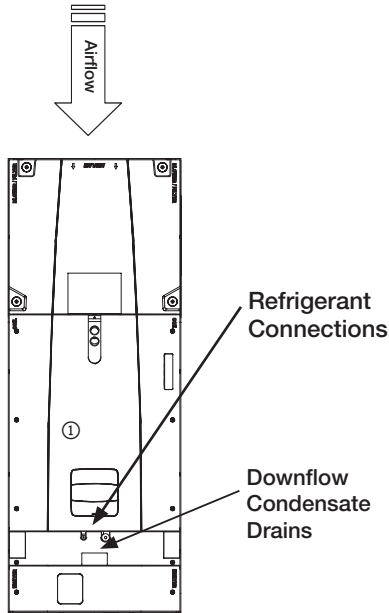
Table AH-4-A — Optional Accessories

Model Number	Description	Matches Cabinet Size ①	TAMX	TAM9
BAYAHPTKT	Air Handler Pressure Transducer Kit	A to C	✓	—
BAYSUPFLGAA	Supply Duct Flange A	A	✓	✓
BAYSUPFLGBA	Supply Duct Flange B	B	✓	✓
BAYSUPFLGCA	Supply Duct Flange C	C	✓	✓
BAYRETLGAA	Supply Duct Flange A	A	✓	✓
BAYRETLGBA	Supply Duct Flange B	B	✓	✓
BAYRETLGCA	Supply Duct Flange C	C	✓	✓
BAYSRKIT100A	Side Return Kit	A to C	✓	✓
BAYFLR1620A	High Velocity Filter Kit, 16" x 20" x 1" (10 filters)	A	✓	✓
BAYFLR2020A	High Velocity Filter Kit, 20" x 20" x 1" (10 filters)	B	✓	✓
BAYFLR2220A	High Velocity Filter Kit, 22" x 20" x 1" (10 filters)	C	✓	✓
TASB175SB ②⑤	Plenum Stand with integrated sound baffle A	A	✓	✓
TASB215SB ②⑤	Plenum Stand with integrated sound baffle B	B	✓	✓
TASB235SB ②⑤	Plenum Stand with integrated sound baffle C	C	✓	✓
MITISRKIT01 ②	Side Return Kit with 16" x 20" Filter	A to C	✓	✓
BAYFRKIT175	Front Return Kit for 17.5" Cabinet	A	✓	✓
BAYFRKIT210	Front Return Kit for 21.0" Cabinet	B	✓	✓
BAYFRKIT235	Front Return Kit for 23.5" Cabinet	C	✓	✓
TAYBASETAMA	Downflow Sub-Base Kit	A to C	✓	✓
BAYBAFKT175A ⑦	Sound Baffle Kit for 17.5" Cabinet	A	✓	✓
BAYBAFKT215A ⑦	Sound Baffle Kit for 21.0" Cabinet	B	✓	✓
BAYBAFKT235A ⑦	Sound Baffle Kit for 23.5" Cabinet	C	✓	✓
TASSBK175 ②④⑥	Sound Baffle Kit for 17.5" Cabinet	A	✓	✓
TASSBK210 ②④⑥	Sound Baffle Kit for 21.0" Cabinet	B	✓	✓
TASSBK235 ②④⑥	Sound Baffle Kit for 23.5" Cabinet	C	✓	✓
BAYICKSKIT01A	Internal Condensate Switch Kit	A to C	✓	✓
BAYHHKIT001A	Horizontal Hanger Kit	A to C	✓	✓
BAYUVCLK001A	UVC Lights	A to C	✓	✓
BAYLVKIT100A	Low Voltage Conduit Entry Kit	A to C	✓	✓
BAYSPEKT200A	Single Power Entry Kit	A to C	✓	✓
BAYWAAA05SC1AA	Hydronic Coil — 50,000 BTUH — Slide-in	A	✓	✓
BAYWABB07SC1AA	Hydronic Coil — 70,000 BTUH — Slide-in	B	✓	✓
BAYWACC08SC1AA	Hydronic Coil — 80,000 BTUH — Slide-in	C	✓	✓
BAYWACC11SC1AA	Hydronic Coil — 100,000 BTUH — Slide-in	C	✓	✓
BAYWAKIT24VAC	Hydronic Heater Relay Kit — (used in Communicating mode only)	A to C	✓	✓
BAYCNDPIP01A	3/4" PVC Threaded Pipe Kit foam Seal (10 per box)	A to C	✓	✓
BAYAHEMIKIT001A	EMI/EFI Air Handler Electronic noise kit for variable speed blower motor	A to C	✓	✓

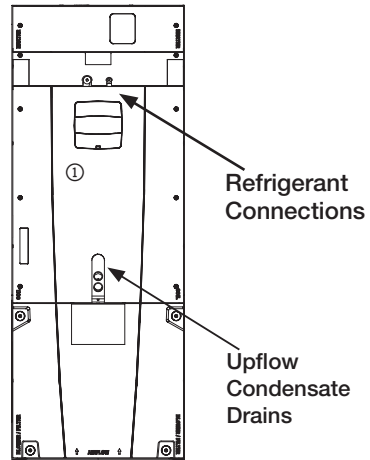
- ① A Cabinet is 17.5" wide, B Cabinet is 21.5" wide, C Cabinet is 23.5" wide.
- ② Contact your distributor for information.
- ③ ACONT900 Thermostat can not be used with Hydronic heating.
- ④ In return plenum applications, use TASSBK kits for sound reduction.
- ⑤ In open air applications, Plenum Stand 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.

# Multi-position Air Handler

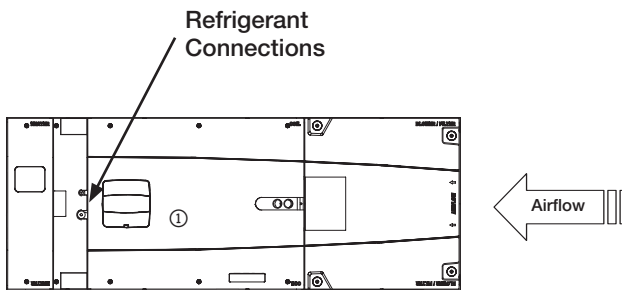
\* **Note: No internal modifications required for any position.**  
 ① Badge rotation will keep brand in correct position



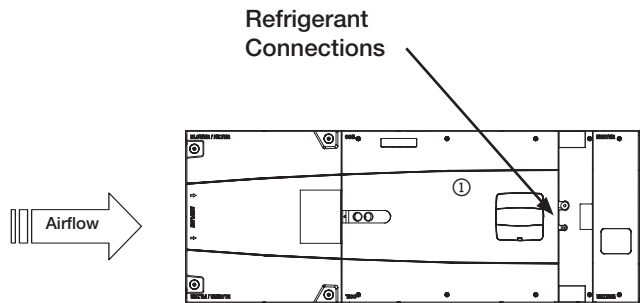
Vertical Downflow\*



Vertical Upflow\*  
(as shipped)



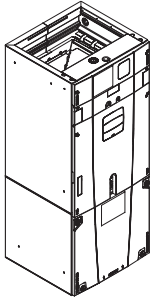
Horizontal Left\*



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.

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



**Table AH-6-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	Liquid
GAM5B0A18M11EA	18000	49.9 x 17.5 x 21.8	126	14.5 x 14.35	14.5 x 17.15	16 x 20 x 1	¾	¾
GAM5B0A24M21EA	24000	49.9 x 17.5 x 21.8	126	14.5 x 14.35	14.5 x 17.15	16 x 20 x 1	¾	¾
GAM5B0B30M21EA	30000	51.5 x 21.3 x 21.8	140	18.4 x 14.35	18.4 x 17.15	20 x 20 x 1	¾	¾
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	¾
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	¾
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	¾
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	¾

**Table AH-6-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 .....	✓
– 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 .....	✓
• <b>Vortica</b> <sup>®</sup> 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 .....	✓
• 10-year limited warranty/parts with registration* .....	✓
• 10-year limited warranty/coil with registration* .....	✓

\* Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at [americanstandardair.com](http://americanstandardair.com) or by phone at 855-260-2975, otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on [ASDealerNet.com](http://ASDealerNet.com).

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

Table AH-7-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 Control <sup>Ⓣ</sup>	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	UV 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	✓
TASB175SB <sup>Ⓣ</sup> <sup>Ⓞ</sup>	Plenum Stand with Integrated Sound Baffle A	A	✓
TASB215SB <sup>Ⓣ</sup> <sup>Ⓞ</sup>	Plenum Stand with Integrated Sound Baffle B	B	✓
TASB235SB <sup>Ⓣ</sup> <sup>Ⓞ</sup>	Plenum Stand with Integrated Sound Baffle C	C	✓
MTISRKIT1620 <sup>Ⓣ</sup>	Side Return Kit with 16"x20" Filter	A-C	✓
TASSBK175 <sup>Ⓣ</sup> <sup>Ⓞ</sup> <sup>Ⓟ</sup>	Sound Baffle Kit 17.5" Cabinet	A	✓
TASSBK215 <sup>Ⓣ</sup> <sup>Ⓞ</sup> <sup>Ⓟ</sup>	Sound Baffle Kit 21.5" Cabinet	B	✓
TASSBK235 <sup>Ⓣ</sup> <sup>Ⓞ</sup> <sup>Ⓟ</sup>	Sound Baffle Kit 23.5" Cabinet	C	✓
BAYSPEKT200	Single Power Entry Kit		✓
BAYSRKIT100	Side Return Kit	A-C	✓
BAYFRKIT175	Front Return Kit	A	✓
BAYFRKIT210	Front Return Kit	B	✓
BAYFRKIT235	Front Return Kit	C	✓
BAYHHKIT001	Horizontal Hanger Kit		✓
BAYLVKIT100A	Low Voltage Conduit Entry Kit		✓
BAYAHEMIKIT001	Air handler Electronic Noise Kit used on Variable Speed Blower Motor		✓
BAYBAFKT175A <sup>Ⓞ</sup>	Baffle Kit 17.5" Cabinet	A	✓
BAYBAFKT215A <sup>Ⓞ</sup>	Baffle Kit 21.5" Cabinet	B	✓
BAYBAFKT235A <sup>Ⓞ</sup>	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

- Ⓛ A Cabinet is 17.5" wide, B Cabinet is 21.5" wide, C Cabinet is 23.5" wide.
- Ⓜ Contact your distributor for information.
- Ⓨ In return plenum applications, use TASSBK kits for sound reduction.
- Ⓩ In open air applications, Plenum Stand with Sound Baffle provides sound reduction.
- ⓐ Mounts to TASB original plenum stands without integrated sound baffle.
- ⓑ Mounts inside air filter channel on air handler.
- ⓓ ACONT900 Thermostat can not be used with Hydronic heating.

# Heaters for Multi-Position Air Handlers

**Table AH-8-A – BAYEA – Heater, Standard, for Forefront TAMX, TAM9, and GAM5 Air Handlers**

Heater Model Number	Capacity @ 240 Volts		Capacity @ 208 Volts		Rated Voltage	Control Stages	Number of Heater Racks	Number of Circuits	Heater Amps per Circuit		Contains Circuit Breakers
	kW	BTUH	kW	BTUH					208 Volts	240Volt	
BAYEAAC04BK1BB	3.84	13100	2.88	9800	208/240/1/60	1	1	1	13.8	16	Yes
BAYEAAC04LG1BB	3.84	13100	2.88	9800	208/240/1/60	1	1	1	13.8	16	No
BAYEAAC05BK1BB	4.80	16400	3.60	12300	208/240/1/60	1	1	1	17.3	20	Yes
BAYEAAC05LG1BB	4.80	16400	3.60	12300	208/240/1/60	1	1	1	17.3	20	No
BAYEAAC08BK1BB	7.68	26200	5.76	19700	208/240/1/60	2	2	1	27.7	32	Yes
BAYEAAC08LG1BB	7.68	26200	5.76	19700	208/240/1/60	2	2	1	27.7	32	No
BAYEAAC10BK1BB	9.60	32800	7.20	24600	208/240/1/60	2	2	1	34.6	40	Yes
BAYEAAC10LG1BB	9.60	32800	7.20	24600	208/240/1/60	2	2	1	34.6	40	No
BAYEABC15BK1BB	14.40	49200	10.80	36900	208/240/1/60	3	3	2	34.6/17.3	40/20	Yes
BAYEABC20BK1BB	19.20	65600	14.40	49200	208/240/1/60	3	4	2	34.6/34.6	40/40	Yes
BAYEACC25BK1BB	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-8-B – BAYEA – Heater, 3-Phase, for Forefront TAM9 and GAM5 Air Handlers ①**

Heater Model Number	Capacity @ 240 Volts		Capacity @ 208 Volts		Rated Voltage	Control Stages	Number of Heater Racks	Number of Circuits	Heater Amps per Circuit		Contains Circuit Breakers
	kW	BTUH	kW	BTUH					208 Volts	240Volt	
BAYEAAC10LG3BB	9.60	32800	7.20	24600	208/240/3/60	1	3	1	20.0	23.1	No
BAYEABC15LG3BB	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-9-A – Air Handler/Heater Matrix**

AIR HANDLER	HEATER MODEL NUMBER BAYEA-										
MODEL NUMBER	AC04BK1BB 3.84 Kw BK	AC04LG1BB 3.84 Kw LG	AC05BK1BB 4.80 Kw BK	AC05LG1BB 4.80 Kw LG	AC08BK1BB 7.68 Kw BK	AC08LG1BB 7.68 Kw LG	AC10BK1BB 9.60 Kw BK	AC10LG1BB 9.60 Kw LG	BC15BK1BB 14.40 Kw BK	BC20BK1BB 19.20 Kw BK	CC25BK1BB 24.00 Kw BK
TAM9A0A24V21 / TAMXB0A24V21	Y	Y	Y	Y	Y	Y	Y	Y	—	—	—
TAM9A0B30V31 / TAMXB0B30V31	Y	Y	Y	Y	Y	Y	Y	Y	Y	—	—
TAM9A0C36V31 / TAMXB0C36V31	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	—
TAM9A0C42V41 / TAMXB0C42V41	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	—
TAM9A0C48V41 / TAMXB0C48V41	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
TAM9A0C60V51 / TAMXB0C60V51	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

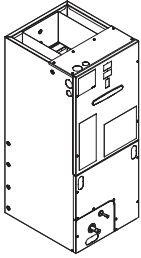
BK = Contains circuit breakers  
LG = Contains lug connections

**Table AH-9-B – Air Handler/Heater Matrix (continued)**

AIR HANDLER	3 PHASE HEATER MODEL NUMBER BAYEA-	
MODEL NUMBER	AC10LG3BB 9.60 Kw LG	BC15LG3BB 9.60 Kw LG
TAM9A0A24V21 / TAMXB0A24V21	Y	—
TAM9A0B30V31 / TAMXB0B30V31	Y	Y
TAM9A0C36V31 / TAMXB0C36V31	Y	Y
TAM9A0C42V41 / TAMXB0C42V41	Y	Y
TAM9A0C48V41 / TAMXB0C48V41	Y	Y
TAM9A0C60V51 / TAMXB0C60V51	Y	Y
GAM5B0A18M11	Y	—
GAM5B0A24M21	Y	—
GAM5B0B30M21	Y	Y
GAM5B0B36M31	Y	Y
GAM5B0C42M31	Y	Y
GAM5B0C48M41	Y	Y
GAM5B0C60M51	Y	Y

LG = Contains lug connections

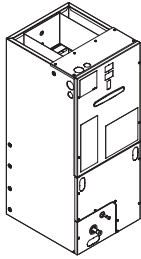
# TEM Split System Air Handlers Single Phase 1½-5 Tons



**Table AH-10-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	Liquid
TEM8A0B24V21DC	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
TEM8A0B30V31DC	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
TEM8A0C36V31DC	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
TEM8A0C42V41DC	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
TEM8A0C48V41DC	48000	57.38 x 23.5 x 21.13	185	21.5 x 12.15	21.75 x 18.75	①	7/8	3/8
TEM8B0C60V51DA	60000	57.38 x 23.5 x 21.13	185	21.5 x 12.15	21.75 x 18.75	①	7/8	3/8

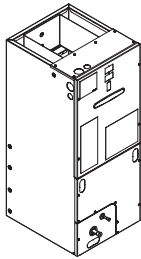
① Filter not supplied. Remote filter required.



**Table AH-10-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	Liquid
TEM6A0B24H21SC	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
TEM6A0B30H21SC	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
TEM6A0C36H31SC	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
TEM6A0C42H41SC	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
TEM6A0C48H41SC	48000	57.38 x 23.5 x 21.13	185	21.5 x 12.15	21.75 x 18.75	①	7/8	3/8
TEM6B0C60H51SA	60000	57.38 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.



**Table AH-10-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	Liquid
TEM4B0B24M21SA	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
TEM4A0B31M31SB	30000	46.75 x 18.5 x 21.13	145	16.5 x 12.15	16.75 x 18.75	①	3/4	3/8
TEM4B0C37M31SA	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
TEM4A0C42S41SC②	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
TEM4A0C43M41SB	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
TEM4A0C48S41SC②	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
TEM4A0C49M41SB	48000	57.38 x 23.5 x 21.13	185	21.5 x 12.15	21.75 x 18.75	①	7/8	3/8
TEM4B0C60S51SA	60000	57.38 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.

② AC only



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

**Table AH-11-A – Features**

	TEM8 2-5	TEM6 2-5	TEM4 2-5
• Painted metal cabinet with captured foil face insulation.....	✓	✓	✓
• 2% or less air leakage.....	✓	✓	✓
• <b>AccuLink™ II</b> 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).....	—	—	✓
• 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.....	✓	✓	—
• <b>Comfort R™</b> mode.....	✓	✓	—
• Built in fan delay modes.....	✓	✓	—
• Maximum Width 23.5".....	✓	✓	✓
• Compact 22" depth.....	✓	✓	✓
• Draw through design.....	✓	✓	✓
• <b>10-year limited warranty/parts with registration*</b> .....	✓	✓	✓
• <b>10-year limited warranty/coil with registration*</b> .....	✓	✓	✓

\* Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at americanstandardair.com or by phone at 855-260-2975, otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.

**Table AH-11-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"	✓	✓	✓
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	—
BAYATXV1836B.....	R-22 TXV conversion kit.....		—	—	1½-2½
BAYATXV4248B.....	R-22 TXV conversion kit.....		—	—	3-4
BAYATXV6161B.....	R-22 TXV conversion kit.....		4-5②	4-5②	5

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

② TEM6A0D48, TEM6A0D60, TEM8A0D48, TEM8A0D60

# Heaters for TEM Split System Air Handlers

**Table AH-12-A – BAYHTR15 – Heater, Standard, for TEM Air Handlers**

Heater Model Number	Capacity @ 240 Volts		Capacity @ 208 Volts		Rated Control	Voltage Stages	Number of Heater Racks	Number of Circuits	Heater Amps per Circuit		Contains Circuit Breakers
	kW	BTUH	kW	BTUH					208 Volts	240 Volts	
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
BAYHTR1517BRKA	14.4	49200	10.8	36900	208/240/1/60	2	3	2	51.9	60	Yes
BAYHTR1520BRKB	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-12-B – BAYHTR35 – Heater, 3-Phase, for TEM Air Handlers ①**

Heater Model Number	Capacity @ 240 Volts		Capacity @ 208 Volts		Rated Control	Voltage Stages	Number of Heater Racks	Number of Circuits	Heater Amps per Circuit		Contains Circuit Breakers
	kW	BTUH	kW	BTUH					208 Volts	240 Volts	
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-13-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
TEM8A0B24V21DC TEM8A0B30V31DC TEM6A0B24H21SC TEM6A0B30H21SC	Y	Y	Y	Y	Y	-	-	Y	Y
TEM8A0C36V31DC TEM8A0C42V41DC TEM6A0C36H31SC TEM6A0C42H41SC	Y	Y	Y	Y	Y	Y	-	Y	Y
TEM8A0C48V41DC TEM8B0C60V51DA TEM6A0C48H41SC TEM6B0C60H51SA	Y	Y	Y	Y	Y	Y	Y	Y	Y

**Table AH-13-B – TEM4 Air Handler and Heater matches**

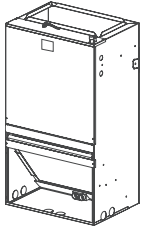
TEM4 HEATER MATRIX					
AIR HANDLER	HEATER MODEL NUMBER				
MODEL NUMBER	"BAYHTR1504BRKC BAYHTR1504LUGB 3.84 Kw BK BAYHTR1505BRKC BAYHTR1505LUGB 4.80 Kw BK"	"BAYHTD1508BRKC BAYHTR1508LUGB 7.68 Kw BK BAYHTR1510BRKC BAYHTR1510LUGB BAYHTR3510LUGC 9.60 Kw BK"	"BAYHTR1517BRKA BAYHTR3517LUGA 14.40 Kw BK"	"BAYHTR1523BRKA 19.20 Kw BK"	"BAYHTR1525BRKA 24.00 Kw BK"
TEM4A0B18S21SC	Y	Y	-	-	-
TEM4A0B24S21SC	Y	Y	-	-	-
TEM4A0B30S31SC	Y	Y	Y	-	-
TEM4A0B36S31SC	Y	Y	Y	-	-
TEM4A0C37S31SC	Y	Y	Y	Y	-
TEM4A0C42S41SC	Y	Y	Y	Y	-
TEM4A0C48S41SC	Y	PHYSING OUT	Y	Y	Y
TEM4A0C60S51SC	Y	Y	Y	Y	Y
TEM4A0B19M21SA	Y	Y	-	-	-
TEM4A0B31M31SB	Y	Y	Y	-	-
TEM4A0C43M41SA	Y	Y	Y	Y	-
TEM4A0C49M41SB	Y	Y	Y	Y	Y
TEM4A0C61M51SB	Y	Y	Y	Y	Y
TEM4B0B24M21SA	Y	Y	-	-	-
TEM4A0B31M31SB	Y	Y	Y	-	-
TEM4B0C37M31SA	Y	Y	Y	Y	-
TEM4A0C42S41SC	Y	Y	Y	Y	-
TEM4A0C43M41SB	Y	Y	Y	Y	-
TEM4A0C48S41SC	Y	Y	Y	Y	Y
TEM4A0C49M41SB	Y	Y	Y	Y	Y
TEM4B0C60S51SA	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.

BUILT TO A HIGHER STANDARD™

**American Standard**  
HEATING & AIR CONDITIONING

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



**Table AH-14-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	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-14-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	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-14-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 limited warranty/parts with registration* .....	✓	✓
• 10-year limited warranty/coil with registration* .....	✓	✓

\* Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at [americanstandardair.com](http://americanstandardair.com) or by phone at 855-260-2975, otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.

Air Handlers/Heaters

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

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

Table AH-15-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	✓	✓
BAYFRTLLOUPNL20	Front louver panel 20.5" width	—	✓
BAYFRTLLOUPNL22	Front louver panel 22.0" width	✓	✓
BAYTMMWALLPNL1	Return air / service wall panel (Qty 20)	✓	✓

## Heaters for TMM Split System Air Handlers

Table AH-15-B – BAYHTRM – Heater, Standard, for TMM Air Handlers

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



# 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	OD Liq.
4TXCA002DS3HCA	1.5 - 2.5	A	TXVNB①	12 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	17.5 x 14.5 x 21.5	42	3/4	3/8
4TXCA032DS3HCA	1.5 - 3.0	A	TXVNB①	12 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	22.5 x 14.5 x 21.5	46	3/4	3/8
4TXCB003DS3HCA	1.5 - 4.0	A	TXVNB①	15 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	17.5 x 17.5 x 21.5	50	3/4	3/8
4TXCB004DS3HCB	1.5 - 4.0	A	TXVNB①	15 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	22.5 x 17.5 x 21.5	58	7/8	3/8
4TXCC005DS3HCA	1.5 - 4.0	A	TXVNB①	19 <sup>1</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	22.5 x 21 x 21.5	60	7/8	3/8
4TXCB006DS3HCA	2.0 - 4.0	A	TXVNB①	15 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	26.9 x 17.5 x 21.5	65	7/8	3/8
4TXCC007DS3HCA	2.0 - 5.0	A	TXVNB①	19 <sup>1</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	26.9 x 21 x 21.5	69	7/8	3/8
4TXCD008DS3HCA	2.0 - 5.0	A	TXVNB①	22 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	26.9 x 24.5 x 21.5	72	7/8	3/8
4TXCC009DS3HCA	3.0 - 5.0	A	TXVNB①	19 <sup>1</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	30.7 x 21 x 21.5	78	7/8	3/8
4TXCD010DS3HCA	3.0 - 5.0	A	TXVNB①	22 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	30.7 x 24.5 x 21.5	81	7/8	3/8



**4PXC-U  
Comfort™ Coil**

**Table COIL-1-B – Aluminum High Efficiency Staged System Cased 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	OD Liq.
4PXCAU24BS3HAA	1.5 - 2.5	A	TXVNB①	12 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	17.5 x 14.5 x 21.5	39	3/4	3/8
4PXCBU24BS3HAA	1.5 - 2.5	A	TXVNB①	15 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	17.5 x 17.5 x 21.5	42	3/4	3/8
4PXCAU32BS3HAA	1.5 - 3.0	A	TXVNB①	12 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	22.5 x 14.5 x 21.5	43	3/4	3/8
4PXCBU30BS3HAA	1.5 - 4.0	A	TXVNB①	15 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	17.5 x 17.5 x 21.5	47	3/4	3/8
4PXCCU30BS3HAA	1.5 - 4.0	A	TXVNB①	19 <sup>1</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	17.5 x 21 x 21.5	49	3/4	3/8
4PXCBU36BS3HAB	1.5 - 4.0	A	TXVNB①	15 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	22.5 x 17.5 x 21.5	54	7/8	3/8
4PXCCU36BS3HAA	1.5 - 4.0	A	TXVNB①	19 <sup>1</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	22.5 x 21 x 21.5	56	7/8	3/8
4PXCBU42BS3HAA	1.5 - 4.0	A	TXVNB①	15 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	26.9 x 17.5 x 21.5	61	7/8	3/8
4PXCCU42BS3HAA	1.5 - 4.0	A	TXVNB①	19 <sup>1</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	26.9 x 21 x 21.5	64	7/8	3/8
4PXCBU48BS3HAA	2.0 - 4.0	A	TXVNB①	15 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	26.9 x 17.5 x 21.5	61	7/8	3/8
4PXCCU48BS3HAA	2.0 - 5.0	A	TXVNB①	19 <sup>1</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	26.9 x 21 x 21.5	64	7/8	3/8
4PXCDU48BS3HAA	2.0 - 5.0	A	TXVNB①	22 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	26.9 x 24.5 x 21.5	68	7/8	3/8
4PXCCU60BS3HAA	3.0 - 5.0	A	TXVNB①	19 <sup>1</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	30.7 x 21 x 21.5	73	7/8	3/8
4PXCDD60BS3HAA	3.0 - 5.0	A	TXVNB①	22 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	30.7 x 24.5 x 21.5	77	7/8	3/8



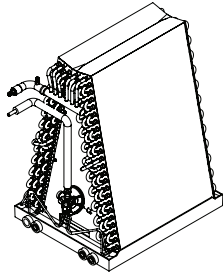
**4PXC-D  
Comfort™ Coil**

**Table COIL-1-C – Aluminum High Efficiency Staged System Cased 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	OD Liq.
4PXCBD30BS3HDA	1.5 - 4.0	A	TXVNB①	15 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	17.5 x 17.5 x 21.5	47	3/4	3/8
4PXCBD36BS3HDA	1.5 - 4.0	A	TXVNB①	15 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	22.5 x 17.5 x 21.5	54	7/8	3/8
4PXCCD36BS3HDA	1.5 - 4.0	A	TXVNB①	19 <sup>1</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	22.5 x 21 x 21.5	56	7/8	3/8
4PXCBD42BS3HDA	1.5 - 4.0	A	TXVNB①	15 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	26.9 x 17.5 x 21.5	61	7/8	3/8
4PXCCD42BS3HDA	1.5 - 4.0	A	TXVNB①	19 <sup>1</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	26.9 x 21 x 21.5	64	7/8	3/8
4PXCCD60BS3HDA	3.0 - 5.0	A	TXVNB①	19 <sup>1</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	30.7 x 21 x 21.5	73	7/8	3/8
4PXCDD60BS3HDA	3.0 - 5.0	A	TXVNB①	22 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>8</sub>	30.7 x 24.5 x 21.5	77	7/8	3/8

① Start Kit may be required on outdoor unit.

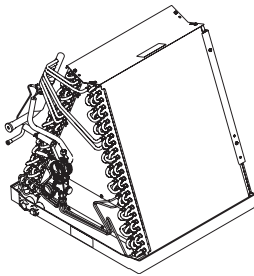
# Split System – Uncased Heat Pump and Cooling Coils



**4AXA  
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	OD Liq.
4AXAA001BS3HAA	1.5-2	A	TXVNB	13 x 13 x 19¼	11	¾	¾
4AXAB002BS3HAA	1.5-2	A	TXVNB	13 x 16 x 19¼	11	¾	¾
4AXAA003BS3HAA	1.5-2.5	A	TXVNB	15 x 13 x 19¼	18	¾	¾
4AXAB004BS3HAA	1.5-2.5	A	TXVNB	15 x 16 x 19¼	18	¾	¾
4AXAA005BS3HAA	1.5-3	A	TXVNB	17 x 13 x 19¼	22	¾	¾
4AXAB006BS3HAA	1.5-3	A	TXVNB	17 x 16 x 19¼	22	¾	¾
4AXAB007BS3HAA	2 - 3	A	TXVNB	21 x 16 x 19¼	27	¾	¾
4AXAB008BS3HAA	3 - 4	A	TXVNB	25 x 16 x 19¼	32	7/8	¾
4AXAC009BS3HAA	3 - 4	A	TXVNB	25 x 19½ x 19¼	32	7/8	¾
4AXAB010BS3HAA	3 - 5	A	TXVNB	27 x 16 x 19¼	35	7/8	¾
4AXAC011BS3HAA	3 - 5	A	TXVNB	27 x 19½ x 19¼	35	7/8	¾
4AXAD012BS3HAA	3 - 5	A	TXVNB	27 x 23 x 19¼	35	7/8	¾



**4PXA  
Comfort™ Coil**

**Table COIL-2-B – 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	OD Liq.
4PXAAU24BS3HAA	1.5 - 2.5	A	TXVNB①	14.7 x 13.3 x 21.1	24	¾	¾
4PXABU24BS3HAA	1.5 - 2.5	A	TXVNB①	14.5 x 16.3 x 21.1	24	¾	¾
4PXABU30BS3HAA	1.5 - 4.0	A	TXVNB①	15.8 x 16.3 x 21.1	32	¾	¾
4PXACU30BS3HAA	1.5 - 4.0	A	TXVNB①	15.8 x 19.8 x 21.1	32	¾	¾
4PXABU36BS3HAA	1.5 - 4.0	A	TXVNB①	21.2 x 16.3 x 21.1	33	7/8	¾
4PXACU36BS3HAA	1.5 - 4.0	A	TXVNB①	20.8 x 19.8 x 21.1	32	7/8	¾
4PXABU42BS3HAA	1.5 - 4.0	A	TXVNB①	23.8 x 16.3 x 21.1	33	7/8	¾
4PXACU42BS3HAA	1.5 - 4.0	A	TXVNB①	23.7 x 19.8 x 21.1	38	7/8	¾
4PXABU48BS3HAA	2.0 - 4.0	A	TXVNB①	25.3 x 16.3 x 21.1	36	7/8	¾
4PXACU48BS3HAA	2.0 - 5.0	A	TXVNB①	24.9 x 19.8 x 21.1	38	7/8	¾
4PXADU48BS3HAA	2.0 - 5.0	A	TXVNB①	24.5 x 23.3 x 21.1	39	7/8	¾
4PXACU60BS3HAA	3.0 - 5.0	A	TXVNB①	29.2 x 19.8 x 21.1	44	7/8	¾
4PXADU60BS3HAA	3.0 - 5.0	A	TXVNB①	28.5 x 23.3 x 21.1	45	7/8	¾

① Start Kit may be required on outdoor unit.

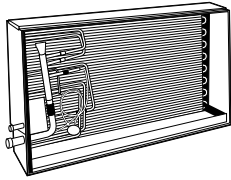
**Table COIL-2-C – 13 SEER Split System - Uncased Coil Enclosures**

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, 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



# Split System – Cased Heat Pump and Cooling Coils

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



**4PXF**

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.
4PXFH001BC3HHA	1.5 - 3.0	Flat	TXVNB①	21 X 24	23.5 x 10 x 29.5	40	3/4	3/8
4PXFH004BC3HHA	2.0 - 3.5	Flat	TXVNB①	21 X 30	23.5 x 10 x 35.5	47	3/4	3/8
4PXFH007BC3HHA	3.0 - 5.0	Flat	TXVNB①	21 X 30	23.5 x 10 x 35.5	61	7/8	3/8
Variable Speed OD compatible models								
4PXFH003BZ3HHA	1.5 - 2.0	Flat	TXVNB①	21 X 30	23.5 x 10 x 35.5	47	3/4	3/8
4PXFH005BZ3HHA	2.0 - 3.5	Flat	TXVNB①	21 X 30	23.5 x 10 x 35.5	61	7/8	3/8
4PXFH009BZ3HHA	3.0 - 5.0	Flat	TXVNB①	27 X 34	29.5 X 10 X 41.5	71	7/8	3/8

① Start Kit may be required on outdoor unit.

**Table COIL-3-D - Kits for 4PXC and 4TXC Coils**

Horizontal Conversion Kit No.	Use with Coil Model Numbers
BAYCONV18B	4PXC**24-30
BAYCONV23B	4PXC**32-36
BAYCONV27B	4PXC**42-48
BAYCONV30B	4PXC**60
Optional Downflow Gasket Kit No.	Use with Coil Model Numbers
BAYGSKT001A0	4TXC, 4PXC

**Table COIL-2-E - 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

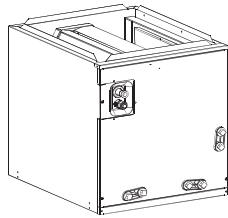
These R-410A adjustable TXV kits are intended for use with 4TXC, 4PXC, and 4PXA coil families. In addition, these adjustable TXV kits may also be used to lower the superheat on 4TXC, 4PXC, and 4PXA coils to improve the latent capacity in high humidity environments.

**Table COIL-2-F - 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

Coils



4MXC

**Table COIL-4-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	OverallDim. (in.) H x W x D	Shipping Weight (lbs.)	Line Size OD Gas	OD Liq.
4MXCA003AC6HCA	1.5 - 3.0	A	FCCV <sup>①</sup>	13 x 19	20 x 14.5 x 21	51	3/4	3/8
4MXCB004AC6HCA	1.5 - 3.0	A	FCCV <sup>①</sup>	16 x 19	20 x 17.5 x 21	55	3/4	3/8
4MXCC005AC6HCA	2.5 - 3.0	A	FCCV <sup>①</sup>	19 1/2 x 19	20 x 21 x 21	59	3/4	3/8
4MXCB006AC6HCA	3.0 - 4.0	A	FCCV <sup>①</sup>	16 x 19	26 x 17.5 x 21	66	7/8	3/8
4MXCC007AC6HCA	3.0 - 4.0	A	FCCV <sup>①</sup>	19 1/2 x 19	26 x 21 x 21	70	7/8	3/8
4MXCD008AC6HCA	3.5 - 4.0	A	FCCV <sup>①</sup>	23 x 19	26 x 24.5 x 21	74	7/8	3/8
4MXCC009AC6HCA	3.5 - 5.0	A	FCCV <sup>①</sup>	19 1/2 x 19	30 x 21 x 21	91	7/8	3/8
4MXCD010AC6HCA	3.5 - 5.0	A	FCCV <sup>①</sup>	23 x 19	30 x 24.5 x 21	95	7/8	3/8
4MXCB016AC6HCA <sup>②</sup>	3.0 - 4.0	A	FCCV <sup>①</sup>	16 x 19	30 x 17.5 x 21	82	7/8	3/8
4MXCC017AC6HCA <sup>②</sup>	3.0 - 4.0	A	FCCV <sup>①</sup>	19 1/2 x 19	30 x 21 x 21	88	7/8	3/8
4MXCD018AC6HCA <sup>②</sup>	3.5 - 4.0	A	FCCV <sup>①</sup>	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 COIL-4-B – 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	OD Liq.
4MXCA003AC6HCB	1.5 - 3.0	A	FCCV <sup>②</sup>	13 x 19	20 x 14.5 x 21	51	3/4	3/8
4MXCB004AC6HCB	1.5 - 3.0	A	FCCV <sup>②</sup>	16 x 19	20 x 17.5 x 21	55	3/4	3/8
4MXCC005AC6HCB	2.5 - 3.0	A	FCCV <sup>②</sup>	19 1/2 x 19	20 x 21 x 21	59	3/4	3/8
4MXCB006AC6HCB	3.0 - 4.0	A	FCCV <sup>②</sup>	16 x 19	26 x 17.5 x 21	66	7/8	3/8
4MXCC007AC6HCB	3.0 - 4.0	A	FCCV <sup>②</sup>	19 1/2 x 19	26 x 21 x 21	70	7/8	3/8
4MXCD008AC6HCB	3.5 - 4.0	A	FCCV <sup>②</sup>	23 x 19	26 x 24.5 x 21	74	7/8	3/8
4MXCC009AC6HCB	3.5 - 5.0	A	FCCV <sup>②</sup>	19 1/2 x 19	30 x 21 x 21	91	7/8	3/8
4MXCD010AC6HCB	3.5 - 5.0	A	FCCV <sup>②</sup>	23 x 19	30 x 24.5 x 21	95	7/8	3/8
4MXCB016AC6HCB <sup>①</sup>	3.0 - 4.0	A	FCCV <sup>②</sup>	16 x 19	30 x 17.5 x 21	82	7/8	3/8
4MXCC017AC6HCB <sup>①</sup>	3.0 - 4.0	A	FCCV <sup>②</sup>	19 1/2 x 19	30 x 21 x 21	88	7/8	3/8
4MXCD018AC6HCB <sup>①</sup>	3.5 - 4.0	A	FCCV <sup>②</sup>	23 x 19	30 x 24.5 x 21	92	7/8	3/8

① Enhanced models for use in heating.

② 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.

Unpainted cabinet model ending in "B" to launch in Q2 2022

# Split System – Cased Heat Pump and Cooling Coils

**Table COIL-5-A – Refrigerant TXV Kits**

Tons	R-410A TXV Kit (If required)	R-22 TXV Kit (If required)
1.5 - 3.0	4AYTXVH3G2436A	2AYTXVH2G2436A
3.5 - 4.0	4AYTXVH3G4248B	2AYTXVH3G4248B
5	4AYTXVH3G6000B	2AYTXVH3G6000B

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

**Table COIL-5-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-5-C – Features**

	4TXC	4PXC-U	4PXC-D	4AXA	4PXA	4PXF	4MXC
• All aluminum coil .....	✓	✓	✓	✓	✓	✓ <sup>④</sup>	✓
• 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	–
• Split inner and outer doors for easy coil inspection and cleaning .....	✓	✓	✓	–	–	–	–
• Painted galvanized steel cabinet .....	✓	✓	✓	–	–	–	A*
• Unpainted galvanized steel cabinet.....	–	–	–	–	–	✓	B*
• 10-year limited warranty on coil, & all other functional parts, with registration⑤.....	✓	✓	✓	✓	✓	✓	✓

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.

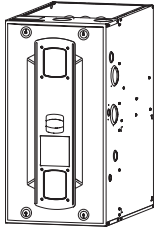
③ Reference AHRI ratings to find correct TXV kit or reference Product Data for additional information.

④ 4PXF coils with a "B" as the 9th digit will be all-aluminum design. Those with an "A" in the 9th digit still have copper tubes.

⑤ Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at americanstandardair.com or by phone at 855-260-2975, otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.

\* 4MXC coils with a "B" as the 14th digit will have an unpainted galvanized steel cabinet. Those with an "A" in the 14th digit will have a painted galvanized steel cabinet.

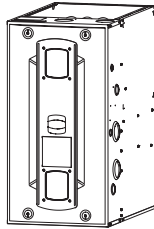
# S9V2-VS – Two Stage ECM Variable Speed



**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)		ICS① AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
		Stage 2	Stage 1							
S9V2B040U3VSAD	3	39,141	25,639	97.0②	2, 3, 4	④	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	122	15	16 x 25 x 1
S9V2B060U3VSAD	3	57,838	38,271	97.0②	2, 3, 4	④	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	127	15	16 x 25 x 1
S9V2B080U4VSAD	4	78,400	50,960	97.0②	2, 3, 4	④	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	135	15	16 x 25 x 1
S9V2C100U4VSAD	4	96,362	64,036	97.0②	2, 3, 4	④	34 x 21 x 28 <sup>3</sup> / <sub>4</sub>	154	15	20 x 25 x 1
S9V2D120U5VSAD	5	113,145	76,668	97.0②	3, 4	④	34 x 24 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	167	15	24 x 25 x 1



**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)		ICS① AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
		Stage 2	Stage 1							
S9V2B080D4VSAD	4	78,400	50,960	97.0②	2, 3, 4	④	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	135	15	(2)14 x 20 x 1
S9V2C100D4VSAD	4	95,833	63,950	97.0②	2, 3, 4	④	34 x 21 x 28 <sup>3</sup> / <sub>4</sub>	154	15	(2)16 x 20 x 1

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

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

② Energy Star®.

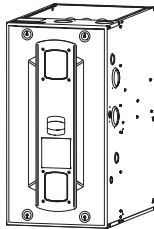
③ Direct drive variable speed motor is an ECM constant airflow blower motor.

④ Silicon Nitride Igniter.

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

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

# S9V2 – Two Stage ECM Variable Speed



**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)		ICS① AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
		Stage 2	Stage 1							
S9V2B040U3PSBD	3	38,800	25,220	96.0②	2, 3, 4	④	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	122	15	16 x 25 x 1
S9V2B060U4PSBD	4	58,200	37,830	96.0②	2, 3, 4	④	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	130	15	16 x 25 x 1
S9V2B080U4PSBD	4	77,600	50,440	96.0②	2, 3, 4	④	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	135	15	16 x 25 x 1
S9V2C080U5PSBD	5	77,600	50,440	96.0②	2, 3, 4	④	34 x 21 x 28 <sup>3</sup> / <sub>4</sub>	149	15	20 x 25 x 1
S9V2C100U5PSBD	5	97,000	63,050	96.0②	2, 3, 4	④	34 x 21 x 28 <sup>3</sup> / <sub>4</sub>	155	15	20 x 25 x 1
S9V2D120U5PSBD	5	116,400	75,660	96.0②	3, 4	④	34 x 24 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	167	15	24 x 25 x 1

**Table FUR-1-D – 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)		ICS① AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
		Stage 2	Stage 1							
S9V2B040D3PSBD	3	38,800	25,220	96.0②	2, 3, 4	④	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	122	15	(2)14 x 20 x 1
S9V2B060D3PSBD	3	58,200	37,830	96.0②	2, 3, 4	④	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	127	15	(2)14 x 20 x 1
S9V2B080D4PSBD	4	77,600	50,440	96.0②	2, 3, 4	④	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	135	15	(2)14 x 20 x 1
S9V2C100D5PSBD	5	97,000	63,050	96.0②	2, 3, 4	④	34 x 21 x 28 <sup>3</sup> / <sub>4</sub>	155	15	(2)16 x 20 x 1
S9V2D120D5PSBD	5	116,400	75,660	96.0②	3, 4	④	34 x 24 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	167	15	(2)16 x 20 x 1

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

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

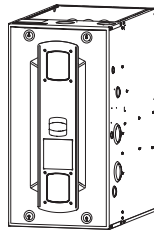
② Energy Star®.

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

④ Silicon Nitride Igniter.

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

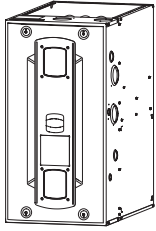
\*\* Filters are not shipped with furnace. For Upflow furnaces, the size is for a bottom return filter.



**S9V2**  
Direct Vent  
Downflow

# S9X2 – Two Stage High Efficiency ECM

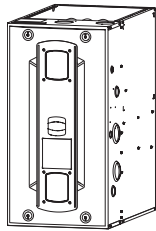
**Table FUR-2-A – S9X2 High Efficiency 9 Speed ECM Motor, 2 Stage, Direct/Non-Direct Vent, Upflow/Horizontal Left/Horizontal Right Condensing Gas Furnace (120/1/60)ⓐ**



**S9X2  
Direct Vent  
Upflow**

Unit Model Number	Airflow In Tons	Output (Btuh)		ICS <sup>ⓐ</sup> AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
		Stage 2	Stage 1							
S9X2B040U3PSBA	3	38,800	25,220	96.0 <sup>ⓐ</sup>	2, 3, 4	④	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	122	15	16 x 25 x 1
S9X2B060U4PSBA	4	58,200	37,830	96.0 <sup>ⓐ</sup>	2, 3, 4	④	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	130	15	16 x 25 x 1
S9X2B080U4PSBA	4	77,600	50,440	96.0 <sup>ⓐ</sup>	2, 3, 4	④	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	135	15	16 x 25 x 1
S9X2C080U5PSBA	5	77,600	50,440	95.0 <sup>ⓐ</sup>	2, 3, 4	④	34 x 21 x 28 <sup>3</sup> / <sub>4</sub>	149	15	20 x 25 x 1
S9X2C100U5PSBA	5	97,000	63,050	96.0 <sup>ⓐ</sup>	2, 3, 4	④	34 x 21 x 28 <sup>3</sup> / <sub>4</sub>	155	15	20 x 25 x 1
S9X2D120U5PSBA	5	116,400	75,660	96.0 <sup>ⓐ</sup>	3, 4	④	34 x 24 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	167	15	24 x 25 x 1

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



**S9X2  
Direct Vent  
Downflow**

Unit Model Number	Airflow In Tons	Output (Btuh)		ICS <sup>ⓐ</sup> AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
		Stage 2	Stage 1							
S9X2B040D3PSBA	3	38,800	25,220	96.0 <sup>ⓐ</sup>	2, 3, 4	④	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	122	15	(2)14 x 20 x 1
S9X2B060D3PSBA	3	58,200	37,830	95.0 <sup>ⓐ</sup>	2, 3, 4	④	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	127	15	(2)14 x 20 x 1
S9X2B080D4PSBA	4	77,600	50,440	96.0 <sup>ⓐ</sup>	2, 3, 4	④	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	135	15	(2)14 x 20 x 1
S9X2C100D5PSBA	5	97,000	63,050	95.0 <sup>ⓐ</sup>	2, 3, 4	④	34 x 21 x 28 <sup>3</sup> / <sub>4</sub>	155	15	(2)16 x 20 x 1
S9X2D120D5PSBA	5	116,400	75,660	96.0 <sup>ⓐ</sup>	3, 4	④	34 x 24 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	167	15	(2)16 x 20 x 1

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

ⓑ Energy Star<sup>®</sup>.

ⓒ Direct drive 9 speed motor is a high efficiency constant torque ECM blower motor.

ⓓ 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.....	✓	✓	—
• <b>Comfort-R™</b> enhanced mode (cooling) .....	✓	—	—
• Standard 34" height.....	✓	✓	✓
• 3 Way poise Upflow furnace model (Upflow, Horizontal Left, Horizontal Right).....	✓	✓	✓
• Dedicated Downflow furnace model.....	✓	✓	✓
• Front service access with easily accessible burners, sensors, orifices, switches, and other components .....	✓	✓	✓
• Cabinet has no knockouts - Rubber and plastic plugs come installed from factory .....	✓	✓	✓
• Gas can enter either side of cabinet.....	✓	✓	✓
• Condensate can exit either side of cabinet in Upflow orientation.....	✓	✓	✓
• Multiple venting options - Every model, every size will offer two venting options.....	✓	✓	✓
• 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 .....	✓	✓	✓
• Service diagnostic capabilities .....	✓	✓	✓
• <b>Vortica™ II</b> 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.....	✓	✓	✓
• <b>Limited lifetime heat exchanger warranty &amp; 10-year on all other functional parts with registration (Residential Use)</b> .....	✓	✓	✓
• <b>Optional extended warranties available</b> .....	✓	✓	✓

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

\* Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at americanstandardair.com or by phone at 855-260-2975, otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.

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

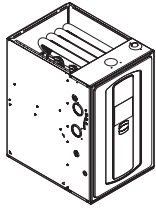
Model Number	Description	Shipping Weight	S9V2-VS Variable Speed	S9V2 Variable Speed	S9X2 Multi-Speed
AYLPSS400C .....	LP Kit with Stainless Steel Burners.....	3.....	✓	✓	✓
BAYHANG .....	Horizontal hanging kit.....	2.....	✓	✓	✓
BAYVENT200B .....	Sidewall vent Termination Kit fo Direct vent furnaces .....	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.

## S9X1 – Single Stage High Efficiency ECM

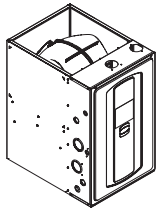
**Table FUR-4-A – S9X1 High Efficiency 9 Speed ECM Motor, 1 Stage, Direct/Non-Direct Vent, Upflow/Horizontal Left/Horizontal Right Condensing Gas Furnace (120/1/60)ⓐ**



**S9X1  
Direct Vent  
Upflow**

Unit Model Number	Airflow In Tons	Nominal Output (Btuh)	ICS <sup>ⓐ</sup> AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
S9X1B040U3PSBA	3	39,000	96.0 <sup>ⓐ</sup>	2, 3, 4	ⓐ	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	122	15	16 x 25 x 1
S9X1B060U4PSBA	4	58,300	96.0 <sup>ⓐ</sup>	2, 3, 4	ⓐ	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	130	15	16 x 25 x 1
S9X1B080U4PSBA	4	77,200	96.0 <sup>ⓐ</sup>	2, 3, 4	ⓐ	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	135	15	16 x 25 x 1
S9X1C080U5PSBA	5	77,800	96.0 <sup>ⓐ</sup>	2, 3, 4	ⓐ	34 x 21 x 28 <sup>3</sup> / <sub>4</sub>	149	15	20 x 25 x 1
S9X1C100U5PSBA	5	97,400	95.0 <sup>ⓐ</sup>	2, 3, 4	ⓐ	34 x 21 x 28 <sup>3</sup> / <sub>4</sub>	155	15	20 x 25 x 1
S9X1D120U5PSBA	5	113,400	95.0 <sup>ⓐ</sup>	3, 4	ⓐ	34 x 24 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	167	15	24 x 25 x 1

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



**S9X1  
Direct Vent  
Downflow**

S9X1B040D3PSBA	3	38,900	96.0 <sup>ⓐ</sup>	2, 3, 4	ⓐ	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	122	15	(2)14 x 20 x 1
S9X1B060D3PSBA	3	57,600	96.0 <sup>ⓐ</sup>	2, 3, 4	ⓐ	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	127	15	(2)14 x 20 x 1
S9X1B080D4PSBA	4	76,900	95.0 <sup>ⓐ</sup>	2, 3, 4	ⓐ	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	135	15	(2)14 x 20 x 1
S9X1C100D5PSBA	5	96,800	96.0 <sup>ⓐ</sup>	2, 3, 4	ⓐ	34 x 21 x 28 <sup>3</sup> / <sub>4</sub>	155	15	(2)16 x 20 x 1
S9X1D120D5PSBA	5	115,500	95.0 <sup>ⓐ</sup>	3, 4	ⓐ	34 x 24 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	167	15	(2)16 x 20 x 1

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

ⓑ Energy Star<sup>®</sup>.

ⓒ Direct drive 9 speed motor is a high efficiency constant torque ECM blower motor.

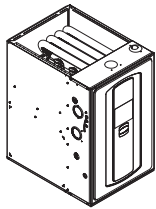
ⓓ Silicon Nitride Igniter.

\* 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

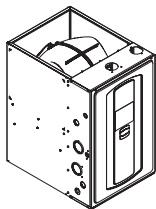
**Table FUR-4-C – S9B1 High Efficiency 9 Speed ECM Motor, 1 Stage, Direct/Non-Direct Vent, Upflow/Horizontal Left/Horizontal Right Condensing Gas Furnace (120/1/60)ⓐ**



**S9B1  
Direct Vent  
Upflow**

Unit Model Number	Airflow In Tons	Nominal Output (Btuh)	ICS <sup>ⓐ</sup> AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
S9B1B040U3PSAA	3	39,000	92.1 <sup>ⓐ</sup>	2, 3, 4	ⓐ	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	122	15	16 x 25 x 1
S9B1B060U4PSAA	4	58,300	92.1 <sup>ⓐ</sup>	2, 3, 4	ⓐ	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	130	15	16 x 25 x 1
S9B1B080U4PSAA	4	77,200	92.1 <sup>ⓐ</sup>	2, 3, 4	ⓐ	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	135	15	16 x 25 x 1
S9B1C080U5PSAA	5	77,800	92.1 <sup>ⓐ</sup>	2, 3, 4	ⓐ	34 x 21 x 28 <sup>3</sup> / <sub>4</sub>	149	15	20 x 25 x 1
S9B1C100U5PSAA	5	97,400	92.1 <sup>ⓐ</sup>	2, 3, 4	ⓐ	34 x 21 x 28 <sup>3</sup> / <sub>4</sub>	155	15	20 x 25 x 1
S9B1D120U5PSAA	5	113,400	92.1 <sup>ⓐ</sup>	3, 4	ⓐ	34 x 24 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	167	15	24 x 25 x 1

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



**S9B1  
Direct Vent  
Downflow**

S9B1B040D3PSAA	3	38,900	92.1 <sup>ⓐ</sup>	2, 3, 4	ⓐ	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	122	15	(2)14 x 20 x 1
S9B1B060D3PSAA	3	57,600	92.1 <sup>ⓐ</sup>	2, 3, 4	ⓐ	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	127	15	(2)14 x 20 x 1
S9B1B080D4PSAA	4	76,900	92.1 <sup>ⓐ</sup>	2, 3, 4	ⓐ	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	135	15	(2)14 x 20 x 1
S9B1C100D5PSAA	5	96,800	92.1 <sup>ⓐ</sup>	2, 3, 4	ⓐ	34 x 21 x 28 <sup>3</sup> / <sub>4</sub>	155	15	(2)16 x 20 x 1
S9B1D120D5PSAA	5	115,500	92.1 <sup>ⓐ</sup>	3, 4	ⓐ	34 x 24 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	167	15	(2)16 x 20 x 1

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

ⓑ Energy Star<sup>®</sup> - U.S. South.

ⓒ Direct drive 9 speed motor is a high efficiency constant torque ECM blower motor.

ⓓ Silicon Nitride Igniter.

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

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

# Convertible Gas Furnaces

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, Horizontal Left, Horizontal Right).....	✓	✓
• Dedicated Downflow furnace model.....	✓	✓
• Front service access with easily accessible burners, sensors, orifices, switches, and other components.....	✓	✓
• Cabinet has no knockouts - Rubber and plastic plugs come installed from factory.....	✓	✓
• Gas can enter either side of cabinet.....	✓	✓
• Condensate can exit either side of cabinet in Upflow orientation.....	✓	✓
• Multiple venting options - Every model, every size will offer two venting options.....	✓	✓
• 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.....	✓	✓
• <b>Vortica™ II</b> 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.....	✓	✓
• <b>Limited lifetime heat exchanger warranty &amp; 10-year on all other functional parts with registration (Residential Use).....</b>	✓	✓
• <b>Optional extended warranties available.....</b>	✓	✓

① 1.4% on S9B1 models.

\* Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at [americanstandardair.com](http://americanstandardair.com) or by phone at 855-260-2975, otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.

**Table FUR-5-B – Optional Accessories**

Model Number	Description	Shipping Weight	S9X1 - 1 Stage 1 or 2 Pipe	S9B1 - 1 Stage 1 or 2 Pipe
BAYLPSS400C.....	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.

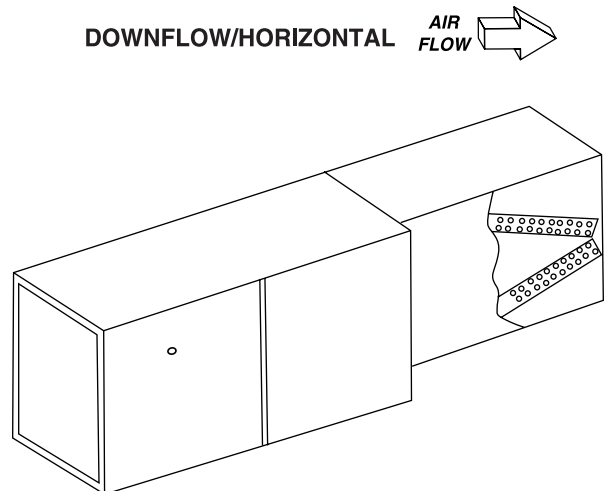
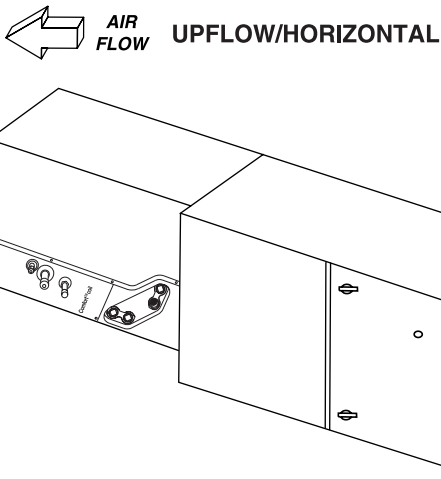
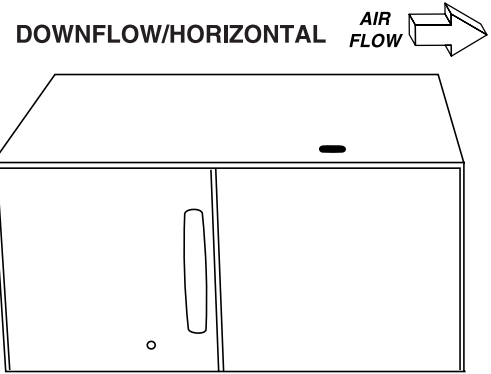
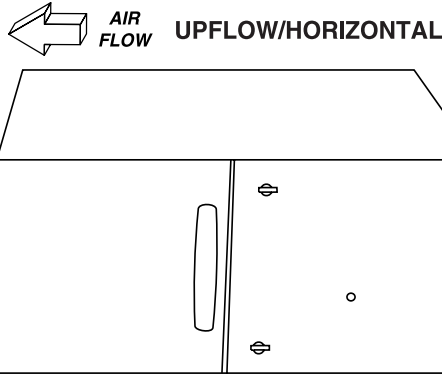
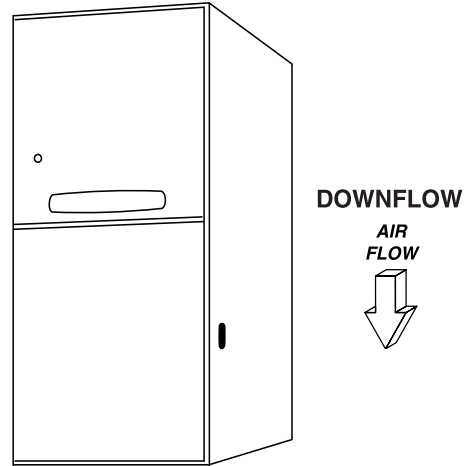
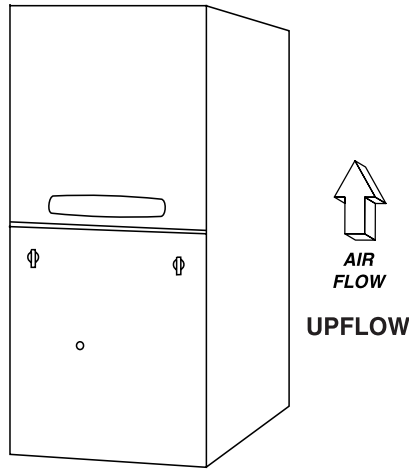


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HEATING & AIR CONDITIONING

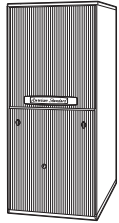
# Platinum 95 Convertible Gas Furnace Airflow Directions

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.

# Platinum 95 – Modulating, Communicating ECM Variable Speed



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



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

**Table FUR-7-A – Platinum 95 Variable Speed, Communicating, Modulating Direct/Non-Direct Vent, Upflow/Horizontal Left Condensing Gas Furnace (115/1/60)ⓐⓑⒸ**

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

**Table FUR-7-B – Platinum 95 Variable Speed, Communicating Modulating Direct/Non-Direct Vent, Downflow/Horizontal Right Condensing Gas Furnace (115/1/60)ⓐⓑⒸ**

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

- ⓐ Isolated Combustion System. AFUE may vary based on poise.
- ⓑ Energy Star®.
- Ⓒ Low stage is equal to 45% for AUHMD120 model.
- ⓐ Furnace use in 24, non-communicating mode.
- ⓑ Direct drive variable speed motor is an ECM constant airflow blower motor.
- Ⓒ Silicon Nitride
- ⓐ 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

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**

	Platinum 95 AUHM/ADHM Modulating 1 or 2 Pipe Variable Speed
• <b>Comfort-R™</b> enhanced mode (cooling) .....	✓
• <b>AccuLink™ II</b> 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 .....	✓
• <b>Lite Port™/Stored</b> diagnostics .....	✓
• Manual reset flame roll out switches.....	✓
• Multi-port in shot burners.....	✓
• 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.....	✓
• <b>Limited lifetime heat exchanger warranty &amp; 10-year on all other functional parts with registration (Residential Use)②</b> .....	✓
• <b>Optional extended warranties available</b> .....	✓

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

① Field configurable to 24V non-communicating mode.

② Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at [americanstandardair.com](http://americanstandardair.com) or by phone at 855-260-2975, otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on [ASDealerNet.com](http://ASDealerNet.com).

\*Constant torque ECM (electronically commutated motor).

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

# 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.....	✓
BAYRACK960A②.....	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.

Furnaces

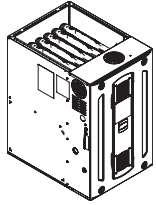
## Special Use Furnace Accessories

**Table FUR-9-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

# S8V2-C – Two Stage Communicating ECM Variable Speed

**Table FUR-10L-A – S8V2-PC 2 Stage, Upflow/Downflow/Horizontal Left/Horizontal Right, Non-Condensing, Induced Draft Gas Furnace (120/1/60)<sup>②</sup>**



**S8V2-C  
2-Stage**

Unit Model Number	Airflow In Tons	Output (Btuh)		ICS <sup>①</sup> AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
		Stage 2	Stage 1							
S8V2A040M3PCAA	2-3	32,200	21,000	80	4	③	34 x 14.5 x 28.75	102	15	14 x 25 x 1
S8V2B060M4PCAA	3-4	49,100	31,300	80	4	③	34 x 17.5 x 28.75	132	15	16 x 25 x 1
S8V2B080M4PCAA	3-4	65,800	41,200	80	4	③	34 x 17.5 x 28.75	137	15	16 x 25 x 1
S8V2C080M5PCAA	4-5	64,800	41,800	80	4	③	34 x 21 x 28.75	142	15	20 x 25 x 1
S8V2C100M5PCAA	4-5	81,200	52,300	80	4	③	34 x 21 x 28.75	144	15	20 x 25 x 1
S8V2D120M5PCAA	4-5	98,000	67,900	80	4	③	34 x 24.5 x 28.75	160	15	24 x 25 x 1
Low NOx Models ④										
S8V2A040M3PDAA	2-3	32,200	21,000	80	4	③	34 x 14.5 x 28.75	102	15	14 x 25 x 1
S8V2B060M4PDAA	3-4	49,100	31,300	80	4	③	34 x 17.5 x 28.75	132	15	16 x 25 x 1
S8V2B080M4PDAA	3-4	65,800	41,200	80	4	③	34 x 17.5 x 28.75	137	15	16 x 25 x 1
S8V2C080M5PDAA	4-5	64,800	41,800	80	4	③	34 x 21 x 28.75	142	15	20 x 25 x 1
S8V2C100M5PDAA	4-5	81,200	52,300	80	4	③	34 x 21 x 28.75	144	15	20 x 25 x 1
S8V2D120M5PDAA	4-5	98,000	67,900	80	4	③	34 x 24. x 28.75	160	15	24 x 25 x 1

① IICS - Isolated Combustion System

② Direct drive variable speed blower motor is an ECM constant airflow blower motor.

③ Silicon Nitride Igniter

④ These models comply with 40ng/J Low NOx regulations.

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

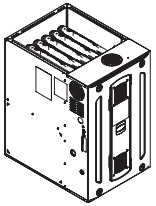
\*\* Filters are not shipped with furnace

HUB & Sensor and UI (ALINK360A2VBUA) must be ordered to operate in Link communicating mode.

Furnaces

# S8X2 – Two Stage ECM

**Table FUR-10-A – S8X2 2 Stage, Upflow/Downflow/Horizontal Left/Horizontal Right, Non-Condensing, Induced Draft Gas Furnace (120/1/60)<sup>②</sup>**



**S8X2  
4-Way  
Multi-Poise**

Unit Model Number	Airflow In Tons	Output (Btuh)		ICS <sup>①</sup> AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
		Stage 2	Stage 1							
S8X2A040M3PSCA	2-3	32,200	20,900	80.0	4	③	34 x 14 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	102	15	14 x 25 x 1
S8X2B060M4PSCA	4	48,700	31,500	80.0	4	③	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	132	15	16 x 25 x 1
S8X2B080M4PSCA	3-4	65,000	42,500	80.0	4	③	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	137	15	16 x 25 x 1
S8X2C080M5PSCA	4-5	64,900	41,800	80.0	4	③	34 x 21 x 28 <sup>3</sup> / <sub>4</sub>	142	15	20 x 25 x 1
S8X2C100M5PSCB	4-5	80,600	52,300	80.0	4	③	34 x 21 x 28 <sup>3</sup> / <sub>4</sub>	144	15	20 x 25 x 1
S8X2D120M5PSCA	5	98,000	67,800	80.0	4	③	34 x 24 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	160	15	24 x 25 x 1
Low NOx Models ④										
S8X2A040M3PTCA	2-3	32,200	20,900	80.0	4	③	34 x 14 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	102	15	14 x 25 x 1
S8X2B060M4PTCA	4	48,700	31,500	80.0	4	③	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	132	15	16 x 25 x 1
S8X2B080M4PTCA	3-4	65,000	42,500	80.0	4	③	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	137	15	16 x 25 x 1
S8X2C080M5PTCA	4-5	64,900	41,800	80.0	4	③	34 x 21 x 28 <sup>3</sup> / <sub>4</sub>	142	15	20 x 25 x 1
S8X2C100M5PTCB	4-5	80,600	52,300	80.0	4	③	34 x 21 x 28 <sup>3</sup> / <sub>4</sub>	144	15	20 x 25 x 1
S8X2D120M5PTCA	5	98,000	67,800	80.0	4	③	34 x 24 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	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.

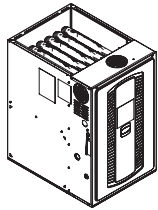
④ These models comply with California 40ng/J Low NOx regulations.

\* 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

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



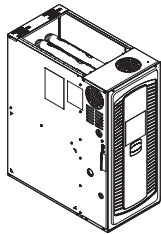
**S8X1  
4-Way  
Multi-Poise**

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**
S8X1A026M2PSCA	2	21,000	80.0	4	③	34 x 14 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	102	15	14 x 25 x 1
S8X1A040M3PSCA	2-3	32,300	80.0	4	③	34 x 14 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	102	15	14 x 25 x 1
S8X1B040M2PSCA	2	32,500	80.0	4	③	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	128	15	16 x 25 x 1
S8X1B060M4PSCA	4	48,700	80.0	4	③	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	132	15	16 x 25 x 1
S8X1B080M4PSCA	3-4	65,100	80.0	4	③	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	137	15	16 x 25 x 1
S8X1C080M5PSCA	4-5	64,700	80.0	4	③	34 x 21 x 28 <sup>3</sup> / <sub>4</sub>	142	15	20 x 25 x 1
S8X1C100M5PSCB	4-5	80,700	80.0	4	③	34 x 21 x 28 <sup>3</sup> / <sub>4</sub>	144	15	20 x 25 x 1
S8X1D120M5PSCA	5	98,000	80.0	4	③	34 x 24 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	160	15	24 x 25 x 1
Low NOx Models ④									
S8X1A026M2PTCA	2	21,000	80.0	4	③	34 x 14 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	102	15	14 x 25 x 1
S8X1A040M3PTCA	2-3	32,300	80.0	4	③	34 x 14 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	102	15	14 x 25 x 1
S8X1B040M2PTCA	2	32,500	80.0	4	③	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	128	15	16 x 25 x 1
S8X1B060M4PTCA	4	48,700	80.0	4	③	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	132	15	16 x 25 x 1
S8X1B080M4PTCA	3-4	65,100	80.0	4	③	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	137	15	16 x 25 x 1
S8X1C080M5PTCA	4-5	64,700	80.0	4	③	34 x 21 x 28 <sup>3</sup> / <sub>4</sub>	142	15	20 x 25 x 1
S8X1C100M5PTCB	4-5	80,700	80.0	4	③	34 x 21 x 28 <sup>3</sup> / <sub>4</sub>	144	15	20 x 25 x 1
S8X1D120M5PTCA	5	98,000	80.0	4	③	34 x 24 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	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

**Table FUR-11-A – S8B1 1 Stage, Upflow/Downflow/Horizontal Left/Horizontal Right, Non-Condensing, Induced Draft Gas Furnace (120/1/60)②**



**S8B1  
4-Way  
Multi-Poise**

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**
S8B1A026M2PSCA	2	21,000	80.0	4	③	34 x 14 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	102	15	14 x 25 x 1
S8B1A040M3PSCA	2-3	32,300	80.0	4	③	34 x 14 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	102	15	14 x 25 x 1
S8B1B040M2PSCA	2	32,500	80.0	4	③	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	128	15	16 x 25 x 1
S8B1B060M4PSCA	4	48,700	80.0	4	③	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	132	15	16 x 25 x 1
S8B1B080M4PSCA	3-4	65,100	80.0	4	③	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	137	15	16 x 25 x 1
S8B1C080M5PSCA	4-5	64,700	80.0	4	③	34 x 21 x 28 <sup>3</sup> / <sub>4</sub>	142	15	20 x 25 x 1
S8B1C100M5PSCB	4-5	80,700	80.0	4	③	34 x 21 x 28 <sup>3</sup> / <sub>4</sub>	144	15	20 x 25 x 1
S8B1D120M5PSCA	5	98,000	80.0	4	③	34 x 24 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	160	15	24 x 25 x 1
Low NOx Models ④									
S8B1A026M2PTCA	2	21,000	80.0	4	③	34 x 14 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	102	15	14 x 25 x 1
S8B1A040M3PTCA	2-3	32,300	80.0	4	③	34 x 14 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	102	15	14 x 25 x 1
S8B1B040M2PTCA	2	32,500	80.0	4	③	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	128	15	16 x 25 x 1
S8B1B060M4PTCA	4	48,700	80.0	4	③	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	132	15	16 x 25 x 1
S8B1B080M4PTCA	3-4	65,100	80.0	4	③	34 x 17 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	137	15	16 x 25 x 1
S8B1C080M5PTCA	4-5	64,700	80.0	4	③	34 x 21 x 28 <sup>3</sup> / <sub>4</sub>	142	15	20 x 25 x 1
S8B1C100M5PTCB	4-5	80,700	80.0	4	③	34 x 21 x 28 <sup>3</sup> / <sub>4</sub>	144	15	20 x 25 x 1
S8B1D120M5PTCA	5	98,000	80.0	4	③	34 x 24 <sup>1</sup> / <sub>2</sub> x 28 <sup>3</sup> / <sub>4</sub>	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

Furnaces

**Table FUR-12-A – Features**

	S8V2-C 2 Stage	S8X2 2 Stage	S8X1 1 Stage	S8B1 1 Stage
• American Standard <sup>®</sup> Link™ Communicating Capability .....	✓	—	—	—
• Can be connected in communicating or 24V non-communicating modes .....	✓	—	—	—
• High Efficiency, Variable Speed Constant Airflow blower motor .....	✓	—	—	—
• 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 .....	✓	✓	✓	—
• Direct drive, 9 speed Constant Torque ECM blower motor .....	—	✓	✓	✓
• 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 .....	✓	✓	✓	✓
• 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 .....	✓	✓	✓	✓
• Limited Lifetime warranty on the heat exchanger & 10-year on all other functional parts with registration (Residential Use) .....	✓	—	—	—
• 20-year limited warranty on the heat exchanger & 10-year on all other functional parts with registration (Residential Use)* .....	—	✓	✓	✓
• Optional extended warranties available .....	✓	✓	✓	✓

① 14.5" cabinets do not have blower compartment insulation

\* Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at americanstandardair.com or by phone at 855-260-2975, otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.

**Table FUR-12-B – Optional Accessories**

Model Number	Description	Shipping Weight	S8V2-C 2 Stage	S8X2 2 Stage	S8X1 1 Stage	S8B1 1 Stage
BAYLPSS400C.....	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.....	✓	✓	✓	✓	✓
BAYFURNPTKT.....	Optional return static sensor .....	✓	—	—	—	—
BAYSENSC360.....	Supply Air Temperature Sensor* .....	✓	—	—	—	—

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

\*Optional in 24v mode

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

## Convertible Gas Furnaces

**Table FUR-13-A — High Altitude Pressure Switch S8 Furnaces**

Model Number	Description	Used With	Shipping Weight
BAYSWT14AHALTB	1 Switch	S8X1C080M5PSAB <sup>①</sup> , S8X1C100M5PSAB <sup>①</sup> , S8B1C080M5PSAB <sup>①</sup> , S8B1C100M5PSAB <sup>①</sup>	2
BAYSWT15AHALTA	1 Switch	S8X1B060M3PSAB <sup>①</sup> , S8X1B060M4PSAB <sup>①</sup> , S8X1B080M4PSBA <sup>①</sup> , S8B1B060M3PSAB <sup>①</sup> , S8B1B060M4PSAB <sup>①</sup> , S8B1B080M4PSBA <sup>①</sup>	2
BAYSWT16AHALTA	2 Switches	S8X2C080M5PSAB <sup>①</sup> , S8V2C080M5P*	2
BAYSWT17AHALTA	2 Switches	S8X2B060M3PSAB, S8X2B060M4PSAB	2
BAYSWT18AHALTA	2 Switches	S8X2B080M4PSBA <sup>①</sup> , S8V2B080M4P*	2
BAYSWT19AHALTA	2 Switches	S8X2C100M5PSAB <sup>①</sup> , S8V2C100M5P*	2
BAYSWT20AHALTA	1 Switch	S8X1A026M2PSAB <sup>①</sup> , S8B1A026M2PSAB <sup>①</sup>	2
BAYSWT21AHALTA	1 Switch	S8X1A040M3PSAB <sup>①</sup> , S8X1A040M3PSAB <sup>①</sup> , S8X1B040M2PSAB <sup>①</sup> , S8B1B040M2PSAB <sup>①</sup>	2
BAYSWT22AHALTA	2 Switches	S8X2A040M3PSAB <sup>①</sup> , S8V2A040M3P*	2
BAYSWT23AHALTA	2 Switches	S8X2B060M3PSAB <sup>②</sup> , S8X2B060M4PSA <sup>②</sup> , S8V2B060M4P*	2
BAYSWT24AHALTA	2 Switches	S8V2D120M5P*	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

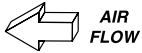
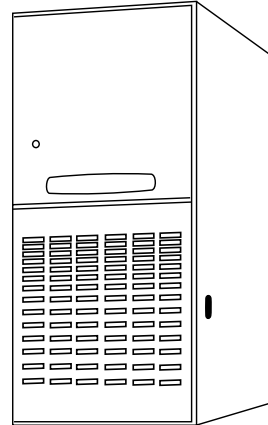
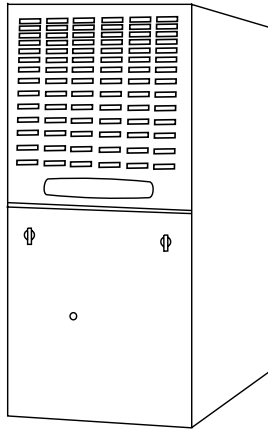


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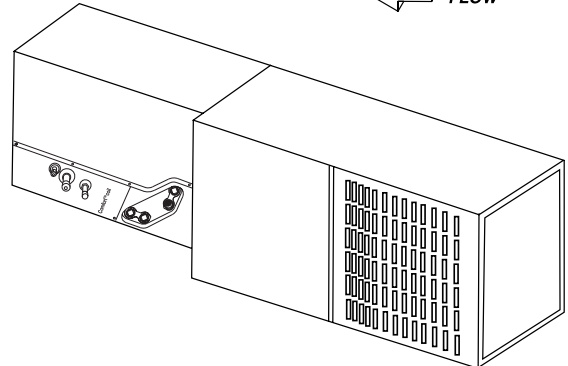
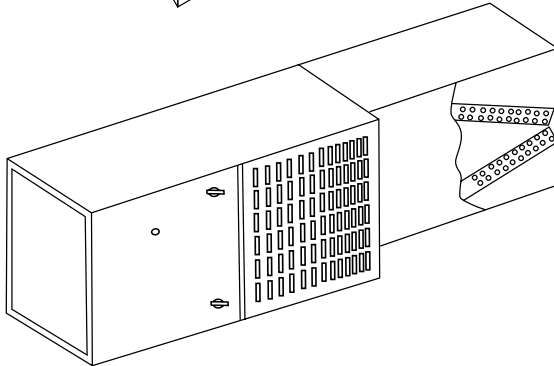
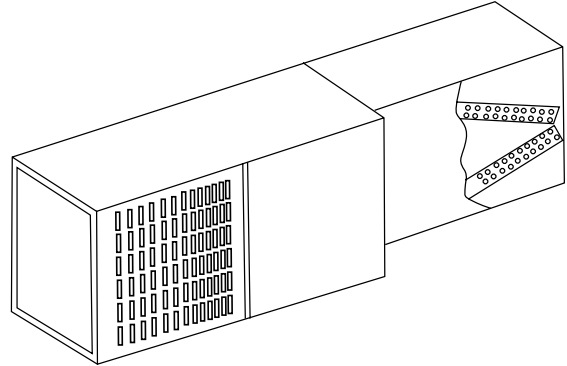
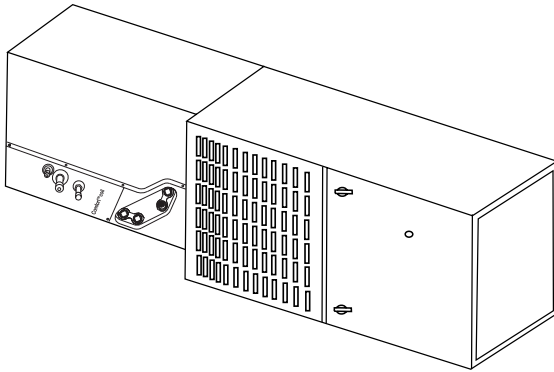
**American Standard**<sup>®</sup>  
HEATING & AIR CONDITIONING

# Platinum 80, Gold 80v Airflow Directions

Furnaces

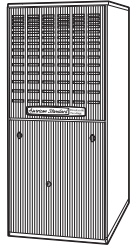


UPFLOW, DOWNFLOW, HORIZONTAL LEFT OR RIGHT



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

# Platinum 80 – Communicating Two Stage ECM Variable Speed



**Platinum 80  
Upflow**

**Table FUR-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)		ICS① AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
		Stage 2	Stage 1							
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

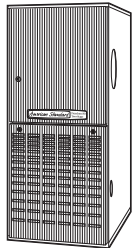
**Table FUR-15-B – Platinum 80 Downflow/Horizontal Left or Right Induced Draft Gas Furnace (115/1/60)①②④**

Unit Model Number	Airflow In Tons	Output (Btuh)		ICS① AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
		Stage 2	Stage 1							
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.

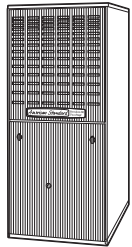
- ① Silicon Nitride Igniter.
- ② Must use communicating thermostat with ComfortLink™ II control.
- ③ Field convertible to 24V non-communicating.
- ④ Direct drive variable speed motor is an ECM constant airflow blower motor.
- ⑤ Isolated Combustion System.

\* 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.



**Platinum 80  
Downflow**

# 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)		ICS③ AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
		Stage 2	Stage 1							
AUD2B060A9V3VB	3	48,000	31,200	80.0	4	Silicon Nitride	40 x 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

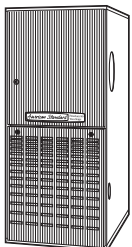
**Table FUR-15-D – Gold 80v Downflow/Horizontal Left or Right Induced Draft Gas Furnace (115/1/60) ②**

Unit Model Number	Airflow In Tons	Output (Btuh)		ICS③ AFUE	Flue Size (in)	Ignition Device	Uncrated Dimensions (in.) H x W x D	Shipping Weight (lbs.)	Max Fuse*	Filter Sizes**
		Stage 2	Stage 1							
ADD2B060A9V3VA	3	48,000	31,200	80.0	4	Silicon Nitride	40 x 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.



**Gold 80v  
Downflow**

# Platinum 80, Gold 80v, Convertible Gas Furnaces

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*.....	✓	✓
• <b>Comfort-R™</b> 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-stage gas valve.....	✓	✓
• <b>Limited lifetime heat exchanger warranty &amp; 10-year on all other functional parts with registration (Residential Use)③.....</b>	✓	✓
• <b>Optional extended warranties available.....</b>	✓	✓

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

① Variable Speed

② Selectable through thermostat

③ Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at americanstandardair.com or by phone at 855-260-2975, otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.

\*Constant airflow ECM (electronically commutated motor).

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

# Platinum 80, Gold 80v, Convertible Gas Furnaces

Table FUR-17-A — Optional Accessories			AUD2-ACV/ADD2-ACV 2 Stage Variable Speed	AUD2-9V/ ADD2-9V 2-Stg. Variable Speed
Model Number	Description	Shipping Weight		
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.

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HEATING & AIR CONDITIONING

## High Efficiency Oil Furnaces

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# Ordering Information

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

American Standard Oil Furnaces are available from your local distributor.

For availability and support, contact your local distributor.

Furnaces



Intertek

# L8V1 - Single Stage, Variable Speed, Ultra-Low NOx Gas Furnace



L8V1

**Table FUR-19-A – L8V1 - Single Stage, Variable Speed, Ultra-Low NOx Furnace**

Model Number	Airflow in Tons	Output (BTUH)	ICS AFUE	Flue Size (in.)	Ignition Device	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Max. Fuse	Filter Sizes
						H	W	D			
L8V1A040U3VSAA	3	31,700	80	4	Silicon Nitride	34	14 <sup>1</sup> / <sub>2</sub>	28 <sup>3</sup> / <sub>4</sub>	100	15	14 x 25 x 1
L8V1A060U3VSAA	3	48,100	80	4	Silicon Nitride	34	14 <sup>1</sup> / <sub>2</sub>	28 <sup>3</sup> / <sub>4</sub>	110	15	14 x 25 x 1
L8V1B080U4VSAA	4	63,000	80	4	Silicon Nitride	34	17 <sup>1</sup> / <sub>2</sub>	28 <sup>3</sup> / <sub>4</sub>	123	15	16 x 25 x 1
L8V1C100U5VSAA	5	80,200	80	4	Silicon Nitride	34	21	28 <sup>3</sup> / <sub>4</sub>	146	15	20 x 25 x 1

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



L8X1A055  
L8X1B070

**Table FUR-19-B – 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.)			Shipping Weight (lbs.)	Max. Fuse	Filter Sizes
						H	W	D			
L8X1A055U3XSAC	3 <sup>①</sup>	44,000	80.0	4	Silicon Nitride	34 <sup>1</sup> / <sub>2</sub>	14 <sup>1</sup> / <sub>5</sub>	28	107	15	14 x 25 x 1
L8X1B070U4XSAC	4	56,000	80.0	4	Silicon Nitride	34 <sup>1</sup> / <sub>2</sub>	17 <sup>1</sup> / <sub>2</sub>	28	135	15	16 x 25 x 1

**Table FUR-19-C – 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.)			Shipping Weight (lbs.)	Max. Fuse	Filter Sizes
						H	W	D			
L8X1B060U3XSAA	3	48,000	80.0	4	Silicon Nitride	34	17 <sup>1</sup> / <sub>2</sub>	28 <sup>3</sup> / <sub>4</sub>	118	15	16 x 25 x 1
L8X1B080U4XSAA	4	64,000	80.0	4	Silicon Nitride	34	17 <sup>1</sup> / <sub>2</sub>	28 <sup>3</sup> / <sub>4</sub>	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.



L8X1B060  
L8X1B080

**Table FUR-19-D – Features**

	L8X1A055 L8X1B070	L8X1B060 L8X1B080	L8V1
• Cabinet height (in.).....	34.5	34.0	34.0
• 3-Way poise (Upflow, Horizontal Left, Horizontal Right) .....	✓	✓	✓
• Cabinet has no knockouts .....	—	✓	✓
• Single stage .....	✓	✓	✓
• 5 speed, Constant Torque ECM blower motor .....	✓	✓	—
• High Efficiency, Variable Speed blower motor.....	—	—	✓
• Stainless Steel, Tubular heat exchanger .....	—	✓	✓
• Aluminized Steel, Tubular heat exchanger .....	✓	—	—
• Insulated blower compartment.....	✓	✓	✓
• Vortica™ II Blower Housing .....	—	✓	✓
• Meets requirements for 1% or less cabinet air leakage <sup>②</sup> .....	—	✓	✓
• Silicon Nitride hot surface igniter .....	✓	✓	✓
• 20-year limited warranty on the heat exchanger and 10-year on all other functional parts with registration* .....	✓	✓	—
• Limited lifetime warranty on the heat exchanger & 10-year on all other functional parts with registration* .....	—	—	✓

② L8X1A055, L8X1B070, L8X1C100 models certified to 2% cabinet air leakage

\* Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at americanstandardair.com or by phone at 855-260-2975, otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.

**Table FUR-19-E – Optional Accessories**

Model Number	Description	L8X1A055 L8X1B070	L8X1B060 L8X1B080	L8V1
BAYSPACER.....	6 inch vertical coil spacer .....	✓	—	—

**Table FUR-19-F – 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
BAYHALTMOD0004	High altitude kit for units installed between 4001 - 7800 ft.	L8V1C100U5
BAYHALTMOD0005	High altitude kit for units installed between 4001 - 7800 ft.	L8V1A040U3
BAYHALTMOD0006	High altitude kit for units installed between 4001 - 7800 ft.	L8V1A060U3
BAYHALTMOD0007	High altitude kit for units installed between 4001 - 7800 ft.	L8V1B080U4

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



L9X1

**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.)			Shipping Weight (lbs.)	Max. Fuse	Filter Sizes
						H	W	D			
L9X1A050U3VSAB	3	48,000	95	2, 3, 4	Silicon Nitride	34 <sup>1</sup> / <sub>2</sub>	14 <sup>1</sup> / <sub>4</sub>	28	115	15	14 x 25 x 1
L9X1B070U4VSAB	4	67,000	95	2, 3, 4	Silicon Nitride	34 <sup>1</sup> / <sub>2</sub>	17 <sup>1</sup> / <sub>2</sub>	28	133	15	16 x 25 x 1
L9X1C100U5VSAB	5	95,000	95	2, 3, 4	Silicon Nitride	34 <sup>1</sup> / <sub>2</sub>	21	28	150	20	20 x 25 x 1

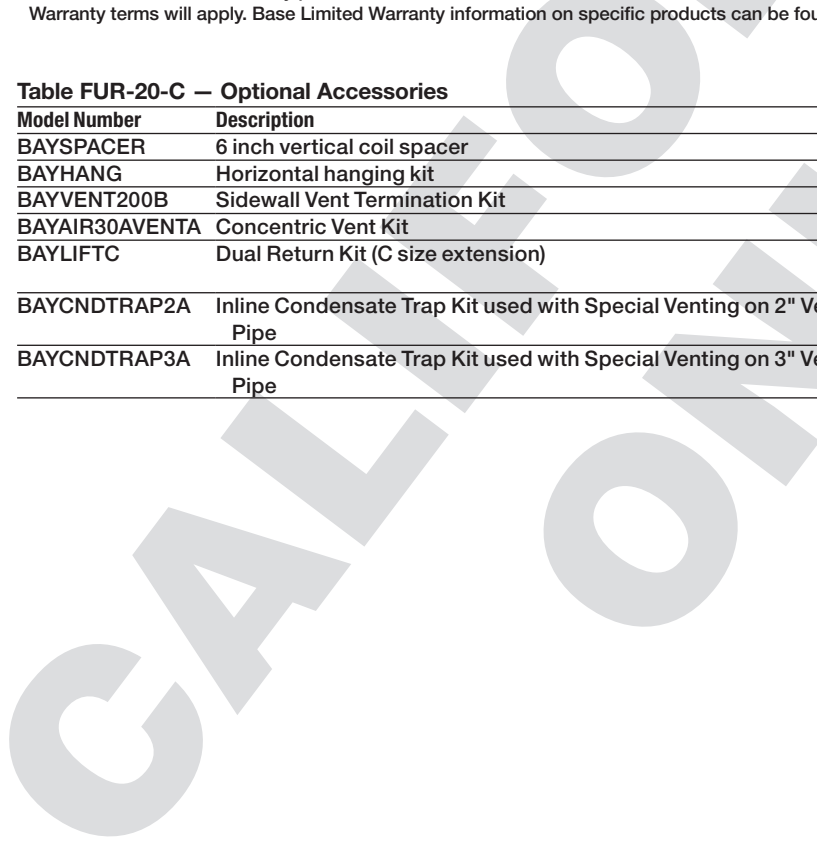
**Table FUR-20-B — Features**

	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 with registration (Residential Use)* .....	✓

\* Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at [americanstandardair.com](http://americanstandardair.com) or by phone at 855-260-2975, otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on [ASDealerNet.com](http://ASDealerNet.com).

**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



Furnaces

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# 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
- AccuClean™ Whole Home Air Cleaner removes more than 99% of the surrogate for the virus that causes COVID-19 within 30 minutes.
- 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 with registration\*
- AccuClean™ is certified as **asthma & allergy friendly™** by AAFA (Asthma and Allergy Foundation of America)
- Zero ozone byproducts. Cleaner air without the worry of harmful ozone byproducts so you can breath easier

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
EFD175DLAH000B	300-1200	17½ inch	7½ x 17½ x 21	37
EFD215DLAH000B	300-1200	21½ inch	7½ x 21½ x 21	42
EFD235DLAH000B	350-1600	23½ inch	7½ x 23½ x 21	44

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
EFD145DLFR000B	300-1200	14½ inch <sup>①</sup>	7½ x 14½ x 27	39
EFD175DLFR000B	300-1600	17½ inch <sup>①</sup>	7½ x 17½ x 27	43
EFD210DLFR000B	300-2000	21 inch <sup>②</sup>	7½ x 21 x 27	47
EFD245DLFR000B	400-2000	24½ inch <sup>②</sup>	7½ x 24½ 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
EFD17DDLFR000B	300-1600	17½ inch	7½ x 17½ x 21	37
EFD21DDLFR000B	300-2000	21 inch	7½ x 21 x 21	41

Table IAQ-1-D – Accessories – American Standard AccuClean™ Whole House

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

① Side return no transition required.

② Side return transition required.

Table IAQ-1-E – Air Handler Filters

ifD Filter	AIR HANDLER MODEL NUMBER	
	A	B
EFD215	21½	19
EFD235	23½	21

Table IAQ-1-G – Downflow Furnace Filters

ifD Filter	FURNACE MODEL NUMBER	
	A	B
EFD17D	17½	14⅞
EFD21D	21	18⅞
EFD24D	24½	21⅞

Table IAQ-1-F – Upflow Furnace Filters

ifD Filter	FURNACE MODEL NUMBER	
	A	B
EFD145	14½	12
EFD175	17½	15
EFD210	21	18½
EFD245	24½	22

\* Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at americanstandardair.com or by phone at 855-260-2975, otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.

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



## 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 <sup>5</sup> / <sub>8</sub> x 20 <sup>3</sup> / <sub>8</sub> x 2
BAYSF1185BAA	1" Filter and Frame, 18 <sup>1</sup> / <sub>2</sub>	18 <sup>1</sup> / <sub>2</sub> x 21 x 2
BAYSF1235BAA	1" Filter and Frame, 23 <sup>1</sup> / <sub>2</sub>	23 <sup>1</sup> / <sub>2</sub> x 21 x 2
BAYSF11255BAA	1" Filter and Frame (Side Return Furnace)	16 <sup>5</sup> / <sub>8</sub> x 25 <sup>1</sup> / <sub>2</sub> x 2
FLRSF1165*	1" Media Filter (Side Return Furnace)	16 <sup>1</sup> / <sub>4</sub> x 20 <sup>1</sup> / <sub>4</sub> x <sup>3</sup> / <sub>4</sub>
FLRSF1185*	1" Media Filter	17 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>4</sub> x <sup>3</sup> / <sub>4</sub>
FLRSF1235*	1" Media Filter	22 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>4</sub> x <sup>3</sup> / <sub>4</sub>
FLRSF1255*	1" Media Filter (Side Return Furnace)	16 <sup>1</sup> / <sub>4</sub> x 25 <sup>1</sup> / <sub>4</sub> x <sup>3</sup> / <sub>4</sub>
FLRSF1265*	1" Media Filter	25 <sup>3</sup> / <sub>4</sub> x 19 <sup>3</sup> / <sub>4</sub> x <sup>3</sup> / <sub>4</sub>

\*Shipped in cartons of 12

Indoor Air Quality

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HEATING & AIR CONDITIONING

## QuikBox™ Media Cabinet and Filters



- New Cost Improved Replacement for TFM Perfect Fit Media Filter
- 7 Perfect Fit Sizes to match Air Handler or Furnace Cabinet dimensions
- 5" Depth Metal Painted Cabinet with fully insulated R-4.2 Door
- MERV 11 and MERV 13 solutions available
- Space saving collapsible "shirt box" style filter design
- 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

MERV 11	MERV 13	Nominal Cabinet Size (HxWxD)	Airflow Range CFM	Shipping Weight	Older Perfect Fit Model
EQBFM175A1FR11	EQBFM175A0FR13	5" x 17.5" x 27"	300-1500	20	TFM175B0FR0
EQBFM17DA1AH11	EQBFM17DA0AH13	5" x 17.5" x 21"	300-1600	20	TFM17DA0FR0
EQBFM210A1FR11	EQBFM210A0FR13	5" x 21.0" x 27"	300-2000	22	TFM210B0FR0
EQBFM215A1AH11	EQBFM215A0AH13	5" x 21.5" x 21"	300-1400	20	TFM215B0AH0
EQBFM235A1AH11	EQBFM235A0AH13	5" x 23.5" x 21"	300-1700	22	TFM235B0AH0
EQBFM245A1FR11	EQBFM245A0FR13	5" x 24.5" x 27"	400-2000	24	TFM245B0FR0
EQBFM185A1AH11	EQBFM185A0AH13	5" x 18.5" x 21"	400-1600	22	N/A

Table IAQ-3-B– QuikBox™ Replacement Filters

QuikBox Model	QuikBox MERV 11 Filter Part Number	QuikBox MERV 13 Filter Part Number	Dimensions (in.)	Perfect Fit Model	Old Filter Part Number
OBSOLETE	FLRQB5FR14M11	FLRQB5FR14M13	13.7 x 26 x 4.7	TFM145B0FR0	BAYFTFR14M2
EQBFM175A1FR11	FLRQB5FR17M11	FLRQB5FR17M13	16.7 x 26 x 4.7	TFM175B0FR0	BAYFTFR17M2
EQBFM210A1FR11	FLRQB5FR21M11	FLRQB5FR21M13	20.2 x 26 x 4.7	TFM210B0FR0	BAYFTFR21M2
EQBFM245A1FR11	FLRQB5FR24M11	FLRQB5FR24M13	23.7 x 26 x 4.7	TFM245B0FR0	BAYFTFR24M2
EQBFM17DA1AH11	FLRQB5DN17M11	FLRQB5DN17M13	16.7 x 20 x 4.7	TFM17DA0FR0	BAYFTDN17M2

Table IAQ-3-C– QuikBox™ Replacement Filters

QuikBox Model	QuikBox MERV 11 Filter Part Number	QuikBox MERV 13 Filter Part Number	Dimensions (in.)	Perfect Fit Model	Old Filter Part Number
EQBFM215A1AH11	FLRQB5AH21M11	FLRQB5AH21M13	20.7 x 20 x 4.7*	TFM215B0AH0	BAYFTAH21M2
EQBFM235A1AH11	FLRQB5AH23M11	FLRQB5AH23M13	22.7 x 20 x 4.7	TFM235B0AH0	BAYFTAH23M2
EQBFM260A1AH11	FLRQB5AH26M11	FLRQB5AH26M13	25.2 x 20 x 4.7	TFM260B0AH0	BAYFTAH26M2
EQBFM185A1AH11	FLRQB5AH18M11	FLRQB5AH18M13	17.75 x 20 x 4.7	N/A	N/A

\* Note:

Fits phased out TFM21DAFR0 Perfect Fit Cabinet

Indoor Air Quality

# 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 American Standard Home-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. Registered Limited Warranty available.\*\*
- All Inclusive Package means there is nothing else to purchase. Includes manual humidistat and blower relay. American Standard Home-enabled control is optional.

\*Replace once a year

## Steam Humidifier Low Conductivity w/ Manual Control

- American Standard<sup>®</sup> 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)
EHUMD800ASM00C	Steam Humidifier w/ Manual Control	10.125 x 7.125 x 20.875	23
EHUMD800BSMLCC	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	Extremely 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
56AS	Convertible Automatic Humidifier Control, American Standard Brand

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

\*\* Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at [americanstandardair.com](http://americanstandardair.com) or by phone at 855-260-2975, otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on [ASDealerNet.com](http://ASDealerNet.com).

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

# Humidifiers

## Fan Powered and Bypass



**Fan Powered Humidifier**



**Bypass 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 with Stainless Steel Valve Seat
- UV Resistant Cabinet and Scale Control Insert
- Saddle Valve
- Polyslate Gray Housing matches Furnace Cabinet Color
- 120V Power Line Cord
- 110V Primary/24VA Transformer

### 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 with 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
- 110V Primary / 24V Secondary 10VA Transformer

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

Model Number	Description	Used With	Shipping Weight
EHUMD500APA00D <sup>①④</sup>	Fan Powered Humidifier	All Furnace Models	20
EHUMD300ABA00C <sup>②</sup>	Large Bypass Humidifier	All Furnace Models	15
EHUMD200ABAM00C <sup>③</sup>	Small Bypass Humidifier	All Furnace Models	14

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

**Table IAQ-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
BAYKIT01ASMBPA	Small bypass humidifier maintenance kit	EHUMD200A
BAYKIT01ALGBPA	Large bypass humidifier maintenance kit	EHUMD300A
BAYKIT01ALGFPA	Large fan powered humidifier maintenance kit	EHUMD500

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*American Standard*<sup>®</sup>

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## Whole Home Dehumidifiers with Optional Ventilation



- Full line of horizontal dehumidifiers from 70 ppd to 120 ppd of moisture removal
- Exclusive XT coil technology means higher efficiency humidity removal rates than standard units
- 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 13 filter for superior indoor air quality
- 5 Year Unit Replacement Warranty for Refrigeration Circuit Failures (Registered Warranty)\*
- Engineered for low temperature operation providing comfort year round
- Optional digital controller for outdoor air ventilation and humidity control
- Designed for quiet operation

**Table IAQ-6-A – Specifications: American Standard<sup>®</sup> Whole Home Dehumidifiers with Optional Ventilation**

Model Number	Description	Dimensions- W" x H" x L"	Weight (lbs.)
EDHUM70HAH1MNBA	Whole home 70 pint ventilating dehumidifier, 1,800 sq. ft. capacity	12 x 12 x 28	55
EDHUM098AH1MNBA	Whole home 98 pint ventilating dehumidifier, 2,300 sq. ft. capacity	14.5 x 19.5 x 32.375	81
EDHUM120AH1MNA	Whole home 120 pint ventilating dehumidifier, 3,000 sq. ft. capacity	14.4 x 21.0 x 32.2	91

**Table IAQ-6-B – Accessories**

Model Number	Description	Dimensions- W" x H" x L"	Weight (lbs.)
4037724	Filter (qty 1), 9" x 11" x 1" MERV 13 (70)	14 x 10 x 8	1 lb.
4037736	Filter (qty 12) for 9" x 11" x 1" MERV 13 (70)	12 x 12 x 12	3 lb.
4037722	Filter (qty 1) 14" x 17.5" x 1.75" MERV 13 (98, 120)	20 x 20 x 7	3 lb.
4037732	Filter (qty 12) 14" x 17.5" x 1.75" MERV 13 (98, 120)	22 x 19 x 15	13 lb.
4036695	Hang kit (70, 98, 120)	24 x 7 x 7	7 lb.
4023672	6" motorized damper	10 x 10 x 10	3 lb.
4023647	8" gravity damper (70)	13 x 13 x 13	5 lb.
4024375	10" gravity damper (98, 120)	13 x 13 x 13	5 lb.
4028539	D30 control	9 x 6 x 2	1 lb.
4028407	D30 control with remote	9 x 6 x 4	1 lb.

Indoor Air Quality

\*\* Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at [americanstandardair.com](http://americanstandardair.com) or by phone at 855-260-2975, otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.

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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## 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

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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# 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: American Standard 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
EERVR100A1P00B <sup>①</sup>	130	120/1/60	20 <sup>1</sup> / <sub>8</sub> x 28 <sup>3</sup> / <sub>4</sub> x 13	65
EERVR200A1P00B <sup>①</sup>	200	120/1/60	20 <sup>1</sup> / <sub>8</sub> x 28 <sup>3</sup> / <sub>4</sub> x 23 <sup>7</sup> / <sub>8</sub>	85
EERVR300A1P00B <sup>①</sup>	300	120/1/60	20 <sup>1</sup> / <sub>8</sub> x 28 <sup>3</sup> / <sub>4</sub> x 23 <sup>7</sup> / <sub>8</sub>	95

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

**Table IAQ-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
ECONTV10APBC0A	Point of Use Push Button Control	ERV models 100, 200, 300	1
FLR08618	Filters - 2 per pack	ERV models 100	1
FLR08619	Filters - 2 per pack	ERV models 200, 300	1
BAYWHT10AVENTA <sup>①</sup>	6 inch White Vinyl Ventilation Hood	ERV models 100, 200	1
BAYBRN10AVENTA <sup>①</sup>	6 inch Brown Vinyl Ventilation Hood	ERV models 100, 200	1
BAYGLV10AVENTA <sup>①</sup>	8 inch Galvanized Ventilation Hood	ERV models 300	2

<sup>①</sup> Qty 1.

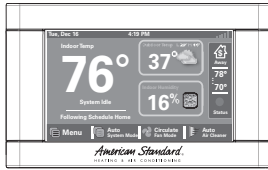
\* Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at [americanstandardair.com](http://americanstandardair.com) or by phone at 855-260-2975, otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on [ASDealerNet.com](http://ASDealerNet.com).

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**



### ACONT824AS52DB

- Energy Star<sup>®</sup> certified
- Z-Wave Plus Bridge Inside
- American Standard Diagnostics ①
- WiFi or Ethernet connection
- Control from a smartphone, tablet, or computer ②
- 4.3" Color touchscreen
- 7 Day programmable with up to four schedules per day
- Five day weather forecast, weather radar, and weather alerts ③
- Indoor relative humidity display
- Enhanced dehumidification (cooling)
- 2 Auxiliary dry contacts control 2 of the following: Whole house humidifier, dehumidifier, or ventilation system
- Integrated Dehumidification Solution (IDS) capable
- 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

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

CCZS-1

Effective 1/1/23

14-1011-40

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.

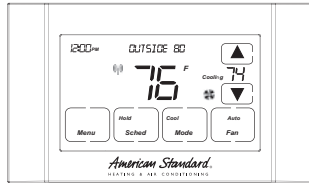


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HEATING & AIR CONDITIONING

## 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

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.  
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

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# American Standard<sup>®</sup> Link System Controller and Smart Thermostat



**SC360**  
System controller



**UX360**  
Smart thermostat

## ALINK360A2VVUA

(kit includes System Controller and Smart Thermostat)

- Mobile app compatible with built-in Z-Wave bridge (download American Standard Home mobile app)
- American Standard Diagnostics ①
- American Standard Diagnostics mobile app compatibility allows for easy technician commissioning and servicing
- WiFi 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
- Smart Continuous Fan
- Adjustable Continuous Airflow (35–100%)
- Five day weather forecast ①
- Indoor relative humidity display
- Test modes and alert diagnostics
- Over-the-air Software Upgrade ①
- Color: Designer White
- Limited Warranty: 5 yr. base/10 yr.

## Application:

- AccuComfort™ Variable Speed
- Remote wired temperature sensor available through the hub
- Remote wireless indoor temperature and humidity sensor (optional): ZSENS930AW00MA

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.

# AccuLink™ Communicating Smart Thermostat



**PLATINUM 1050  
AZON1050AC52ZA**

## AZON1050AC52ZA

- Z-Wave Plus Bridge Inside
- 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
- Integrated Dehumidification Solution (IDS) capable
- 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

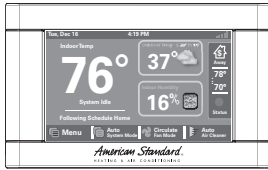
## Dimensions:

- 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.

# AccuLink™ Communicating Smart Thermostat



**PLATINUM 850  
ACONT850AC52UB**

## ACONT850AC52UB

- Z-Wave Plus Bridge
- 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
- Integrated Dehumidification Solution (IDS) capable
- 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.

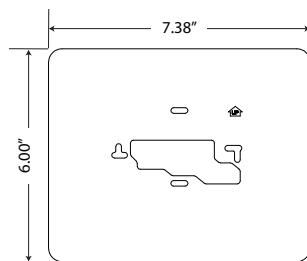
## Application:

- 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:

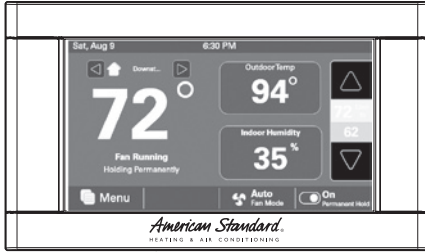
- 7.38" w x 6.00" h
- Finish: Silver

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.

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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
- Over the Air upgrades via the 1050
- 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

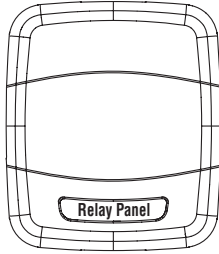
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HEATING & AIR CONDITIONING

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

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**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:**

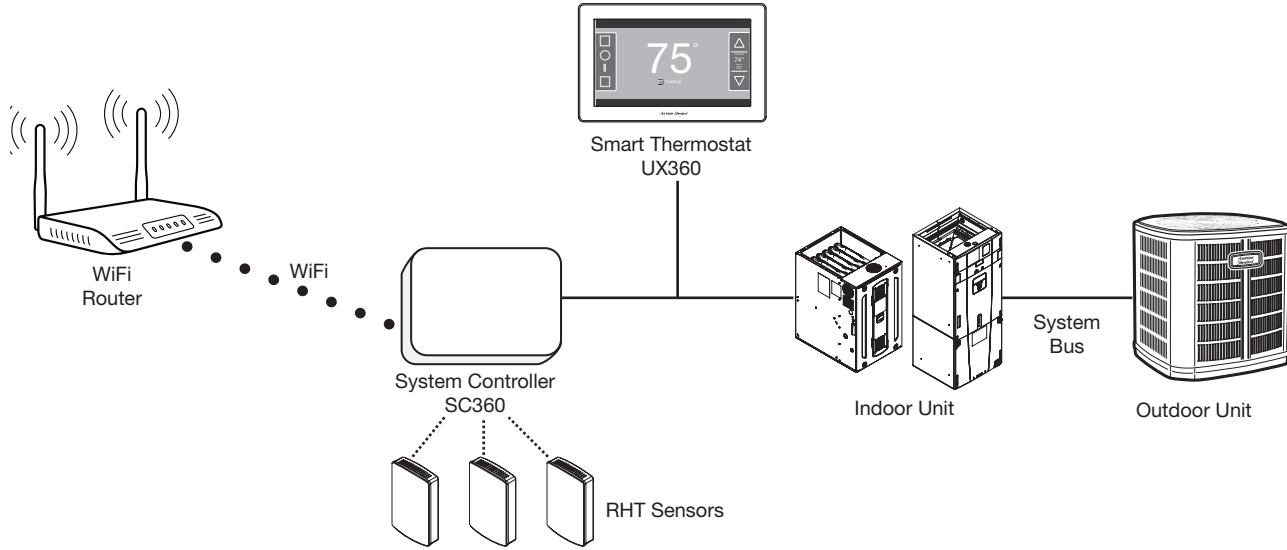
- -40° to 150°F, 5% - 95% RH non-condensing

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# American Standard® Link System Component Overview

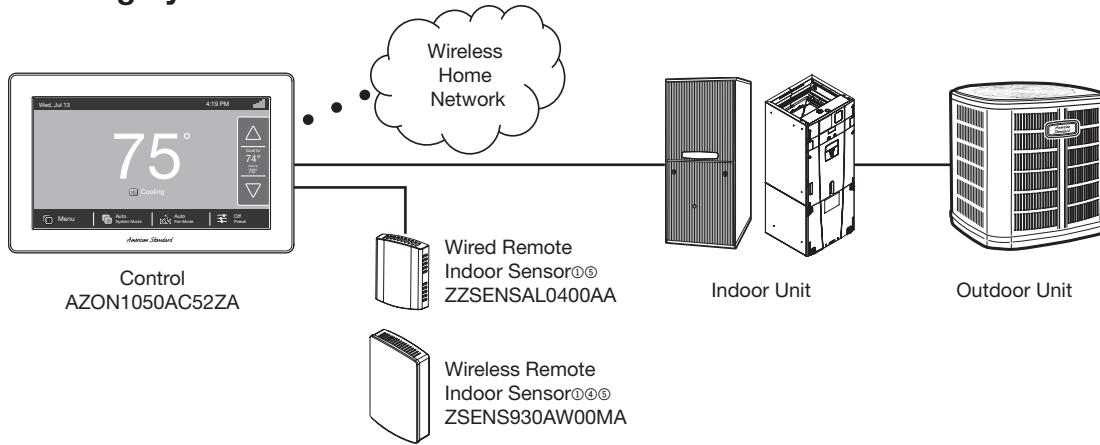
## American Standard® LINK System



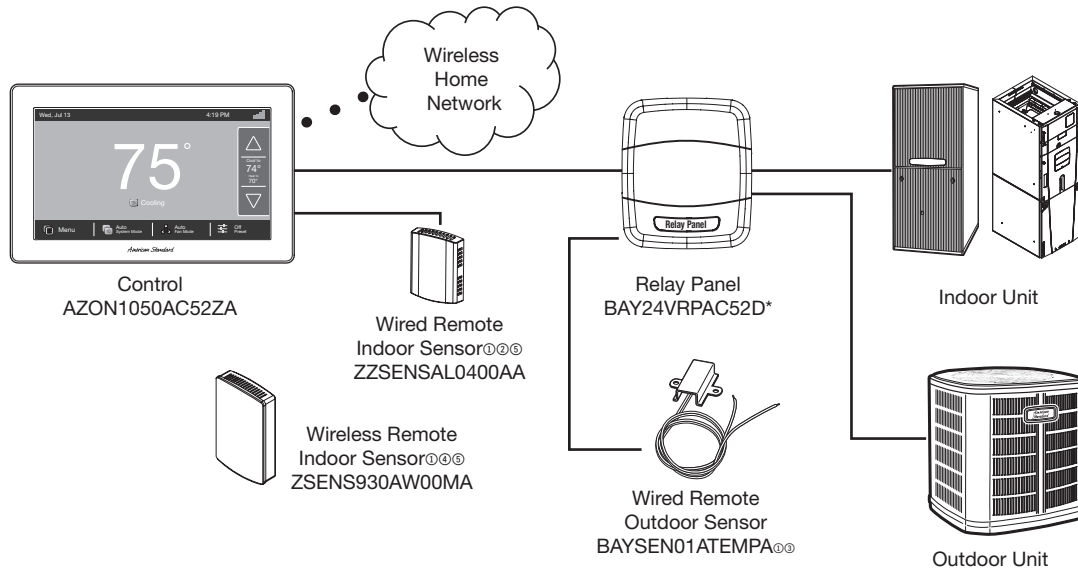
Link Zoning coming in Q2 of 2023.

# 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.

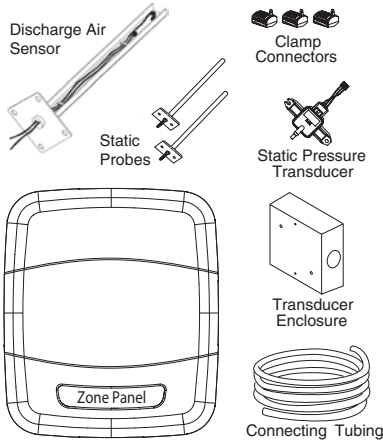


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## AccuLink™ Zoning Assembly



**ZZONEPNLAC52ZB**

### ZZONEPNLAC52ZB

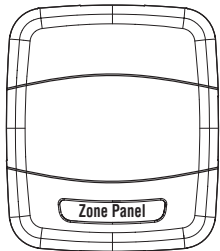
American Standard Variable Speed Indoor Unit (Air handler/Gas Furnace) required.

**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)



**ZZONEEXPAC52ZA\***

### ZZONEEXPAC52ZA\*

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

**Dimensions:**

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

**Storage Temperature:**

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

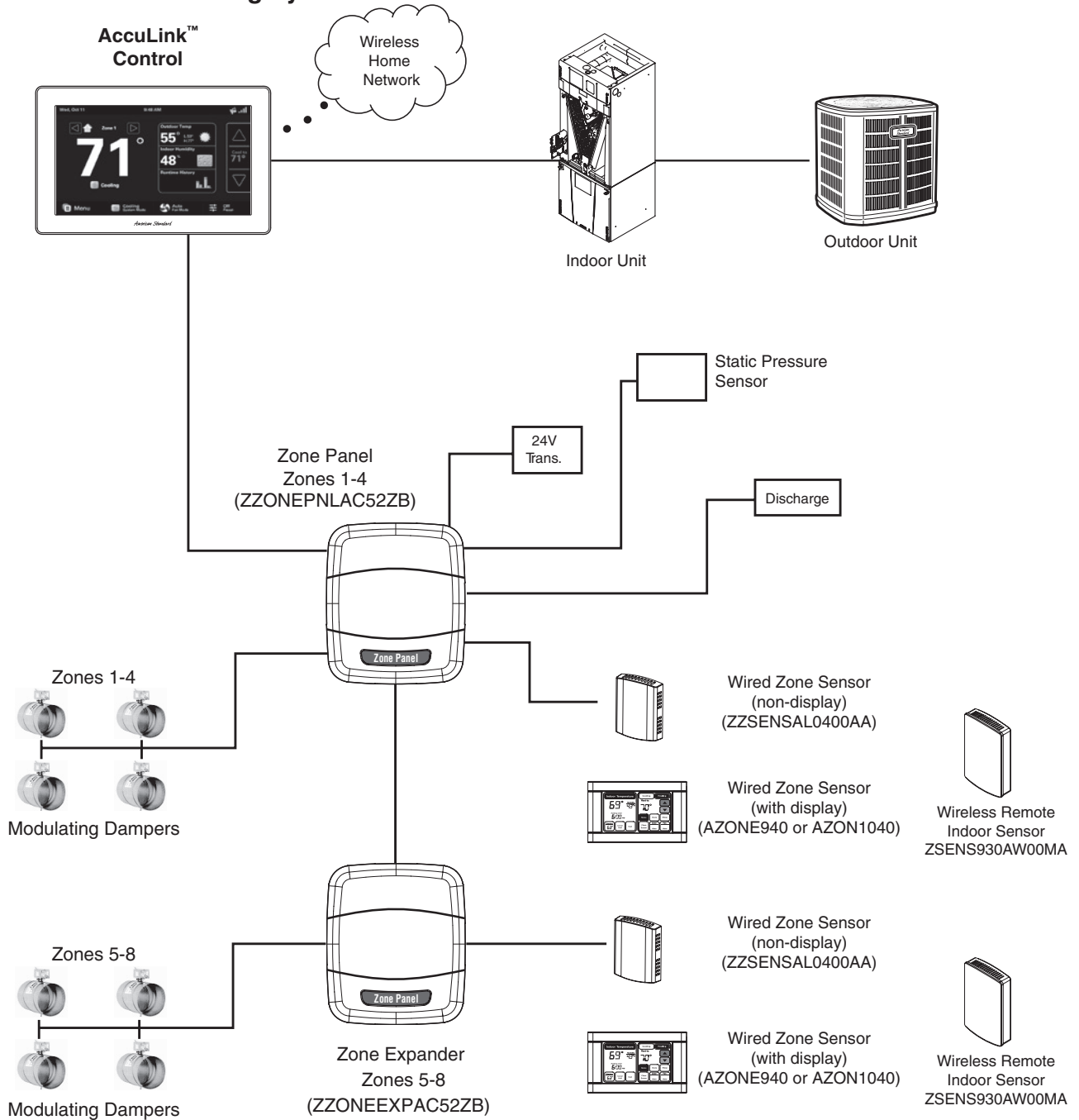
**Operating Temperature:**

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

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

# AccuLink™ Zoning Component Overview

## Zoned Communicating System

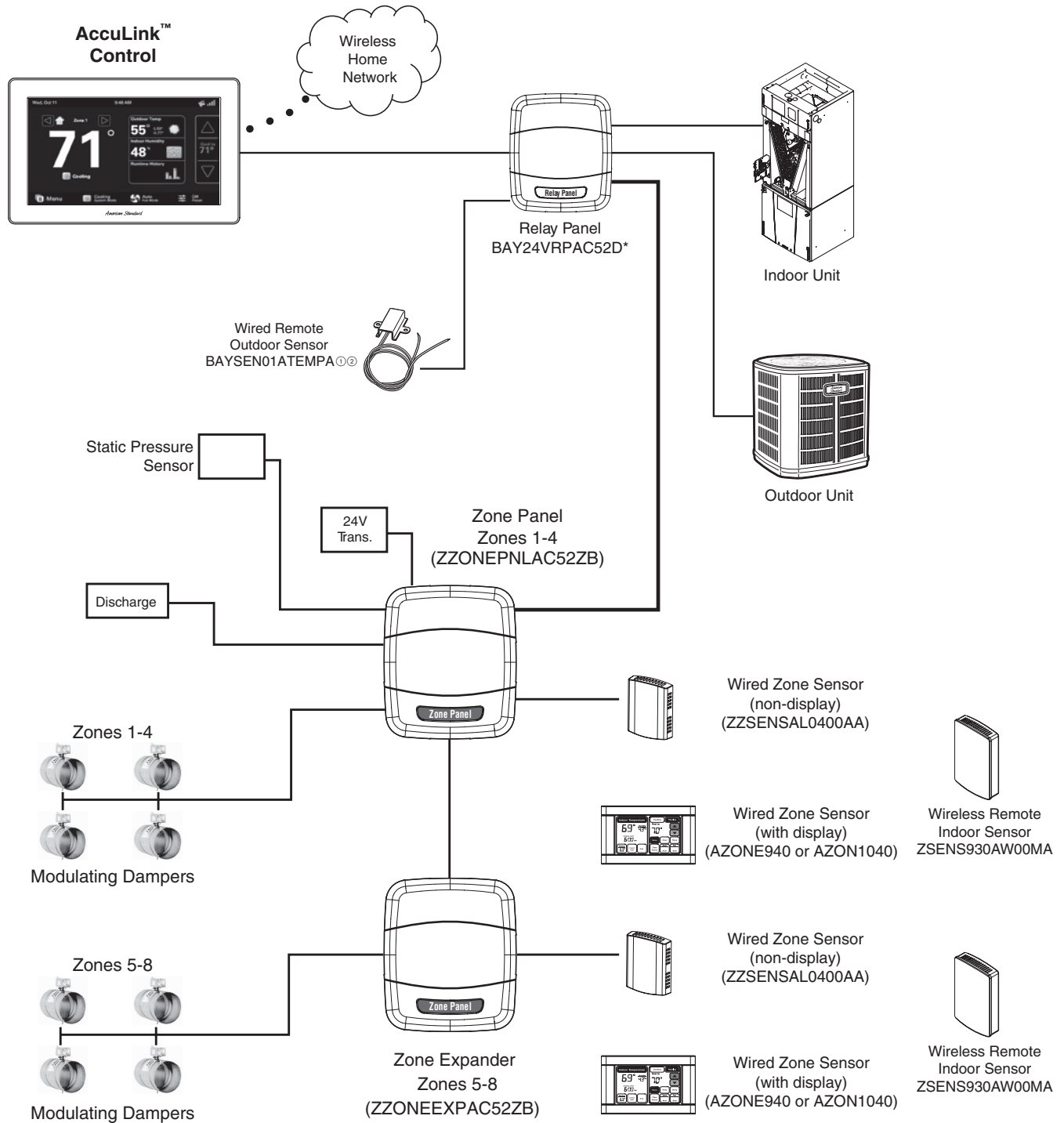


- Note 1. Each Zone Panel or Zone Expander supports up to four zones.
  - Note 2. One 940 or 1040 may be installed per zone.
  - Note 3. Up to four 0400 wired sensors or 930 wireless sensors may be installed per zone.
  - Note 4. If a 940 or 1050 is used, then up to three 0400 wired sensors or 930 wireless 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.

# AccuLink™ Zoning Component Overview (Cont.)

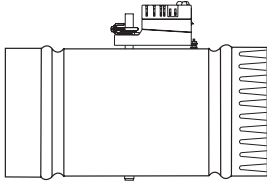
## Zoned 24V System



- 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.

# 24 Volt Modulating Dampers



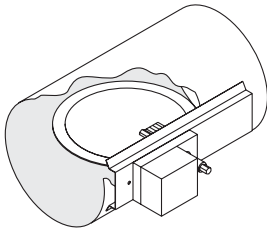
**Round Dampers**

## 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-13-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**

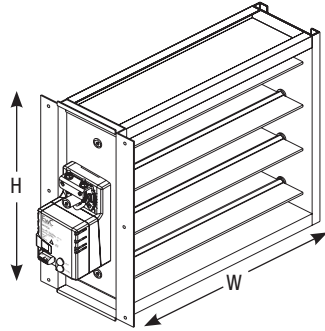
## Retro-Fit Round Dampers

- 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-13-B — Specifications: Retrofit Round Dampers**

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

# 24 Volt Modulating Dampers - Side Mount



## Rectangular Dampers with Side Mount Actuator

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

## Rectangular Dampers with Side Mount Actuator

Table CCZS-14-A — Specifications: Rectangular Dampers with Side Mount Actuator

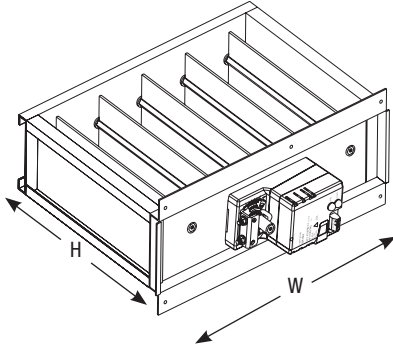
Model Number	Power Supply	Description	Uncrated Dimensions (in.)	
			W	H
ZDAMPSMMA0806A	24 VAC	Rectangular-Side Mount Actuator	8	6
ZDAMPSMMA0808A	24 VAC	Rectangular-Side Mount Actuator	8	8
ZDAMPSMMA1006A	24 VAC	Rectangular-Side Mount Actuator	10	6
ZDAMPSMMA1008A	24 VAC	Rectangular-Side Mount Actuator	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-15-A – Specifications: Rectangular Dampers with Side Mount Actuator (continued)**

Model Number	Power Supply	Description	Uncrated Dimensions (in.)	
			W	H
ZDAMPSMMA2206A	24 VAC	Rectangular-Side Mount Actuator	22	6
ZDAMPSMMA2208A	24 VAC	Rectangular-Side Mount Actuator	22	8
ZDAMPSMMA2210A	24 VAC	Rectangular-Side Mount Actuator	22	10
ZDAMPSMMA2212A	24 VAC	Rectangular-Side Mount Actuator	22	12
ZDAMPSMMA2214A	24 VAC	Rectangular-Side Mount Actuator	22	14
ZDAMPSMMA2216A	24 VAC	Rectangular-Side Mount Actuator	22	16
ZDAMPSMMA2218A	24 VAC	Rectangular-Side Mount Actuator	22	18
ZDAMPSMMA2220A	24 VAC	Rectangular-Side Mount Actuator	22	20
ZDAMPSMMA2222A	24 VAC	Rectangular-Side Mount Actuator	22	22
ZDAMPSMMA2406A	24 VAC	Rectangular-Side Mount Actuator	24	6
ZDAMPSMMA2408A	24 VAC	Rectangular-Side Mount Actuator	24	8
ZDAMPSMMA2410A	24 VAC	Rectangular-Side Mount Actuator	24	10
ZDAMPSMMA2412A	24 VAC	Rectangular-Side Mount Actuator	24	12
ZDAMPSMMA2414A	24 VAC	Rectangular-Side Mount Actuator	24	14
ZDAMPSMMA2416A	24 VAC	Rectangular-Side Mount Actuator	24	16
ZDAMPSMMA2418A	24 VAC	Rectangular-Side Mount Actuator	24	18
ZDAMPSMMA2420A	24 VAC	Rectangular-Side Mount Actuator	24	20
ZDAMPSMMA2422A	24 VAC	Rectangular-Side Mount Actuator	24	22
ZDAMPSMMA2424A	24 VAC	Rectangular-Side Mount Actuator	24	24
ZDAMPSMMA2606A	24 VAC	Rectangular-Side Mount Actuator	26	6
ZDAMPSMMA2608A	24 VAC	Rectangular-Side Mount Actuator	26	8
ZDAMPSMMA2610A	24 VAC	Rectangular-Side Mount Actuator	26	10
ZDAMPSMMA2612A	24 VAC	Rectangular-Side Mount Actuator	26	12
ZDAMPSMMA2614A	24 VAC	Rectangular-Side Mount Actuator	26	14
ZDAMPSMMA2616A	24 VAC	Rectangular-Side Mount Actuator	26	16
ZDAMPSMMA2618A	24 VAC	Rectangular-Side Mount Actuator	26	18
ZDAMPSMMA2620A	24 VAC	Rectangular-Side Mount Actuator	26	20
ZDAMPSMMA2622A	24 VAC	Rectangular-Side Mount Actuator	26	22
ZDAMPSMMA2624A	24 VAC	Rectangular-Side Mount Actuator	26	24
ZDAMPSMMA2626A	24 VAC	Rectangular-Side Mount Actuator	26	26
ZDAMPSMMA2806A	24 VAC	Rectangular-Side Mount Actuator	28	6
ZDAMPSMMA2808A	24 VAC	Rectangular-Side Mount Actuator	28	8
ZDAMPSMMA2810A	24 VAC	Rectangular-Side Mount Actuator	28	10
ZDAMPSMMA2812A	24 VAC	Rectangular-Side Mount Actuator	28	12
ZDAMPSMMA2814A	24 VAC	Rectangular-Side Mount Actuator	28	14
ZDAMPSMMA2816A	24 VAC	Rectangular-Side Mount Actuator	28	16
ZDAMPSMMA2818A	24 VAC	Rectangular-Side Mount Actuator	28	18
ZDAMPSMMA2820A	24 VAC	Rectangular-Side Mount Actuator	28	20
ZDAMPSMMA2822A	24 VAC	Rectangular-Side Mount Actuator	28	22
ZDAMPSMMA2824A	24 VAC	Rectangular-Side Mount Actuator	28	24
ZDAMPSMMA2826A	24 VAC	Rectangular-Side Mount Actuator	28	26
ZDAMPSMMA2828A	24 VAC	Rectangular-Side Mount Actuator	28	28
ZDAMPSMMA3006A	24 VAC	Rectangular-Side Mount Actuator	28	6
ZDAMPSMMA3008A	24 VAC	Rectangular-Side Mount Actuator	28	8
ZDAMPSMMA3010A	24 VAC	Rectangular-Side Mount Actuator	28	10
ZDAMPSMMA3012A	24 VAC	Rectangular-Side Mount Actuator	28	12
ZDAMPSMMA3014A	24 VAC	Rectangular-Side Mount Actuator	28	14
ZDAMPSMMA3016A	24 VAC	Rectangular-Side Mount Actuator	28	16
ZDAMPSMMA3018A	24 VAC	Rectangular-Side Mount Actuator	28	18
ZDAMPSMMA3020A	24 VAC	Rectangular-Side Mount Actuator	28	20
ZDAMPSMMA3022A	24 VAC	Rectangular-Side Mount Actuator	28	22
ZDAMPSMMA3024A	24 VAC	Rectangular-Side Mount Actuator	28	24
ZDAMPSMMA3026A	24 VAC	Rectangular-Side Mount Actuator	28	26
ZDAMPSMMA3028A	24 VAC	Rectangular-Side Mount Actuator	28	28
ZDAMPSMMA3030A	24 VAC	Rectangular-Side Mount Actuator	28	30

# 24 Volt Modulating Dampers - Bottom Mount



**Rectangular Dampers with Bottom Mount Actuator**

## Rectangular Dampers with Bottom Mount Actuator

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

**Table CCZS-16-A – Specifications: Rectangular Dampers with Bottom Mount Actuator**

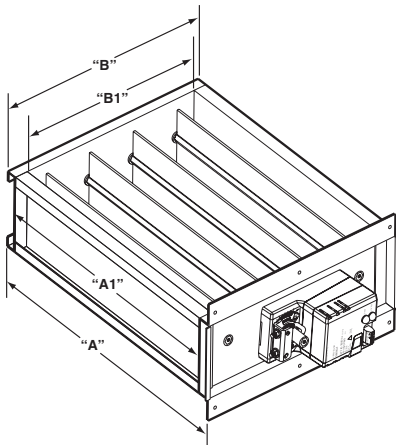
Model Number	Power Supply	Description	Uncrated Dimensions (in.)	
			H	W
ZDAMPBMMMA0810A	24 VAC	Rectangular-Bottom Mount Actuator	8	10
ZDAMPBMMMA0812A	24 VAC	Rectangular-Bottom Mount Actuator	8	12
ZDAMPBMMMA0814A	24 VAC	Rectangular-Bottom Mount Actuator	8	14
ZDAMPBMMMA0816A	24 VAC	Rectangular-Bottom Mount Actuator	8	16
ZDAMPBMMMA0818A	24 VAC	Rectangular-Bottom Mount Actuator	8	18
ZDAMPBMMMA0820A	24 VAC	Rectangular-Bottom Mount Actuator	8	20
ZDAMPBMMMA0822A	24 VAC	Rectangular-Bottom Mount Actuator	8	22
ZDAMPBMMMA0824A	24 VAC	Rectangular-Bottom Mount Actuator	8	24
ZDAMPBMMMA0826A	24 VAC	Rectangular-Bottom Mount Actuator	8	26
ZDAMPBMMMA0828A	24 VAC	Rectangular-Bottom Mount Actuator	8	28
ZDAMPBMMMA0830A	24 VAC	Rectangular-Bottom Mount Actuator	8	30
ZDAMPBMMMA1012A	24 VAC	Rectangular-Bottom Mount Actuator	10	12
ZDAMPBMMMA1014A	24 VAC	Rectangular-Bottom Mount Actuator	10	14
ZDAMPBMMMA1016A	24 VAC	Rectangular-Bottom Mount Actuator	10	16
ZDAMPBMMMA1018A	24 VAC	Rectangular-Bottom Mount Actuator	10	18
ZDAMPBMMMA1020A	24 VAC	Rectangular-Bottom Mount Actuator	10	20
ZDAMPBMMMA1022A	24 VAC	Rectangular-Bottom Mount Actuator	10	22
ZDAMPBMMMA1024A	24 VAC	Rectangular-Bottom Mount Actuator	10	24
ZDAMPBMMMA1026A	24 VAC	Rectangular-Bottom Mount Actuator	10	26
ZDAMPBMMMA1028A	24 VAC	Rectangular-Bottom Mount Actuator	10	28
ZDAMPBMMMA1030A	24 VAC	Rectangular-Bottom Mount Actuator	10	30
ZDAMPBMMMA1214A	24 VAC	Rectangular-Bottom Mount Actuator	12	14
ZDAMPBMMMA1216A	24 VAC	Rectangular-Bottom Mount Actuator	12	16
ZDAMPBMMMA1218A	24 VAC	Rectangular-Bottom Mount Actuator	12	18
ZDAMPBMMMA1220A	24 VAC	Rectangular-Bottom Mount Actuator	12	20
ZDAMPBMMMA1222A	24 VAC	Rectangular-Bottom Mount Actuator	12	22
ZDAMPBMMMA1224A	24 VAC	Rectangular-Bottom Mount Actuator	12	24
ZDAMPBMMMA1226A	24 VAC	Rectangular-Bottom Mount Actuator	12	26
ZDAMPBMMMA1228A	24 VAC	Rectangular-Bottom Mount Actuator	12	28
ZDAMPBMMMA1230A	24 VAC	Rectangular-Bottom Mount Actuator	12	30
ZDAMPBMMMA1416A	24 VAC	Rectangular-Bottom Mount Actuator	14	16
ZDAMPBMMMA1418A	24 VAC	Rectangular-Bottom Mount Actuator	14	18
ZDAMPBMMMA1420A	24 VAC	Rectangular-Bottom Mount Actuator	14	20
ZDAMPBMMMA1422A	24 VAC	Rectangular-Bottom Mount Actuator	14	22
ZDAMPBMMMA1424A	24 VAC	Rectangular-Bottom Mount Actuator	14	24
ZDAMPBMMMA1426A	24 VAC	Rectangular-Bottom Mount Actuator	14	26
ZDAMPBMMMA1428A	24 VAC	Rectangular-Bottom Mount Actuator	14	28
ZDAMPBMMMA1430A	24 VAC	Rectangular-Bottom Mount Actuator	14	30
ZDAMPBMMMA1618A	24 VAC	Rectangular-Bottom Mount Actuator	16	18
ZDAMPBMMMA1620A	24 VAC	Rectangular-Bottom Mount Actuator	16	20
ZDAMPBMMMA1622A	24 VAC	Rectangular-Bottom Mount Actuator	16	22
ZDAMPBMMMA1624A	24 VAC	Rectangular-Bottom Mount Actuator	16	24
ZDAMPBMMMA1626A	24 VAC	Rectangular-Bottom Mount Actuator	16	26
ZDAMPBMMMA1628A	24 VAC	Rectangular-Bottom Mount Actuator	16	28
ZDAMPBMMMA1630A	24 VAC	Rectangular-Bottom Mount Actuator	16	30
ZDAMPBMMMA1820A	24 VAC	Rectangular-Bottom Mount Actuator	18	20
ZDAMPBMMMA1822A	24 VAC	Rectangular-Bottom Mount Actuator	18	22
ZDAMPBMMMA1824A	24 VAC	Rectangular-Bottom Mount Actuator	18	24
ZDAMPBMMMA1826A	24 VAC	Rectangular-Bottom Mount Actuator	18	26
ZDAMPBMMMA2022A	24 VAC	Rectangular-Bottom Mount Actuator	20	22
ZDAMPBMMMA2024A	24 VAC	Rectangular-Bottom Mount Actuator	20	24

BUILT TO A HIGHER STANDARD

**American Standard**  
HEATING & AIR CONDITIONING

# 24 Volt Modulating Dampers

Table CCZS-17-A — Rectangular Damper Net Free Area



Listed Size	Actual Outside Size	Actual Inside Size	8	10	12	14	16	18	20	22	24	26	28	30	Listed Size	High
			7.813	9.813	11.813	13.813	15.813	17.813	19.813	21.813	23.813	25.813	27.813	29.813	Act. Outside Size B	
Wide	A	A1	5.813	7.813	9.813	11.813	13.813	15.813	17.813	19.813	21.813	23.813	25.813	27.813	Act. Inside Size B1	
			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		

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

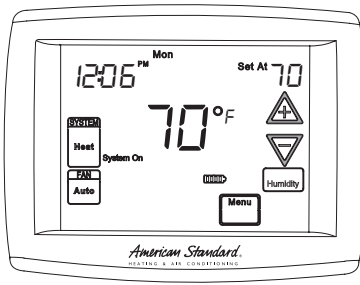
CCZS-17

Effective 1/1/23  
14-1011-40

Smart Thermostats / Zone Sensors



# Programmable Touchscreen Thermostats



**ACONT303AS42DA**

## ACONT303AS42DA

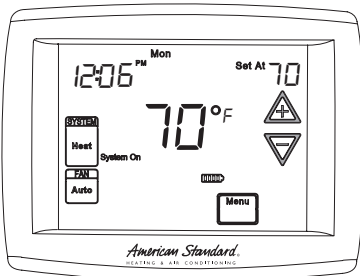
- 5" Diagonal Touchscreen
- Built-in Humidity sensor
- Programmable: 7 day, 5/1/1 day, or none
- Common preferred, not required with 2AA battery power (included)
- Simple to install and use
- 5" diagonal touchscreen
- Remote wired indoor or outdoor sensor option
- Control with one indoor sensor or average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

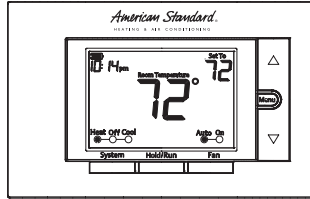
## Application:

- 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

## Programmable Thermostats



**ACONT203AS42MA**

### ACONT203AS42MA

#### 4 Heat/2 Cool

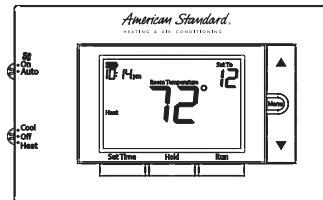
- 5/1/1 or 7 day Programming
- Simple to Install and Use
- 3.5" Diagonal, Backlit Display
- Common preferred, not required with 2AA battery power (included)
- Easy to follow Sequential Programming
- Indoor and setpoint temperatures displayed simultaneously
- Easy battery access
- Easy to understand soft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

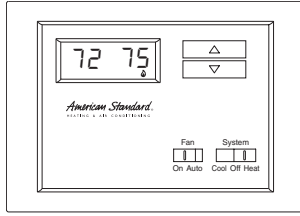
#### Application:

- 1 Heat/1 Cool

#### Dimensions:

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

# Non-Programmable Thermostats



**ACONT103A**

## ACONT103AN21MA

### 2 Heat/1 Cool

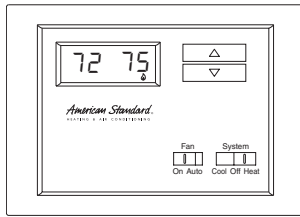
- Push Button, Non-Programmable
- 1.9" Diagonal Display
- Configurable Switchover Valve
- Emergency Heat
- Common required
- Fahrenheit or Celsius
- Keypad Lock

### 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



**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:

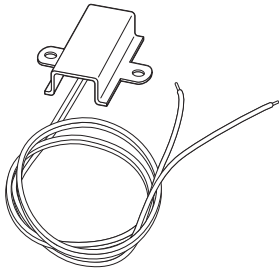
- 3.88" h x 5.5" h x 1.18" d
- Finish: Bright White

## Remote Sensors



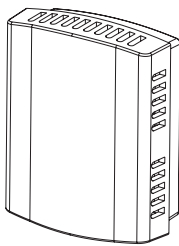
### BAYSEN02ATEMPA

- Outdoor Temperature Sensor for use with ACONT800, 802, 803
- Accuracy +/- 1°F from -40 to 120°F



### BAYSEN01ATEMPA

- Outdoor Temperature Sensor for use with AZON1050AC, AZONE950AC, ACONT850AC, ACONT824AS, ACONT624AS, ACONT402AN, ACONT401AN, BAY24VRPAC52D\*.
- Accuracy
  - +/- 1.5°F over 32°F to 100°F
- Display Range
  - -40°F to 140°F

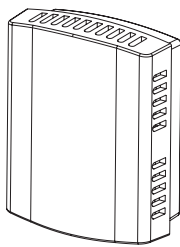


### ZZSENSAL0400AA

- Indoor Wired Sensor for use with AZON1050AC, AZONE950AC, ACONT850AC, ACONT824AS, ACONT624AS, ACONT402AN, BAY24VRPAC52D\*.
- Operating Ambient Temperature Range: 20° to 120°F (-6.7° to 48.9°C)
- Display Range: 20° to 120°F (-6.7° to 48.9°C)
- Sensor Accuracy: +/- .5°F at 75°F
- Operating Relative Humidity: 5% to 90% non-condensing

#### Dimensions in in. (mm):

- 1.54 (39)w x 1.93 (49)h x .625 (1.6)d
- Storage Temperature: -40° to 140°F (-40° to 60°C)
- Finish: White

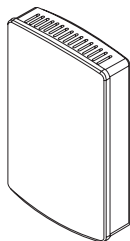


### ZZSENSAL0800AA

- Indoor Wired Temperature Sensor for use with ACONT800, ACONT802, ACONT803
- Operating Ambient Temperature Range: 20° to 120°F (-6.7° to 48.9°C)
- Display Range: 0 to 99°F (-18 to 37°C)
- Sensor Accuracy: +/-1.5°F at 70°F (+/- .84 at 21°C)
- Operating Relative Humidity: 5% to 95% non-condensing

#### Dimensions in in. (mm):

- 1.54 (39)w x 1.93 (49)h x .625 (16)d
- Storage Temperature: -40° to 140°F (-40° to 60°C)
- Finish: White



### ZSENS930AW00MA

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

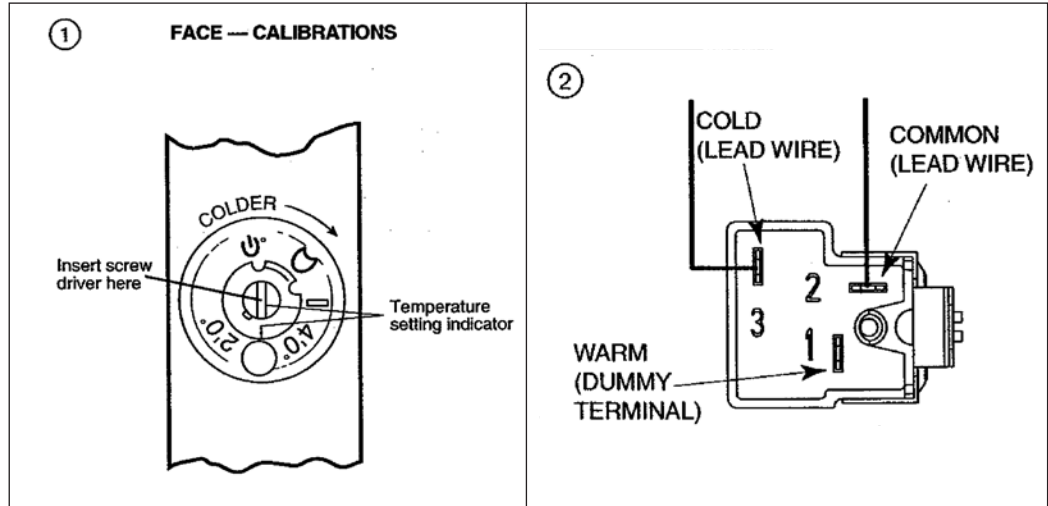
#### Dimensions in in. (mm):

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

# Outdoor Thermostat Kit

## TAYSTAT250B

- The outdoor thermostat (ODT) is designed to turn "ON" the supplementary heater at a pre-selected outdoor temperature.
- The number and setting of the ODT is dependent on the heat loss of the structure and capacity of the heating system installed.
- This model ODT gives a temperature range for 44°F. to -10°F. (See figure 1 for settings). The switching action is single pole/double throw, opening on temperature rise and closing on temperature fall, completing the circuit through the thermostat.

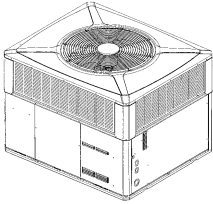


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**American Standard**  
HEATING & AIR CONDITIONING

# Packaged Cooling Convertible 2-5 Tons

Packaged Cooling



**4TCC4  
13.4 SEER2  
1-Phase**

**Table PK-1-C – 4TCC4 - Silver 13.4 (13.4 SEER2) - Convertible Packaged Cooling - R-410A**

Model Number	Cooling Capacity (BTUH)	SEER2/EER2	Shipping Weight	MCA	Max Fuse	Sound Rating	Uncrated Dimensions (in.) H x D x W
<b>4TCC4 (13.4 SEER2) – 208-230/1/60</b>							
4TCC4024E1000A	23,200	13.40/11.00	432	16.7	25	67	36 x 42 x 49
4TCC4030E1000A	28,000	13.40/11.00	451	20.8	30	70	36 x 42 x 49
4TCC4036E1000A	36,400	13.40/11.00	453	26.2	40	69	38 x 42 x 49
4TCC4042E1000A	39,500	13.40/11.00	561	28.3	45	75	36 x 45 x 59
4TCC4048E1000A	46,000	13.40/10.80	557	31.8	50	73	40 x 45 x 59
4TCC4060E1000A	57,000	13.40/11.00	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.

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 2-5 Tons

**Table PK-2-A – Features 2-5**

	4TCC4
• SEER2 up to .....	13.4
• Exclusive Duration™ high efficiency compressor with internal overload protection.....	✓
• Factory supplied charge.....	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.....	✓
• 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.....	5
• All aluminum indoor coil.....	2-4
• All models are certified to UL 1995.....	✓
• <b>20-year heat exchanger, 10-year compressor, 10-year coils, and 10-year all other functional parts limited warranty with registration† (Residential use).....</b>	✓
• <b>Extended warranties available.....</b>	✓

\* Constant torque ECM (electronically commutated motor).

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

† Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at americanstandardair.com or by phone at 855-260-2975, otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on americanstandardair.com. Ask your dealer for full warranty information at time of purchase. Warranties are for residential and multi-family use only, some exclusions may apply.

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# Packaged Cooling Convertible 2-5 Tons

**Table PK-3-A — Accessories**

Model Number	Description	Shipping Weight	4TCC4 2-5
BAYACCDOR1A...	Hinged Filter Access Door <sup>Ⓣ</sup> .....		2-3
BAYACCDOR2A...	Hinged Filter Access Door <sup>Ⓣ</sup> .....		3½-5
BAYACCEADP1A..	Adaptor Kit for Installation of AccuClean™ and 5" Media Filter (Horizontal) <sup>Ⓣ</sup> .....	10.....	2-3
BAYACCEADP2A..	Adaptor Kit for Installation of AccuClean™ and 5" Media Filter (Horizontal) <sup>Ⓣ</sup> .....	12.....	3½-5
BAYADAP050A ....	Adapter Curb (Cabinet A/B).....		2-3
BAYADAP051A ....	Adapter Curb (Cabinet C).....		2-3
BAYADAP052A ....	Adapter Curb (Cabinet A/B).....		3½-5
BAYADAP053A ....	Adapter Curb (Cabinet C).....		3½-5
BAYADAP054A ....	Adapter Curb (Cabinet D).....		3½-5
BAYASCT001 .....	Anti-Short Cycle Timer 4.....		—
BAYCCHT102A....	Crankcase Heater (230V) (Scroll).....		3½-5
BAYCCHT103A....	Crankcase Heater (230V) (Scroll).....		2-3
BAYCOVR112A....	12" Duct Shroud (Covers Horizontal Ducts) <sup>Ⓣ</sup> .....		2-5
BAYCOVR118A....	18" Duct Shroud (Covers Horizontal Ducts) <sup>Ⓣ</sup> .....		2-5
BAYCURB050A....	Flat Roof Full Perimeter Curb (Insulated).....	74.....	2-3
BAYCURB051A....	Flat Roof Full Perimeter Curb (Insulated).....	74.....	3½-5
BAYDMPR101A ...	2-Position Motorized Fresh Air Damper <sup>①⑦⑧⑨</sup> .....		2-3
BAYDMPR102A ...	2-Position Motorized Fresh Air Damper <sup>①⑦⑧⑨</sup> .....		3½-5
BAYECON101A....	Economizer with Barometric Relief (Downflow) <sup>①②③④⑤</sup> .....	50.....	2-3
BAYECON102A....	Economizer with Barometric Relief (Downflow) <sup>①②③④⑤</sup> .....	65.....	3½-5
BAYECON104A....	Economizer with Barometric Relief (Downflow) <sup>①②③④⑤</sup> .....	65.....	—
BAYECON200A....	Economizer (Horizontal) <sup>①②③④</sup> .....	85.....	2-3
BAYECON201A....	Economizer (Horizontal) <sup>①②③④</sup> .....	85.....	3½-5
BAYECON204A....	Economizer (Horizontal) <sup>①②③④</sup> .....	85.....	—
BAYENTH001A ....	Enthalpy Control Kit <sup>Ⓣ</sup> .....	2.....	✓
BAYEXMK001A....	Extreme Conditions Mounting Kit (Used on BAYCURB & BAYADAP).....		✓
BAYEXMK002B ...	Extreme Conditions Mounting Kit (Used on BAYUTIL).....		✓
BAYEXMK003A....	Extreme Conditions Mounting Kit (Used on Slab Mounts).....		✓
BAYFLTR101C .....	1-2" Filter Frame (requires one 18x25 filter which is not included) <sup>Ⓣ</sup> .....	6.....	2-3
BAYFLTR201C .....	1-2" Filter Frame (requires one 18x20 and one 18x18 filter which are not included) <sup>Ⓣ</sup> <sup>Ⓣ</sup> .....	6.....	3½-5
BAYLIFT002B .....	Lifting Lug Kit.....	5.....	✓
BAYLOAM011A ...	Evaporator Defrost Control Kit.....		✓
BAYLOAM105A ...	Low Ambient Control Kit.....	5.....	✓
BAYOSAH001A....	Manual Fresh Air Damper <sup>①</sup> .....	6.....	2-3
BAYOSAH002A....	Manual Fresh Air Damper <sup>①</sup> .....	8.....	3½-5
BAYQSTK300A ....	Start Kit (not factory installed).....		✓
BAYSQRD001B....	16" Round Duct Adapter <sup>Ⓣ</sup> .....	5.....	2-3
BAYSQRD002B....	18" Round Duct Adapter <sup>Ⓣ</sup> .....	3.....	2-5
BAYUTIL101B .....	Roof Curb Utility Extension Kit.....		2-3
BAYUTIL102B .....	Roof Curb Utility Extension Kit.....		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.

Ⓣ Temperature of mixed air entering the heat exchanger is monitored and fresh air intake may be reduced under certain conditions.

Ⓣ BAYACCDOR1A requires BAYFLTR101B & BAYACCDOR2A requires BAYFLTR201B. They are not backward compatible to BAYFLTR101/201A.

Ⓣ 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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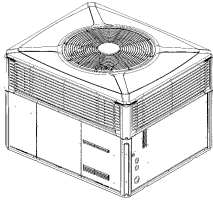


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# Packaged Hybrid/Dual Fuel Convertible 2-5 Tons



**4DCZ5**  
**15.0 SEER2**  
**1-Phase**

**Table PK-4-A — 4DCZ5 - Platinum 15 - Convertible Packaged Dual Fuel - R-410A**

Model Number	Cooling Capacity (BTUH)	Gas Capacity Heating Output	SEER2/EER2	HSPF2	AFUE(%)	Shipping Weight	MCA	Max Fuse	Sound Rating	Shipping Dimensions (in.) H x D x W
<b>4DCZ5 – 208-230/1/60</b>										
4DCZ5024E1060A	23,800	22,800	15.00/11.00	7.25	81.0	488	19.5	30	67	48 x 45 x 52
4DCZ5036E1070A	35,200	31,000	15.00/11.00	6.70	81.0	488	24.3	35	70	48 x 45 x 52
4DCZ5048E1090A	47,500	43,000	15.00/11.00	6.70	81.0	665	34.2	50	72	52 x 47 x 62
4DCZ5060E1115A	56,500	55,500	14.56/11.0	7.45	81.0	676	42.0	60	74	52 x 47 x 62

For dimensional/outline drawings, please refer to Product Data.

For information on Roof Curbs, please refer to the Accessories/Information Tab.

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

# Packaged Hybrid/Dual Fuel Convertible 2-5 Tons

Table PK-2-A — Features 2-5	4DCZ5 2-5
• SEER2 up to.....	15.0
• HSPF2 up to.....	7.45
• Exclusive <b>Duration™</b> high efficiency compressor with internal overload protection.....	✓
• Factory supplied charge.....	R-410A
• Composite <b>Vortica®</b> indoor blower**.....	✓
• Direct drive, variable speed ECM blower motor.....	✓
• All aluminum <b>Spine Fin™</b> outdoor coil.....	✓
• Swept-blade outdoor fan for quiet operation.....	✓
• Architecturally integrated louvers and corner guards.....	✓
• Polyslate gray cabinet.....	✓
• Stainless steel heat exchanger and burners.....	✓
• Two stage heating & cooling.....	✓
• 2-stage gas.....	✓
• High pressure cutout.....	✓
• Low pressure cutout.....	✓
• Liquid line drier - factory installed.....	✓
• Non-bleed expansion valves on indoor and outdoor coils.....	✓
• Pressure taps, including liquid line taps, easily accessed and protected inside compressor compartment.....	✓
• Right side electrical service access for high and low voltage connections.....	✓
• Rugged steel basepan features deep drawn duct connections.....	✓
• Steeply sloped composite drainpan.....	✓
• Ships in horizontal configuration and converts quickly for downflow.....	✓
• Copper tube, aluminum fin indoor coil.....	✓
• All models are certified to UL 1995.....	✓
• <b>20-year heat exchanger, 12-year compressor, 10-year coils, &amp; 10-year all other functional parts limited warranty with registration† (Residential use)</b> .....	✓
• <b>Extended Warranties Available</b> .....	✓

\*\* Constant airflow ECM (electronica)

† Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at [americanstandardair.com](http://americanstandardair.com) or by phone at 855-260-2975, otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on [americanstandardair.com](http://americanstandardair.com). Ask your dealer for full warranty information at time of purchase. Warranties are for residential and multi-family use only, some exclusions may apply.

**For dimensional/outline drawings, please refer to Product Data.  
 For information on Roof Curbs, please refer to the Accessories/Information Tab.**

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



# Packaged Hybrid/Dual Fuel Convertible 2-5 Tons

**Table PK-6-A — Accessories**

Model Number	Description	Shipping Weight	4DC25 2-5
BAYACCDOR1A.....	Hinged Filter Access Door ①.....		2-3
BAYACCDOR2A.....	Hinged Filter Access Door ①.....		4-5
BAYACCEADP1A.....	Adaptor Kit for Installation of AccuClean™ and 5" Media Filter (Horizontal) ①.....	10	2-3
BAYACCEADP2A.....	Adaptor Kit for Installation of AccuClean™ and 5" Media Filter (Horizontal) ①.....	12	4-5
BAYADAP050A.....	Adapter Curb (Cabinet A/B).....		2-3
BAYADAP051A.....	Adapter Curb (Cabinet C).....		2-3
BAYADAP052A.....	Adapter Curb (Cabinet A/B).....		4-5
BAYADAP053A.....	Adapter Curb (Cabinet C).....		4-5
BAYADAP054A.....	Adapter Curb (Cabinet D).....		4-5
BAYASCT001.....	Anti-Short Cycle Timer ②.....		✓
BAYCCHT102A.....	Crankcase Heater (230V) (Scroll).....		4-5
BAYCCHT103A.....	Crankcase Heater (230V) (Scroll).....		2-3
BAYCCHT404B.....	Crankcase Heater (460V) (Scroll).....		4-5
BATCCHT405A.....	Crankcase Heater (460V) (Scroll).....		2-3
BAYCOVR112A.....	12" Duct Shroud (Covers Horizontal Ducts) ③.....		2-5
BAYCOVR118A.....	18" Duct Shroud (Covers Horizontal Ducts) ③.....		2-5
BAYCURB050A.....	Flat Roof Full Perimeter Curb (Insulated).....	74	2-3
BAYCURB051A.....	Flat Roof Full Perimeter Curb (Insulated).....	74	4-5
BAYDMPR101A.....	2-Position Motorized Damper ②⑦⑧⑨⑩.....		2-3
BAYDMPR102A.....	2-Position Motorized Damper ②⑦⑧⑨⑩.....		4-5
BAYECON101A.....	Economizer with Barometric Relief (Downflow) ①②③④⑤⑥.....		-
BAYECON102A.....	Economizer with Barometric Relief (Downflow) ①②③④⑤⑥.....		-
BAYECON103A.....	Economizer with Barometric Relief (Downflow) ①②③④⑤⑥.....	50	2-3
BAYECON104A.....	Economizer with Barometric Relief (Downflow) ①②③④⑤⑥.....	65	4-5
BAYECON200A.....	Economizer (Horizontal) ①②③④⑦.....		-
BAYECON201A.....	Economizer (Horizontal) ①②③④⑦.....		-
BAYECON203A.....	Economizer (Horizontal) ①②③④⑦.....	85	2-3
BAYECON204A.....	Economizer (Horizontal) ①②③④⑦.....	85	4-5
BAYENTH001A.....	Enthalpy Control Kit ③.....	2	✓
BAYEXMK001A.....	Extreme Conditions Mounting Kit.....		✓
BAYEXMK002B.....	Extreme Conditions Mounting Kit.....		✓
BAYEXMK003A.....	Extreme Conditions Mounting Kit (Used on Slab Mounts).....		✓
BAYFLTR101C.....	1-2" Filter Frame ② -Requires one 18x25 filter (not included).....	6	2-3
BAYFLTR201C.....	1-2" Filter Frame ② ③ - Requires one 18x20 and one 18x18 (not included).....	6	4-5
BAYLIFT002B.....	Lifting Lug Kit.....	5	✓
BAYLOAM105A.....	Low Ambient Control Kit.....	5	✓
BAYRLAY004A.....	Economizer Relay ①.....		-
BAYRLAY006A.....	Economizer Relay ①.....	1	✓
BAYOSAC001B.....	Outside Air Control for V.S. Economizer ②.....		2-5
BAYOSAH001A.....	Manual Fresh Air Damper ②.....	6	2-3
BAYOSAH002A.....	Manual Fresh Air Damper ②.....	8	4-5
BAYQSTK300A.....	Start Kit (not factory installed).....		✓
BAYSQRD001B.....	16" Round Duct Adapter ⑤.....	5	2-3
BAYSQRD002B.....	18" Round Duct Adapter ⑤.....	3	4-5
BAYUTIL101B.....	Roof Curb Extension Kit.....		2-3
BAYUTIL102B.....	Roof Curb Extension Kit.....		4-5

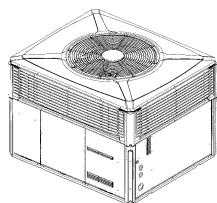
- ① Relay required with economizer on all heat pump applications
- ② Must use filter frame when economizer/fresh air kit is used.
- ③ Dry bulb control standard with economizer.
- ④ 2-Stage cooling control required when using economizer.
- ⑤ It is the responsibility of the installing dealer to properly 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 BAYOASH001/002 is not compatible with BAYACCDOR1A or BAYACCDOR2A.
- ⑭ When using a BAYACCDOR2A, two 18x20 filters are required.
- ⑮ Do not use with electronic thermostats.

EXISTING CURB	NEW UNIT 4DC**	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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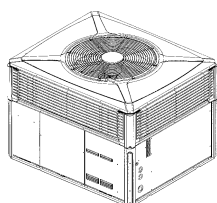
# Packaged Heat Pump Convertible 2-5 Tons



**4WCZ6**  
**16.0 SEER**  
**3-Phase**

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

Model Number	Capacity (BTUH)	SEER	EER High/Low	HSPF	Shipping Weight	MCA	Max Fuse	Sound Rating	Uncrated Dimensions (in.) H x D x W
<b>4WCZ6 – 208-230/3/60</b>									
4WCZ6036B3000A	36,000	16.00	12.20/17.45	8.30	468	19.7	30	70	38 x 42 x 49
4WCZ6048B3000A	47,500	16.00	12.00/17.50	8.50	607	25.2	35	72	42 x 45 x 59
4WCZ6060B3000A	57,000	15.00	11.50/15.90	8.30	623	30.0	45	74	42 x 45 x 59
<b>4WCZ6 – 460/3/60</b>									
4WCZ6036B4000A	36,000	16.00	12.20/17.45	8.30	468	11.9	15	70	38 x 42 x 49
4WCZ6048B4000A	47,500	16.00	12.00/17.50	8.50	607	15.3	20	72	42 x 45 x 59
4WCZ6060B4000A	57,000	15.00	11.50/15.90	8.30	623	17.0	20	74	42 x 45 x 59



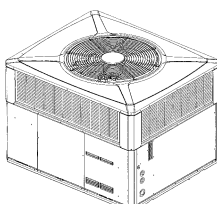
**4WCZ5**  
**15.0 SEER**  
**3-Phase**

**Table PK-7-B — 4WCZ5 - Gold 15 - Convertible Packaged Heat Pump - R-410A**

Model Number	Cooling Capacity (BTUH)	Heating Capacity (BTUH)	SEER2/EER2	HSPF2	Shipping Weight	MCA	Max Fuse	Sound Rating	Shipping Dimensions (in.) H x D x W
<b>4WCZ5 – 208-230/3/60</b>									
4WCZ25036E3000A	IN DEVELOPMENT PLANNED LAUNCH Q1 2023								
4WCZ25048E3000A	IN DEVELOPMENT PLANNED LAUNCH Q1 2023								
4WCZ25060E3000A	IN DEVELOPMENT PLANNED LAUNCH Q1 2023								
<b>4WCZ5 – 208-230/1/60</b>									
4WCZ5036E4000A	IN DEVELOPMENT PLANNED LAUNCH Q1 2023								
4WCZ5048E4000A	IN DEVELOPMENT PLANNED LAUNCH Q1 2023								
4WCZ5060E4000A	IN DEVELOPMENT PLANNED LAUNCH Q1 2023								

**4WCZ5**  
**15.0 SEER2**  
**1-Phase**

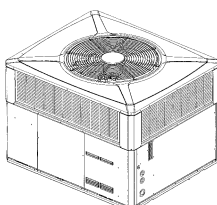
Model Number	Cooling Capacity (BTUH)	Heating Capacity (BTUH)	SEER2/EER2	HSPF2	Shipping Weight	MCA	Max Fuse	Sound Rating	Shipping Dimensions (in.) H x D x W
<b>4WCZ5 – 208-230/1/60</b>									
4WCZ5024E1000A	23,800	22,800	15.00/11.00	7.25	442	19.3	30	67	48 x 45 x 52
4WCZ5030E1000A	IN DEVELOPMENT PLANNED LAUNCH Q1 2023								
4WCZ5036E1000A	35,200	31,000	15.00/11.00	6.7	468	24.3	35	70	48 x 45 x 52
4WCZ5042E1000A	IN DEVELOPMENT PLANNED LAUNCH Q1 2023								
4WCZ5048E1000A	47,500	43,000	15.00/11.00	6.7	607	34.2	50	72	52 x 47 x 62
4TCC4060E1000A	56,500	55,500	14.65/11.00	7.45	623	42.0	60	74	52 x 47 x 62



**4WCY4**  
**14.0 SEER**  
**3-Phase**

**Table PK-7-C — 4WCY4 - Gold 14 - Convertible Packaged Heat Pump - R-410A**

Model Number	Capacity (BTUH)	SEER / EER	HSPF	Shipping Weight	MCA	Max Fuse	Sound Rating	Uncrated Dimensions (in.) H x D x W
<b>4WCY4 – 208-230/3/60</b>								
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



**4WCC4**  
**13.4 SEER2**  
**1-Phase**

**Table PK-7-D — 4WCC4 - Silver 13.4 (13.4 SEER2) - Convertible Packaged Heat Pump - R-410A**

Model Number	Cooling Capacity (BTUH)	Heating Capacity (BTUH)	SEER2 / EER2	HSPF2	Shipping Weight	MCA	Max Fuse	Sound Rating	Uncrated Dimensions (in.) H x D x W
<b>4WCC4 (13.4 SEER2) – 208-230/1/60</b>									
4WCC4024E1000A	23,800	23,200	13.40/11.00	7.0	401	20.6	30	66.4	46 x 45 x 52
4WCC4030E1000A	29,800	28,600	13.40/11.00	7.0	430	22.6	35	70.0	48 x 45 x 52
4WCC4036E1000A	35,200	34,400	13.40/11.00	7.0	439	24.4	40	69.4	48 x 45 x 52
4WCC4042E1000A	43,000	39,000	13.40/11.00	7.0	548	28.3	45	71.5	48 x 45 x 52
4WCC4048E1000A	47,000	45,000	13.40/11.00	7.0	529	31.9	50	72.5	50 x 47 x 62
4WCC4060E1000A	57,000	55,000	13.40/11.00	7.0	594	39.0	60	77.3	52 x 47 x 62

For dimensional/outline drawings, please refer to Product Data.  
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**American Standard<sup>®</sup>**  
HEATING & AIR CONDITIONING

# Packaged Heat Pump Convertible 2-5 Tons

**Table PK-8-A – Features**

	4WCZ6 3-5	4WCZ5 2-5	4WCY4 3-5	4WCC4 2-5
• SEER up to.....	16.00	—	14.25	—
• SEER2 up to .....	—	15.00	—	13.40
• HSPF up to.....	8.20	—	8.00	—
• HSPF2 up to .....	—	7.45	—	6.70
• 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 indoor blower motor** .....	✓	✓	✓	—
• All aluminum Spine Fin™ outdoor coil .....	✓	✓	✓	✓
• Swept-blade outdoor fan for quiet operation .....	✓	✓	✓	✓
• Architecturally integrated louvers.....	✓	✓	✓	—
• Polyslate gray cabinet.....	✓	✓	✓	✓
• Single stage heating & cooling.....	—	—	✓	✓
• Two stage heating & cooling.....	✓	✓	—	—
• 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 with registration† (Residential use).....	—	—	✓	✓
• 12-year compressor, 10-year outdoor coil, & 10-year all other functional parts limited warranty with registration† (Residential use).....	✓	✓	—	—
• Extended Warranties Available .....	✓	✓	✓	✓

\*Constant torque ECM (electronically commutated motor).

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

† Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at americanstandardair.com or by phone at 855-260-2975, otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on americanstandardair.com. Ask your dealer for full warranty information at time of purchase. Warranties are for residential and multi-family use only, some exclusions may apply.

**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	4WCZ5	4WCY4	4WCC4
			2-5	2-5	2-5	2-5
BAYACCDOR1A	Hinged Filter Access Door <sup>Ⓚ</sup>		3	2-3	3	2-3
BAYACCDOR2A	Hinged Filter Access Door <sup>Ⓚ</sup>		4-5	4-5	4-5	3½-5
BAYACCEADP1A	Adaptor Kit for Installation of AccuClean™ and 5" Media Filter (Horizontal) <sup>Ⓚ</sup>	10	3	2-3	3	2-3
BAYACCEADP2A	Adaptor Kit for Installation of AccuClean™ and 5" Media Filter (Horizontal) <sup>Ⓚ</sup>	12	4-5	4-5	4-5	3½-5
BAYADAP050A	Adapter Curb (Cabinet A/B)		3	2-3	3	2-3
BAYADAP051A	Adapter Curb (Cabinet C)		3	2-3	3	2-3
BAYADAP052A	Adapter Curb (Cabinet A/B)		4-5	4-5	4-5	3½-5
BAYADAP053A	Adapter Curb (Cabinet C)		4-5	4-5	4-5	3½-5
BAYADAP054A	Adapter Curb (Cabinet D)		4-5	4-5	4-5	3½-5
BAYASCT001	Anti-Short Cycle Timer <sup>Ⓚ</sup>		✓	✓	✓	✓
BAYCCHT102A	Crankcase Heater (230V) (Scroll)		4-5	4-5	4-5	3½-5
BAYCCHT103A	Crankcase Heater (230V) (Scroll)		3	2-3	3	2-3
BAYCCHT404B	Crankcase Heater (460V) (Scroll)		4-5	4-5	—	—
BAYCCHT405A	Crankcase Heater (460V) (Scroll)		3	3	—	—
BAYCOVR112A	12" Duct Shroud (Covers Horizontal Ducts) <sup>Ⓚ</sup>		3-5	2-5	3-5	2-5
BAYCOVR118A	18" Duct Shroud (Covers Horizontal Ducts) <sup>Ⓚ</sup>		3-5	2-5	3-5	2-5
BAYCURB050A	Flat Roof Full Perimeter Curb (Insulated)	74	3	2-3	3	2-3
BAYCURB051A	Flat Roof Full Perimeter Curb (Insulated)	74	3	—	4-5	3½-5
BAYDMPR101A	2-Position Motorized Damper <sup>Ⓚ</sup> ① ② ③ ④ ⑤ ⑥		4-5	2-3	3	2-3
BAYDMPR102A	2-Position Motorized Damper <sup>Ⓚ</sup> ② ⑦ ⑧ ⑨ ⑩		—	4-5	4-5	3½-5
BAYECON101A	Economizer with Barometric Relief (Downflow) <sup>Ⓚ</sup> ① ② ③ ④ ⑤ ⑥ ⑦		—	—	2-3	2-3
BAYECON102A	Economizer with Barometric Relief (Downflow) <sup>Ⓚ</sup> ① ② ③ ④ ⑤ ⑥ ⑦		3	—	4-5	3½-5
BAYECON103A	Economizer with Barometric Relief (Downflow) <sup>Ⓚ</sup> ② ③ ④ ⑤ ⑥ ⑦	50	4-5	2-3	—	—
BAYECON104A	Economizer with Barometric Relief (Downflow) <sup>Ⓚ</sup> ① ② ③ ④ ⑤ ⑥ ⑦	65	—	4-5	—	—
BAYECON200A	Economizer (Horizontal) <sup>Ⓚ</sup> ① ② ③ ④ ⑦		—	—	2-3	2-3
BAYECON201A	Economizer (Horizontal) <sup>Ⓚ</sup> ① ② ③ ④ ⑦		—	—	4-5	3½-5
BAYENTH001A	Enthalpy Control Kit <sup>Ⓚ</sup>	2	✓	✓	✓	✓
BAYEXMK001A	Extreme Conditions Mounting Kit		✓	✓	✓	✓
BAYEXMK002B	Extreme Conditions Mounting Kit		✓	✓	✓	✓
BAYEXMK003A	Extreme Conditions Mounting Kit (Used on Slab Mounts)		✓	✓	✓	✓
BAYFLTR101C	1-2" Filter Frame <sup>Ⓚ</sup> -Requires one 18x25 filter (not included)	6	3	2-3	3	2-3
BAYFLTR201C	1-2" Filter Frame <sup>Ⓚ</sup> ⑥ -Requires one 18x20, and one 18x18 filter (not included)	6	4-5"	4-5	4-5	3½-5
BAYLIFT002B	Lifting Lug Kit	5	✓	✓	✓	✓
BAYLOAM105A	Low Ambient Control Kit	5	—	—	✓	✓
BAYRLAY004A	Economizer Relay <sup>Ⓚ</sup>	1	✓	✓	—	—
BAYRLAY006A	Economizer Relay <sup>Ⓚ</sup>	1	4-5	2-5	—	3-5
BAYOSAC001B	Outside Air Control for V.S. Economizer <sup>Ⓚ</sup>		3	2-3	3	2-3
BAYOSAH001A	Manual Fresh Air Damper <sup>Ⓚ</sup>	6	4-5	4-5	4-5	3½-5
BAYOSAH002A	Manual Fresh Air Damper <sup>Ⓚ</sup>	8	✓	✓	✓	✓
BAYQSTK300A	Start Kit (not factory installed)		3	2-3	2-3	2-3
BAYSQRD001B	16" Round Duct Adapter <sup>Ⓚ</sup>	5	4-5	4-5	2-5	2-3
BAYSQRD002B	18" Round Duct Adapter <sup>Ⓚ</sup>	3	3-4	2-3	2-3	2-5
BAYUTIL101B	Roof Curb Extension Kit		4-5	4-5	4-5	2-3
BAYUTIL102B	Roof Curb Extension Kit		—	—	—	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.
- Ⓚ Temperature of mixed air entering the heat exchanger is monitored and fresh air intake may be reduced under certain conditions.
- Ⓚ BAYACCDOR1A requires BAYFLTR101B & BAYACCDOR2A requires BAYFLTR201B. They are not backward compatible to BAYFLTR101/201A.
- Ⓚ BAYOASH001/002 is not compatible with BAYACCDOR1A or BAYACCDOR2A
- Ⓚ When using a BAYACCDOR2A, two 18x20 filters are required

EXISTING CURB	NEW UNIT 4WC**A	USE BAYADAP**A
BAYCURB030,38A	024-036	50
BAYCURB030,38A	042-060	52
BAYCURB033A	024-036	51
BAYCURB033A	042-060	53
BAYCURB034A	042-060	54

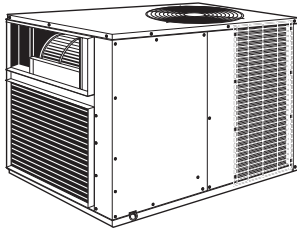
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HEATING &amp; AIR CONDITIONING

# Packaged Heat Pump Over/Under 2-3½ Tons



**4WHC4**  
**13.4 SEER2**  
**1-Phase**

- Duration<sup>®</sup> 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.
- Weather resistant Powder Paint
- Copper tube, aluminum plate fin coils
- Top discharge condensing fan
- Factory installed wrap-around coil guard
- Top access to supplementary heat
- 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<sup>†</sup> (Residential Use)
- Optional extended warranties

**Table PK-10-A – Silver 13.4 (13.4 SEER2) – Over/Under Horizontal Packaged Heat Pump – R-410A**

Model No.	Cooling Capacity (BTUH)	Heating Capacity (BTUH)	SEER2/EER2	HSPF2	Shipping Weight (lbs)	MCA*	Max Fuse*	Sound Rating	Shipping Dimensions (in.) H X D X W
4WHC4024B1000A	24,200	22,200	13.40/10.60	6.7	322	18.5	25	74.0	36 x 34 x 48
4WHC4030B1000A	29,400	26,600	13.40/10.60	6.7	322	20.9	30	74.0	36 x 34 x 48
4WHC4036B1000A	35,400	33,000	13.40/10.60	6.7	322	26.0	40	75.0	36 x 34 x 48
4WHC4042B1000A	39,000	35,800	13.40/10.60	6.7	353	29.7	45	75.0	36 x 34 x 48

Tons	Supply H x W	Return H x W
2 – 3½	8 <sup>3</sup> / <sub>8</sub> x 27 <sup>3</sup> / <sub>8</sub>	16 <sup>3</sup> / <sub>4</sub> x 27 <sup>3</sup> / <sub>8</sub>

Dimensions are in inches. See Outline Dimensions.

\* Information subject to change. Please confirm with current Product Data/Service Facts for current factory production. 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
BAYASCT00① ② ③	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.

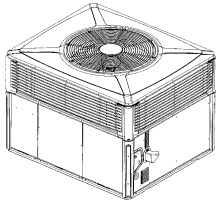
③ Activated on Power Off.

<sup>†</sup> Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at [americanstandardair.com](http://americanstandardair.com) or by phone at 855-260-2975, otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on [americanstandardair.com](http://americanstandardair.com). Ask your dealer for full warranty information at time of purchase. Warranties are for residential and multi-family use only, some exclusions may apply.

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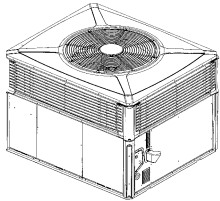
# Packaged Gas/Electric Convertible 2-5 Tons



**4YCZ6**  
**16.0 SEER**  
**3-Phase**

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

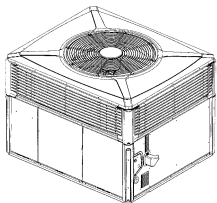
Model Number	Cooling Capacity (BTUH)	Heating Capacity Output (1 Stg./2 Stg.)	SEER	EER High/Low	AFUE (%)	Shipping Weight	MCA	Max Fuse	Sound Rating	Uncrated Dimensions (in.) H x D x W
<b>4YCZ6 – 208-230/1/60</b>										
4YCZ6036A3075C	35,600	45,000/60,000	16.60	12.00/13.60	80.0	488	19.7	30	70	38 x 42 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
<b>4YCZ6 – 460/3/60</b>										
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



**4YCZ5**  
**15.0 SEER2**  
**1-Phase**

**Table PK-11-B — 4YCZ5 - Gold 15 - Convertible Packaged Gas/Electric - R-410A**

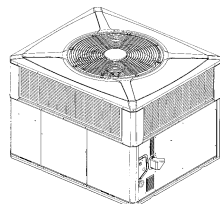
Model Number	Cooling Capacity (BTUH)	Gas Capacity Heating Output	SEER2/EER2	AFUE (%)	Shipping Weight	MCA	Max Fuse	Sound Rating	Shipping Dimensions (in.) H x D x W
<b>4YCZ5 – 208-230/1/60</b>									
4YCZ5024E1060	24,000	60,000	15.00/11.00	81.0	440	19.5	30	65.4	36 x 44 x 51
4YCZ5030E1**	IN DEVELOPMENT PLANNED LAUNCH Q1 2023								
4YCZ5036E1070	35,200	70,000	15.00/11.00	81.0	493	24.2	35	70.0	38 x 44 x 51
4YCZ5036E1090	35,200	90,000	15.00/11.00	81.0	498	24.2	35	70.0	38 x 44 x 51
4YCZ5042E1**	IN DEVELOPMENT PLANNED LAUNCH Q1 2023								
4YCZ5048E1090	47,500	90,000	15.00/11.00	81.0	659	34.1	50	71.0	42 x 44 x 51
4YCZ5048E1115	47,500	115,000	15.00/11.00	81.0	665	34.1	50	71.0	42 x 44 x 51
4YCZ5060E1060	57,500	60,000	15.00/10.90	81.0	676	38.0	60	73.0	42 x 44 x 51



**4YCY4**  
**14.0 SEER**  
**3-Phase**

**Table PK-11-C — 4YCY4 - Gold 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	Uncrated Dimensions (in.) H x D x W
<b>4YCY4 – 208-230/3/60</b>									
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



**4YCC4**  
**13.4 SEER2**  
**1-Phase**

**Table PK-11-D — 4YCC4 - Silver 13.4 (13.4 SEER2) - Convertible Packaged Gas/Electric - R-410A**

Model Number	Cooling Capacity (BTUH)	Gas Heating Capacity Input/Output	SEER2/EER2	AFUE (%)	Shipping Weight	MCA	Max Fuse	Sound Rating	Shipping Dimensions (in.) H x D x W
<b>4YCC4 – 208-230/1/60</b>									
4YCC4024E1060	23,200	60,000	13.40/11.00	81.0	432	16.7	25	66.6	46 x 45 x 52
4YCC4030E1070	28,000	70,000	13.40/11.00	81.0	451	20.8	30	70.0	48 x 45 x 52
4YCC4036E1070	36,400	70,000	13.40/11.00	81.0	438	26.2	40	69.3	48 x 45 x 52
4YCC4036E1090	36,400	90,000	13.40/11.00	81.0	453	26.2	40	69.3	48 x 45 x 52
4YCC4042E1060	39,500	60,000	13.40/11.00	81.0	555	28.3	45	74.6	46 x 47 x 62
4YCC4042E1090	39,500	90,000	13.40/11.00	81.0	561	28.3	45	74.6	46 x 47 x 62
4YCC4048E1070	46,000	70,000	13.40/11.00	81.0	552	31.8	50	72.5	50 x 47 x 62
4YCC4048E1090	46,000	90,000	13.40/11.00	81.0	557	31.8	50	72.5	50 x 47 x 62
4YCC4060E1090	57,000	90,000	13.40/11.00	81.0	580	39.1	60	73.1	50 x 47 x 62
4YCC4060E1115	57,000	115,000	13.40/11.00	81.0	586	39.1	60	73.1	50 x 47 x 62

For dimensional/outline drawings, please refer to Product Data.

For information on Roof Curbs, please refer to the Accessories/Information Tab.

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



# Packaged Gas/Electric Convertible 2-5 Tons

**Table PK-12-A — Features**

	4YCZ6 2-5	4YCY5 2-5	4YCY4 2-5	4YCC4 2-5
• SEER up to.....	16.60	—	14.30	—
• SEER2 up to.....	—	15.25	—	14.00
• Exclusive <b>Duration™</b> high efficiency compressor with internal overload protection.....	✓	✓	✓	✓
• Factory supplied charge.....	R-410A	R-410A	R-410A	R-410A
• Composite <b>Vortica®</b> indoor blower.....	✓	✓	✓	✓
• Direct drive, variable speed ECM blower motor**.....	✓	✓	✓	✓
• All aluminum <b>Spine Fin™</b> outdoor coil.....	✓	✓	✓	✓
• Swept-blade outdoor fan for quiet operation.....	✓	✓	✓	✓
• Architecturally integrated louvers and corner guards.....	✓	✓	✓	✓
• Polyslate gray cabinet.....	✓	✓	✓	✓
• Stainless steel heat exchanger and burners.....	✓	✓	✓	✓
• Single stage cool.....	—	—	✓	✓
• Single stage gas.....	—	—	—	✓
• 2-stage cooling.....	✓	✓	—	—
• 2-stage gas.....	✓	✓	✓	—
• 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.....	2	2	✓	2-4
• All aluminum indoor coil.....	✓	✓	✓	—
• All models are certified to ANSI Z21.47/CSA 2.3.....	✓	✓	—	—
• 20-year heat exchanger, 12-year compressor, 10-year coils, & 10-year all other functional parts limited warranty with registration† (Residential use).....	—	—	✓	✓
• 20-year heat exchanger, 10-year compressor, 10-year coils, & 10-year all other functional parts limited warranty with registration† (Residential use).....	✓	✓	—	—
• Extended warranties available.....	✓	✓	✓	✓

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

† Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at [americanstandardair.com](http://americanstandardair.com) or by phone at 855-260-2975, otherwise American Standard Heating & Air Conditioning's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on [americanstandardair.com](http://americanstandardair.com). Ask your dealer for full warranty information at time of purchase. Warranties are for residential and multi-family use only, some exclusions may apply.

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

**Table PK-13-A — Accessories**

Model Number	Description	Shipping Weight	4YCZ6	4YCZ5	4YCY4	4YCC4
			3-5	2-5	3-5	2-5
BAYACCDOR1A.....	Hinged Filter Access Door® .....		3	2-3	3	2-3
BAYACCDOR2A.....	Hinged Filter Access Door® .....		4-5	4-5	4-5	3½-5
BAYACCEADP1A.....	Adaptor Kit for Installation of AccuClean™ and 5" Media Filter (Horizontal)®.....	10	3	2-3	3	2-3
BAYACCEADP2A.....	Adaptor Kit for Installation of AccuClean™ and 5" Media Filter (Horizontal)®.....	12	4-5	4-5	4-5	3½-5
BAYADAP050A.....	Adapter Curb (Cabinet A/B) .....		3	2-3	3	2-3
BAYADAP051A.....	Adapter Curb (Cabinet C) .....		3	2-3	3	2-3
BAYADAP052A.....	Adapter Curb (Cabinet A/B) .....		4-5	4-5	4-5	3½-5
BAYADAP053A.....	Adapter Curb (Cabinet C) .....		4-5	4-5	4-5	3½-5
BAYADAP054A.....	Adapter Curb (Cabinet D) .....		4-5	4-5	4-5	3½-5
BAYASCT001.....	Anti-Short Cycle Timer③.....		✓	✓	✓	✓
BAYCCHT102A.....	Crankcase Heater (230v) (Scroll) .....		—	—	—	3½-5
BAYCCHT103A.....	Crankcase Heater (230V) (Scroll).....		3	2-3	3	2-3
BAYCCHT404B.....	Crankcase Heater (460v) (Scroll) .....		4-5	4-5	—	—
BAYCCHT405A.....	Crankcase Heater (460v) (Scroll) .....		3	3	—	—
BAYCOVR112A.....	12" Duct Shroud (Covers Horizontal Ducts)®.....		3-5	2-5	3-5	2-5
BAYCOVR118A.....	18" Duct Shroud (Covers Horizontal Ducts)®.....		3-5	2-5	3-5	2-5
BAYCURB050A.....	Flat Roof Full Perimeter Curb (Insulated) .....	74	3	3	3	2-3
BAYCURB051A.....	Flat Roof Full Perimeter Curb (Insulated) .....	74	4-5	4-5	4-5	3½-5
BAYDMPR101A.....	Motorized Fresh Air Damper① ⑦ ⑧ ⑨ ⑩.....		3	2-3	3	2-3
BAYDMPR102A.....	Motorized Fresh Air Damper① ⑦ ⑧ ⑨ ⑩.....		4-5	4-5	4-5	3½-5
BAYECON101A.....	Economizer with Barometric Relief (Downflow)① ② ③ ④ ⑤.....	50	—	—	3	2-3
BAYECON102A.....	Economizer with Barometric Relief (Downflow)① ② ③ ④ ⑤.....	65	—	—	4-5	3½-5
BAYECON103A.....	Economizer with Barometric Relief (Downflow)① ② ③ ④ ⑤.....		3	2-3	—	—
BAYECON104A.....	Economizer with Barometric Relief (Downflow)① ② ③ ④ ⑤.....		4-5	4-5	—	—
BAYECON200A.....	Economizer (Horizontal)② ③ ⑦.....	85	—	—	3	2-3
BAYECON201A.....	Economizer (Horizontal)② ③ ⑦.....	85	—	—	4-5	3½-5
BAYECON203A.....	Economizer (Horizontal)② ③ ⑦.....		3	2-3	—	—
BAYECON204A.....	Economizer (Horizontal)② ③ ⑦.....		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	3	2-3	3	2-3
BAYFLTR201C.....	1-2" Filter Frame1 r -Requires one 18x20, and one 18x18 filter (not inc) .....	6	4-5	4-5	4-5	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. Economizere .....		3-5	3,4,5	—	—
BAYOSAH001A.....	Manual Fresh Air Damper①.....	6	3	2-3	3	2-3
BAYOSAH002A.....	Manual Fresh Air Damper①.....	8	4-5	4-5	4-5	3½-5
BAYQSTK301A.....	Start Kit (not factory installed).....		✓	✓	—	✓
BAYSQRD001B.....	16" Round Duct Adapter® .....	5	3-5	2-3	3-5	2-3
BAYSQRD002B.....	18" Round Duct Adapter® .....	3	3-5	4-5	3-5	2-5
BAYUTIL101B.....	Roof Curb Utility Extension Kit .....		3	2-3	3	2-3
BAYUTIL102B.....	Roof Curb Utility Extension Kit .....		4-5	4-5	4-5	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 BAYOASH001/002 is not compatible with BAYACCDOR1A or BAYACCDOR2A
- ⑭ When using a BAYACCDOR2A, two 18x20 filters are required

EXISTING CURB	NEW UNIT 4YC**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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BUILT TO A HIGHER STANDARD<sup>®</sup>

**American Standard**<sup>®</sup>  
HEATING & AIR CONDITIONING

## Single Power Entry Kits Packaged Convertible 2-5 Tons

	SINGLE POWER ENTRY KIT	HEATER	4TCC4	4WCC4	4WCZ6
1-Phase (208-230v)	BAYSPEK060	BAYHTRV105	2-5	2-3.5	2-3
		BAYHTRV108	2-5	—	—
		BAYHTRV110	2-4	—	—
	BAYSPEK062	BAYHTRV105	—	4-5	4-5
		BAYHTRV108	—	2-5	2-5
		BAYHTRV110	5	2-5	2-5
	BAYSPEK063	BAYHTRV115	2.5-5	2.5-5	3-5
		BAYHTRV120	4-5	3.5-5	4-5

	SINGLE POWER ENTRY KIT	HEATER	4WCY4	4WCZ5*	4WCZ6
3-Phase (208-230v)	BAYSPEK064	BAYHTRV315	3-5	3-5	3-5
		BAYHTRV320	4-5	4-5	4-5
	BAYSPEK065	BAYHTRV310	5	5	5
	BAYSPEK061	BAYHTRV305	3-5	3-5	3-5
		BAYHTRV308	3-5	3-5	3-5
		BAYHTRV310	3-4	3-4	3-4
		BAYHTRV315	—	—	—
	BAYSPEK061	BAYHTRV405	—	3-5	3-5
		BAYHTRV408	—	3-5	3-5
		BAYHTRV410	—	3-5	3-5
		BAYHTRV415	—	3-5	3-5
		BAYHTRV420	—	4-5	4-5

\* 15 SEER2 launching in January 2023

**For dimensional/outline drawings, please refer to Product Data.**

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# Supplemental Heater Table Packaged Convertible 2-5 Tons

1-PHASE (208-230v) Model Number	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
4TCC4024E1	Y	Y	Y	-	-	-
4TCC4030E1	Y	Y	Y	Y	-	-
4TCC4036E1	Y	Y	Y	Y	-	-
4TCC4042E1	Y	Y	Y	Y	Y	Y
4TCC4048E1	Y	Y	Y	Y	Y	Y
4TCC4060E1	Y	Y	Y	Y	Y	Y
4WCC4024E1	Y	Y	Y	-	-	-
4WCC4030E1	Y	Y	Y	Y	-	-
4WCC4036E1	Y	Y	Y	Y	-	-
4WCC4042E1	Y	Y	Y	Y	-	-
4WCC4048E1	Y	Y	Y	Y	Y	-
4WCC4060E1	Y	Y	Y	Y	Y	Y
4WCZ5024E1	Y	Y	Y	-	-	-
4WCZ5030E1	IN DEVELOPMENT: Available January 2023					
4WCZ5036E1	Y	Y	Y	Y	-	-
4WCZ5042E1	IN DEVELOPMENT: Available January 2023					
4WCZ5048E1	Y	Y	Y	Y	Y	-
4WCZ5060E1	Y	Y	Y	Y	Y	Y

Note: 4WCZ5030A1\* and 4WCZ5042A1 in development for a Q1 2023 launch

3-PHASE (208-230v) Model Number	BAYHTRV305 3.76/5.0 kW	BAYHTRV308 6.0/8.0 kW	BAYHTRV310 7.50/10.0 kW	BAYHTRV315 11.27/15.0 kW	BAYHTRV320 15.00/20.0 kW	BAYHTRV325 18.78/25.0 kW
4WCY4036A3	Y	Y	Y	Y	-	-
4WCY4048A3	Y	Y	Y	Y	Y	Y
4WCY4060B3	Y	Y	Y	Y	Y	Y
4WCZ5036E3	IN DEVELOPMENT: Available January 2023					
4WCZ5048E3	IN DEVELOPMENT: Available January 2023					
4WCZ5060E3	IN DEVELOPMENT: Available January 2023					
4WCZ6036B3	Y	Y	Y	Y	-	-
4WCZ6048B3	Y	Y	Y	Y	Y	Y
4WCZ6060B3	Y	Y	Y	Y	Y	Y

Note: 4WCZ50\*\*\*3 family in development for a Q1 2023 launch

3-PHASE (460v) Model Number	BAYHTRV405 3.76/5.0 kW	BAYHTRV408 6.0/8.0 kW	BAYHTRV410 7.50/10.0 kW	BAYHTRV415 11.27/15.0 kW	BAYHTRV420 15.00/20.0 kW	BAYHTRV425 18.78/25.0 kW
4WCZ5036E4	IN DEVELOPMENT: Available January 2023					
4WCZ5048E4	IN DEVELOPMENT: Available January 2023					
4WCZ5060E4	IN DEVELOPMENT: Available January 2023					
4WCZ6036B4	Y	Y	Y	Y	-	-
4WCZ6048B4	Y	Y	Y	Y	Y	Y
4WCZ6060B4	Y	Y	Y	Y	Y	Y

Note: 4WCZ50\*\*\*4 family in development for a Q1 2023 launch

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 installation instructions and warranty information,  
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# Model Nomenclature

**AMERISTAR**  
BY AMERICAN STANDARD HEATING & AIR

### AC and HP

Brand \_\_\_\_\_  
 A = Ameristar by American Standard  
 E = Ameristar  
 Refrigerant Type \_\_\_\_\_  
 4 = R410A  
 Product Family \_\_\_\_\_  
 AC = Air Conditioner  
 HP = Heat Pump  
 HL = Side Discharge  
 Nominal Efficiency Rating \_\_\_\_\_  
 3 = 13.4 SEER2  
 4 = 14.3 SEER2  
 5 = 15.2 SEER2  
 Nominal Capacity \_\_\_\_\_  
 BTU/Hour x 1000  
 Major Development 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"

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

**AMERISTAR**  
BY AMERICAN STANDARD HEATING & AIR

### 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

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

**AMERISTAR**  
BY AMERICAN STANDARD HEATING & AIR

### Air Handler

Brand \_\_\_\_\_  
 A = Ameristar by American Standard  
 E = Ameristar  
 Refrigerant Type \_\_\_\_\_  
 4 = R410A  
 Product Family \_\_\_\_\_  
 AH = Air Handler Unit  
 Nominal Efficiency Rating \_\_\_\_\_  
 4 = 14.3 SEER2  
 5 = 15.2 SEER2  
 Blower Type \_\_\_\_\_  
 P = PSC  
 V = Variable Speed  
 E = Constant Torque ECM  
 Nominal Capacity \_\_\_\_\_  
 BTU/HOUR x 1000  
 Major Development 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" J = 21"  
 C = 23.5" K = 24.5"  
 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

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

**AMERISTAR**  
BY AMERICAN STANDARD HEATING & AIR

### Air Handler - TMM

Brand \_\_\_\_\_  
 T = Ameristar  
 Product Type \_\_\_\_\_  
 E = Metal Cabinet  
 M = Metal Over Hot Water Heater  
 Convertability \_\_\_\_\_  
 M = Multi-prise 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 \_\_\_\_\_

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

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

# Model Nomenclature



A 4 M X B 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



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
- Cooling Capacity \_\_\_\_\_  
Capacity (100K BTU/h)
- 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

Ameristar® Model Nomenclature

# Split System Cooling Single Phase – 1½-5 Tons



**A4AC3**  
Air Conditioner

**Table AMSC-1-A – 13.4 SEER2 Split System Air Conditioner**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					OD Gas	OD Liq.
A4AC3018D1000A	208/230/1/60	18,000	28.625	23.625	23.625	152	74	12.0	20	3/4	3/8
A4AC3023D1000A	208/230/1/60	24,000	32.625	23.625	23.625	152	75	14.0	20	3/4	3/8
A4AC3024D1000A	208/230/1/60	24,000	28.625	25.625	25.625	158	74	14.0	20	3/4	3/8
A4AC3030D1000A	208/230/1/60	30,000	28.625	29.75	29.75	179	75	16.0	25	3/4	3/8
A4AC3035D1000A	208/230/1/60	36,000	28.625	29.75	29.75	177	71	16.0	30	3/4	3/8
A4AC3036D1000A	208/230/1/60	36,000	32.625	29.75	29.75	185	71	16.0	30	3/4	3/8
A4AC3042D1000A	208/230/1/60	42,000	28.625	34.25	34.25	223	76	22.0	35	7/8	3/8
A4AC3048D1000A	208/230/1/60	48,000	28.625	34.25	34.25	223	76	24.0	40	7/8	3/8
A4AC3060D1000A	208/230/1/60	54,000	36.625	34.25	34.25	251	76	31.0	50	7/8	3/8



**A4AC4**  
Air Conditioner

**Table AMSC-1-B – 14.3 SEER2 Split System Air Conditioner**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					OD Gas	OD Liq.
A4AC4018D1000A	208/230/1/60	18,000	28.625	25.625	25.625	158	74	14.0	20	3/4	3/8
A4AC4023D1000B	208/230/1/60	24,000	28.625	25.625	25.625	158	74	14.0	20	3/4	3/8
A4AC4024D1000A	208/230/1/60	24,000	28.625	29.75	29.75	175	73	13.0	20	3/4	3/8
A4AC4029D1000A	208/230/1/60	30,000	32.625	29.75	29.75	185	71	16.0	25	3/4	3/8
A4AC4030D1000A	208/230/1/60	30,000	36.625	29.75	29.75	220	73	17.0	25	3/4	3/8
A4AC4036D1000A	208/230/1/60	36,000	32.625	29.75	29.75	185	71	16.0	30	3/4	3/8
A4AC4042D1000A	208/230/1/60	42,000	36.625	34.25	34.25	246	71	20.0	35	7/8	3/8
A4AC4048D1000A	208/230/1/60	48,000	44.625	34.25	34.25	306	72	24.0	40	7/8	3/8
A4AC4060D1000A	208/230/1/60	54,000	44.625	34.25	34.25	306	71	28.0	50	7/8	3/8



**A4AC5**  
Air Conditioner

**Table AMSC-1-C – 15.2 SEER2 Split System Air Conditioner**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					OD Gas	OD Liq.
A4AC5018D1000A	208/230/1/60	18,000	28.625	29.75	29.75	167	74	12.0	20	3/4	3/8
A4AC5024D1000A	208/230/1/60	24,000	28.625	29.75	29.75	175	73	13.0	25	3/4	3/8
A4AC5030D1000A	208/230/1/60	30,000	36.625	29.75	29.75	220	73	17.0	25	3/4	3/8
A4AC5036D1000A	208/230/1/60	36,000	36.625	34.25	34.25	246	71	18.0	30	3/4	3/8
A4AC5042D1000A	208/230/1/60	42,000	36.625	34.25	34.25	246	71	20.0	35	7/8	3/8
A4AC5048D1000A	208/230/1/60	48,000	44.625	34.25	34.25	306	72	24.0	40	7/8	3/8
A4AC5060D1000A	208/230/1/60	60,000	44.625	34.25	34.25	306	71	28.0	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: A4AC3023D1000A or A4AC4029D1000A

\* 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 AMSC-2-A – Features**

	A4AC3	A4AC4	A4AC5
• SEER2 up to .....	13.40	14.80	15.20
• 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.....	✓	✓	✓

\* Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at [ameristarhvac.com](http://ameristarhvac.com) or by phone at 855-260-2975, otherwise Ameristar's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on [ASDealerNet.com](http://ASDealerNet.com).

\*\* This product is rated as SEER2 to align with the 2023 Department of Energy regulations.

**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

Ameristar<sup>®</sup>  
Split System Cooling



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



**A4HP4  
Heat Pump**

**Table AMSH-1-A – 14.3 SEER2 Split System Heat Pump**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					OD Gas	OD Liq.
A4HP4018D1000A	208/230/1/60	18,000	32.625	29.75	29.75	196	75	15	20	3/4	3/8
A4HP4024D1000A	208/230/1/60	24,000	32.625	29.75	29.75	196	75	15	20	3/4	3/8
A4HP4030D1000A	208/230/1/60	30,000	28.625	29.75	29.75	187	75	15	25	3/4	3/8
A4HP4036D1000A	208/230/1/60	36,000	36.625	34.25	34.25	246	70	18	30	7/8	3/8
A4HP4042D1000A	208/230/1/60	42,000	44.625	34.25	34.25	277	72	24	35	7/8	3/8
A4HP4048D1000A	208/230/1/60	48,000	44.625	34.25	34.25	300	72	26	40	7/8	3/8
A4HP4060D1000A	208/230/1/60	54,000	44.625	34.25	34.25	300	72	32	50	7/8	3/8



**A4HP5  
Heat Pump**

**Table AMSH-1-B – 15.2 SEER2 Split System Heat Pump**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					OD Gas	OD Liq.
A4HP5018D1000A	208/230/1/60	18,000	32.625	29.75	29.75	196	75	15	20	3/4	3/8
A4HP5024D1000A	208/230/1/60	24,000	32.625	29.75	29.75	196	75	15	25	3/4	3/8
A4HP5030D1000A	208/230/1/60	30,000	28.625	29.75	29.75	187	75	15	25	3/4	3/8
A4HP5036D1000A	208/230/1/60	36,000	36.625	34.25	34.25	246	70	18	30	3/4	3/8
A4HP5042D1000A	208/230/1/60	42,000	44.625	34.25	34.25	277	72	24	35	7/8	3/8
A4HP5048D1000A	208/230/1/60	48,000	44.625	34.25	34.25	300	72	26	40	7/8	3/8
A4HP5060D1000A	208/230/1/60	54,000	44.625	34.25	34.25	300	72	32	45	7/8	3/8

**COMING SOON – Q2 2023**



**E4HL5  
Heat Pump  
(Side Discharge)**

**Table AMSH-1-C – 15.2 SEER2 Split System Side Discharge Heat Pump**

Model Number	Power Supply	Nom. Cap. Cooling (BTUH)	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Sound** Rating	MCA*	Max. Fuse*	Line Size (in)	
			H	W	D					OD Gas	OD Liq.
E4HL5018A1000A	208/230/1/60	18,000	31.625	35.75	14.125	161	60	21.69	38.16	3/4	3/8
E4HL5024A1000A	208/230/1/60	24,000	31.625	35.75	14.125	161	60	21.69	38.16	3/4	3/8
E4HL5030A1000A	208/230/1/60	30,000	31.625	35.75	14.125	176	63	22.34	39.33	3/4	3/8
E4HL5036A1000A	208/230/1/60	34,000	31.625	35.75	14.125	176	63	22.34	39.33	3/4	3/8
E4HL5042A1000A	208/230/1/60	42,000	52.375	37.375	14.375	238	65	32.96	57	7/8	3/8
E4HL5048A1000A	208/230/1/60	48,000	52.375	37.375	14.375	238	65	32.96	57	7/8	3/8
E4HL5060A1000A	208/230/1/60	54,000	52.375	37.375	14.375	251	67	35.89	62.29	7/8	3/8

Note: The 3T and 5T E4HL models have a capacity switch to change down to 2T and 4T, respectively. Example: E4HL5036A1000A can be switched to 2ton prior to install. Additionally, each E4HL model includes a dip switch that can change from HP to AC only prior to install.

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

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

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

**Table AMSH-2-A – Features**

	A4HP4	A4HP5
• SEER2 up to .....	14.30	15.20
• HSFP2 up to .....	7.8	7.8
• 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.....	✓	✓

\* Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at ameristarvac.com or by phone at 855-260-2975, otherwise Ameristar's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.

**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

# Split System Air Handlers Single Phase 1½-5 Tons



**A4AH4**  
Multi-position  
Air Handlers

**Table AMAH-1-A — R-410A 14.3 SEER2 Multi-position Air Handlers 208-230/1/60**

Model Number	Capacity Range (Tons)	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Supply Opening	Return Opening	Refrigerant Control	Motor Desc.	Line Size (in)	
		H	W	D						Gas	Liquid
A4AH4E24A1B60A	1.5 - 3.0	45.02	18.50	21.13	116	12.15 x 16.50	18.75 x 16.75	FCCV	1/3 HP CTM	3/4	3/8
A4AH4E30A1B30A	1.5 - 3.0	46.77	18.50	21.13	145	12.15 x 16.50	18.75 x 16.75	TXV	1/3 HP CTM	3/4	3/8
A4AH4E36A1C30A	2.5 - 4.0	51.27	23.50	21.13	155	12.15 x 21.50	18.75 x 21.75	TXV	1/2 HP CTM	7/8	3/8
A4AH4E42B1C30A	3.0 - 4.0	51.27	23.50	21.13	155	12.15 x 21.50	18.75 x 21.75	TXV	1/2 HP CTM	7/8	3/8
A4AH4E48B1C30A	3.5 - 5.0	57.40	23.50	21.13	185	12.15 x 21.50	18.75 x 21.75	TXV	3/4 HP CTM	7/8	3/8
A4AH4E60B1C30A	3.5 - 5.0	57.40	23.50	21.13	185	12.15 x 21.50	18.75 x 21.75	TXV	3/4 HP CTM	7/8	3/8



**A4AH5**  
Multi-position  
Air Handlers

**Table AMAH-1-B — R-410A 15.2 SEER2 Multi-position Air Handlers 208-230/1/60**

Model Number	Capacity Range (Tons)	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Supply Opening	Return Opening	Refrigerant Control	Motor Desc.	Line Size (in)	
		H	W	D						Gas	Liquid
A4AH5E19A1B30A	1.0 - 2.0	45.20	18.50	21.13	116	12.15 x 16.50	18.75 x 16.75	TXV	1/3 HP CTM	3/4	3/8
A4AH5E31A1B30A	1.5 - 3.0	46.77	18.50	21.13	126	12.15 x 16.50	18.75 x 16.75	TXV	1/3 HP CTM	3/4	3/8
A4AH5E43A1C30A	3.0 - 4.0	51.27	23.50	21.13	145	12.15 x 21.50	18.75 x 21.75	TXV	1/2 HP CTM	7/8	3/8
A4AH5E49A1C30A	3.5 - 5.0	57.40	23.50	21.13	185	12.15 x 21.50	18.75 x 21.75	TXV	3/4 HP CTM	7/8	3/8
A4AH5E61A1C30A	3.5 - 5.0	57.40	23.50	21.13	185	12.15 x 21.50	18.75 x 21.75	TXV	3/4 HP CTM	7/8	3/8
A4AH5V24A1B30A	1.5 - 2.5	46.77	18.50	21.13	126	12.15 x 16.50	18.75 x 16.75	TXV	1/3 HP VS	7/8	3/8
A4AH5V30A1B30A	2.0 - 3.0	46.77	18.50	21.13	126	12.15 x 16.50	18.75 x 16.75	TXV	1/2 HP VS	3/4	3/8
A4AH5V36A1C30A	2.0 - 3.5	51.27	23.50	21.13	145	12.15 x 21.50	18.75 x 21.75	TXV	1/2 HP VS	3/4	3/8
A4AH5V42A1C30A	3.0 - 5.0	51.27	23.50	21.13	145	12.15 x 21.50	18.75 x 21.75	TXV	1/2 HP VS	7/8	3/8
A4AH5V48A1C30A	3.0 - 5.0	57.40	23.50	21.13	185	12.15 x 21.50	18.75 x 21.75	TXV	3/4 HP VS	7/8	3/8
A4AH5V60A1C30A	3.5 - 5.0	57.40	23.50	21.13	185	12.15 x 21.50	18.75 x 21.75	TXV	3/4 HP VS	7/8	3/8

**COMING SOON – Q2 2023**



**E4AH5**  
Upflow/Horizontal  
Air Handlers

**Table AMAH-1-C — R-410A 15.2 SEER2 Upflow/Horizontal Air Handlers 208-230/1/60 (Specific for E4HL OD)**

Model Number	Capacity Range (Tons)	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Supply Opening	Return Opening	Refrigerant Control	Motor Desc.	Line Size (in)	
		H	W	D						Gas	Liquid
E4AH5E24A1J30A	1.5 - 2.0	46.50	21.00	21.00	123	10.312 x 19.25	16 x 13.875	TXV	1/2 HP CTM	3/4	3/8
E4AH5E36A1J30A	2.5 - 3.0	46.00	21.00	21.00	154	10.312 x 19.25	16 x 13.875	TXV	1/2 HP CTM	3/4	3/8
E4AH5E48A1K30A	3.5 - 4.0	56.00	24.50	21.00	207	10.312 x 22.75	16 x 15.25	TXV	3/4 HP CTM	7/8	3/8
E4AH5E60A1K30A	5.0	56.00	24.50	21.00	212	10.312 x 22.75	16 x 15.25	TXV	3/4 HP CTM	7/8	3/8

Notes:  
Filter not supplied, remote filter required.  
E4AH models compatible ONLY with E4HL side discharge outdoor.  
Copper tube, aluminum fin design  
Electric heat kit available, reference installer's guide

# Split System Air Handlers

## Single Phase 1½-5 Tons

**Table AMAH-2-A – Features**

	A4AH4	A4AH5
• 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.....	2.0	—
• Factory installed R-410A Thermal Expansion Valve with mechanical connections on both sides.....	2.5-5.0	✓
• Optional field installed TXV kits with mechanical fittings for higher performance .....	2.0	—
• Constant Torque ECM Motor.....	✓	A4AH5E
• VSPD ECM Motor .....	—	A4AH5V
• 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 .....	✓	✓

\* Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at ameristarhvac.com or by phone at 855-260-2975, otherwise Ameristar's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.

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

Model Number	Description	Matches Cabinet Size(s)	A4AH4	A4AH5
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" .....	✓	✓
BAY4TXV1830A .....	R-410A TXV kit .....	.....	1½-2½/2	—
BAYATXV1836B .....	R-22 TXV conversion kit .....	.....	1½-2½/2	—
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.

# Heaters for Split System Air Handlers

**Table AMAH-3-A – BAYHTR15 – Heater, Standard, for A4AH4 and A4AH5 Air Handlers**

Heater Model Number	Capacity @ 240 Volts		Capacity @ 208 Volts		Rated Voltage	Control Stages	Number of Heater Racks	Number of Circuits	Heater Amps per Circuit		Contains Circuit Breakers
	kW	BTUH	kW	BTUH					208 Volts	240Volt	
BAYHTR1504BRKC	3.84	13100	2.88	9800	208/240/1/60	1	1	1	13.8	16	Yes
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 and A4AH5 Air Handlers**

Heater Model Number	Capacity @ 240 Volts		Capacity @ 208 Volts		Rated Voltage	Control Stages	Number of Heater Racks	Number of Circuits	Heater Amps per Circuit		Contains Circuit Breakers
	kW	BTUH	kW	BTUH					208 Volts	240Volt	
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 and A4AH5 Air Handler and Heater matches**

AIR HANDLER	HEATER MATRIX				
	HEATER MODEL NUMBER				
MODEL NUMBER	BAYHTR1504BRKC BAYHTR1504LUGB 3.84 Kw BK BAYHTR1505BRKC BAYHTR1505LUGB 4.80 Kw BK	BAYHTR1508BRKC BAYHTR1508LUGB 7.68 Kw BK BAYHTR1510BRKC BAYHTR1510LUGB BAYHTR3510LUGC 9.60 Kw BK	BAYHTR1517BRKA BAYHTR3517LUGA 14.40 Kw BK	BAYHTR1523BRKA 19.20 Kw BK	BAYHTR1525BRKA 24.00 Kw BK
A4AH4E24A1B60A	Y	Y	--	--	--
A4AH4E30A1B30A	Y	Y	Y	--	--
A4AH4E36A1C30A	Y	Y	Y	Y	--
A4AH4E42B1C30A	Y	Y	Y	Y	Y
A4AH4E48B1C30A	Y	Y	Y	Y	Y
A4AH4E60B1C30A	Y	Y	Y	Y	Y
A4AH5E19A1B30A	Y	Y			
A4AH5V24A1B30A	Y	Y	Y		
A4AH5V30A1B30A	Y	Y	Y		
A4AH5E31A1B30A	Y	Y	Y	Y	
A4AH5V36A1C30A	Y	Y	Y	Y	
A4AH5V42A1C30A	Y	Y	Y	Y	
A4AH5E43A1C30A	Y	Y	Y	Y	
A4AH5E49A1C30A	Y	Y	Y	Y	Y
A4AH5E61A1C30A	Y	Y	Y	Y	Y
A4AH5V48A1C30B	Y	Y	Y	Y	Y
A4AH5V60A1C30B	Y	Y	Y	Y	Y

# 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	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	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 .....	✓	✓

# TMM Wall, Stud, or Over the Water Heater Mount Air Handlers Single Phase 1 1/2-3 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.....	✓	✓
BAYFRTLLOUPL20.....	Front louver panel 20.5" width .....	—	✓
BAYFRTLLOUPL22.....	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		Capacity@ 208 Volts		Rated Voltage	Control Stages	Number of Heater Racks	Number of Circuits	Heater Amps per Circuit		Contains Circuit Breakers
	kW	BTUH	kW	BTUH					208 Volts	240Volt	
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

# 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.
4MXCA003AC6HCB	1.5 - 3.0	A	FCCV <sup>①</sup>	13 x 19	20 x 14.5 x 21	51	3/4	3/8
4MXCB004AC6HCB	1.5 - 3.0	A	FCCV <sup>①</sup>	16 x 19	20 x 17.5 x 21	55	3/4	3/8
4MXCC005AC6HCB	2.5 - 3.0	A	FCCV <sup>①</sup>	19 1/2 x 19	20 x 21 x 21	59	3/4	3/8
4MXCB006AC6HCB	3.0 - 4.0	A	FCCV <sup>①</sup>	16 x 19	26 x 17.5 x 21	66	7/8	3/8
4MXCC007AC6HCB	3.0 - 4.0	A	FCCV <sup>①</sup>	19 1/2 x 19	26 x 21 x 21	70	7/8	3/8
4MXCD008AC6HCB	3.5 - 4.0	A	FCCV <sup>①</sup>	23 x 19	26 x 24.5 x 21	74	7/8	3/8
4MXCC009AC3HCB	3.5 - 5.0	A	FCCV <sup>①</sup>	19 1/2 x 19	30 x 21 x 21	91	7/8	3/8
4MXCD010AC3HCB	3.5 - 5.0	A	FCCV <sup>①</sup>	23 x 19	30 x 24.5 x 21	95	7/8	3/8
4MXCB016AC6HCB <sup>②</sup>	3.0 - 4.0	A	FCCV <sup>①</sup>	16 x 19	30 x 17.5 x 21	82	7/8	3/8
4MXCC017AC6HCB <sup>②</sup>	3.0 - 4.0	A	FCCV <sup>①</sup>	19 1/2 x 19	30 x 21 x 21	88	7/8	3/8
4MXCD018AC6HCB <sup>②</sup>	3.5 - 4.0	A	FCCV <sup>①</sup>	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.

Will be transitioning to unpainted cabinet during 2022.

**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 registration* .....	✓
• <b>Commercial Applications: Limited Warranty Coil and Parts 1 year</b> .....	✓

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

\* Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at ameristarhvac.com or by phone at 855-260-2975, otherwise Ameristar's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.



# 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.

## 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 Number <sup>②</sup>	Input (BTUH)	AFUE	Flue Size (in.)	Ignition Device	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Max. Fuse*	Filter Sizes
						H	W	D			
A801X026AM2SCA	A801X026AM2TCA	26,000	80.0	4	①	34	14.5	28.75	102	15	14x25x1
A801X040BM2SCA	A801X040BM2TCA	40,000	80.0	4	①	34	14.5	28.75	102	15	14x25x1
A801X040AM3SCA	A801X040AM3TCA	40,000	80.0	4	①	34	17.5	28.75	128	15	16x25x1
A801X060BM4SCA	A801X060BM4TCA	60,000	80.0	4	①	34	17.5	28.75	132	15	16x25x1
A801X080BM4SCA	A801X080BM4TCA	80,000	80.0	4	①	34	17.5	28.75	137	15	16x25x1
A801X080CM5SCA	A801X080CM5TCA	80,000	80.0	4	①	34	21	28.75	142	15	20x25x1
A801X100CM5SCB	A801X100CM5TCB	100,000	80.0	4	①	34	21	28.75	144	15	20x25x1
A801X120DM5SCA	A801X120DM5TCA	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	A801X080CM5SCA <sup>①</sup> , A801X100CM5SCB <sup>①</sup>	2
BAYSWT15AHALTA	1 Switch	A801X060BM3SCA <sup>①</sup> , A801X060BM4SCA <sup>①</sup> , A801X080BM4SCA <sup>①</sup>	2
BAYSWT20AHALTA	1 Switch	A801X026AM2SCA <sup>①</sup>	2
BAYSWT21AHALTA	1 Switch	A801X040AM3SCA <sup>①</sup> , A801X040BM2SCA <sup>①</sup>	2

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

① SAC and TAC or later

# A801X - Single Stage, ECM

**Table AMFUR-2-A – Features**

	A801X
• AFUE .....	80.00
• 34" cabinet height .....	✓
• 4-Way Poise (Upflow, Downflow, Horizontal 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 .....	✓

\* Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at ameristarhvac.com or by phone at 855-260-2975, otherwise Ameristar's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.

**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**

## 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 AFUE <sup>②</sup>	Flue Size (in.)	Ignition Device	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Max. Fuse*	Filter Sizes
	1st Stage	2nd Stage				H	W	D			
A951X040BU3SAB	40,000		96.0 <sup>③</sup>	2, 3, 4	①	34	17.5	28.75	122	15	16x25x1
A951X060BU4SAB	60,000		96.0 <sup>③</sup>	2, 3, 4	①	34	17.5	28.75	130	15	16x25x1
A951X080BU4SAB	80,000		96.0 <sup>③</sup>	2, 3, 4	①	34	17.5	28.75	135	15	16x25x1
A951X080CU5SAB	80,000		96.0 <sup>③</sup>	2, 3, 4	①	34	21	28.75	149	15	20x25x1
A951X100CU5SAB	100,000		95.0 <sup>③</sup>	2, 3, 4	①	34	21	28.75	155	15	20x25x1
A951X120DU5SAB	120,000		95.0 <sup>③</sup>	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 AFUE <sup>②</sup>	Flue Size (in.)	Ignition Device	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Max. Fuse*	Filter Sizes
	1st Stage	2nd Stage				H	W	D			
A951X040BD3SAB	40,000		96.0 <sup>③</sup>	2, 3, 4	①	34	17.5	28.75	122	15	(2) 14x20x1
A951X060BD3SAB	60,000		96.0 <sup>③</sup>	2, 3, 4	①	34	17.5	28.75	127	15	(2) 14x20x1
A951X080BD4SAB	80,000		95.0 <sup>③</sup>	2, 3, 4	①	34	17.5	28.75	135	15	(2) 14x20x1
A951X100CD5SAB	100,000		96.0 <sup>③</sup>	2, 3, 4	①	34	21	28.75	155	15	(2) 16x20x1
A951X120DD5SAB	120,000		95.0 <sup>③</sup>	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<sup>®</sup>

## 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)		ICS AFUE <sup>②</sup>	Flue Size (in.)	Ignition Device	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Max. Fuse*	Filter Sizes
	1st Stage	2nd Stage				H	W	D			
A952V040BU3SAC	26,000	40,000	96.0 <sup>③</sup>	2, 3, 4	①	34	17.5	28.75	122	15	16x25x1
A952V060BU3SAC	39,000	60,000	96.0 <sup>③</sup>	2, 3, 4	①	34	17.5	28.75	127	15	16x25x1
A952V060BU4SAC	39,000	60,000	96.0 <sup>③</sup>	2, 3, 4	①	34	17.5	28.75	130	15	16x25x1
A952V080BU4SAC	52,000	80,000	96.0 <sup>③</sup>	2, 3, 4	①	34	17.5	28.75	135	15	16x25x1
A952V080CU5SAC	52,000	80,000	96.0 <sup>③</sup>	2, 3, 4	①	34	21	28.75	149	15	20x25x1
A952V100CU4SAC	65,000	100,000	96.0 <sup>③</sup>	2, 3, 4	①	34	21	28.75	154	15	20x25x1
A952V100CU5SAC	65,000	100,000	96.0 <sup>③</sup>	2, 3, 4	①	34	21	28.75	155	15	20x25x1
A952V120DU5SAC	78,000	120,000	96.0 <sup>③</sup>	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)		ICS AFUE <sup>②</sup>	Flue Size (in.)	Ignition Device	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Max. Fuse*	Filter Sizes
	1st Stage	2nd Stage				H	W	D			
A952V040BD3SAC	26,000	40,000	96.0 <sup>③</sup>	2, 3, 4	①	34	17.5	28.75	122	15	14x20x1
A952V060BD3SAC	39,000	60,000	96.0 <sup>③</sup>	2, 3, 4	①	34	17.5	28.75	127	15	14x20x1
A952V080BD4SAC	52,000	80,000	96.0 <sup>③</sup>	2, 3, 4	①	34	17.5	28.75	135	15	14x20x1
A952V100CD4SAC	65,000	100,000	96.0 <sup>③</sup>	2, 3, 4	①	34	21	28.75	154	15	16x20x1
A952V100CD5SAC	65,000	100,000	96.0 <sup>③</sup>	2, 3, 4	①	34	21	28.75	155	15	16x20x1
A952V120DD5SAC	78,000	120,000	96.0 <sup>③</sup>	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<sup>®</sup>

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

## 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, Horizontal 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 .....	✓	✓

\* Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at ameristarhvac.com or by phone at 855-260-2975, otherwise Ameristar's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.

# 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.

# Packaged Cooling Convertible 2-5 Tons



**4TCA4**

**Table AMPK-1-A — 13.4 SEER2 - 4TCA4 Convertible Packaged Cooling - R-410A**

Model Number	Cooling Capacity (BTUH) ①	SEER2/EER2	Shipping Weight (lbs.)	MCA ②	Max. Fuse	Sound Rating	Shipping Dimensions (in.)
<b>4TCA4 (13.4 SEER2) - 208-230/1/60</b>							
4TCA4024C1000A	23,000	13.40/10.60	364	17.0	25	77.0	41 x 37 x 62
4TCA4030C1000A	27,800	13.40/10.60	364	20.0	30	77.0	41 x 37 x 62
4TCA4036C1000A	35,000	13.40/10.60	380	26.0	40	79.0	41 x 37 x 62
4TCA4042C1000A	39,500	13.40/10.60	430	31.0	50	79.0	41 x 37 x 62
4TCA4048C1000A	45,500	13.40/10.60	530	32.0	50	79.0	46 x 37 x 62
4TCA4060C1000A	57,000	13.40/10.60	551	38.0	60	78.0	46 x 37 x 62

① Rated in accordance with AHRI Standard 210/240.

② Calculated in accordance with currently prevailing Nat'l Electrical Code.

# Packaged Cooling Convertible 2-5 Tons

**Table AMPK-2-A – Features**

	4TCA4
• SEER2 up to .....	13.40
• All-aluminum coil.....	2-4
• Copper Tube/Aluminum Fin indoor 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 with registration* (Residential Use).....	✓
• Extended warranties available.....	✓

\* Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at ameristarhvac.com or by phone at 855-260-2975, otherwise Ameristar's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.

**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
BAYHTR1V05LUGA	5 KW Heater	2-5
BAYHTR1V08LUGA	8 KW Heater	2-5
BAYHTR1V10LUGA	10 KW Heater	2-5
BAYHTR1V15BRKA	15 KW Heater	2.5-5
BAYHTR1V20BRKA	20 KW Heater	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.



# Packaged Heat Pump Convertible 2-5 Tons



**4WCA4  
1-Phase**

**Table AMPK-3-A — 13.4 SEER2 - 4WCA4 Convertible Packaged Heat Pump - R-410A**

Model Number	Cooling Capacity (BTUH)	Heating Capacity (BTUH)	SEER2/EER2	HSPF2	Shipping Weight (lbs.)	MCA	Max. Fuse	Sound Rating	Shipping Dimensions (in.)
<b>4WCA4 (13.4 SEER2) - 208-230/1/60</b>									
4WCA4024C1000A	23,600	23,000	13.40/10.60	6.7	455	22.0	35	75.6	41 x 37 x 62
4WCA4030C1000A	29,000	26,400	13.40/10.60	6.7	455	24.0	35	78.8	41 x 37 x 62
4WCA4036C1000A	34,200	30,200	13.40/10.60	6.7	475	25.0	35	79.3	41 x 37 x 62
4WCA4042C1000A	41,000	37,400	13.40/10.60	6.7	485	33.0	50	79.3	41 x 37 x 62
4WCA4048C1000A	46,500	44,500	13.40/10.60	6.7	505	35.0	50	78.7	46 x 37 x 62
4WCA4060C1000A	56,000	53,500	13.40/10.60	6.7	505	42.0	60	78.8	46 x 37 x 62

# Packaged Heat Pump Convertible 2-5 Tons

**Table AMPK-4-A – Features**

	4WCA4
• SEER2 up to .....	13.40
• 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 with registration* (Residential Use) .....	✓
• Extended warranties available .....	✓

\* Registered Limited Warranty terms are available when you register within 60 days of installation. You can register online at ameristarhvac.com or by phone at 855-260-2975, otherwise Ameristar's Base Limited Warranty terms will apply. Base Limited Warranty information on specific products can be found on ASDealerNet.com.

**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**

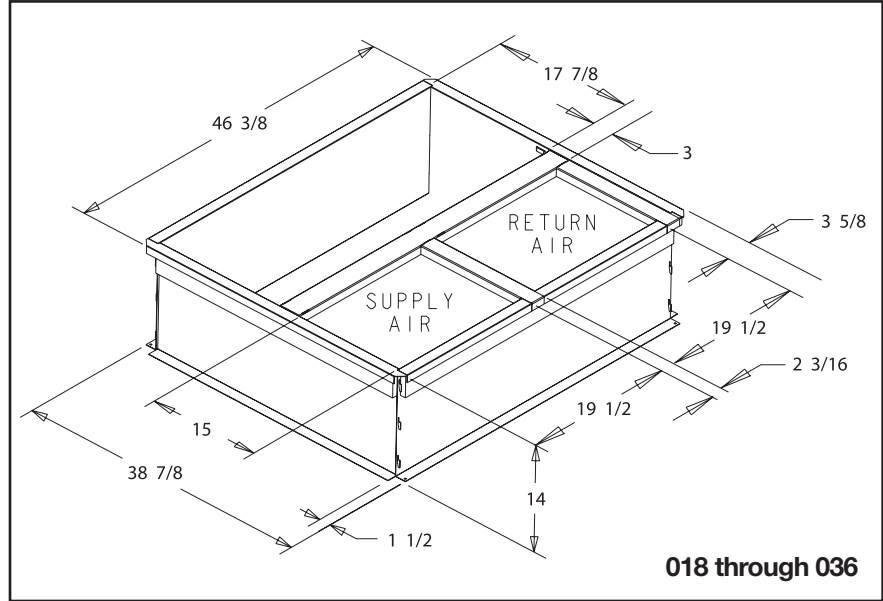
Model Number	Description	4WCA4
BAYHTR1V05LUGA	Electric heater 5 KW	2-5
BAYHTR1H08LUGA	Electric heater 7.5 KW	2-5
BAYHTR1H10LUGA	Electric heater 10 KW	2-5
BAYHTR1H15BRKA	Electric heater 15 KW	2.5-5
BAYHTR1H20BRKA	Electric heater 20 KW	4-5

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.

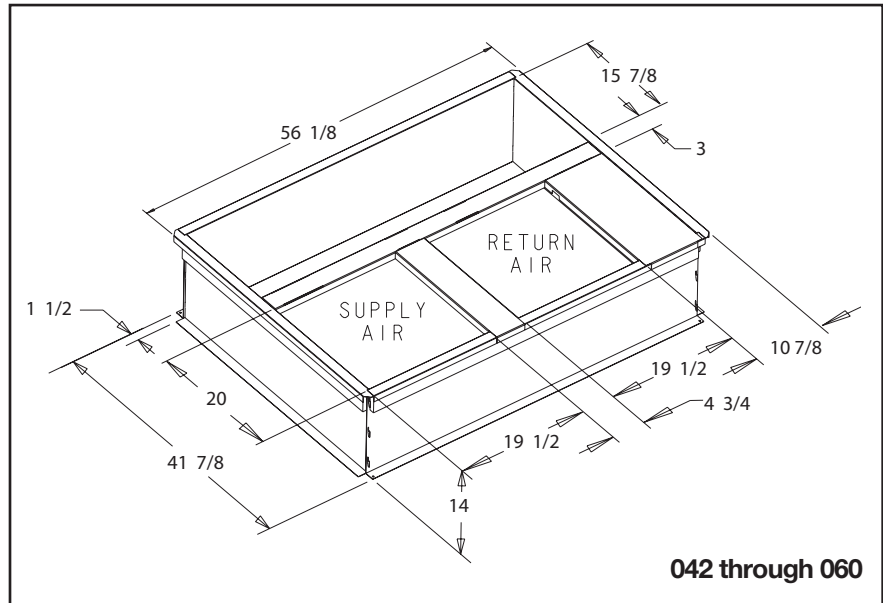
# Roof Curbs

## BAYCURB050A FULL PERIMETER ROOF MOUNTING CURB OUTLINE



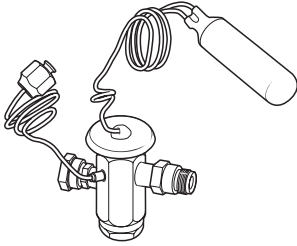
Full Perimeter BAYCURB050A	Full Perimeter BAYCURB051A
4TCY4024-036	4TCY4042-060
4TCX3018-036/4TCC3018-036	4TCX3042-060/4TCC3042-060
4WCZ6036/4DCZ6036	4WCZ6048-060/4DCZ6048-060
4WCY4024-036/4DCY4024-036	4WCY4042-060/4DCY4042-060
2/4WCX3018-036/2/4WCC3018-036	2/4WCX3042-060/2/4WCC3042-060
4YCZ6036	4YCZ6048-060
4YCY4024-036	4YCY4042-060
2/4YCX3018-036/2/4YCC3018-036	2/4YCX3042-060/2/4YCC3042-060

## BAYCURB051A FULL PERIMETER ROOF MOUNTING CURB OUTLINE



Accessories/Information

# 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 Numbers	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 Numbers	Used With 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**

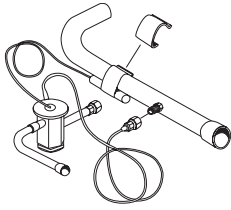
R-22 Model Number	Used With 4NXA & 4NXC Coils
2AYTXVH3E1824AA	4NXA, NXC – 018 - 024
2AYTXVH3E2536AA	4NXA, NXC – 025 - 036
2AYTXVH3E6363AA	4NXC - 063

**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 Air Handlers
4AYTXVH3D1830A	2AYTXVH3D1830A	2TFB-018-030
4AYTXVH3D1831A	2AYTXVH3D1830A	2TFB-036
4AYTXVH3D1831A	2AYTXVH3D1830A	2/4TFE-025
4AYTXVH3D1831A	2AYTXVH3D1830A	2/4TEC-018-030
—	2AYTXVH3D3636A	2/4TEC-036
4AYTXVH3D3642A	—	2/4TEC-036-042
—	2AYTXVH3D4260A	2/4TEC-042-060
4AYTXVH3D4863A	—	2/4TEC-048-060
4AYTXVH3D1831A	2AYTXVH3D1830A	2/4TEH-018-030
—	2AYTXVH3D3636A	4TEH-036
4AYTXVH3D3642A	—	2TEH-036-042
—	2AYTXVH3D4260A	4TEH-042-060
4AYTXVH3D4863A	—	2TEH-048-060
4AYTXVH3D1800A	2AYTXVH3D1830A	2/4TGB-018
4AYTXVH3D1830A	2AYTXVH3D1830A	2/4TGB-025
4AYTXVH3D1831A	2AYTXVH3D1830A	2/4TGB-030
4AYTXVH3D3600A	2AYTXVH3D1830A	2/4TGB-036
4AYTXVH3D3343A	2AYTXVH3D4260A	2/4TGB-042
4AYTXVH3D4863A	2AYTXVH3D4260A	2/4TGB-048
4AYTXVH3D3642A	2AYTXVH3D4260A	2/4TEE-039
4AYTXVH3D4863A	2AYTXVH3D4260A	2/4TEE-048-064

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

# Thermal Expansion Valves



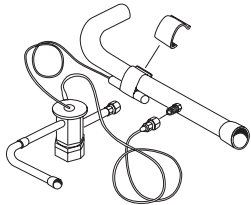
**Expansion Valve TXV Cooling Kit**

**Table AC/IN-3-A – Cooling Bleed TXV Kits – Single Direction Flow**

Model Number	Used With AC Units	Liquid Line Connection Dia. I.D. (In.)	Gas Line Connection Dia. I.D. (In.)	Shipping Weight (lbs.)	Refrigerant
TAYTXVA0B5C	1-1½ Ton	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
AYTXVH0D3C	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	5/16 <sup>①</sup>	3/4 <sup>②</sup>	2	R-410A
4AYTXVH3A3654A	3-4 Ton	3/8	7/8 <sup>③</sup>	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

# Equipment Date Identification

## 1980 – 2025

The nine (1980 thru 2004) digit serial numbers and all current ten (2004 to present) 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.

**Exception – Accessories** are an exception to the ten 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 of manufacture ..... First digit ..... **M124X04CF**  
 Fiscal week of manufacture ..... Second and third digit ..... **M124X04CF**  
 Day of week of manufacture ..... Fourth digit ..... **M124X04CF**  
 Consecutive order of production ..... Last Five digits ..... **M124X04CF**

Year	Residential, ID & OD <sup>①</sup> Light Commercial Products & Compressors	Ducane Oil <sup>①</sup> Horizontal Gas Furnaces <sup>②</sup>	Year	Residential, ID & OD <sup>①</sup> Light Commercial Products & Compressors	Ducane Oil <sup>①</sup> Horizontal Gas Furnaces <sup>②</sup>	Year	Residential, ID & OD <sup>①</sup> Light Commercial Products & Compressors	Ducane Oil <sup>①</sup> Horizontal Gas Furnaces <sup>②</sup>
1980	O, A	L	1997	M	97	2014	14	—
1981	T	M	1998	N	98	2015	15	—
1982	U	N	1999	P	99	2016	16	—
1983	W	9	2000	R	—	2017	17	—
1984	X	Q	2001	Z	—	2018	18	—
1985	Y	85	2002	2	—	2019	19	—
1986	S	86	2003	3	—	2020	20	—
1987	B	87	2004	4	—	2021	21	—
1988	C	88	2005	5	—	2022	22	—
1989	D	89	2006	6	—	2023	23	—
1990	E	90	2007	7	—	2024	24	—
1991	F	91	2008	8	—	2025	25	—
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.

Digit	Description	Current Digit Value Options
1 <sup>ST</sup>	Second to Last integer of the current calendar year	1 through 9 and blank space, Blank Space used when 0 (zero)
2 <sup>ND</sup>	Last integer of the current calendar year	0 through 9
3 <sup>RD</sup>	Fiscal Week (Tens numeral)	0 through 5
4 <sup>TH</sup>	Fiscal Week (Units numeral)	0 through 9
5 <sup>TH</sup>	Day of the Week	1 through 7
6 <sup>TH</sup>	Time Stamp	A through Z and 0 through 9, excluding I, O, Q, V, Y, and Z
7 <sup>TH</sup>	Time Stamp	A through Z and 0 through 9, excluding I, O, Q, V, Y, and Z
8 <sup>TH</sup>	Time Stamp	A through Z and 0 through 9, excluding I, O, Q, V, Y, and Z
9 <sup>TH</sup>	Assembly Line Designator	A through Z and 0 through 9, excluding I, O, Q, V, Y, and Z
10 <sup>TH</sup>	Plant Code	A, D, F, G, H, V, Y, X

Plant Codes: (starting around 1995)
A = Monterrey
D = Springhill, LA (used to be the last character of a 10 digit serial on Ft. Smith products when they were sold commercially back in the late 1980's)
F = Tyler, TX
G = Trenton, NJ
H = Ft. Smith, AR
L = Lynn Haven, FL
V = Vidalia, GA
X = Sourced products

Accessories/Information

# Refrigerant Line Sets

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

Model Number	Gas Line <sup>①</sup> Dia. O.D.	Liquid Line Dia. O.D.	Length	Shipping Weight
TAYREFLN325	7/8	3/8	25	20
TAYREFLN330	7/8	3/8	30	24
TAYREFLN340	7/8	3/8	40	30
TAYREFLN350	7/8	3/8	50	39
TAYREFLN725	3/4	3/8	25	19
TAYREFLN730	3/4	3/8	30	22
TAYREFLN740	3/4	3/8	40	28
TAYREFLN750	3/4	3/8	50	35
TAYREFLN950	5/8	3/8	50	30

① Gas line 90° bend one end.

② Gas line insulation 3/4" thickness.

Note: Contains a holding charge of Nitrogen.

**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

# Refrigerant HFC 410A (R-410A)

Tables contain no allowances for vertical lift!

**Table AC/IN-6-A – Liquid Line Selection Table for R-410A Single Speed Systems**

Maximum Allowable Liquid Line Pressure Drop ..... =

Subtract .43 PSI for each foot of Liquid Lift (if any).....

Do Not Exceed this value when selecting Liquid Line.....

Tube O.D.	Rated BTUH	Pressure Drop (PSI) For Total Equivalent Length											
		20'	40'	60'	80'	100'	120'	140'	160'	180'	200'	220'	240'
1/4"	15000	4.5	9.0	13.6	18.1	22.6	27.1	31.6	36.2	40.7	45.2	49.7	—
	18000	6.3	12.6	18.8	25.1	31.4	37.7	44.0	—	—	—	—	—
	24000	15.4	30.8	46.2	—	—	—	—	—	—	—	—	—
5/16"	15000	1.2	2.4	3.5	4.7	5.9	7.1	8.3	9.4	10.6	11.8	13.0	14.2
	18000	1.6	3.3	4.9	6.6	8.2	9.8	11.5	13.1	14.8	16.4	18.0	19.7
	24000	2.8	5.5	8.3	11.0	13.8	16.6	19.3	22.1	24.8	27.6	30.4	33.1
	30000	4.1	8.3	12.4	16.6	20.7	24.8	29.0	33.1	37.3	41.4	45.5	49.7
	36000	5.8	11.6	17.3	23.1	28.9	34.7	40.5	46.2	—	—	—	—
	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"	60000	1.0	2.1	3.1	4.2	5.2	6.2	7.3	8.3	9.4	10.4	11.4	12.5

- Note 1: A blank space indicates a pressure drop of over 50 PSI.
- Note 2: Other existing sources of pressure drop, (solenoid valves, etc.) must be considered.
- Note 3: A vertical run with a heat pump system always results in a liquid lift (heating or cooling).
- Note 4: The smallest liquid line diameter that results in a total liquid line pressure drop of 50 PSI or less results in the most reliable system (fewer pounds of R-410A).
- Note 5: It is recommended to place units where 1/2" liquid line is not required due to the increased refrigerant volume imposed by the larger liquid line.
- Note 6: At the time this manual was printed all outdoor units were rated with 3/8" liquid line.

**Table AC/IN-6-B – Allowable Vapor Line Diameters and BTUH Loss (R-410A Single Speed Systems)**

Nominal Tons	Tube O.D. (Inches)	Press. Drop PSI/100 Ft.	BTUH Loss For Equivalent Length										
			40'	60'	80'	100'	120'	140'	160'	180'	200'	220'	240'
1.0	1/2	5.0	70	160	250	340	430	520	610	700	790	880	970
	5/8	1.5	20	50	73	100	130	155	180	210	235	265	290
1.5	1/2	10.8	173	410	640	875	1110	1340	1575	1810	2040	2275	2510
	5/8	3.1	50	120	185	250	320	385	450	520	585	655	720
	3/4	1.2	20	45	70	95	125	150	175	200	225	255	280
2.0	5/8	5.4	115	270	430	585	740	895	1050	1205	1360	1515	1670
	3/4	2.0	45	100	160	215	275	330	390	445	505	560	620
2.5	5/8	8.2	220	515	810	1110	1400	1695	1990	2290	2585	2880	3175
	3/4	3.0	80	190	295	405	515	620	730	840	945	1055	1160
	7/8	1.3	35	80	130	175	220	270	315	365	410	455	505
3.0	5/8	11.7	380	885	1390	1895	2400	2905	3410	3915	4425	4930	—
	3/4	4.3	140	325	510	700	880	1070	1255	1440	1625	1810	2000
	7/8	1.9	60	145	225	310	390	470	555	635	720	800	880
3.5	3/4	5.8	220	510	805	1095	1390	1680	1975	2265	2560	2850	3140
	7/8	2.5	95	220	345	475	600	725	850	975	1105	1230	1355
4.0	3/4	7.4	320	745	1170	1600	2025	2450	2875	3305	3730	4155	4580
	7/8	3.2	140	325	510	690	875	1060	1245	1430	1615	1795	1980
	1-1/8 <sup>Ⓢ</sup>	.9	40	90	145	195	245	300	350	400	455	505	555
5.0	3/4	11.5	620	1450	2280	3105	3935	4760	5590	6415	7245	8073	8900
	7/8	4.9	265	615	970	1325	1675	2030	2380	2735	3080	3440	3795
	1-1/8	1.3	70	165	255	350	445	540	630	725	820	915	1005

- Note 1: Shaded value indicates more than 10% capacity loss.
- Note 2: Blank space indicates more than 15% capacity loss.
- Note 3: Only approved for cooling units, do not use 1 1/8" vapor lines on heat pumps less than 5 ton.
- Note 4: If linear length exceeds 150 feet, add 2 ounces of approved compressor oil per every 10 feet in excess of 150 feet. (Example: if the actual line length is 170 feet, add 4 ounces of oil to the system)

**This page contains limited data to fully determine if the application will work or to select required accessories. Please refer to publication SS-APG006F-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.



# Refrigerant Piping Information for Two Stage Split Systems

**Table AC/IN-7-A — Allowable Vapor and Liquid Line Diameters for Two Stage, Single Compressor Split Systems**

Rated Line Sizes	Line Sizes		Service Valve Connection Size		Max Line & Lift Lengths	
	Vapor Line	Liquid Line	Vapor Line Connection	Liquid Line Connection	TOTAL Max Line Length (ft)	Max Lift (ft)
2 Ton HP	5/8"	3/8"	5/8"	3/8"	150'	50'
3 Ton HP	3/4"	3/8"	3/4"	3/8"	80'	25'
4 Ton HP	7/8"	3/8"	7/8"	3/8"	150'	50'
5 Ton HP	1-1/8"	3/8"	1-1/8"	3/8"	80'	25'

Alternate Line Sizes	Line Sizes		Service Valve Connection Size		Max Line & Lift Lengths	
	Vapor Line	Liquid Line	Vapor Line Connection	Liquid Line Connection	TOTAL Max Line Length (ft)	Max Lift (ft)
2 Ton HP	5/8"	3/8"	5/8"	3/8"	150'	50'
	3/4"	3/8"			80'	25'
3 Ton HP	5/8"	3/8"	3/4"	3/8"	150'	50'
	7/8"	3/8"			80'	25'
4 Ton HP	3/4"	3/8"	7/8"	3/8"	150'	50'
5 Ton HP	3/4"	3/8"	1-1/8"	3/8"	150'	50'
	7/8"	3/8"			150'	50'

Rated Line Sizes	Line Sizes		Service Valve Connection Size		Max Line & Lift Lengths	
	Vapor Line	Liquid Line	Vapor Line Connection	Liquid Line Connection	TOTAL Max Line Length (ft)	Max Lift (ft)
2 Ton AC	5/8", 3/4"	3/8"	5/8"	3/8"	150'	50'
3 Ton AC	5/8", 3/4", 7/8"	3/8"	3/4"	3/8"	150'	50'
4 Ton AC	3/4", 7/8"	3/8"	7/8"	3/8"	150'	50'
5 Ton AC	3/4", 7/8", 1-1/8"	3/8"	1-1/8"	3/8"	150'	50'

See Application Bulletin SS-APB011-EN

**Table AC/IN-7-B — Equivalent Length (Ft.) of Non-Ferrous Valves and Fittings (Brazed)**

O.D. Tube Size (Inches)	Globe Valve	Angle Valve	Short Radius Ell	Long Radius Ell	Tee Line Flow	Tee Branch Flow
1/2*	70	24	4.7	3.2	1.7	6.6
5/8	72	25	5.7	3.9	2.3	8.2
3/4	75	25	6.5	4.5	2.9	9.7
7/8	78	28	7.8	5.3	3.7	12.0
1-1/8	87	29	2.7	1.9	2.5	8.0
1-3/8	102	33	3.2	2.2	2.7	10.0
1-5/8	115	34	3.8	2.6	3.0	12.0

Information for this chart extracted by permission from A.R.I. Refrigerant Piping Data, page 28.

\* For smaller sizes, use 1/2" values.

**This page contains limited data to fully determine if the application will work or to select required accessories. Please refer to publication SS-APG006F-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.

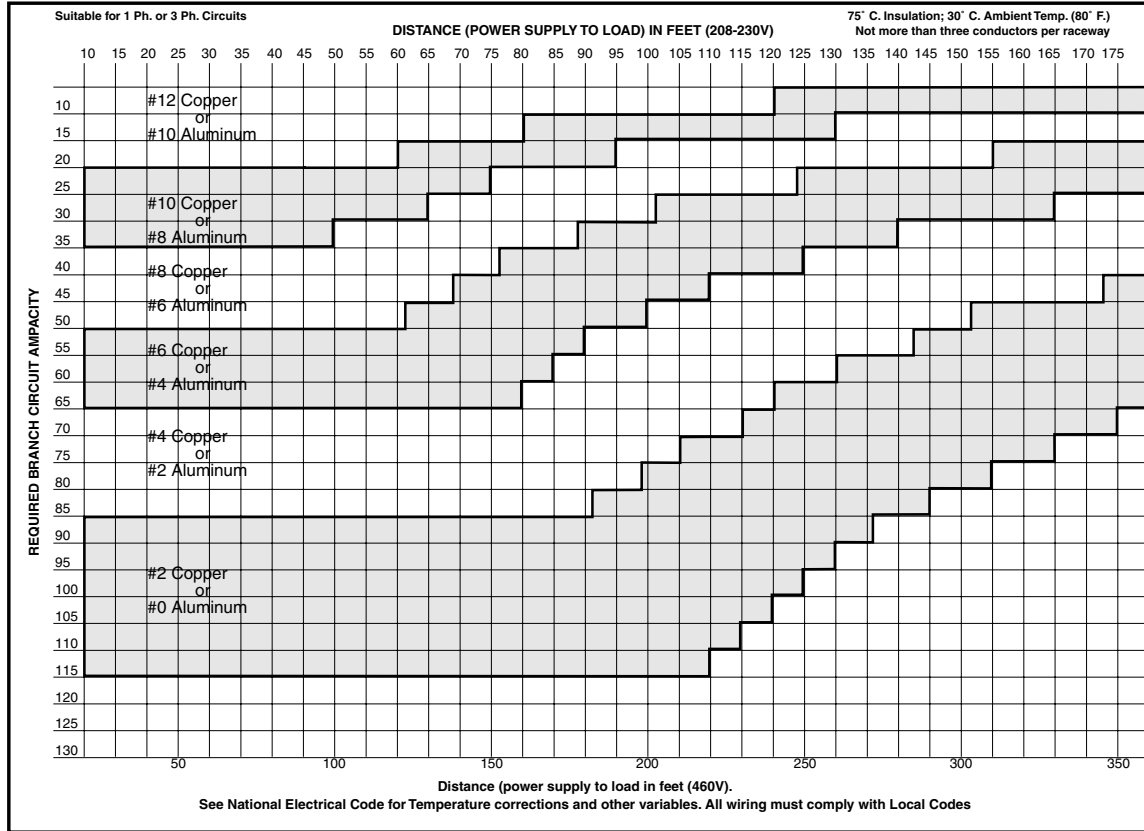
# Branch Circuit Wire Sizing Table/ Heater De-Rating Chart

## BRANCH CIRCUIT WIRE SIZING TABLE

(Based on 2% Voltage Drop)

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

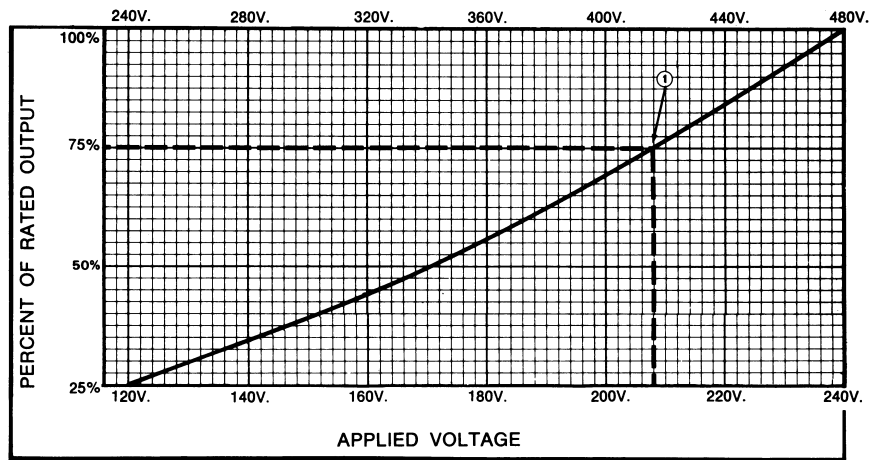
Use Chart For Wire Sizing Only. Refer To Electrical Code, (Or Product Specs.) For Fuse Sizing



## Heater De-Rating Chart

The output of electric heaters, applied at voltages other than the rated 240 or 480 volts, can be easily determined with the use of this chart.

### ELECTRIC HEATER DE-RATING CHART (for 240V or 480V Rated Heaters Installed on Lower Voltage Systems)



① EXAMPLE: Calculated Heat Loss — 29,200 BTUH Power Supply — 208V.  
 The chart indicates that any 240V heater will deliver 75% of its rated capacity at 208V.

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

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

# Basic Air Conditioning Formulas

## Basic Air Conditioning Formulas

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

LEGEND	DERIVATION OF AIR CONSTANTS
<p>CFM<sub>T</sub> = Total airflow cubic feet/min.                      CFM<sub>O</sub> = Outdoor air cubic feet/min.                      N<sub>T</sub> = Total air changes per hour                      N<sub>O</sub> = Outdoor air, air changes per hour                      V = Volume of space cubic feet                      H<sub>T</sub> = Total heat Btuh                      H<sub>S</sub> = Sensible heat Btuh                      H<sub>L</sub> = Latent heat Btuh                      * h<sub>1</sub> = Enthalpy or total heat of entering air                      * h<sub>2</sub> = Enthalpy or total heat of leaving air                      T<sub>1</sub> = Temperature of entering air                      T<sub>2</sub> = Temperature of leaving air                      T<sub>adp</sub> = Apparatus dewpoint                      t<sub>1</sub> = Indoor design temperature                      t<sub>2</sub> = Outdoor design temperature                      W<sub>1</sub> = Grains of water/lb. of dry air at entering condition                      W<sub>2</sub> = Grains of water/lb. of dry air at leaving condition                      W<sub>3</sub> = Grains of water/lb. of dry air at indoor design conditions                      W<sub>O</sub> = Grains of water/lb. of dry air at outdoor design conditions</p>	<p>The air constants below apply specifically to standard air which is defined as dry air at 70°F and 14.7 P.S.I.A. (29.92 in. mercury column). They can, however, be used in most cooling calculations unless extremely precise results are desired.</p> <p>4.5 (To convert CFM to lbs./hr.)</p> <p><math>4.5 = \frac{60 \text{ min./hr.}}{13.33}</math> or <math>60 \times .075</math></p> <p>Where 13.33 is the specific volume of standard air (cu.ft./lb.) and .075 is the density (lbs./cu.ft.)</p> <p><math>1.08 = \frac{.24 \times 60}{13.33}</math> or <math>.24 \times 4.5</math></p> <p>.24 BTU = specific heat of standard air (BTU/LB/∇F)</p> <p><math>.68 = \frac{60}{13.33} \times \frac{1060}{7000}</math> or <math>4.5 \times \frac{1060}{7000}</math></p> <p>Where: 1060 = Average Latent Heat of water vapor (BTU/LB.).                      7000 = Grains per lb.</p>

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

# Low Ambient Cooling Operation Accessories

**Table AC/IN-10-A - Split System Low Ambient Accessories**

Air Conditioner Heat Pump	55° F. As Manufactured	55°F - 30°F	55°F - 30°F	55°F - 30°F	55°F - 30°F	30F - 20F or 30F - 0F see lowest approved OD ambient				
		Air Conditioner AY28X079 <sup>Ⓞ</sup>	Heat Pump AY28X084 <sup>Ⓞ</sup>	TXV-NB	CCHT	BAYLOAM107*	Start Kit <sup>Ⓞ</sup>	Solenoid Valve (AC) <sup>Ⓞ</sup>	Windshield	Lowest Approved Outdoor Ambient Cooling Mode
13 SEER	X	X	X	X	X	BAYLOAM107	X	X	X	Approved to 0° F
14 SEER	X	X	X	X	X	BAYLOAM107	X	X	X	AC Approved to 20° F HP Approved to 10° F
15 SEER	X	X	X	X	X	BAYLOAM107	X	X	X	AC Approved to 20° F HP Approved to 10° F
16 SEER <sup>Ⓞ</sup>	X	X	X	X	X	BAYLOAM107 <sup>Ⓞ</sup>	X	X	X	AC Approved to 20° F HP Approved to 10° F
17 SEER <sup>Ⓞ</sup>	X	X	X	X	X	BAYLOAM107	X	X	X	AC Approved to 20° F HP Approved to 10° F
18 SEER <sup>Ⓞ</sup>	X	X	X	X	X	BAYLOAM107 <sup>Ⓞ</sup>	X	X	X	AC Approved to 20° F HP Approved to 10° F
18 SEER VS	X	Not Approved				Not Approved				Approved to 55° F
20 SEER VS	X	Not Approved				Not Approved				Approved to 55° F

<sup>Ⓞ</sup> DO NOT apply BAYLOAM to model tonnages with variable speed condenser fan motors. Models with VS condenser fan motors are approved to 30°F

<sup>Ⓞ</sup> AY28X\*\*\* EDC not required when indoor unit has EEV

<sup>Ⓞ</sup> VS 20 SEER OD units approved to 55°F

<sup>Ⓞ</sup> Liquid line solenoid shall be used for isolation purposes. Also used if liquid line is 1/2" and installed before the evaporator coil.  
See SS-APG006F-EN Refrigeration Piping Application Guide

<sup>Ⓞ</sup> Start Kit NOT required on 230v/460v/3 phase product

\* All AC models may use BAYLOAM103 or BAYLOAM107

American Standard convertible package units may be operated in the cooling mode to 55°F outdoor ambient temperature as shipped from the factory. Where required these units with the appropriate accessories may be applied to operate at outdoor temperatures below 55°F.

**Table AC/IN-10-B - Package System Low Ambient Accessories**

Packaged Convertible Air Conditioner, Heat Pump, Gas/Electric	55° F. As Manufactured	Below 55°F Use Accessories for Operation to the Lowest Approved Outdoor Ambient					Lowest Approved Outdoor Ambient Cooling Mode
		EDC BAYLOAM011A	CCHT	BAYLOAM105A	Start Kit <sup>Ⓞ</sup>		
4TC**	X	X	X	X	X	20° F	
4WC**	X	X	X	X	X	10° F	
4YC**	X	X	X	X	X	20° F	
4DC*	X	X	X	X	X	10° F	
4WHC**	45° F	X	X		X	10° F	

<sup>Ⓞ</sup> NO Start KIT on 3 phase product

**Compressor Crankcase Heaters**

BAYCCHT101A for reciprocating compressors, 65 watt, 230vac

BAYCCHT102A for 6.5" scroll compressors, 60 watt, 230vac

BAYCCHT103A for 5.5" scroll compressors, 40 watt, 230vac

BAYCCHT404B for 6.5" scroll compressors, 60 watt, 460vac

BAYCCHT405A for 5.5" scroll compressors, 40 watt, 460vac

BAYCCHT301 for 6.5" - 7.5" diameter scroll compressors 60 watt, 230vac

BAYCCHT302 for 5.5" diameter scroll compressors 40 watt, 230vac

**Start KITS**

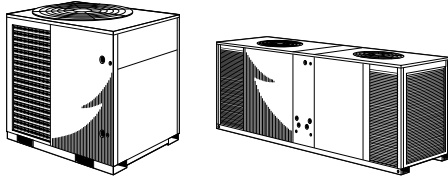
BAYQSTK300A for 4TC & 4WC 230vac, Single Phase Only

BAYQSTK301A for 4YC & 4DC 230vac, Single Phase Only

Please refer to publication SS-APG012B-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.

# Odyssey with Symbio™ Cooling Split Systems Single Circuit, Three Phase – 6-25 Tons, R-410A



TTA – 6-25 Tons

- Symbio™ 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)

**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**  
 A = Current Design Sequence

**Digit 12–13 – Service Digits**

**Digit 14 – Efficiency Generation**  
 B = Generation B

**Digit 15 – Controls**  
 S = Symbio™

**Digit 16 – None**  
 0 = Not Used

**Digit 17 – Coil Protection**

1 = Standard Coil w/ Hail Guard  
 5 = Complete Coat Condenser Coil with Hail Guard (MCHE)  
**Digit 18-20 – None**  
 0 = Not Used

**Digit 21 – Communications Options**

0 = No Option  
 1 = BACnet® BAS Communications  
 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.)			Shipping Weight (lbs.)	Sound <sup>Ⓞ</sup> Rating	MCA*	Max. Fuse*	Connection Size (in)	
			H	W	L					OD Gas	OD Liq.
TTA07243A	208-230/3/60	76,000	46	45	38	324	84	28	45	1 <sup>1</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>
TTA09043A	208-230/3/60	95,000	45	45	38	342	83	34	60	1 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>
TTA07244A	460/3/60	76,000	46	45	38	324	84	12	20	1 <sup>1</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>
TTA09044A	460/3/60	95,000	45	45	38	342	83	17	25	1 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>
TTA0724WA	575/3/60	76,000	46	45	38	324	84	9	15	1 <sup>1</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>
TTA0904WA	575/3/60	95,000	45	45	38	342	83	13	20	1 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>

**Table LSC-1-B – TTA Split System Cooling – Dual Manifolder Compressors with Single Refrigerant Circuits – R-410 Refrigerant**

Model Number	Power Supply	AHRI Net Cooling Cap. (BTUH)	Uncrated Dimensions (in.)			Shipping Weight (lbs.)	Sound <sup>Ⓞ</sup> Rating	MCA*	Max. Fuse*	Connection Size (in)	
			H	W	L					OD Gas	OD Liq.
TTA12043C	208-230/3/60	122,000	45	55	42	473	91	41	50	1 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>
TTA18043C	208-230/3/60	184,000	51.1	96	48	806	93	67	90	1 <sup>5</sup> / <sub>8</sub>	5 <sup>5</sup> / <sub>8</sub>
TTA24043C	208-230/3/60	250,000	51.1	96	48	879	94	98	125	1 <sup>5</sup> / <sub>8</sub>	5 <sup>5</sup> / <sub>8</sub>
TTA30043C	208-230/3/60	296,000	57.1	96	48	1013	94	102	125	2 <sup>1</sup> / <sub>8</sub>	5 <sup>5</sup> / <sub>8</sub>
TTA12044C	460/3/60	122,000	45	55	42	473	91	20	25	1 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>
TTA18044C	460/3/60	188,000	51.1	96	48	806	93	32	40	1 <sup>5</sup> / <sub>8</sub>	5 <sup>5</sup> / <sub>8</sub>
TTA24044C	460/3/60	250,000	51.1	96	48	879	94	47	60	1 <sup>5</sup> / <sub>8</sub>	5 <sup>5</sup> / <sub>8</sub>
TTA30044C	460/3/60	296,000	57.1	96	48	1013	94	49	60	2 <sup>1</sup> / <sub>8</sub>	5 <sup>5</sup> / <sub>8</sub>
TTA1204WC	575/3/60	122,000	45	55	42	473	91	15	20	1 <sup>3</sup> / <sub>8</sub>	1 <sup>1</sup> / <sub>2</sub>
TTA1804WC	575/3/60	184,000	51.1	96	48	806	93	37	50	1 <sup>5</sup> / <sub>8</sub>	5 <sup>5</sup> / <sub>8</sub>
TTA2404WC	575/3/60	250,000	51.1	96	48	879	94	39	50	1 <sup>5</sup> / <sub>8</sub>	5 <sup>5</sup> / <sub>8</sub>
TTA3004WC	575/3/60	297,000	57.1	96	48	1013	94	42	50	2 <sup>1</sup> / <sub>8</sub>	5 <sup>5</sup> / <sub>8</sub>

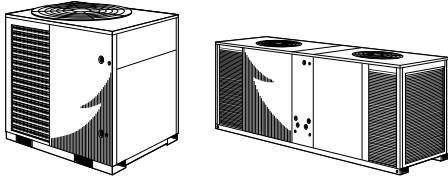
Ⓞ Sound rating shown is tested in accordance with ARI Standard 270 or 370.

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

BUILT TO A HIGHER STANDARD<sup>®</sup>

**American Standard**<sup>®</sup>  
HEATING & AIR CONDITIONING

# Odyssey with Symbio™ Cooling Split Systems Dual Circuit, Three Phase – 6-25 Tons, R-410A



**TTA – 6-25 Tons**

- Symbio™ 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**  
072 = 6.0 Tons (60Hz)  
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)  
W = 575VAC - 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**  
A = Current Design Sequence

**Digit 12-13 – Service Digits**

**Digit 14 – Efficiency Generation**  
B = Generation B

**Digit 15 – Controls**  
S = Symbio™

**Digit 16 – None**  
0 = Not Used

**Digit 17 – Coil Protection**  
1 = Standard Coil with Hail Guard  
5 = Complete Coat Condenser Coil with Hail Guard (MSHE)

**Digit 18-20 – None**  
0 = Not Used

**Digit 21 – Communications Options**  
1 = BACnet® BAS Communications  
2 = LonTalk® Communications Interface (LCI)

**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.)			Shipping Weight (lbs.)	Sound <sup>Ⓢ</sup> Rating	MCA*	Max. Fuse*	Connection Size (in)	
			H	W	L					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	93,000	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	246,000	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	155,000	52.1	55	42	504	93	26	35	1 1/8	1/2
TTA18044D	460/3/60	193,000	51.1	96	48	806	93	32	40	1 3/8	1/2
TTA24044D	460/3/60	246,000	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	93,000	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	246,000	51.1	96	48	872	94	31	40	1 3/8	1/2

Ⓢ 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.

# Odyssey with Symbio™ Cooling Split Systems - R410A - 6-25 Ton Condenser Accessories

Table LSC-3-A — TTA Accessories

Model	Used With
<b>Universal Hot Gas Bypass Kit</b>	
BAYHGBP010*	All models
<b>Rubber Isolators</b>	
BAYISLT004* (blue)	TTA072, TTA090
BAYISLT005* (black)	TTA120
BAYISLT009* (red)	TTA150, TTA180
BAYISLT010* (green)	TTA240, TTA300
<b>Steel Spring Isolators</b>	
BAYISLT023* (red)	TTA072, TTA090, TTA120**A
BAYISLT024* (black)	TTA120**C/D, TTA150, TTA180
BAYISLT025* (yellow)	TTA240, TTA300
<b>Service Valve Kit</b>	
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
<b>Low Ambient — On/Off Fan Control (External mount, small cabinets)① ② ③</b>	
BAYLOAMS10* (External Mount, small cabinets)④	(all voltages) TTA072, TTA090
BAYLOAMS20* (Internal mount, large cabinets)	(all voltages) TTA120, TTA150, TTA180, TTA240, TTA300
<b>Transducer Kit for Head Pressure Control (BAYLOAM10*)</b>	
BAYLOTR001*④	TTA120**D, TTA150**D
<b>LonTalk Communications Interface⑤</b>	
BAYLTICI005*	All Models
<b>Expansion Module Kit</b>	
BAYMODU002* (XM30)	All Models
BAYMODU004* (XM32)	All Models

① Cycles fan on/off (no modulating).

② When BAYLOAM is used, the Evaporator Defrost Control (EDC) must be disabled in the Symbio 700 controller configuration.

③ Kit mounts external to the outdoor unit and operates by sensing ambient and liquid line temperatures.

④ BAYLOTR001\* is required when BAYLOAMS10\* kits are used with units that have 2 compressors (dual circuit) and 1 condenser fan.

⑤ Field installed LonTalk interface requires installation of Symbio control board with Advanced Diagnostics (not included).

# Split System Cooling Three Phase – 6-25 Tons

**Table LSC-4-A – Symbio™ Control Options**

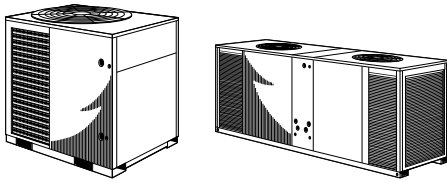
Model Number	Description	Used With
BAYSENS107	Zone Sensor, Set Point Adj, Fan, System, EH, ED	TTA072-TTA300 with Symbio™ Controls
BAYSENS109	Zone Sensor, 2 Set Point Adj, Fan, System, EH, ED	TTA072-TTA300 with Symbio™ Controls
BAYSENS119	Digital Programmable Zone Sensor	TTA072-TTA300 with Symbio™ Controls
BAYSENS135	Digital Non-Programmable Zone Sensor	TTA072-TTA300 with Symbio™ Controls
BAYSENS106	Zone Sensor, Set Point, Fan, System	TTA072-TTA300 with Symbio™ Controls
BAYSENS108	Zone Sensor, 2 Set Point, Fan, System	TTA072-TTA300 with Symbio™ Controls
BAYSENS110	Zone Sensor, 2 Set Point, Fan, System, ED	TTA072-TTA300 with Symbio™ Controls

**Table LSC-4-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



# Odyssey with Symbio™ Heat Pumps Three Phase - 6-20, R-410A



**TWA – 6-20 Tons**

- Symbio™ 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
- 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**  
 A = Current Design Sequence

**Digit 12-13 – Service Digits**

**Digit 14 – Efficiency Generation**  
 B = Generation B

**Digit 15 – Controls**  
 S = Symbio™

**Digit 16 – None**  
 0 = Not Used

**Digit 17 – Coil Protection**  
 1 = Standard Coil w/ Hail Guard  
 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  
 1 = BACnet® BAS Communications  
 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.)			Shipping Weight (lbs.)	Sound <sup>Ⓞ</sup> Rating	MCA*	Max. Fuse*	Connection Size (in)	
			H	W	L					OD Gas	OD Liq.
TWA07243A	208-230/3/60	78,000	45	45	38	360	84	31	50	1 <sup>3</sup> / <sub>8</sub>	1/2
TWA09043A	208-230/3/60	90,000	45	45	38	382	83	34	50	1 <sup>3</sup> / <sub>8</sub>	1/2
TWA12043A	208-230/3/60	123,000	52.1	55	42	495	90	46	70	1 <sup>3</sup> / <sub>8</sub>	1/2
TWA07244A	460/3/60	78,000	45	45	38	360	84	15	25	1 <sup>3</sup> / <sub>8</sub>	1/2
TWA09044A	460/3/60	90,000	45	45	38	382	83	18	30	1 <sup>3</sup> / <sub>8</sub>	1/2
TWA12044A	460/3/60	123,000	52.1	55	42	495	90	25	40	1 <sup>3</sup> / <sub>8</sub>	1/2
TWA0724WA	575/3/60	78,000	45	45	38	360	84	11	15	1 <sup>3</sup> / <sub>8</sub>	1/2
TWA0904WA	575/3/60	90,000	45	45	38	382	83	13	20	1 <sup>3</sup> / <sub>8</sub>	1/2
TWA1204WA	575/3/60	123,000	52.1	55	42	495	90	22	35	1 <sup>3</sup> / <sub>8</sub>	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.)			Shipping Weight (lbs.)	Sound <sup>Ⓞ</sup> Rating	MCA*	Max. Fuse*	Connection Size (in)	
			H	W	L					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	94,000	45	55	42	466	83	33	45	1 <sup>1</sup> / <sub>8</sub>	1/2
TWA12043D	208-230/3/60	120,000	52.1	55	42	478	90	46	70	1 <sup>1</sup> / <sub>8</sub>	1/2
TWA18043D	208-230/3/60	192,000	51.1	96	48	874	93	66	90	1 <sup>1</sup> / <sub>8</sub>	1/2
TWA24043D	208-230/3/60	250,000	51.1	96	48	1003	94	86	110	1 <sup>3</sup> / <sub>8</sub>	5/8
TWA07244D	460/3/60	77,000	45	55	42	413	84	15	20	7/8	1/2
TWA09044D	460/3/60	94,000	45	55	42	466	83	15	20	1 <sup>1</sup> / <sub>8</sub>	1/2
TWA12044D	460/3/60	120,000	52.1	55	42	478	90	20	25	1 <sup>1</sup> / <sub>8</sub>	1/2
TWA18044D	460/3/60	192,000	51.1	96	48	874	93	32	40	1 <sup>1</sup> / <sub>8</sub>	1/2
TWA24044D	460/3/60	250,000	51.1	96	48	1003	94	46	60	1 <sup>3</sup> / <sub>8</sub>	5/8
TWA0724WD	575/3/60	77,000	45	55	42	413	84	10	15	7/8	1/2
TWA0904WD	575/3/60	94,000	45	55	42	466	83	11	15	1 <sup>1</sup> / <sub>8</sub>	1/2
TWA1204WD	575/3/60	120,000	52.1	55	42	478	90	15	20	1 <sup>1</sup> / <sub>8</sub>	1/2
TWA1804WD	575/3/60	192,000	51.1	96	48	874	93	25	30	1 <sup>3</sup> / <sub>8</sub>	1/2
TWA2404WD	575/3/60	250,000	51.1	96	48	1003	94	35	45	1 <sup>3</sup> / <sub>8</sub>	5/8

Ⓞ 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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*American Standard*<sup>®</sup>

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# Odyssey with Symbio™ Heat Pump Accessories Three Phase – 6-20 Tons, R-410A

**Table LSH-2-A – TWA Accessories**

Model	Used With
<b>Rubber Isolators</b>	
BAYISLT005* (black)	TWA072, TWA090, TWA120
BAYISLT009* (red)	TWA180
BAYISLT010* (green)	TWA240
<b>Steel Spring Isolators</b>	
BAYISLT023* (red)	TWA072, TWA090, TWA120
BAYISLT024* (black)	TWA180
BAYISLT025* (yellow)	TWA240
<b>Service Valve Kit</b>	
BAYVALV001*	TWA0724*A, TWA1204*A
BAYVALV002*	TWA0904*A
BAYVALV003*	TWA0724*D, TWA0904*D, TWA1204*D
BAYVALV006*	TWA01804*D, TWA2404*D
<b>Low Ambient – On/Off Fan Control (External mount, small cabinets)① ② ③</b>	
BAYLOAMS10** (External Mount, small cabinets)④	(all voltages) TWA072**A, TWA090**A
BAYLOAMS20* (Internal mount, large cabinets)	(all voltages) TWA120, TWA180, TWA240
<b>Transducer Kit for Head Pressure Control (BAYLOAM335, 336, 435, 436, W36)</b>	
BAYLOTR001*⑤	TWA072**D, TWA090**D, TWA120**D
<b>LonTalk Communications Interface⑥</b>	
BAYLTCI005*	All Models

① Cycles fan on/off (no modulating).

② When BAYLOAM is used, the Evaporator Defrost Control (EDC) must be disabled in the Symbio 700 controller configuration.

③ Kit mounts external to the outdoor unit and operates by sensing ambient and liquid line temperatures.

④ BAYLOTR001\* required when modulating BAYLOAMS10\* kits used with units that have 2 compressors (dual circuit) and 1 condenser fan.

⑤ BAYLOTR001 required when modulating BAYLOAM kits used with units that have 2 compressors (dual circuit) and 1 condenser fan.

⑥ Field Installed LonTalk interface requires installation of Symbio control board with Advanced Diagnostic (not included).

**Table LSH-2-B – Controls**

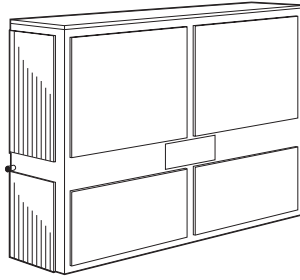
Model Number	Description	Used With
BAYLTCI005*	LonTalk® Communication Interface (LCI)	TWA072-TWA240

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# Odyssey with Symbio™ Air Handlers

Single Phase - 5, 7.5, and 10 Tons, R-410A  
Three Phase - 5-25 Tons, R-410A



**TWE - 5-25 Ton  
Convertible Air Handlers  
(Upflow or Horizontal Only)**

- 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 REQUIRED for CA Title 24 Compliance
- Factory installed Single Zone VAV (SZVAV) option available for enhanced part load performance and space temperature control via varying airflow
- Optional extended warranties

**Model Number Description – Cooling Condenser**

**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**

- 3 = 208-230VAC - 3 PH (60Hz)
- 4 = 460VAC - 3 PH (60Hz)
- W = 575VAC - 3 PH (60Hz)

**Digit 9 – Refrigeration Circuit/Stage**

- A = Single Circuit
- B = Dual Circuit

**Digit 10 – Major Design Sequence**

A = Current Design Sequence

**Digit 11 – Minor Design Sequence**

A = Current Design Sequence

**Digit 12-13 – Service Digits**

00 = 00

**Digit 14 – Efficiency Generation**

B = Generation B

**Digit 15 – Controls**

- 1 = Constant Volume
- C = 2 Stage Airflow (Electromechanical™ Condenser Only)
- D = 2 Stage Airflow/Single Zone VAV (Symbio™ Condenser 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-410A**

Tons	Unit Model No.	Power Supply Volts/Phase/Hz	FCCV	"Drive Type"	"Dimensions (in) H x W x D"	"Shipping Weight (lbs)"	MCA*	Max Fuse Size or Max Circuit Breaker
<b>Single Phase</b>								
5	TWE06041A	208-230/1/60	TXV	Belt	48 x 39 x 23	285	8	15
7 ½	TWE09041A	208-230/1/60	TXV	Belt	54 x 49 x 26	385	8	15
10	TWE12041A	208-230/1/60	TXV	Belt	54 x 65 x 26	441	11	15
<b>Three Phase</b>								
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	15
5	TWE0604WA	575/3/60	TXV	Belt	48 x 39 x 23	285	2	15
7 ½	TWE09043A	208-230/3/60	TXV	Belt	54 x 49 x 26	385	7	15
7 ½	TWE0904WA	575/3/60	TXV	Belt	54 x 49 x 26	385	2	15
10	TWE12043A	208-230/3/60	TXV	Belt	54 x 65 x 26	441	9	15
10	TWE1204WA	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.

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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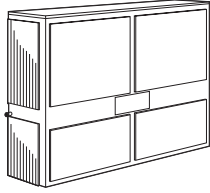
**American Standard**<sup>®</sup>

HEATING & AIR CONDITIONING

# Odyssey with Symbio™ Air Handlers

## Single Phase - 5, 7.5, and 10 Tons, R-410A

## Three Phase - 5-25 Tons, R-410A



### TWE - 5-25 Ton Convertible Air Handlers (Upflow or Horizontal Only)

- 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 REQUIRED for CA Title 24 Compliance<sup>®</sup>
- Factory installed Single Zone VAV (SZVAV) option available for enhanced part load performance and space temperature control via varying airflow<sup>®</sup>
- **Optional extended warranties**

#### Model Number Description — Cooling Condenser

##### Digit 1-3 — Unit Function

TWE = Air Handler

##### Digit 4-6 — Tonnage

060 = 5 Tons (60Hz)      150 = 12.5 Tons (60Hz)  
 072 = 6 Tons (60Hz)      180 = 15 Tons (60Hz)  
 090 = 7.5 Tons (60Hz)    240 = 20 Tons (60Hz)  
 120 = 10 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)

##### Digit 9 — Refrigeration Circuit/Stage

A = Single Circuit  
 B = Dual Circuit

##### Digit 10 — Major Design Sequence

A = Current Design Sequence

##### Digit 11 — Minor Design Sequence

A = Current Design Sequence

##### Digit 12-13 — Service Digits

00 = 00

##### Digit 14 — Efficiency Generation

B = Generation B

##### Digit 15 — Controls

1 = Constant Volume  
 C = 2 Stage Airflow  
 (Electromechanical™ Condenser Only)  
 D = 2 Stage Airflow/Single Zone VAV  
 (Symbio™ Condenser 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-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" <sup>①</sup>	"Shipping Weight (lbs)"	MCA*	Max Fuse Size or Max Circuit Breaker <sup>③</sup> *
<b>Single Phase</b>								
5	TWE06041B	208-230/1/60	TXV	Belt	48 x 39 x 23	285	8	15
7 ½	TWE09041B <sup>②</sup>	208-230/1/60	TXV	Belt	54 x 49 x 26	385	8	15
10	TWE12041B <sup>②</sup>	208-230/1/60	TXV	Belt	54 x 65 x 26	441	11	15
<b>Three Phase</b>								
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	15
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	TWE09043B <sup>②</sup>	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	TWE15043B <sup>②</sup>	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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HEATING & AIR CONDITIONING

# Odyssey with Symbio™ Air Handlers, R-410A Electric Heaters

Single Phase - 5, 7.5, and 10 Tons, R-410A  
Three Phase - 5-25 Tons

**Table LAH-3-A – TWE 5 - 10 Ton Electric Heater Selection**

Model Number	Description	Used With
BAYHTRN106*	4.33/5.76 kW Heater 208/240/1 Phase	TWE 060, 090, 120
BAYHTRR112*	8.65/11.52 kW Heater 208/240/1 Phase	TWE 060, 090, 120
BAYHTRS117*	12.98/17.28 kW Heater 208/240/1 Phase	TWE 060, 090, 120
BAYHTRR123*	17.30/23.04 kW Heater 208/240/1 Phase	TWE 060, 090, 120
BAYHTRN129*	21.65/28.8 kW Heater 208/240/1 Phase	TWE 090, 120
BAYHTRN305*	3.75/5.00 kW Heater 208/240/3 Phase	TWE 060, 072, 090, 120
BAYHTRR310*	7.45/9.96 kW Heater 208/240/3 Phase	TWE 060, 072, 090, 120
BAYHTRR315*	11.25/14.96 kW Heater 208/240/3 Phase	TWE 060, 072, 090, 120
BAYHTRN325*	18.71/24.92 kW Heater 208/240/3 Phase	TWE 060, 072, 090, 120
BAYHTRN335*	26.20/34.88 kW Heater 208/240/3 Phase	TWE 090, 120
BAYHTRN405*	5.00 kW Heater 460/3 Phase	TWE 060, 072, 090, 120①
BAYHTRR410*	9.96 kW Heater 460/3 Phase	TWE 060, 072, 090, 120①
BAYHTRR415*	14.96 kW Heater 460/3 Phase	TWE 060, 072, 090, 120①
BAYHTRN425*	24.92 kW Heater 460/3 Phase	TWE 060, 072, 090, 120①
BAYHTRN435*	34.88 kW Heater 460/3 Phase	TWE 090, 120①
BAYHTRNW05*	5.00 kW Heater 575/3 Phase	TWE 060, 072, 090, 120
BAYHTRRW10*	9.96 kW Heater 575/3 Phase	TWE 060, 072, 090, 120
BAYHTRRW15*	14.96 kW Heater 575/3 Phase	TWE 060, 072, 090, 120
BAYHTRNW25*	24.92 kW Heater 575/3 Phase	TWE 060, 072, 090, 120
BAYHTRNW35*	34.88 kW Heater 575/3 Phase	TWE 090, 120

**Table LAH-3-B – TWE 12½ - 20 Ton Electric Heater Selection**

Model Number	Description	Used With
BAYHTRP310*	7.75/10.0 kW Heater 208/240/3 Phase	TWE 150, 180, 240, 300
BAYHTRP320*	14.96/19.92 kW Heater 208/240/3 Phase	TWE 150, 180, 240, 300
BAYHTRP330*	22.50/29.92 kW Heater 208/240/3 Phase	TWE 150, 180, 240, 300
BAYHTRP350*	37.42/49.84 kW Heater 208/240/3 Phase	TWE 150, 180, 240, 300
BAYHTRP410*	10.0 kW Heater 460/3 Phase	TWE 150①, 180, 240, 300
BAYHTRP420*	19.92 kW Heater 460/3 Phase	TWE 150①, 180, 240, 300
BAYHTRP430*	29.92 kW Heater 460/3 Phase	TWE 150①, 180, 240, 300
BAYHTRP450*	49.84 kW Heater 460/3 Phase	TWE 150, 180, 240, 300
BAYHTRPW10*	10.0 kW Heater 575/3 Phase	TWE 150, 180, 240, 300
BAYHTRPW20*	19.92 kW Heater 575/3 Phase	TWE 150, 180, 240, 300
BAYHTRPW30*	29.92 kW Heater 575/3 Phase	TWE 150, 180, 240, 300
BAYHTRPW50*	49.84 kW Heater 575/3 Phase	TWE 150, 180, 240, 300

① Field convertible to 460/3/60.

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

LAH-3

Effective 1/1/23  
14-1011-40

Light Commercial  
Air Handlers/Heaters

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HEATING & AIR CONDITIONING

# Odyssey with Symbio™ Air Handlers, R-410A Electric Heaters

Single Phase - 5, 7.5, and 10 Tons, R-410A

Three Phase - 5-25 Tons

**Table LAH-4-A — 5 – 20 Ton Accessory Selection**

Model Number	Description	Used With
<b>Subbase</b>		
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
<b>Grille</b>		
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
<b>Isolators</b>		
BAYISLT004* ①②③④	34 Rubber Isolator Floor (blue)	TWE060-120
BAYISLT009* ①②③	3 Rubber Isolator Floor (red)	TWE150, 180
BAYISLT010* ①②③	3 Rubber Isolator Floor (green)	TWE240, 300
BAYISLT012* ③	Rubber Isolator Suspended (red/green)	TWE150, 180
BAYISLT013* ③④	Rubber Suspended (red/green)	TWE060
BAYISLT014* ③④	Rubber Suspended (green)	TWE090
BAYISLT015* ③④	Rubber Suspended (green/black)	TWE120
BAYISLT016* ③	Rubber Suspended (red/green)	TWE240, 300
BAYISLT019* ①②③	Steel Spring Isolator Floor (red)	TWE060-120
BAYISLT021* ①②③	Steel Spring Isolator Floor (black)	TWE150, 180
BAYISLT032* ①②③	Steel Spring Isolator Floor (black/yellow)	TWE240
BAYISLT028* ③	Steel Spring Isolator Suspended (tan)	TWE060
BAYISLT029* ③	Steel Spring Isolator Suspended (red)	TWE072, 090, 120
BAYISLT030* ③	Steel Spring Isolator Suspended (black)	TWE150, 180
BAYISLT031* ③	Steel Spring Isolator Suspended (black/yellow)	TWE240, 300

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.

Light Commercial  
Air Handlers/Heaters

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HEATING & AIR CONDITIONING

# Odyssey with Symbio™ Air Handlers, R-410A Electric Heaters

Single Phase - 5, 7.5, and 10 Tons, R-410A  
Three Phase - 5-25 Tons

**Table LAH-5-A – TWE 5 - 20 Ton Accessory Selection**

Model Number	Description	Used With
<b>Plenum</b>		
BAYPLNM015* ②	Discharge Plenum & Grille	TWE060
BAYPLNM016* ②	Discharge Plenum & Grille	TWE072, 090
BAYPLNM017* ②	Discharge Plenum & Grille	TWE120
BAYPLNM018* ②	Discharge Plenum/Hydronic Coil Plenum & Grille	TWE150, 180
BAYPLNM019* ②	Discharge Plenum/Hydronic Coil Plenum & Grille	TWE240, 300
BAYPLNM020* ②	Hydronic Coil Discharge Plenum & Grille	TWE060
BAYPLNM021* ②	Hydronic Coil Discharge Plenum & Grille	TWE072 090
BAYPLNM022* ②	Hydronic Coil Discharge Plenum & Grille	TWE120
BAYPLNM030* ②	Hydronic Coil Discharge Plenum & Grille	TWE060
BAYPLNM031* ②	Hydronic Coil Discharge Plenum & Grille	TWE072, 090
BAYPLNM032* ②	Hydronic Coil Discharge Plenum & Grille	TWE120
BAYPLNM033* ②	Hydronic Coil Discharge Plenum & Grille	TWE150, 180
BAYPLNM034* ②	Hydronic Coil Discharge Plenum & Grille	TWE240, 300
<b>Transformer</b>		
BAYTFMR018* ①	100 VA Transformer (208-230V)	All TWE072 - TWE300, 208-230V units
BAYTFMR019* ①	100 VA Transformer (460V)	All TWE072 - TWE120, 460V units
BAYTFMR020* ①	100 VA Transformer (575V)	All TWE072 - TWE120, 575V units
BAYTFMR021* ①	100 VA Transformer (400V)	All TWE072 - TWE120 380V/60 Hz units
<b>Water Kits</b>		
BAYWATR022* ②	Steam Coil Enclosure	TWE060
BAYWATR023* ②	Steam Coil Enclosure	TWE072, 090
BAYWATR024* ②	Steam Coil Enclosure	TWE120
BAYWATR025* ②	Steam Coil Enclosure	TWE150, 180
BAYWATR026* ②	Steam Coil Enclosure	TWE240, 300
BAYWATR027* ②	Hot Water Coil Enclosure	TWE060
BAYWATR028* ②	Hot Water Coil Enclosure	TWE072, 090
BAYWATR029②	Hot Water Coil Enclosure	TWE120
BAYWATR030* ②	Hot Water Coil Enclosure	TWE150, 180
BAYWATR031* ②	Hot Water Coil Enclosure	TWE240, 300
<b>Wire Kit</b>		
BAYWRKT002* ③	180 Blower Discharge Reversal Kit	BAYWRKT002* TWE060, TWE072, TWE090, TWE120

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.

Light Commercial  
Air Handlers/Heaters

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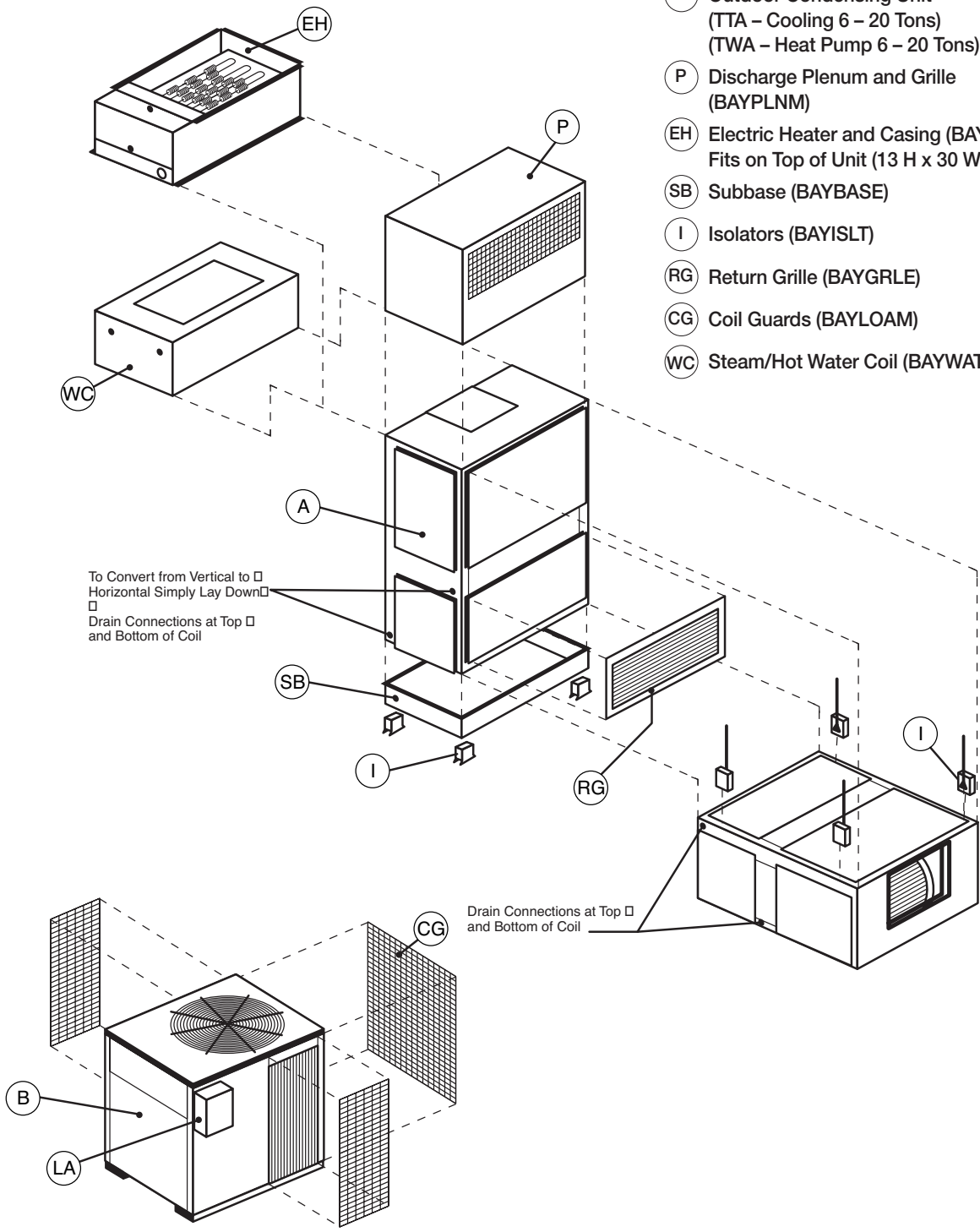
HEATING & AIR CONDITIONING

# Odyssey with Symbio™ Air Handlers Split Systems 5-25 Tons, R-410A

Light Commercial Air Handlers/Heaters

### Factory Supplied Accessories

- (A) Air Handler (TWE 5 – 25 Tons)
- (B) Outdoor Condensing Unit (TTA – Cooling 6 – 20 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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Beveled Top  
Smoother Design  
Small compact cabinet  
Recessed access handles

## Precedent™ Packaged Cooling Convertible 3-5 Tons

### Standard Features:

- American Standard scroll compressors on all 3-5 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 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-9 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)
- Froststat
- TCI (Communications Interface)
- LonTalk® (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.

LPC-1

Effective 1/1/23  
14-1011-40

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# Precedent™ Packaged Cooling Convertible 3-5 Tons, R-410A

**Table LPC-2-A — Precedent™ 17 Plus — R-410A — ReliaTel™ Controls Only**

Tons	Unit Ordering No.	Performance SEER	Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA**	Max Fuse**
<b>THC - 208-230/3/60 - Three Phase - No Heat</b>									
3	THC037E3R0A005D	17.5	36,500	36 x 44 x 69	18 x 15.5	24 x 14	614	24	30
4	THC047E3R0A005D	17.5	50,500	41 x 53 x 88	33 x 17.5	32 x 17.5	787	30	40
5	THC067E3R0A005D	17.2	60,000	41 x 53 x 88	33 x 17.5	32 x 17.5	841	33	45
<b>THC - 460/3/60 - Three Phase - No Heat</b>									
3	THC037E4R0A005D	17.5	36,500	36 x 44 x 69	18 x 15.5	24 x 14	614	12	15
4	THC047E4R0A005D	17.5	50,500	41 x 53 x 88	33 x 17.5	32 x 17.5	787	14	20
5	THC067E4R0A005D	17.2	60,000	41 x 53 x 88	33 x 17.5	32 x 17.5	841	16	20

**Table PC-2-B — Base Unit — 15 SEER High Efficiency — R-410A — Electromechanical or ReliaTel™**

Tons	Unit Ordering No.	Performance <sup>ⓐ</sup> SEER	Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA**	Max <sup>ⓐ</sup> Fuse**
<b>THC - 208/3/60 - Three Phase - No Heat</b>									
3	THC036E3*0A005D	15.0	37,600	36 x 44 x 69	18 x 15.5	24 x 14	555	21	30
4	THC048E3*0A005D	15.0	49,930	41 x 53 x 88	33 x 17.5	32 x 17.5	637	26	35
5	THC060E3*0A005D	15.0	61,000	41 x 53 x 88	33 x 17.5	32 x 17.5	869	30	45
<b>THC - 460/3/60 - Three Phase - No Heat</b>									
3	THC036E4*0A005D	15.0	37,600	36 x 44 x 69	18 x 15.5	24 x 14	555	12	15
4	THC048E4*0A005D	15.0	49,930	41 x 53 x 88	33 x 17.5	32 x 17.5	637	13	15
5	THC060E4*0A005D	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**
<b>TSC - 208-230/3/60 - Three Phase - No Heat</b>									
3	TSC036G3*0A005D	14.0	37,000	41 x 44 x 69	18 x 15.5	24 x 14	537	20	30
4	TSC048G3*0A005D	14.0	49,000	41 x 44 x 69	18 x 15.5	24 x 14	557	26	35
5	TSC060G3*0A005D	14.0	60,000	41 x 44 x 69	18 x 15.5	24 x 14	603	29	40
<b>TSC - 460/3/60 - Three Phase - No Heat</b>									
3	TSC036G4*0A005D	14.0	37,000	41 x 44 x 69	18 x 15.5	24 x 14	537	10	15
4	TSC048G4*0A005D	14.0	49,000	41 x 44 x 69	18 x 15.5	24 x 14	557	11	15
5	TSC060G4*0A005D	14.0	60,000	41 x 44 x 69	18 x 15.5	24 x 14	603	13	15
<b>TSC - 575/3/60 - Three Phase - No Heat</b>									
3	TSC036GW*0A005D	14.0	37,000	41 x 44 x 69	18 x 15.5	24 x 14	537	8	15
4	TSC048GW*0A005D	14.0	49,000	41 x 44 x 69	18 x 15.5	24 x 14	557	24	25
5	TSC060GW*0A005D	14.0	60,000	41 x 44 x 69	18 x 15.5	24 x 14	603	10	15

ⓐ HACR breaker per NEC.

ⓐ 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.

Light Commercial Packaged Cooling

# Precedent™ Packaged Cooling Convertible 3-5 Tons (Model Digit Numbers)

Digit	Description	Order Number	Digit	Description	Order Number
1-8	Main Assembly (see previous page)		20	Convenience Outlet	
9	Unit Controls			No Convenience Outlet.....	0
	Electro-Mechanical.....	E		Unpowered Convenience Outlet.....	A
	ReliaTel™ Micro-processor.....	R		Powered Convenience Outlet (3 phase only)③.....	B
10	(See Heater Table below)		21	Communications Options④	
11	Design Sequence	*		No Communications Interface.....	0
				Communications Interface (TCI).....	1
				LonTalk® Communications Interface (LCI).....	2
				BACnet™ Communications Interface.....	6
12-13	Service Sequence		22	Refrigeration System Option	
	First Sequence (Factory Supplied).....	*,*		Standard Refrigeration System.....	0
14	Fresh Air Selection			Dehumidification (Hot Gas Reheat Coil)⑤.....	B
	No Fresh Air.....	0	23	Refrigeration Controls	
	0-50% Manual Outside Air Damper⑥.....	A		<i>Note: Applicable to Digit 7 = E, F</i>	
	0-50% Motorized Outside Air Damper.....	B		No Refrigeration Control.....	0
	0-100% Economizer, Dry Bulb without Barometric Relief②.....	C		Froststat④.....	1
	0-100% Economizer, Dry Bulb with Barometric Relief②.....	D	24	Smoke Detector⑤⑥	
	0-100% Economizer, Reference Enthalpy without Barometric Relief①②.....	E		No Smoke Detector.....	0
	0-100% Economizer, Reference Enthalpy with Barometric Relief①②.....	F		Return Air Smoke Detector⑦⑧.....	A
	0-100% Economizer, Comparative Enthalpy without Barometric Relief ①②.....	G		Supply Air Smoke Detector.....	B
	0-100% Economizer, Comparative Enthalpy with Barometric Relief ①②.....	H		Supply and Return Air Smoke Detectors⑦⑧.....	C
	Low Leak Economizer, Dry Bulb with Barometric Relief.....	K		Plenum Smoke Detector.....	D
	Low Leak Economizer, Comparative Enthalpy with Barometric Relief.....	M	25	Monitoring Controls④	
	Low Leak Economizer, Reference Enthalpy with Barometric Relief.....	P		No Monitoring Control④.....	0
15	Supply Fan/Drive Type/Motor			Clogged Filter Switch④.....	1
	Standard Drive.....	0		Fan Failure Switch④.....	2
	Oversized Motor.....	1		Discharge Air Sensing Tube④.....	3
	Optional Belt Drive Motor (3 phase only).....	2		Clogged Filter Switch and Fan Fail Switch④.....	4
	Single Zone VAV.....	6		Clogged Filter Switch and Discharge Air Sensing Tube④.....	5
	Multi-Speed Indoor Fan.....	7		Fan Fail Switch and Discharge Air Sensing Tube④.....	6
	VAV Supply Air Temperature Control Standard Motor.....	E		Clogged Filter and Fan Fail Switches and Discharge Air Sensing Tube④.....	7
16	Hinged Service Access & Filters			Condensate Drain Pan Overflow Switch.....	A
	Standard Panels & Filters.....	0		Clogged Filter Switch④ and Condensate Drain Pan Overflow Switch.....	B
	Hinged Access Panels & Standard Filters.....	A		Fan Failure Switch④ and Condensate Drain Pan Overflow Switch.....	C
	Standard Panels & 2" Pleated Filters MERV 8.....	B		Discharge Air Sensing④ and Condensate Drain Pan Overflow Switch.....	D
	Hinged Access Panels & 2" Pleated Filters MERV 8.....	C		Clogged Filter Switch④, Fan Failure Switch④ and Condensate Drain Pan Overflow Switch.....	E
	Standard Panels/2" MERV 13 Filters.....	D		Clogged Filter Switch④, Discharge Air Sensing Tube④ and Condensate Drain Pan Overflow Switch.....	F
	Hinged Access Panels/2" MERV 13 Filters.....	E		Fan Failure Switch, Discharge Air Sensing Tube④ and Condensate Drain Pan Overflow Switch.....	G
17	Condenser Coil Protection			Clogged Filter Switch④, Fan Failure Switch④, Discharge Air Sensing④ and Condensate Drain Pan Overflow Switch.....	H
	Standard Coil.....	0	26	System Monitoring Controls	
	Standard Coil with Hail Guard.....	1		No Monitoring Controls.....	0
	Black Epoxy Pre-Coated Condenser Coil.....	2		Demand Control Ventilation (CO <sub>2</sub> )⑩⑪.....	A
	Black Epoxy Pre-Coated Condenser Coil with Hail Guard.....	3	27	Unit Hardware Enhancements	
	Complete Coat™ Condenser Coil.....	4		No Enhancements.....	0
	Complete Coat™ Condenser Coil with Hail Guard.....	5		Stainless Steel Drain Pan.....	1
18	Through the Base Provisions		31	Advanced Unit Controls	
	No Through the Base Provisions.....	0		Standard Unit Controls.....	0
	Through the Base Electric④.....	A		Human Interface.....	1
19	Disconnect/Circuit Breaker /Phase Monitor (3 phase only)				
	No Disconnect/ Circuit Breaker.....	0			
	Unit Mounted Non-Fused Disconnect④.....	1			
	Unit Mounted Circuit Breaker④.....	2			

Light Commercial  
Packaged Cooling

① Enthalpy control not available factory installed with electro-mechanical controls.  
 ② Economizer with Barometric Relief is for downflow configured units only. Order Economizer without Barometric Relief for horizontal configuration. Barometric relief for horizontal configured units must be ordered as field installed accessory BAYBARM010A.  
 ③ Requires use of Disconnect or Circuit Breaker.  
 ④ Froststat cannot be field installed in electro-mechanical units.  
 ⑤ Not available with BAYFRST001A High Temperature Stat accessory.  
 ⑥ The return air smoke detector may not fit up or work properly on the Convertible units when used in conjunction with 3rd party accessories such as bolt on heat wheels, economizers and power exhaust. Do not order the return air smoke detectors when using this type of accessory.  
 ⑦ Return Air Smoke Detector cannot be ordered with Novar Controls.  
 ⑧ These options are standard when ordering Novar Controls.  
 ⑨ This options for use when ordering Novar Control only.  
 ⑩ The manual outside air damper will ship factory supplied within the unit, but must be field installed.  
 ⑪ Through the base electric required when ordering disconnect/circuit breaker options.  
 ⑫ Not available with electro-mechanical unit controls.  
 ⑬ Novar Sensor utilized with digit 21 = (4) Novar 3051 Controls without Zone Sensor.  
 ⑭ Available for T/Y 10 ton standard efficiency models only.  
 ⑮ Available for T/Y 3, 4, 5, 6, 7½, 8½ ton standard/high efficiency models only.  
 ⑯ Requires selection of 2" Pleated Filters (option B or C) for Digit 16.  
 ⑰ Not available on 6 ton units and all single phase or standard efficiency.  
 ⑱ Standard on T/YSC 6, 7½ (single and dual systems), 8½, 10 ton standard efficiency models and T/YHC 4, 5, 6, 7½ ton high efficiency models (except for dehumidification models).  
 ⑲ Epoxy coil and epoxy with hailguard options are not available for units with microchannel condenser coil.  
 ⑳ Single Zone VAV is only available on 7.5-10 ton high efficiency and 10 ton standard efficiency products with ReliaTel™ controls.  
 ㉑ Multi-speed indoor fan available only on 7.5 & 8.5 ton high efficiency, and 10 ton products with ReliaTel™ controls.  
 ㉒ Motorized Outside Air Damper is not available on Multi-Speed or SZVAV (Single Zone Variable Air Volume) products.  
 ㉓ Froststat standard on Multi-Speed and SZVAV (Single Zone Variable Air Volume) products.  
 ㉔ Novar is not available with SZVAV products.  
 ㉕ Demand Control Ventilation not available with electromechanical controls.  
 ㉖ Demand Control Ventilation Option includes wiring only. The CO<sub>2</sub> sensor is a field-installed only option.  
 ㉗ When ordering Dehumidification option, Digit #7 will revert back to E, not F.

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HEATING & AIR CONDITIONING

# Precedent™ Packaged Cooling Convertible 3-5 Tons (Model Digit Numbers)

## Heaters (Digit 10)

kW Rating	Digit	Nominal BTUH	No. Stages	Used With
<b>208/240/3/60</b>				
4.5/6.0	(B)	13,400/20,500	1	T*C036-060*3
9.0/12.0	(E)	30,800/59,400	2	T*C036-060*3
13.1/17.4	(G)	44,600/59,400	2	T*C036-060*3
17.2/23.0	(J)	58,900/78,500	2	T*C060*3
<b>460/3/60</b>				
6.0	(B)	20,500	1	T*C036-060*4
12.0	(E)	41,000	2	T*C036-060*4
17.4	(G)	59,400	2	T*C036-060*4
23.0	(J)	78,500	2	T*C060*4
<b>575/3/60</b>				
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

## Digit 15 Selection Details

### Digit 15 = 0

#### Standard Efficiency

3 Phase (3 to 5 Ton) = Multispeed Direct Drive Motor

#### 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

### Digit 15 = 2

#### Standard Efficiency

3 Phase = Not Available

#### High Efficiency

1 Phase = Not Available

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HEATING & AIR CONDITIONING

# Precedent™ Packaged Cooling Convertible 3-5 Tons, R-410A Electric Heaters

**Table LPC-5-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
BAYHTRE306*	208-230/3/60	4.5/6.0	13,400/20,500	1	THC036E3 THC037E3, TSC036G-060G3
BAYHTRE312*	208-230/3/60	9.0/12.0	30,800/41,000	2	THC036E3 THC037E3, TSC036G-060G3
BAYHTRE318*	208-230/3/60	13.0/17.4	44,600/59,400	2	THC036E3 THC037E3, TSC036G-060G3
BAYHTRE323*	208-230/3/60	17.3/23.0	44,600/59,400	2	TSC060G3
BAYHTRE406*	460/3/60	6	20500	1	THC036E4 THC037E4, TSC036G-060G4
BAYHTRE412*	460/3/60	12	41000	2	THC036E4 THC037E4, TSC036G-060G4
BAYHTRE418*	460/3/60	17.4	59400	2	THC036E4 THC037E4, TSC036G-060G4
BAYHTRE423*	460/3/60	17.3/23.0	59400	2	TSC060G4
BAYHTREW06*	575/3/60	6	20500	1	TSC036G-060GW
BAYHTREW12*	575/3/60	12	41000	2	TSC036G-060GW
BAYHTREW18*	575/3/60	17.4	59400	2	TSC036G-060GW
BAYHTREW23*	575/3/60	17.3/23.0	59400	2	TSC060GW
BAYHTRX312*	208-230/3/60	9.0/12.0	30,800/41,000	2	THC047-067E3, THC048-060E3, THC048-048F3
BAYHTRX318*	208-230/3/60	13.0/17.4	44,600/59,400	2	THC047-067E3, THC048-060E3, THC048-048F3
BAYHTRX323*	208-230/3/60	17.3/23.0	59,000/78,500	2	THC067E3, THC060E3, THC060F3
BAYHTRX406*	460/3/60	6	20500	1	THC047-067E4, THC048-060E4, THC048-048F4
BAYHTRX412*	460/3/60	12	41000	2	THC047-067E4, THC048-060E4, THC048-048F4
BAYHTRX418*	460/3/60	18	59400	2	THC047-067E4, THC048-060E4, THC048-048F4
BAYHTRX423*	460/3/60	23	78500	2	THC067E4, THC060E4, THC060F4

(\*) - Parts designator subject to change

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# Precedent™ Packaged Cooling Convertible 3-5 Tons Accessories

**Table LPC-6-A – Accessories**

Model Number	Description	Used With
BAYABRD001*	<b>ReliaTel™</b> Options Module.....	All Precedents (ReliaTel™) See Note⑥
BAYASCT001	Anti-Short-Cycle Timer .....	All Precedents (Electro Mechanical)
BAYBARM010*④	Barometric Relief.....	THC036-060*, THC036E, THC037
BAYBARM011*④	Barometric Relief.....	THC048*-067*
BAYBCIR200*	BACnet™ Communication Interface .....	ReliaTel™ Controller (BCI-R)
BAYCO2K001*③⑥	CO <sub>2</sub> Sensor Kit, Wall Mounted .....	All CV AND MZVAV
BAYCO2K003*③⑥	CO <sub>2</sub> 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
BAYCURB042 / FIACURB401*②	Roof Curb .....	TSC036-060, THC036, THC037
BAYCURB043 / FIACURB402*②	Roof Curb .....	THC048-067
BAYDMPR053*	0-50% Manual Outside Air Damper.....	TSC036-060, THC036, THC037
BAYDMPR056*	0-50% Manual Outside Air Damper.....	THC047-067
BAYDMPR051*	0-50% Motorized Outside Air Damper .....	TSC036-060, THC036, THC037 (ReliaTel™)
BAYDMPR052*	0-50% Motorized Outside Air Damper .....	TSC036-060, THC036 (Electro Mechanical)
BAYDMPR054*	0-50% Motorized Outside Air Damper .....	THC047-120 (ReliaTel™)
BAYDMPR055*	0-50% Motorized Outside Air Damper .....	THC047-120 (Electro Mechanical)
BAYECON085*③	0-100% Dry Bulb Economizer without Barometric Relief .....	TSC036-060, THC036, THC037 (ReliaTel™)
BAYECON086*③	0-100% Dry Bulb Economizer without Barometric Relief .....	TSC036-060, THC036 (Electro Mechanical)
BAYECON087*③	0-100% Dry Bulb Economizer without Barometric Relief .....	THC047-120 (ReliaTel™)
BAYECON088*③	0-100% Dry Bulb Economizer without Barometric Relief .....	THC048-120 (Electro Mechanical)
BAYECON704*	Downflow Low Leak Economizer .....	THC047-067 (ReliaTel™)
BAYECON705*	Downflow Low Leak Economizer .....	TSC036-060, THC036, THC037 (ReliaTel™)
BAYENTH300*	Reference Enthalpy Kit (Solid State) .....	BAYECON086A, 088A (Electro-Mechanical)
BAYENTH301*	Comparative Enthalpy Kit (Solid State) .....	BAYECON086A, 088A (Electro-Mechanical)
BAYENTH005*①	Reference Enthalpy Kit.....	BAYECON085A, 087A (ReliaTel™)
BAYENTH006*①	Comparative Enthalpy Kit .....	BAYECON086A, 087A (ReliaTel™)
BAYFRST003*③⑥	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 (BAYDFPS003\*), Fan Fail Switch (BAYDFPS004\*), Discharge Air Sensing Kit (BAYTUBE004\*) or Evaporator Defrost Control (Frostat) (BAYLOAM020\*) Ventilation Override Kit (BAYVNOR001\*) 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.

(\*) Parts designator subject to change

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# Precedent™ Packaged Cooling Convertible 3-5 Tons Accessories

Table LPC-7-A — Accessories

Model Number	Description	Used With
BAYGARD037C	Condenser Coil Hail Guard	THC036, THC037
BAYGARD040C	Condenser Coil Hail Guard	TSC072-090, THC047-067
BAYGARD137A	Condenser Coil Hail Guard	TSC036-060
BAYICSI003A <sup>③⑥</sup>	Communications Interface (TCI)	All Precedents (ReliaTel™)
BAYLMSW001A <sup>⑩</sup>	Power Exhaust Limit Switch	All Precedents
BAYLOAM020B <sup>①③④</sup>	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
BAYPWRX026A	Power Exhaust (208-230/3 VAC)	THC047-067*3
BAYPWRX027A	Power Exhaust (460/3 VAC)	THC047-067*4
BAYPWRX028A	Power Exhaust (575/3 VAC)	THC047-067*W
BAYPWRX070A	Power Exhaust (208-230/3 VAC)	TSC036-060*3, THC036*3, THC037*3
BAYPWRX071A	Power Exhaust (460/3 VAC)	TSC036-060*4, THC036*4, THC037*4
BAYPWRX072A	Power Exhaust (575/3 VAC)	TSC036-060*W
BAYQACB009A <sup>②⑤</sup>	Quick Adapt Roof Curb	THC047-067
BAYQACB010A <sup>②⑤</sup>	Quick Adapt Roof Curb	THC047-067
BAYQACB011A <sup>②⑦</sup>	Quick Adapt Roof Curb	THC047-067
BAYQACB012A <sup>②⑦</sup>	Quick Adapt Roof Curb	TSC072-120, THC047-102
BAYQACB013 / FIAQACB027 <sup>②⑦</sup>	Quick Adapt Roof Curb	TSC072-120, THC047-102
BAYQACB114 / FIAQACB044 <sup>②⑩</sup>	Quick Adapt Roof Curb	THC048-067H
BAYQACB115A <sup>②⑩</sup>	Quick Adapt Roof Curb	THC048-067H
BAYRTEM001A <sup>⑩</sup>	Fully Featured <b>ReliaTel™</b> Economizer Logic Model	All Precedents
BAYSTAT023 <sup>③</sup>	Remote Potentiometer	All Precedents
BAYSERV001A <sup>③</sup>	Selective Resistance Service Tester	All Precedents
BAYSENS016A <sup>③</sup>	Temperature Sensor	All Precedents
BAYSENS250A <sup>③⑩</sup>	CO2 Duct Mounted, Sensor Only	All Precedents (ReliaTel™)
BAYSENS251A <sup>③⑩</sup>	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
BAYVNOR001B <sup>③④⑨</sup>	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 BAYABRD001\* is required when ordering field installed accessories Clogged Filter Switch (BAYDFPS003\*), Fan Fail Switch (BAYDFPS004\*), Discharge Air Sensing Kit (BAYTUBE004\*) or Evaporator Defrost Control (Frostat) (BAYLOAM020\*) Ventilation Override Kit (BAYVNOR001\*) 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 BAYQACB009\* adapts Voyager BAYCURB021\* to accept Precedent™ 3-5 ton unit. BAYQACB010\* adapts Voyager BAYCURB022\* to accept Precedent™ unit.
- ⑥ Cannot be used in conjunction with Barometric Relief. Order Economizer without Barometric Relief.
- ⑦ BAYQACB012\* adapts Voyager BAYCURB025\* to accept Precedent™ 6-10 ton unit. BAYQACB013\* adapts Voyager BAYCURB026\* 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, BAYLMSW001\* must be ordered.
- Ⓜ If any version of comparative or reference enthalpy is ordered, BAYRTEM001A does not need to be ordered.
- Ⓜ Order only when unit has factory installed Demand Control Ventilation option.
- Ⓜ Precedent E cabinet to Precedent D cabinet (BAYCURB044 to BAYCURB043)
- Ⓜ Precedent B cabinet to Precedent C cabinet (BAYCURB042 to BAYCURB043)

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HEATING & AIR CONDITIONING

# Precedent™ Packaged Cooling Convertible 3-5 Tons, R-410A Zone Sensors / Thermostats

**Table LPC-8-A – Zone Sensors for ReliaTel™ Controlled Units**

Model Number	Description	Used With
BAYSENS036A2	Wall-Mounted Humidity Zone Sensor	T*C036-067_R (with Reheat)
BAYSENS037A2	Duct-Mounted Humidity Zone Sensor	T*C036-067_R (with Reheat)
BAYSENS073A1	Room Sensor w/ Override and Cancel Buttons	T*036-067*R
BAYSENS074A1	Room Sensor w/ Temp. Adjustment with Override and Cancel Buttons	T*036-067*R
BAYSENS077A	Remote Room Sensor	BAYSENS106B,108B,110B, & 119A
BAYSENS106A	Single Setpoint Manual Changeover	T*C036-067_R
BAYSENS108A	Dual Setpoint Manual or Auto Changeover	T*C036-067_R
BAYSENS110A	Dual Setpoint Man. or Auto Changeover with System Function Lights	T*C036-067_R
BAYSENS119A	Programmable Night Setback w/System Function Lights	T*C036-067_R
BAYSENS135A	Digital Display Zone Sensor	T*C036-067_R
BAYSENS050A3	Wireless Zone Sensor	T*C036-067_R
BAYSENS924A	Title 24 Zone Sensor <sup>①</sup>	T*C036-067_R
BAYMTPL110A	Retrofit Wall Cover from Horizontal to Vertical	T*C036-067_R

① Used with Integrated Comfort™ Systems, any unit type. These sensors do not work with TCM. Consult BASD Marketing for them.

② For use with ReliaTel™ Controls only.

③ Kit comes with everything required for installing and operation.

④ Must be used with ReliaTel™ Control and BCI Communications Interface

\*Either standard or high efficiency models.

**Table LPC-8-B – Thermostats – Electromechanical**

Model Number	Description	Used With
BAYSTAT150A	2H/2C Digital Display Programmable Thermostat	T*C036-067*E
BAYSTAT152A	3H/2C Programmable Touchscreen Thermostat	T*C036-067*E
BAYSTAT155A	3H/2C Digital Display Thermostat	T*C036-067*E
BAYSTAT170A	Duct Mounted Return Air Sensor	BAYSTAT152A

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# ReliaTel™ Controls for Precedent™

## 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.

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HEATING & AIR CONDITIONING

## Precedent™ Packaged Cooling with Symbio™ Convertible 6-25 Tons



Small compact cabinet  
Recessed access handles



### Standard Features:

- Symbio 700 controller
- MultiSpeed Indoor
- Manifolded scroll compressors
- 6-17.5 tons = 3 stages of cooling; 20-25 tons = 4 stages of cooling
- Microchannel condenser and evaporator coils
- Colored, keyed, and numbered wiring
- Froststat
- Phase monitor
- Coil/Hailguards
- Crankcase heaters on all compressors
- 2" filters
- Backward curved direct drive plenum supply fan
- Liquid line refrigerant drier
- Operating Charge of R-410A
- Composite dual sloped drain pans
- Single point power for electric heat
- Low Ambient cooling to 40°F
- 5 - year Limited Compressor Warranty
- 3 - year Limited Parts Warranty

### Added Flexibility

- Standard or high efficiency cooling models available.
- Convertible airflow (ships in downflow application)
- 2" filters included
- Fork lift openings on three sides of unit
- 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

- Outdoor air dampers (manual or motorized)
- Economizers (Base or Low Leak)
- Dry Bulb, Reference Enthalpy, Comparative Enthalpy, or Differential Dry Bulb economizer control options
- Multiple electric heat solutions
- 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
- Low Ambient cooling to 0°F
- Clogged Filter Switch
- Dehumidification (Modulating Hot Gas Reheat)
- Symbio 700 BACnet® communication interface license
- Symbio 700 LonTalk® communication interface license
- 2" MERV 8 filters or 2" MERV 13 filters
- Single Zone or Multiple Zone VAV Indoor Airflow
- Demand Control Ventilation
- Stainless Steel Drainpan
- Condensate Drainpan Overflow Switch

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

LPC-10

Effective 1/1/23  
14-1011-40

# Precedent™ Packaged Cooling with Symbio™ Convertible 6-25 Tons, High Efficiency R-410A

Table LPC-11-A – Precedent™ High Efficiency – R-410A – Symbio

Tons	Unit Ordering No.	Performance IEER(2-speed)/EER	Net Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x W x L	Cabinet	Shipping Weight (lbs.)	MCA**	Max Fuse**
<b>THJ – 208-230/3/60 – Three Phase – No Heat</b>								
6	THJ072A3S000000	16.0/12.3	73,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>8</sub>	B	1007	38	50
7.5	THJ090A3S000000	16.8/12.3	91,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>8</sub>	B	1011	42	50
8.5	THJ102A3S000000	16.8/12.3	104,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>8</sub>	B	1027	48	60
10	THJ120A3S000000	15.5/11.7	122,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>8</sub>	B	107	54	70
12.5	THJ150A3S000000	15.3/11.1	155,000	50 <sup>7</sup> / <sub>8</sub> x 63 <sup>1</sup> / <sub>8</sub> x 99 <sup>5</sup> / <sub>8</sub>	C	1412	64	90
15	THJ180A3S000000	17.6/12.1	185,000	59 x 87 x 123	D	2040	78	100
17.5	THJ210A3S000000	15.8/11.7	214,000	59 x 87 x 123	D	2070	93	110
20	THJ240A3S000000	16.5/11.0	246,000	59 x 87 x 123	D	2140	108	125
25	THJ300A3S000000	15.8/10.7	281,000	59 x 87 x 123	D	2190	119	150
<b>THJ – 460/3/60 – Three Phase – No Heat</b>								
6	THJ072A4S000000	16.0/12.3	73,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>8</sub>	B	1007	18	20
7.5	THJ090A4S000000	16.8/12.3	91,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>8</sub>	B	1011	21	25
8.5	THJ102A4S000000	16.8/12.3	104,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>8</sub>	B	1027	25	30
10	THJ120A4S000000	15.5/11.7	122,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>8</sub>	B	107	29	40
12.5	THJ150A4S000000	15.3/11.1	155,000	50 <sup>7</sup> / <sub>8</sub> x 63 <sup>1</sup> / <sub>8</sub> x 99 <sup>5</sup> / <sub>8</sub>	C	1412	33	45
15	THJ180A4S000000	17.6/12.1	185,000	59 x 87 x 123	D	2040	41	50
17.5	THJ210A4S000000	15.8/11.7	214,000	59 x 87 x 123	D	2070	49	60
20	THJ240A4S000000	16.5/11.0	246,000	59 x 87 x 123	D	2140	54	70
25	THJ300A4S000000	15.8/10.7	281,000	59 x 87 x 123	D	2190	59	80
<b>THJ – 575/3/60 – Three Phase – No Heat</b>								
6	THJ072AWS000000	16.0/12.3	73,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>8</sub>	B	1007	15	15
7.5	THJ090AWS000000	16.8/12.3	91,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>8</sub>	B	1011	17	20
8.5	THJ102AWS000000	16.8/12.3	104,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>8</sub>	B	1027	29	40
10	THJ120AWS000000	15.5/11.7	122,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>8</sub>	B	107	22	30
12.5	THJ150AWS000000	15.3/11.1	155,000	50 <sup>7</sup> / <sub>8</sub> x 63 <sup>1</sup> / <sub>8</sub> x 99 <sup>5</sup> / <sub>8</sub>	C	1412	26	35
15	THJ180AWS000000	17.6/12.1	185,000	59 x 87 x 123	D	2040	32	40
17.5	THJ210AWS000000	15.8/11.7	214,000	59 x 87 x 123	D	2070	37	50
20	THJ240AWS000000	16.5/11.0	246,000	59 x 87 x 123	D	2140	47	60
25	THJ300AWS000000	15.8/10.7	281,000	59 x 87 x 123	D	2190	46	60

\*\* Information subject to change. Please confirm with current product catalog Or IOM for current factory production.

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# Precedent™ Packaged Cooling with Symbio™ Convertible 6-25 Tons

Table LPC-12-A – Base Unit – Standard Efficiency – R-410A – Symbio

Tons	Unit Ordering No.	Performance IEEER(2-speed)/EER	Net Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x W x L	Cabinet	Shipping Weight (lbs.)	MCA**	Max Fuse**
<b>TSC – 208-230/3/60 – Three Phase – No Heat</b>								
6	TSJ072A3S000000	14.8/11.2	72,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>8</sub>	B	1007	38	50
7.5	TSJ090A3S000000	14.8/11.2	90,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>8</sub>	B	1011	42	50
8.5	TSJ102A3S000000	14.8/11.2	102,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>8</sub>	B	1027	48	60
10	TSJ120A3S000000	14.8/11.2	120,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>8</sub>	B	107	54	70
12.5	TSJ150A3S000000	14.2/11.0	150,000	50 <sup>7</sup> / <sub>8</sub> x 63 <sup>3</sup> / <sub>8</sub> x 99 <sup>5</sup> / <sub>8</sub>	C	1412	64	90
15	TSJ180A3S000000	14.2/11.0	182,000	59 x 87 x 123	D	2040	78	100
17.5	TSJ210A3S000000	14.2/11.0	210,000	59 x 87 x 123	D	2070	93	110
20	TSJ240A3S000000	13.2/10.0	240,000	59 x 87 x 123	D	2140	108	125
25	TSJ300A3S000000	13.2/10.0	271,000	59 x 87 x 123	D	2190	119	150
<b>TSC – 460/3/60 – Three Phase – No Heat</b>								
6	TSJ072A4S000000	14.8/11.2	72,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>8</sub>	B	1007	18	20
7.5	TSJ090A4S000000	14.8/11.2	90,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>8</sub>	B	1011	21	25
8.5	TSJ102A4S000000	14.8/11.2	102,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>8</sub>	B	1027	25	30
10	TSJ120A4S000000	14.8/11.2	120,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>8</sub>	B	107	29	40
12.5	TSJ150A4S000000	14.2/11.0	150,000	50 <sup>7</sup> / <sub>8</sub> x 63 <sup>3</sup> / <sub>8</sub> x 99 <sup>5</sup> / <sub>8</sub>	C	1412	33	45
15	TSJ180A4S000000	14.2/11.0	182,000	59 x 87 x 123	D	2040	41	50
17.5	TSJ210A4S000000	14.2/11.0	210,000	59 x 87 x 123	D	2070	49	60
20	TSJ240A4S000000	13.2/10.0	240,000	59 x 87 x 123	D	2140	54	70
25	TSJ300A4S000000	13.2/10.0	271,000	59 x 87 x 123	D	2190	59	80
<b>TSC – 575/3/60 – Three Phase – No Heat</b>								
6	TSJ072AWS000000	14.8/11.2	72,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>8</sub>	B	1007	15	15
7.5	TSJ090AWS000000	14.8/11.2	90,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>8</sub>	B	1011	17	20
8.5	TSJ102AWS000000	14.8/11.2	102,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>8</sub>	B	1027	29	40
10	TSJ120AWS000000	14.8/11.2	120,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>8</sub>	B	107	22	30
12.5	TSJ150AWS000000	14.2/11.0	150,000	50 <sup>7</sup> / <sub>8</sub> x 63 <sup>3</sup> / <sub>8</sub> x 99 <sup>5</sup> / <sub>8</sub>	C	1412	26	35
15	TSJ180AWS000000	14.2/11.0	182,000	59 x 87 x 123	D	2040	32	40
17.5	TSJ210AWS000000	14.2/11.0	210,000	59 x 87 x 123	D	2070	37	50
20	TSJ240AWS000000	13.2/10.0	240,000	59 x 87 x 123	D	2140	47	60
25	TSJ300AWS000000	13.2/10.0	271,000	59 x 87 x 123	D	2190	46	60

\*\* Information subject to change. Please confirm with current product catalog Or IOM for current factory production.

Light Commercial Packaged Cooling

# Precedent™ Packaged Cooling with Symbio™ Convertible 6-25 Tons (Model Digit Numbers)

Digit	Description	Order Number	Digit	Description	Order Number
1	<b>Unit Function</b>		16	<b>Hinged Service Access &amp; Filters</b>	
	DX Cooling.....	T		Standard Panels/Standard Filters.....	0
2	<b>Cooling Efficiency</b>			Hinged Access Panels/Standard Filters.....	A
	Standard Efficiency.....	S		Standard Panels/2" MERV 8 Filters.....	B
	High Efficiency.....	H		Hinged Access Panels/2" MERV 8 Filters.....	C
3	<b>Refrigerant</b>			Standard Panels/2" MERV 13 Filters.....	D
	R-410A.....	J		Hinged Access Panels/2" MERV 13 Filters.....	E
4,5,6	<b>Nominal Gross Cooling Capacity (MBh)</b>		17	<b>Condenser Coil Protection</b>	
	6 Ton.....	072		Standard Coil.....	0
	7.5 Ton.....	090		Condenser with CompleteCoat™.....	1
	8.5 Ton.....	102	18	<b>Through the Base Provisions</b>	
	10 Ton.....	120		No Through-the-Base-Provisions.....	0
	12.5 Ton.....	150		Through-the-Base Electric.....	A
	15 Ton.....	180	19	<b>Disconnect/Circuit Breaker (3 phase only)</b>	
	17.5 Ton.....	210		No Disconnect/Circuit Breaker.....	0
	20 Ton.....	240		Unit Mounted/Non-Fused Disconnect.....	1
	25 Ton.....	300		Unit Mounted Circuit Breaker.....	2
7	<b>Design Sequence</b>		20	<b>Convenience Outlet</b>	
		*		No Convenience Outlet.....	0
8	<b>Voltage</b>			Unpowered 20A Convenience Outlet.....	A
	208-230/60/3.....	3		Powered 15A Convenience Outlet (3 phase only).....	B
	460/60/3.....	4	21	<b>Communications Options</b>	
	575/60/3.....	W		No Communications Interface.....	0
9	<b>Unit Controls</b>			Advanced Controller with BACnet® Communications Interface.....	1
	Symbio 700.....	S		Advanced Controller with LonTalk® Communications Interface.....	2
10	<b>Heat Type</b>			Advanced Controller with Air-Fi® Communications Interface.....	3
	Base Model (None or Electric).....	0	22	<b>Refrigeration System Option</b>	
11	<b>Heating Capacity</b>			Standard Refrigeration System.....	0
	No Heat.....	0		Dehumidification Option ①②.....	A
	9 kW Electric Heat.....	C	23	<b>Controls Expansion Module</b>	
	18 kW Electric Heat.....	G		None.....	0
	27 kW Electric Heat.....	K		XM-30 Expansion Module.....	1
	36 kW Electric Heat.....	N		XM-32 Expansion Module.....	2
	54 kW Electric Heat.....	P		XM-30 and XM-32 Expansion Module.....	3
	72 kW Electric Heat.....	R		XM-30 Expansion Module (Qty 2).....	4
12-13	<b>Service Sequence</b>			XM-32 Expansion Module (Qty 2).....	5
	Factory Supplied.....	*,*	24	<b>Smoke Detector</b>	
14	<b>Fresh Air Selection</b>			No Smoke Detector.....	0
	No Fresh Air.....	0		Return Air Smoke Detector2.....	A
	Manual Outside Air Damper 0-50%.....	A		Supply Air Smoke Detector1.....	B
	Motorized Outside Air Damper 0-50%.....	B		Supply and Return Air Smoke Detectors ①②.....	C
	Economizer, Dry Bulb 0-100% without Barometric Relief②.....	C	25	<b>System Monitoring Controls</b>	
	Economizer, Dry Bulb 0-100% with Barometric Relief②.....	D		No Monitoring Control.....	0
	Economizer, Reference Enthalpy 0-100% without Barometric Relief②.....	E		Clogged Filter Switch2.....	1
	Economizer, Reference Enthalpy 0-100% with Barometric Relief②.....	F		Condensate Overflow Switch①.....	2
	Economizer, Comparative Enthalpy 0-100% without Barometric Relief②.....	G		Discharge Air Sensing Tube.....	3
	Economizer, Comparative Enthalpy 0-100% with Barometric Relief②.....	H		Clogged Filter Switch and Condensate Overflow Switch②③.....	4
	Downflow Low Leak Economizer, Dry Bulb with Barometric Relief②.....	K		Clogged Filter Switch and Discharge Air Sensing Tube②.....	5
	Downflow Low Leak Economizer, Reference Enthalpy with Barometric Relief②.....	M		Condensate Overflow Switch and Discharge Air Sensing Tube①.....	6
	Downflow Low Leak Economizer, Comparative Enthalpy with Barometric Relief②.....	P		Clogged Filter Switch, Condensate Overflow Switch and Discharge Air Sensing Tube①②.....	7
	Downflow Low Leak Economizer, Differential Dry Bulb with Barometric Relief②.....	R	26	<b>Not Used</b>	
15	<b>Supply Fan/Drive Type/Motor</b>				
	Standard Drive.....	0	27	<b>Hardware Enhancements</b>	
	Optional Oversized/High Static Motor.....	1		No Enhancements.....	0
	Single Zone Variable Air Volume (SZVAV) with Standard Motor.....	2		Stainless Steel Drain Pan.....	1
	Single Zone Variable Air Volume (SZVAV) with Oversized/High Static Motor.....	3	28	<b>Short Circuit Current Rating</b>	
	Multiple Zone Variable Air Volume (MZVAV) with Standard Motor.....	4		Standard (5k) SCCR Marking.....	0
	Multiple Zone Variable Air Volume (MZVAV) with Oversized/High Static Motor.....	5		Tier 2 (=65K) SCCR Marking.....	A
			29	<b>Low Ambient4</b>	
				None.....	0
				Low Ambient Cooling to 0°F.....	A

Light Commercial Packaged Cooling

① Includes Symbio Indoor Module.  
 ② Includes Symbio Fresh Air Module.  
 ③ Includes Symbio Customer Connection Module.  
 ④ Standard Low Ambient Cooling Limit is 40°F.

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# Precedent™ Packaged Cooling with Symbio™ Convertible 6-25 Tons, R-410A Electric Heaters

Table LPC-14-A — Accessory — Electric Heaters

Model Number	Power Supply	kW Rating	Nominal BTUH	No. Stages	Used With Cabinet	Used With
FIAEHTB309*①	208-230/3/60	6.8/9	23,203/30,709	1	B	TSJ/THJ072A3-102A3
FIAEHTB318*①	208-230/3/60	13.5/18	46,064/61,419	1	B	TSJ/THJ072A3-120A3
FIAEHTB327*①	208-230/3/60	20.3/27	69,266/92,128	2	B	TSJ/THJ072A3-120A3
FIAEHTB336*①	208-230/3/60	27/36	92,128/122,837	2	B	TSJ/THJ072A3-120A3
FIAEHTB354*①	208-230/3/60	40.6/54	138,533/184,256	2	B	TSJ/THJ120A3
FIAEHTC318*①	208-230/3/60	13.5/18	46,064/61,419	1	C	TSJ/THJ150A3
FIAEHTC327*①	208-230/3/60	20.3/27	69,266/92,128	2	C	TSJ/THJ150A3
FIAEHTC336*①	208-230/3/60	27/36	92,128/122,837	2	C	TSJ/THJ150A3
FIAEHTC354*①	208-230/3/60	40.6/54	138,533/184,256	2	C	TSJ/THJ150A3
FIAEHTD318*①	208-230/3/60	13.5/18	46,064/61,419	1	D	TSJ/THJ180A3
FIAEHTD336*①	208-230/3/60	27/36	92,128/122,837	2	D	TSJ/THJ180A3-300A3
FIAEHTD354*①	208-230/3/60	40.6/54	138,533/184,256	2	D	TSJ/THJ180A3-300A3
FIAEHTD372*①	208-230/3/60	54/72	184,256/245,674	2	D	TSJ/THJ210A3-300A3
FIAEHTB409*①	460/3/60	9	30,709	1	B	TSJ/THJ072A4-102A4
FIAEHTB418*①	460/3/60	18	61,419	1	B	TSJ/THJ072A4-120A4
FIAEHTB427*①	460/3/60	27	92,128	2	B	TSJ/THJ072A4-120A4
FIAEHTB436*①	460/3/60	36	122,837	2	B	TSJ/THJ072A4-120A4
FIAEHTB454*①	460/3/60	54	184,256	2	B	TSJ/THJ120A4
FIAEHTC418*①	460/3/60	18	61,419	1	C	TSJ/THJ150A4
FIAEHTC427*①	460/3/60	27	92,128	2	C	TSJ/THJ150A4
FIAEHTC436*①	460/3/60	36	122,837	2	C	TSJ/THJ150A4
FIAEHTC454*①	460/3/60	54	184,256	2	C	TSJ/THJ150A4
FIAEHTD418*①	460/3/60	18	61,419	1	D	TSJ/THJ180A4
FIAEHTD436*①	460/3/60	36	122,837	2	D	TSJ/THJ180A4-300A4
FIAEHTD454*①	460/3/60	54	184,256	2	D	TSJ/THJ180A4-300A4
FIAEHTD472*①	460/3/60	72	245,674	2	D	TSJ/THJ210A4-300A4
FIAEHTBW09*①	575/3/60	9	30,709	1	B	TSJ/THJ072AW-102AW
FIAEHTBW18*①	575/3/60	18	61,419	1	B	TSJ/THJ072AW-120AW
FIAEHTBW27*①	575/3/60	27	92,128	2	B	TSJ/THJ072AW-120AW
FIAEHTBW36*①	575/3/60	36	122,837	2	B	TSJ/THJ072AW-120AW
FIAEHTBW54*①	575/3/60	54	184,256	2	B	TSJ/THJ120AW
FIAEHTCW18*①	575/3/60	18	61,419	1	C	TSJ/THJ150AW
FIAEHTCW27*①	575/3/60	27	92,128	2	C	TSJ/THJ150AW
FIAEHTCW36*①	575/3/60	36	122,837	2	C	TSJ/THJ150AW
FIAEHTCW54*①	575/3/60	54	184,256	2	C	TSJ/THJ150AW
FIAEHTDW18*①	575/3/60	18	61,419	1	D	TSJ/THJ180AW
FIAEHTDW36*①	575/3/60	36	122,837	2	D	TSJ/THJ180AW-300AW
FIAEHTDW54*①	575/3/60	54	184,256	2	D	TSJ/THJ180AW-300AW
FIAEHTDW72*①	575/3/60	72	245,674	2	D	TSJ/THJ210AW-300AW

① Requires Symbio™ Indoor Options Module (FIAOPTN001\*) for field installed. Factory installed includes indoor option module.

(\*) Parts designator subject to change

Light Commercial Packaged 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.

# Precedent™ Packaged Cooling with Symbio™ Convertible 6-25 Tons, R-410A Accessories

Table LPC-15-A – Accessories

Model Number	Description	Used With Cabinets	Used With
FIABARM002*	Barometric Relief.....	B/C	TSJ/THJ072A-150A
FIABARM003*	Barometric Relief.....	D	TSJ/THJ180-300A
FIAC02K001*	CO2 (DCV) Wall Mounted Sensor.....	ALL	TSJ/THJ072A-300A
FIAC02K002*	CO2 (DCV) Duct Mounted Sensor.....	ALL	TSJ/THJ072A-300A
FIACURB402*	14-inch Full Perimeter Knockdown Curb.....	B	TSJ/THJ072A-120A
FIACURB403*	14-inch Full Perimeter Knockdown Curb.....	C	TSJ/THJ150A
FIACURB404*	14-inch Full Perimeter Knockdown Curb.....	D	TSJ/THJ180A-300A
FIACLS001* <sup>②</sup>	Clogged Filter Switch.....	B/C	TSJ/THJ072A-150A
FIACLS002* <sup>②</sup>	Clogged Filter Switch (MERV13).....	B/C	TSJ/THJ072A-150A
FIACLS003* <sup>②</sup>	Clogged Filter Switch.....	D	TSJ/THJ180A-300A
FIACLS004* <sup>②</sup>	Clogged Filter Switch (MERV13).....	D	TSJ/THJ180A-300A
FIADAST003*	Discharge Air Sensing Tube Kit T/W Models.....	B	TSJ/THJ072A-120A
FIADAST005*	Discharge Air Sensing Tube Kit T/W Models.....	C	TSJ/THJ150A
FIADAST008*	Discharge Air Sensing Tube Kit T/W Models.....	D	TSJ/THJ180A-300A
FIADFDB001* <sup>②</sup>	Differential Dry Bulb Economizer Control.....	ALL	TSJ/THJ072A-300A
FIADMPR002*	Manual Damper.....	B/C	TSJ/THJ072A-150A
FIADMPR003*	Manual Damper.....	D	TSJ/THJ180A-300A
FIADMPR102*	Motorized Damper.....	B/C	TSJ/THJ072A-150A
FIADMPR103*	Motorized Damper.....	D	TSJ/THJ180A-300A
FIAECON002* <sup>②</sup>	Dry Bulb Economizer.....	B/C	TSJ/THJ072A-150A
FIAECON102* <sup>②</sup>	Dry Bulb Downflow Low Leak.....	B/C	TSJ/THJ072A-150A
FIAECON003* <sup>②</sup>	Dry Bulb Downflow Economizer.....	D	TSJ/THJ180A-300A
FIAECON303* <sup>②</sup>	Dry Bulb Horizontal Economizer.....	D	TSJ/THJ180A-300A
FIAECON103* <sup>②</sup>	Dry Bulb Downflow Low Leak.....	D	TSJ/THJ180A-300A
FIAECON203* <sup>②</sup>	Dry Bulb Horizontal Low Leak.....	D	TSJ/THJ180A-300A
FIAENTH001*	Reference Enthalpy Economizer Control.....	ALL	TSJ/THJ072A-300A
FIAENTH002*	Comparative Enthalpy Economizer Control.....	ALL	TSJ/THJ072A-300A
FIAHTST001*	High Temperature (Fire) Duct Mounted Stat.....	ALL	TSJ/THJ072A-300A
FIAHZDC001*	Horizontal Conversion Panel.....	D	TSJ/THJ180A-300A
FIALOAM001*	Low Ambient.....	ALL	TSJ/THJ072A-300A
FIALTCI001*	LonTalk Communication Interface.....	ALL	TSJ/THJ072A-300A
FIAOPTN001*	Indoor Options Module.....	ALL	TSJ/THJ072A-300A
FIAOPTN002*	Fresh Air Options Module.....	ALL	TSJ/THJ072A-300A
FIAOVFL001* <sup>①</sup>	Condensate Overflow Switch.....	ALL	TSJ/THJ072A-300A
FIAPWRX302*	Power Exhaust 230V.....	B/C	TSJ/THJ072A3-150A3
FIAPWRX402*	Power Exhaust 460V.....	B/C	TSJ/THJ072A4-150A4
FIAPWRXW02*	Power Exhaust 575V.....	B/C	TSJ/THJ072AW-150AW
FIAPWRX303*	Power Exhaust 230V.....	D	TSJ/THJ180A3-300A3
FIAPWRX403*	Power Exhaust 460V.....	D	TSJ/THJ180A4-300A4
FIAPWRXW03*	Power Exhaust 575V.....	D	TSJ/THJ180AW-300AW
FIAQACB026*	Adapter Curb, Existing BAYCURB026 to New C Cabinet (FIACURB403A).....	C	TSJ/THJ150A
FIAQACB027*	Adapter Curb, Existing BAYCURB027 to New C Cabinet (BAYCURB403A).....	C	TSJ/THJ150A
FIAQACB044*	Adapter Curb, Existing BAYCURB044 to New B Cabinet (BAYCURB402A).....	B	TSJ/THJ072A-120A
FIASCCM001* <sup>③④</sup>	Symbio Customer Connection Module.....	ALL	TSJ/THJ072A-300A
FIAXMOD030* <sup>④⑤</sup>	Symbio 700 XM30 Expansion Module.....	ALL	TSJ/THJ072A-300A
FIAXMOD032* <sup>④⑤</sup>	Symbio 700 XM32 Expansion Module.....	ALL	TSJ/THJ072A-300A

- ① Requires Symbio™ Indoor Options Module.
- ② Requires Symbio™ Fresh Air Options Module.
- ③ Provides Ventilation Override, External Auto/Stop, Alarm Indicator, Remote Min Position.
- ④ Requires Symbio™ Advanced Controller (digit 21=1 or 3).
- ⑤ Requires Tracer TU and Utilizes TGP2 Software (programming knowledge required).
- (\*) Parts designator subject to change

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# 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-16-A — Foundation™ - R-410A - Electromechanical Controls**

Tons	Unit Model No	Power Supply Volts/Phase/Hz	Performance SEER	Cooling Capacity (Btuh)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	MCA**	Max Fuse Size or Max Circuit Breaker**	Downflow Roofcurb <sup>①</sup>
<b>GBC - Three Phase No Heat</b>									
3	EBC036A3E0B0000	208-230/3/60	14.0	36,000	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	523	19.5	25	BAYCURB320
4	EBC048A3E0B0000	208-230/3/60	14.0	48,000	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	566	23.6	35	BAYCURB320
5	EBC060A3E0B0000	208-230/3/60	14.0	57,500	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	586	26.4	40	BAYCURB320
<hr/>									
3	EBC036A4E0B0000	460/3/60	14.0	36,000	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	523	10.5	15	BAYCURB320
4	EBC048A4E0B0000	460/3/60	14.0	48,000	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	566	11	15	BAYCURB320
5	EBC060A4E0B0000	460/3/60	14.0	57,500	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	586	12.9	20	BAYCURB320
<hr/>									
3	EBC036AWE0B0000	575/3/60	14.0	36,000	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	523	6.8	15	BAYCURB320
4	EBC048AWE0B0000	575/3/60	14.0	48,000	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	566	8.1	15	BAYCURB320
5	EBC060AWE0B0000	575/3/60	14.0	57,500	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	586	9.2	15	BAYCURB320

<sup>①</sup> 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

Light Commercial Packaged 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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# Foundation™ Packaged Cooling 3-5 Tons, R-410A (Model Digit Numbers)

Digit	Description	Order Number	Digit	Description	Order Number
1	<b>Unit Function</b>		15	<b>Supply Fan/Drive Type/Motor</b>	
	Packaged Cooling, Electric Heat .....	E		Multi-Speed Standard Motor.....	7
2	<b>Efficiency</b>			Multi-Speed Oversized Motor .....	9
	Generation B.....	B	16	<b>Access</b>	
	Generation C - DOE.....	C		Standard Fork Access .....	0
3	<b>Airflow Configuration</b>			Third Side Condenser Fork Access (15-25 Tons) .....	F
	Convertible.....	C	17	<b>Condenser Coil Protection</b>	
4,5,6	<b>Nominal Gross Cooling Capacity (MBh)</b>			Standard Coil .....	0
	3 Ton.....	036		Condenser with CompleteCoat™ .....	4
	4 Ton.....	048	18	<b>Through the Base Provisions</b>	
	5 Ton.....	060		No Through-the Base-Provisions	0
	15 Ton.....	180		Through-the-Base Electric	A
	17.5 Ton.....	210	19	<b>Disconnect/Circuit Breake (3 phase only)</b>	
	20 Ton.....	240		No Disconnect/Circuit Breaker .....	0
	25 Ton.....	300		Unit Mounted/Non-Fused Disconnect® .....	1
7	<b>Design Sequence</b>	*	20-24	<b>Not Used</b>	
8	<b>Voltage</b>			No Convenience Outlet .....	0000
	208-230/60/3 .....	3	25	<b>System Monitoring Controls 1</b>	
	460/60/3 .....	4		No Monitoring Controls .....	0
	575/60/3 .....	W		Condensate Drain Pan Overflow Switch.....	A
9	<b>Unit Controls</b>		26	<b>System Monitoring Controls 2</b>	
	Electromechanical .....	E		Economizer Fault Detection and Diagnostics (FDD)® .....	B
10	<b>Heating Capacity</b>				
	No Heat	0			
	5 kW Electric Heat	A			
	7.5 kW Electric Heat	B			
	10 kW Electric Heat	C			
	14.4 kW Electric Heat	D			
	20 kW Electric Heat	E			
	25 kW Electric Heat	F			
	18 kW Electric Heat	G			
	36 kW Electric Heat	N			
	54 kW Electric Heat	P			
	72 kW Electric Heat	R			
11	<b>Design Sequence</b>	*			
12-13	<b>Service Sequence</b>	*,*			
14	<b>Fresh Air Selection</b>				
	No Fresh Air .....	0			
	Manual Outside Air Damper 0-25% .....	A			
	Motorized Outside Air Damper 0-50%.....	B			
	Economizer, Dry Bulb 0-100% without Barometric Relief.....	C			
	Economizer, Dry Bulb 0-100% with Barometric Relief①.....	D			
	Economizer, Reference Enthalpy 0-100% without Barometric Relief.....	E			
	Economizer, Reference Enthalpy 0-100% with Barometric Relief① .....	F			
	Economizer, Comparative Enthalpy 0-100% without Barometric Relief.....	G			
	Economizer, Comparative Enthalpy 0-100% with Barometric Relief① .....	H			
	Downflow Low Leak Economizer, Dry Bulb without Barometric Relief.....	J			
	Downflow Low Leak Economizer, Reference Enthalpy without Barometric Relief.....	L			
	Downflow Low Leak Economizer, Comparative Enthalpy without Barometric Relief.....	N			
<p>① Some field set up required                  ② Must be ordered through the base electrical option                  ③ All factory installed Options are Built-to-Order. Check order services for estimated production cycle                  ④ Factory installed economizers only available in downflow configuration                  ⑤ Fault Detection and Diagnostics (FDD) is available on Low Leak Economizers only</p>					

Light Commercial  
Packaged 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.

# Foundation™ Packaged Cooling 3-5 Ton Accessories

**Table LPC-18-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.

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# Foundation™ Packaged Cooling 3-5 Ton Heaters

**Table LPC-19-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*

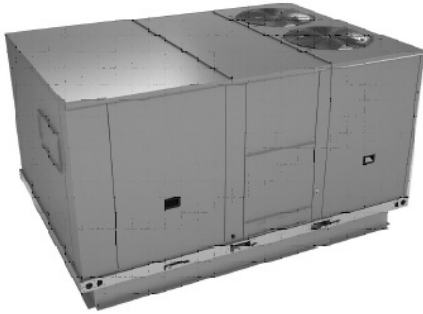
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For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

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## Medium Foundation™ Packaged Cooling 7.5-12.5 Tons, R-410A



- Scroll compressors on all units
- Operating charge of R-410A
- Low ambient operation to 40°F as standard
- Color coded and numbered wiring
- Single side service access
- Molded handles on service access doors
- Separated high and low voltage compartments
- Liquid Line Refrigerant Drier
- Provisions for through the base connections
- Phase monitor on all units
- Convertible airflow
- Two inch throwaway filters as standard
- Non-corrosive & removable drain pan
- **5-year limited compressor warranty (7.5 - 12.5 tons)**

Table PC-20-A – Foundation™ – R-410A – Electromechanical Controls - 2-Speed Fan

Tons	Unit Model No.	Power Supply Volts/Phase/Hz	Performance (IEER)	Cooling Capacity (Btuh)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	MCA	Max Fuse Size or Max Circuit Breaker <sup>①</sup>	Downflow Roofcurb
<b>ECC* - Three Phase No Heat</b>									
7½	ECC090A3E0A3YXA*	208-230/3/60			44 x 58¾ x 88¾	999	37	50	BAYCURB310
8½	ECC102A3E0A3YXA*	208-230/3/60			49⅞ x 58¾ x 88¾	1073	40	50	BAYCURB310
10	ECC120A3E0A3YXA*	208-230/3/60			49⅞ x 58¾ x 88¾	1144	54	70	BAYCURB310
12½	ECC150A3E0A3YXA*	208-230/3/60			49⅞ x 58¾ x 88¾	1246	62	80	BAYCURB310
15	ECC090A4E0A3YXA*	460/3/60			44 x 58¾ x 88¾	999	22	25	BAYCURB310
17½	ECC102A4E0A3YXA*	460/3/60			49⅞ x 58¾ x 88¾	1073	23	30	BAYCURB310
20	ECC120A4E0A3YXA*	460/3/60			49⅞ x 58¾ x 88¾	1144	27	35	BAYCURB310
25	ECC150A4E0A3YXA*	460/3/60			49⅞ x 58¾ x 88¾	1246	31	40	BAYCURB310

① HACR Circuit Breaker Type Per NEC.

3YXA medium Foundation models include multi-speed motor.

Information subject to change. Please confirm with current Product Data for current factory production.

Light Commercial Packaged Cooling

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.

LPC-20

Effective 1/1/23  
14-1011-40

# Medium Foundation™ Packaged Cooling 7.5-12.5 Tons, R-410A (Model Digit Numbers)

Digit	Description	Order Number	Digit	Description	Order Number
1	<b>Unit Function</b> Packaged Cooling, Electric Heat .....	E	14	<b>Fresh Air Selection</b> ⓐⓑ	
2	<b>Efficiency</b> Generation C - DOE .....	C	15	<b>Supply Fan/Drive Type/Motor</b> Multi-Speed Standard Motor .....	7
3	<b>Airflow Configuration</b> Convertible .....	C	16	<b>Unit Type</b> Medium Foundation .....	M
4,5,6	<b>Nominal Gross Cooling Capacity (MBh)</b> 7.5 Ton .....	090	17	<b>Condenser Coil Protection</b> Standard Coil .....	0
	8.5 Ton .....	102	18	<b>Through the Base Provisions</b> No Through-the Base-Provisions .....	0
	10 Ton .....	120	19	<b>Disconnect/Circuit Breake (3 phase only)</b> No Disconnect/Circuit Breaker .....	0
	12.5 Ton .....	150	20-24	<b>Not Used</b> No Convenience Outlet .....	0000
7	<b>Design Sequence</b>	*	25	<b>System Monitoring Controls 1</b> No Monitoring Controls .....	0
8	<b>Voltage</b> 208-230/60/3 .....	3	26	<b>System Monitoring Controls 2</b> Economizer Fault Detection and Diagnostics (FDD)Ⓒ .....	B
	460/60/3 .....	4			
9	<b>Unit Controls</b> Electromechanical .....	E			
10	<b>Heating Capacity</b> Cooling Only .....	0			
11	<b>Minor Design Sequence</b>	*			
12-13	<b>Service Sequence</b>	**			

ⓐ Some field set up required  
 ⓑ Must be ordered through the base electrical option  
 Ⓒ All factory installed Options are Built-to-Order. Check order services for estimated production cycle  
 Ⓓ Factory installed economizers only available in downflow configuration  
 Ⓔ Fault Detection and Diagnostics (FDD) is available on Low Leak Economizers only

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# Medium Foundation™ Packaged Cooling 7.5 - 12.5 Tons Accessories

Table LPC-22-A — Foundation™ - R-410A - Field Installed Accessories

Model Number	Description	Used With
BAYTBUE310	Through the Base Electrical Connections	All Foundation 15-25 Ton Units
BAYDSCF300	Unit Mounted Disconnect, 100 Amp Not for use when electric heat installed	ECC090* - ECC150
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
BAYDMPR311	Damper, Manual	ECC090A* - ECC150A*
BAYDMPR310	Damper, Motorized	ECC090A* - ECC150A*
BAYECON310	Economizer, Dry Bulb, Downflow	ECC090A* - ECC150A*
BAYECON311	Economizer, Dry Bulb, Horizontal	ECC090A* - ECC150A*
BAYECON355 <sup>①</sup>	Low Leak Economizer w/FDD, Dry Bulb, Downflow	ECC090A* - ECC150A*
BAYECON356	Low Leak Economizer w/FDD, Dry Bulb, Horizontal	ECC090A* - ECC150A*
BAYBARO310	Barometric Relief Damper, 7.5 - 12.5T	ECC090A* - ECC150A*
BAYENTH310	Reference Enthalpy Economizer Kit	ECC090A* - ECC150A*
BAYENTH311	Comparative Enthalpy Economizer Kit	ECC090A* - ECC150A*
BAYENTH312 <sup>②</sup>	Reference Enthalpy Economizer Kit	ECC090A* - ECC150A* w/Low Leak Economizer & FDD
BAYENTH313 <sup>②</sup>	Comparative Enthalpy Economizer Kit	ECC090A* - ECC150A* w/Low Leak Economizer & FDD
BAYCURB310	Roof Curb	ECC090A* - ECC150A*
BAYGARD310	Condenser Hail Guard	ECC090A
BAYGARD311	Condenser Hail Guard	ECC102A* ECC150A*
BAYCCHT300	Crankcase Heater, 70W, 230V	ECC1B0A3* - ECC300A3*
BAYCCHT301	Crankcase Heater, 70W, 460V	ECC1B0A4* - ECC300A4*
BAYCCHT302	Crankcase Heater, 70W, 575V	ECC1B0AW* - ECC300AW*
BAYASCT001	Compressor Short Cycle Timer	ECC090A* - ECC150A
BAYLOAM300	Low Ambient Control	EBC180A* - EBC300A*
BAYLOAM310	Evaporator Defrost Control	EBC180A* - EBC300A*
BAYPWRX310 <sup>①</sup>	Power Exhaust, 15-25T, DF, 230V	ECC090A3* - ECC150A3*
BAYPWRX311 <sup>①</sup>	Power Exhaust, 15-25T, DF, 460V	ECC090A4* - ECC150A4*
BAYPWRX312 <sup>①</sup>	Power Exhaust, 15-25T, DF, 575V	ECC090AW* - ECC150AW*
BAYHSDR300	High Static Drive Option	EBC180A* - EBC300A*
BAYCO2K300	Wall Mounted CO2 Sensor	ECC090A* - ECC150A* with economizer
BAYCO2K301	Duct Mounted CO2 Sensor	ECC090A* - ECC150A* with economizer
BAYCOSW300	Drain Pan Overflow Switch	ECC090A* - ECC150A*
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.

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# Medium Foundation™ Packaged Cooling 7.5 - 12.5 Tons Heaters

Table LPC-23-A — Foundation™ - R-410A - Field Installed Accessories

Model Number	Power Supply	kW Rating	Nominal BTUH	No. Stages	Used With
EHK-10CUL	208-230/3/60	10.4	35490	1	ECC090A3* - ECC150A3*
EHK-15CUL	208-230/3/60	16	54590	1	ECC090A3* - ECC150A3*
EHK-25CUL	208-230/3/60	25	85300	1	ECC090A3* - ECC150A3*
EHK-32CUL	208-230/3/60	32	109190	2	ECC090A3* - ECC150A3*
EHK-41CUL	208-230/3/60	41	139900	2	ECC090A3* - ECC150A3*
EHK-50CUL	208-230/3/60	50	170610	2	ECC120A3* - ECC150A3*
EHK-14FUL	460/3/60	13.9	47427	1	ECC090A4* - ECC150A4*
EHK-16FUL	460/3/60	16.5	56298	1	ECC090A4* - ECC150A4*
EHK-25FUL	460/3/60	25	85300	1	ECC090A4* - ECC150A4*
EHK-33FUL	460/3/60	33	112596	2	ECC090A4* - ECC150A4*
EHK-41FUL	460/3/60	41.5	141598	2	ECC090A4* - ECC150A4*
EHK-50FUL	460/3/60	50	170600	2	ECC120A4* - ECC150A4*

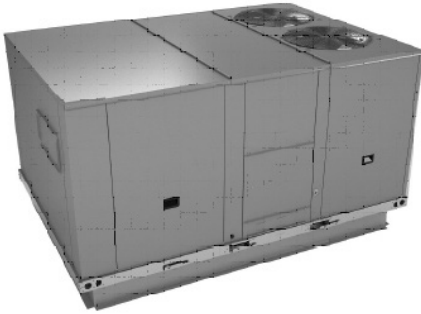
Information subject to change. Please confirm with current Product Data for current factory production.

Light Commercial  
Packaged Cooling

BUILT TO A HIGHER STANDARD<sup>®</sup>

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HEATING & AIR CONDITIONING

# Foundation™ Packaged Cooling 15-25 Tons, R-410A



- Scroll compressors on all units  
Provisions for through the base
- Operating charge of R-410A connections
- Low ambient operation to 40°F as standard Phase monitor on all units
- Color coded and numbered wiring  
Convertible airflow
- Single side service access Two inch throwaway filters as standard
- Molded handles on service access doors Non-corrosive & removable drain pan
- Separated high and low voltage
- Liquid Line Refrigerant Drier
- 5-year limited compressor warranty (15-25 tons)

**Table PC-24-B – Foundation™ – R-410A – Electromechanical Controls - 2-Speed Fan**

Tons	Unit Model No.	Power Supply Volts/Phase/Hz	Performance (EER/IEER)	Cooling Capacity (Btuh)	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	MCA	Max Fuse Size or Max Circuit Breaker <sup>①</sup>	Downflow Roofcurb
<b>ECC* - Three Phase No Heat</b>									
15	ECC180A3E0A1DQY	208-230/3/60	11.0/14.2	194,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>15</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2146	75	100	BAYCURB027B
17½	ECC210A3E0A1DQY	208-230/3/60	11.0/14.2	214,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>15</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2155	86	110	BAYCURB027B
20	ECC240A3E0A1DQY	208-230/3/60	10.0/13.2	252,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>15</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2180	97	125	BAYCURB027B
25	ECC300A3E0A1DQY	208-230/3/60	10.0/13.2	280,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>15</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2206	126	175	BAYCURB027B
<hr/>									
15	ECC180A4E0A1DQY	460/3/60	11.0/14.2	194,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>15</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2146	35	45	BAYCURB027B
17½	ECC210A4E0A1DQY	460/3/60	11.0/14.2	214,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>15</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2155	42	50	BAYCURB027B
20	ECC240A4E0A1DQY	460/3/60	10.0/13.2	252,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>15</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2180	46	60	BAYCURB027B
25	ECC300A4E0A1DQY	460/3/60	10.0/13.2	280,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>15</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2206	53	70	BAYCURB027B
<hr/>									
15	ECC180AWE0A1DQY	575/3/60	11.0/14.2	194,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>15</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2146	28	35	BAYCURB027B
17½	ECC210AWE0A1DQY	575/3/60	11.0/14.2	214,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>15</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2155	34	45	BAYCURB027B
20	ECC240AWE0A1DQY	575/3/60	10.0/13.2	252,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>15</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2180	38	50	BAYCURB027B
25	ECC300AWE0A1DQY	575/3/60	10.0/13.2	280,000	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>15</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2206	44	50	BAYCURB027B

① HACR Circuit Breaker Type Per NEC.

1DQY models include a multi-speed motor.

Information subject to change. Please confirm with current Product Data for current factory production.

Light Commercial  
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# Foundation™ Packaged Cooling 15-25 Tons, R-410A (Model Digit Numbers)

Digit	Description	Order Number	Digit	Description	Order Number
1	<b>Unit Function</b>		15	<b>Supply Fan/Drive Type/Motor</b>	
	Packaged Cooling, Electric Heat .....	E		Multi-Speed Standard Motor.....	7
2	<b>Efficiency</b>			Multi-Speed Oversized Motor .....	9
	Generation B.....	B	16	<b>Access</b>	
	Generation C - DOE.....	C		Standard Fork Access .....	0
3	<b>Airflow Configuration</b>			Third Side Condenser Fork Access (15-25 Tons) .....	F
	Convertible.....	C	17	<b>Condenser Coil Protection</b>	
4,5,6	<b>Nominal Gross Cooling Capacity (MBh)</b>			Standard Coil .....	0
	3 Ton.....	036		Condenser with CompleteCoat™ .....	4
	4 Ton.....	048	18	<b>Through the Base Provisions</b>	
	5 Ton.....	060		No Through-the Base-Provisions .....	0
	15 Ton.....	180		Through-the-Base Electric .....	A
	17.5 Ton.....	210	19	<b>Disconnect/Circuit Breake (3 phase only)</b>	
	20 Ton.....	240		No Disconnect/Circuit Breaker .....	0
	25 Ton.....	300		Unit Mounted/Non-Fused Disconnect® .....	1
7	<b>Design Sequence</b>	*	20-24	<b>Not Used</b>	
8	<b>Voltage</b>			No Convenience Outlet .....	0000
	208-230/60/3 .....	3	25	<b>System Monitoring Controls 1</b>	
	460/60/3 .....	4		No Monitoring Controls .....	0
	575/60/3 .....	W		Condensate Drain Pan Overflow Switch.....	A
9	<b>Unit Controls</b>		26	<b>System Monitoring Controls 2</b>	
	Electromechanical .....	E		Economizer Fault Detection and Diagnostics (FDD)® .....	B
10	<b>Heating Capacity</b>				
	No Heat .....	0			
	5 kW Electric Heat .....	A			
	7.5 kW Electric Heat .....	B			
	10 kW Electric Heat .....	C			
	14.4 kW Electric Heat .....	D			
	20 kW Electric Heat .....	E			
	25 kW Electric Heat .....	F			
	18 kW Electric Heat .....	G			
	36 kW Electric Heat .....	N			
	54 kW Electric Heat .....	P			
	72 kW Electric Heat .....	R			
11	<b>Design Sequence</b>	*			
12-13	<b>Service Sequence</b>	*,*			
14	<b>Fresh Air Selection</b>				
	No Fresh Air .....	0			
	Manual Outside Air Damper 0-25% .....	A			
	Motorized Outside Air Damper 0-50%.....	B			
	Economizer, Dry Bulb 0-100% without Barometric Relief.....	C			
	Economizer, Dry Bulb 0-100% with Barometric Relief①.....	D			
	Economizer, Reference Enthalpy 0-100% without Barometric Relief.....	E			
	Economizer, Reference Enthalpy 0-100% with Barometric Relief① .....	F			
	Economizer, Comparative Enthalpy 0-100% without Barometric Relief.....	G			
	Economizer, Comparative Enthalpy 0-100% with Barometric Relief① .....	H			
	Downflow Low Leak Economizer, Dry Bulb without Barometric Relief.....	J			
	Downflow Low Leak Economizer, Reference Enthalpy without Barometric Relief.....	L			
	Downflow Low Leak Economizer, Comparative Enthalpy without Barometric Relief.....	N			

① Some field set up required  
 ② Must be ordered through the base electrical option  
 ③ All factory installed Options are Built-to-Order. Check order services for estimated production cycle  
 ④ Factory installed economizers only available in downflow configuration  
 ⑤ Fault Detection and Diagnostics (FDD) is available on Low Leak Economizers only

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# Foundation™ Packaged Cooling 15-25 Tons Accessories

Table LPC-26-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 Not for use when electric heat installed	ECC180A4* - ECC300A4*, ECC180AW* - ECC300AW*
BAYDSCF301	Unit Mounted Disconnect, 150 Amp	ECC180A3* - ECC300A3*
BAYDSCF302	Unit Mounted Disconnect, 100 Amp	BAYHTFA318A, BAYHTFA418A, BAYHTFAW18A, BAYHTFA436A, BAYHTFA454A, BAYHTFBW36A, BAYHTFAW54A, BAYHTFBW54A,
BAYDSCF303	Unit Mounted Disconnect, 150 Amp	BAYHTFA472A, BAYHTF4372A, BAYHTFA336A, BAYHTFB336A, BAYHTFB454A
BAYDSCF304	Unit Mounted Disconnect, 250 Amp	BAYHTFA372A, BAYHTFB372A, BAYHTFA354A, BAYHTFAW36A
BAYDMPR301	Damper, Manual	ECC180A* - ECC300A*
BAYDMPR300	Damper, Motorized	ECC180A* - ECC300A*
BAYECON300	Economizer, Dry Bulb, Downflow	ECC180A* - ECC300A*
BAYECON301	Economizer, Dry Bulb, Horizontal	ECC180A* - ECC300A*
BAYECON350	Low Leak Economizer w/FDD, Dry Bulb, Downflow	ECC180A* - ECC300A*
BAYECON351	Low Leak Economizer w/FDD, Dry Bulb, Horizontal	ECC180A* - ECC300A*
BAYHZCN300	Horizontal Economizer Conversion Kit	ECC180A* - ECC300A*
BAYBARO300	Barometric Relief Damper, 15-25T	ECC180A* - ECC300A*
BAYENTH300	Reference Enthalpy Economizer Kit	ECC180A* - ECC300A*
BAYENTH301	Comparative Enthalpy Economizer Kit	ECC180A* - ECC300A*
BAYENTH302	Reference Enthalpy Economizer Kit	ECC180A* - ECC300A* w/Low Leak Economizer & FDD
BAYENTH303	Comparative Enthalpy Economizer Kit	ECC180A* - ECC300A* w/Low Leak Economizer & FDD
BAYCURB027	Roof Curb	ECC180A* - ECC300A*
BAYHZRT001	Horizontal Duct Conversion Kit	ECC180A* - ECC300A*
BAYCARR001	Carrier Replacement Conversion Kit	ECC180A* - ECC300A*
BAYGARD300	Condenser Hail Guard	ECC180A* - ECC300A*
BAYCCHT300	Crankcase Heater, 70W, 230V	ECC180A3* - ECC300A3*
BAYCCHT301	Crankcase Heater, 70W, 460V	ECC180A4* - ECC300A4*
BAYCCHT302	Crankcase Heater, 70W, 575V	ECC180AW* - ECC300AW*
BAYASCT001	Compressor Short Cycle Timer	ECC180A* - ECC300A*
BAYLOAM300	Low Ambient Control	ECC180A* - ECC300A*
BAYLOAM310	Evaporator Defrost Control	ECC180A* - ECC300A*
BAYPWRX300	Power Exhaust, 15-25T, DF, 230V	ECC180A3* - ECC300A3*
BAYPWRX301	Power Exhaust, 15-25T, DF, 460V	ECC180A4* - ECC300A4*
BAYPWRX302	Power Exhaust, 15-25T, DF, 575V	ECC180AW* - ECC300AW*
BAYHSMT300	High Static Motor & Drv, 5HP 230/460V	ECC180A3, ECC180A4
BAYHSMT301	High Static Motor & Drv, 5HP 575V	ECC1 80AW
BAYHSMT302	High Static Motor & Drv, 7.5HP 230/460V	ECC210A3, ECC240A3
BAYHSMT303	High Static Motor & Drv, 7.5HP 460V	ECC210A4, ECC240A4
BAYHSMT304	High Static Motor & Drv, 7.5HP 575V	ECC210AW, ECC240AW
BAYSHGR003	Shaft Grounding Ring, 0.875" Shaft	Used With 5HP VFD Motors
BAYSHGR002	Shaft Grounding Ring, 1.125" Shaft	Used With 7.5HP VFD Motors
BAYLSDR300	Low Static Drive Option	ECC180A* - ECC300A*
BAYHSDR300	High Static Drive Option	ECC180A* - ECC300A*
BAYCO2K300	Wall Mounted CO2 Sensor	ECC180A* - ECC300A* with economizer
BAYCO2K301	Duct Mounted CO2 Sensor	ECC180A* - ECC300A* with economizer
BAYPALT001	Reuseable Pallet for Condenser End Unit Lifting	All Foundation 15-25 Ton Units
BAYCOSW300	Drain Pan Overflow Switch	ECC180A* - ECC300A*
BAYSTAT300	BACNet Enabled Thermostat	ECC180A* - ECC300A*

① Please check availability.

② See HVAC Knowledge Center for a list of compatible Carrier units.

③ FDD = Fault Detection & Diagnostics.

Information subject to change. Please confirm with current Product Data for current factory production.

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HEATING & AIR CONDITIONING

# Foundation™ Packaged Cooling 15-25 Tons Heaters

Table LPC-27-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	ECC180A3
BAYHTFC336A	208-230/3/60	27/36	92,200/122,900	2	ECC180A3, ECC210A3
BAYHTFC354A	208-230/3/60	27/36	92,200/122,900	2	ECC180A3, ECC210A3
BAYHTFC372A	208-230/3/60	40.5/54	138,200/184,300	2	ECC210A3
BAYHTFD336A	208-230/3/60	40.5/54	138,200/184,300	2	ECC240A3, ECC300A3
BAYHTFD354A	208-230/3/60	54/72	184,300/245,700	2	ECC240A3, ECC300A3
BAYHTFD372A	208-230/3/60	54/72	184,300/245,700	2	ECC240A3, ECC300A3
BAYHTFB418A	460/3/60	18	64000	1	ECC180A4
BAYHTFC436A	460/3/60	36	122900	2	ECC180A4, ECC210A4
BAYHTFC454A	460/3/60	36	122900	2	ECC180A4, ECC210A4
BAYHTFC472A	460/3/60	54	184300	2	ECC210A4
BAYHTFD436A	460/3/60	54	184300	2	ECC240A4, ECC300A4
BAYHTFD454A	460/3/60	72	245700	2	ECC240A4, ECC300A4
BAYHTFD472A	460/3/60	72	245700	2	ECC240A4, ECC300A4
BAYHTFBW18A	575/3/60	18	64000	1	ECC180AW
BAYHTFCW36A	575/3/60	36	122900	2	ECC180AW, ECC210AW
BAYHTFCW54A	575/3/60	36	122900	2	ECC180AW, ECC210AW
BAYHTFCW72A	575/3/60	54	184300	2	ECC210AW
BAYHTFDW36A	575/3/60	54	184300	2	ECC240AW, ECC300AW
BAYHTFDW54A	575/3/60	72	245700	2	ECC240AW, ECC300AW
BAYHTFDW72A	575/3/60	72	245700	2	ECC240AW, ECC300AW

Information subject to change. Please confirm with current Product Data for current factory production.

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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



Beveled Top  
Smoother Design  
Small compact cabinet  
Recessed access handles

## Precedent™ Packaged Heat Pump Convertible 3-10 Tons

### Standard Features:

- American Standard 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, 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
- 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
- TCI (Communications Interface)
- LonTalk® (Communications Interface)
- BACnet™ (Communications Interface)
- Froststat
- 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.

LPH-1

Effective 1/1/23  
14-1011-40

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HEATING & AIR CONDITIONING

# Precedent™ Packaged Heat Pump Convertible 3-10 Tons, R-410A

**Table LPH-2-A – High Efficiency Unit – ReliaTel™ Microprocessor Controls**

Tons	Unit Ordering No.	Performance <sup>Ⓢ</sup> SEER/HSPF	Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x D x W	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA*	Max <sup>Ⓛ</sup> Fuse*
<b>WHC - 208-230/3/60 - Three Phase - No Electric Heat</b>									
3	WHC036H3R0B005D	15.8 / 8.3	40,500	41 x 44 x 69	18 x 15.5	24 x 14	619	23	30
4	WHC048H3R0A005D	16.5 / 8.8	48,750	41 x 53 x 88	33 x 17.5	32 x 17.5	768	29	40
5	WHC060H3R0A005D	16.4 / 9.0	61,000	41 x 53 x 88	33 x 17.5	32 x 17.5	773	32	45
6	WHC074H3R0A005D	15.5	78,900	47 x 53 x 88	33 x 17.5	32 x 17.5	927	42	50
7.5	WHC092H3R0A005D	15.5	96,200	47 x 53 x 88	33 x 17.5	32 x 17.5	927	43	50
8.5	WHC102H3R0A005D	15.5	105,900	47 x 53 x 88	33 x 17.5	32 x 17.5	953	46	60
10	WHC120H3R0A005D	15.5	123,600	51 x 63 x 100	33 x 17.5	32 x 17.5	1433	49	60
<b>WHC - 460/3/60 - Three Phase - No Electric Heat</b>									
3	WHC036H4R0B005D	15.7 / 8.3	40,500	41 x 44 x 69	18 x 15.5	24 x 14	619	13	15
4	WHC048H4R0A005D	16.5 / 8.8	48,750	41 x 53 x 88	33 x 17.5	32 x 17.5	768	14	15
5	WHC060H4R0A005D	16.2 / 9.0	61,000	41 x 53 x 88	33 x 17.5	32 x 17.5	773	15	20
6	WHC074H4R0A005D	15.5	78,900	47 x 53 x 88	33 x 17.5	32 x 17.5	927	19	25
7.5	WHC092H4R0A005D	15.5	96,200	47 x 53 x 88	33 x 17.5	32 x 17.5	927	20	25
8.5	WHC102H4R0A005D	15.5	105,900	47 x 53 x 88	33 x 17.5	32 x 17.5	953	22	25
10	WHC120H4R0A005D	15.5	123,600	51 x 63 x 100	33 x 17.5	32 x 17.5	1433	24	30
<b>WHC - 575/3/60 - Three Phase - No Electric Heat</b>									
3	WHC036HWR0B005D	15.7 / 8.3	40,500	41 x 44 x 69	18 x 15.5	24 x 14	619	9	15
4	WHC048HWR0A005D	16.5 / 8.8	48,750	41 x 53 x 88	33 x 17.5	32 x 17.5	768	10	15
5	WHC060HWR0A005D	16.2 / 9.0	61,000	41 x 53 x 88	33 x 17.5	32 x 17.5	773	12	15
6	WHC074HWR0A005D	15.5	78,900	47 x 53 x 88	33 x 17.5	32 x 17.5	927	21	25
7.5	WHC092HWR0A005D	15.5	96,200	47 x 53 x 88	33 x 17.5	32 x 17.5	927	22	25
8.5	WHC102HWR0A005D	15.5	105,900	47 x 53 x 88	33 x 17.5	32 x 17.5	953	23	25
10	WHC120HWR0A005D	15.5	123,600	51 x 63 x 100	33 x 17.5	32 x 17.5	1433	23	30

**Table LPH-2-B – High Efficiency Dual Fuel Unit – ReliaTel™ Microprocessor Controls**

Tons	Unit Ordering No.	Performance <sup>Ⓢ</sup> SEER/HSPF	Cooling Capacity (Btuh)	Gas Heating Output Capacity (Btuh) (2nd / 1st stage)	S.S. Furnace Eff%	Cabinet Dimensions (in.) H x D x W	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA*	Max <sup>Ⓛ</sup> Fuse*
<b>DHC - 208-230/3/60 - Three Phase - Low Heat</b>											
3	DHC036H3RLB005D	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	DHC048H3RLA005D	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	DHC060H3RLA005D	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
6	DHC074H3RLA005D	15.5	78,900	64,800	81%	47 x 53 x 88	33 x 17.5	32 x 17.5	990	42	50
7.5	DHC092H3RLA005D	15.5	96,200	97,200	81%	47 x 53 x 88	33 x 17.5	32 x 17.5	1004	43	50
8.5	DHC102H3RLA005D	15.5	105,900	97,200	81%	47 x 53 x 88	33 x 17.5	32 x 17.5	1016	46	60
10	DHC120H3RLA005D	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
<b>DHC - 460/3/60 - Three Phase - Low Heat</b>											
3	DHC036H4RLB005D	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	DHC048H4RLA005D	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	DHC060H4RLA005D	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
6	DHC074H4RLA005D	15.5	78,900	64,800	81%	47 x 53 x 88	33 x 17.5	32 x 17.5	990	19	25
7.5	DHC092H4RLA005D	15.5	96,200	97,200	81%	47 x 53 x 88	33 x 17.5	32 x 17.5	1004	20	25
8.5	DHC102H4RLA005D	15.5	105,900	97,200	81%	47 x 53 x 88	33 x 17.5	32 x 17.5	1016	22	25
10	DHC120H4RLA005D	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
<b>DHC - 575/3/60 - Three Phase - Low Heat</b>											
3	DHC036HWRLB005D	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	DHC048HWRLA005D	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	DHC060HWRLA005D	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
6	DHC074HWRLA005D	15.5	78,900	64,800	81%	47 x 53 x 88	33 x 17.5	32 x 17.5	990	21	25
7.5	DHC092HWRLA005D	15.5	96,200	97,200	81%	47 x 53 x 88	33 x 17.5	32 x 17.5	1004	22	25
8.5	DHC102HWRLA005D	15.5	105,900	97,200	81%	47 x 53 x 88	33 x 17.5	32 x 17.5	1016	23	25
10	DHC120HWRLA005D	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

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

Ⓛ HCAR breaker per NEC.

Ⓢ 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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Light Commercial Packaged Heat Pumps

# Precedent™ Packaged Heat Pump Convertible 3-10 Tons, R-410A

**Table LPH-3-A – High Efficiency Dual Fuel Unit – ReliaTel™ Microprocessor Controls (Continued)**

Tons	Unit Ordering No.	Performance <sup>②</sup> SEER/HSPF	Cooling Capacity (Btuh)	Gas Heating Output Capacity (Btuh) (2nd / 1st stage)	S.S. Furnace Eff%	Cabinet Dimensions (in.) H x D x W	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA*	Max <sup>①</sup> Fuse*
<b>DHC - 208-230/3/60 - Three Phase - Medium Heat</b>											
3	DHC036H3RMB005D	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	DHC048H3RMA005D	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	DHC060H3RMA005D	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
6	DHC074H3RMA005D	15.5	78,900	97,200	81%	47 x 53 x 88	33 x 17.5	32 x 17.5	990	42	50
7.5	DHC092H3RMA005D	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
8.5	DHC102H3RMA005D	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	DHC120H3RMA005D	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
<b>DHC - 460/3/60 - Three Phase - Medium Heat</b>											
3	DHC036H4RMB005D	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	DHC048H4RMA005D	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	DHC060H4RMA005D	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
6	DHC074H4RMA005D	15.5	78,900	97,200	81%	47 x 53 x 88	33 x 17.5	32 x 17.5	990	19	25
7.5	DHC092H4RMA005D	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
8.5	DHC102H4RMA005D	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	DHC120H4RMA005D	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
<b>DHC - 575/3/60 - Three Phase - Medium Heat</b>											
3	DHC036HWRMB005D	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	DHC048HWRMA005D	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	DHC060HWRMA005D	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
6	DHC074HWRMA005D	15.5	78,900	97,200	81%	47 x 53 x 88	33 x 17.5	32 x 17.5	990	21	25
7.5	DHC092HWRMA005D	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
8.5	DHC102HWRMA005D	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	DHC120HWRMA005D	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
<b>DHC - 208-230/3/60 - Three Phase - High Heat</b>											
3	DHC036H3RHB005D	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	DHC048H3RHA005D	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	DHC060H3RHA005D	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
6	DHC074H3RHA005D	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
7.5	DHC092H3RHA005D	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
8.5	DHC102H3RHA005D	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	DHC120H3RHA005D	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
<b>DHC - 460/3/60 - Three Phase - High Heat</b>											
3	DHC036H4RHB005D	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	DHC048H4RHA005D	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	DHC060H4RHA005D	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
6	DHC074H4RHA005D	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
7.5	DHC092H4RHA005D	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
8.5	DHC102H4RHA005D	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	DHC120H4RHA005D	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
<b>DHC - 575/3/60 - Three Phase - High Heat</b>											
3	DHC036HWRHB005D	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	DHC048HWRHA005D	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	DHC060HWRHA005D	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
6	DHC074HWRHA005D	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
7.5	DHC092HWRHA005D	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
8.5	DHC102HWRHA005D	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	DHC120HWRHA005D	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

\* 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.

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# Precedent™ Packaged Heat Pump Convertible 3-10 Tons, R-410A

Table LPH-4-A – Base Unit – Standard Efficiency – ReliaTel™ Microprocessor Controls

Tons	Unit Ordering No.	Performance <sup>②</sup> SEER/HSPF	Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x D x W	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA*	Max <sup>①</sup> Fuse*
<b>WSC - 208-230/3/60 - Three Phase - No Electric Heat</b>									
3	WSC036H3R0A005D	14.0	39,500	41 x 44 x 69	18 x 15.5	24 x 14	612	26	40
4	WSC048H3R0A005D	14.0	50,000	41 x 44 x 69	18 x 15.5	24 x 14	645	27	40
5	WSC060H3R0A005D	14.0	61,000	41 x 53 x 88	33 x 17.5	32 x 17.5	777	31	45
7½	WSC092H3R0B005D	14.1	95,300	47 x 53 x 88	33 x 17.5	32 x 17.5	894	40	60
8½	WSC102H3R0B005D	14.1	103,200	47 x 53 x 88	33 x 17.5	32 x 17.5	927	45	70
10	WSC120H3R0B005D	14.1	118,100	47 x 53 x 88	33 x 17.5	32 x 17.5	948	54	80
<b>WSC - 460/3/60 - Three Phase - No Electric Heat</b>									
3	WSC036H4R0A005D	14.0	39,500	41 x 44 x 69	18 x 15.5	24 x 14	612	11	15
4	WSC048H4R0A005D	14.0	50,000	41 x 44 x 69	18 x 15.5	24 x 14	645	12	15
5	WSC060H4R0A005D	14.0	61,000	41 x 53 x 88	33 x 17.5	32 x 17.5	777	15	20
7½	WSC092H4R0B005D	14.1	95,300	47 x 53 x 88	33 x 17.5	32 x 17.5	894	18	25
8½	WSC102H4R0B005D	14.1	103,200	47 x 53 x 88	33 x 17.5	32 x 17.5	927	20	30
10	WSC120H4R0B005D	14.1	118,100	47 x 53 x 88	33 x 17.5	32 x 17.5	948	24	35
<b>WSC - 575/3/60 - Three Phase - No Electric Heat</b>									
3	WSC036HWR0A005D	14.0	39,500	41 x 44 x 69	18 x 15.5	24 x 14	612	11	15
4	WSC048HWR0A005D	14.0	50,000	41 x 44 x 69	18 x 15.5	24 x 14	645	12	15
5	WSC060HWR0A005D	14.0	61,000	41 x 53 x 88	33 x 17.5	32 x 17.5	777	13	15
7½	WSC092HWR0B005D	14.1	95,300	47 x 53 x 88	33 x 17.5	32 x 17.5	894	14	20
8½	WSC102HWR0B005D	14.1	103,200	47 x 53 x 88	33 x 17.5	32 x 17.5	927	16	20
10	WSC120HWR0B005D	14.1	118,100	47 x 53 x 88	33 x 17.5	32 x 17.5	948	23	30

\* 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.

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# Precedent™ Packaged Heat Pump Convertible 3-10 Tons (Model Digit Numbers)

Digit	Description	Order Number	Digit	Description	Order Number
1-8	Main Assembly (see previous page)		21	Communications Options	
9	Unit Controls			No Communications Interface .....	0
	ReliaTel™ Micro-processor .....	R		Communications Interface .....	1
10	(Heater Table see next page)			LonTalk® Communications Interface.....	2
11	Design Sequence	*		BACnet™ Communications Interface.....	6
12-13	Service Sequence		22	Refrigeration System Option	
	First Sequence (Factory Assigned).....	*.*		Standard Refrigeration System®.....	0
14	Fresh Air Selection		23	Refrigeration Controls	
	No Fresh Air .....	0		No Refrigeration Control®.....	0
	Manual Outside Air Damper 0-50%®.....	A		Frostate .....	1
	Motorized Outside Air Damper 0-50%®.....	B	24	Smoke Detector	
	Economizer, Dry Bulb 0-100% without Barometric Relief®.....	C		No Smoke Detector .....	0
	Economizer, Dry Bulb 0-100% with Barometric Relief®.....	D		Return Air Smoke Detector® .....	A
	Economizer, Reference Enthalpy 0-100% without Barometric Relief®.....	E		Supply Air with Smoke Detector.....	B
	Economizer, Reference Enthalpy 0-100% with Barometric Relief® .....	F		Supply and Return Air Smoke Detectors®.....	C
	Economizer, Comparative Enthalpy 0-100% without Barometric Relief®.....	G		Plenum Smoke Detector .....	D
	Economizer, Comparative Enthalpy 0-100% with Barometric Relief® .....	H	25	System Monitoring Controls	
	Low Leak Economizer, Dry Bulb with Barometric Relief.....	K		No Monitoring Control .....	0
	Low Leak Economizer, Comparative Enthalpy with Barometric Relief .....	M		Clogged Filter Switch .....	1
	Low Leak Economizer, Reference Enthalpy with Barometric Relief .....	P		Fan Failure Switch .....	2
15	Supply Fan/Drive Type/Motor			Discharge Air SensingTube .....	3
	Standard Drive® .....	0		Clogged Filter Switch and Fan Fail Switch.....	4
	Oversized Motor .....	1		Clogged Filter Switch and Discharge Air SensingTube.....	5
	Optional Belt Drive Motor.....	2		Fan Fail Switch and Discharge Air SensingTube.....	6
	Single Zone Variable Air Volume (SZVAV) .....	6		Clogged Filter and Fan Fail Switches and Discharge Air SensingTube .....	7
	Multi-Speed Indoor Fan®.....	7		Condensate Drain Pan Overflow Switch.....	A
16	Hinged Service Access/Filters			Clogged Filter Switch and Condensate Drain Pan Overflow Switch.....	B
	Standard Panels/Standard Filters .....	0		Fan Failure Switch and Condensate Drain Pan Overflow Switch.....	C
	Hinged Access Panels/Standard Filters .....	A		Discharge Air Sensing and Condensate Drain Pan Overflow Switch.....	D
	Standard Panels/2" MERV 8 Filters .....	B		Clogged Filter Switch, Fan Failure Switch and Condensate Drain Pan Overflow Switch.....	E
	Hinged Access Panels/2" MERV 8 Filters.....	C		Clogged Filter Switch, Discharge Air SensingTube and Condensate Drain Pan Overflow Switch.....	F
	Standard Panels/2" MERV 13 Filters .....	D		Fan Failure Switch, Discharge Air SensingTube and Condensate Drain Pan Overflow Switch.....	G
	Hinged Access Panels/2" MERV 13 Filters.....	E		Clogged Filter Switch, Fan Failure Switch, Discharge Air Sensing and Condensate Drain Pan Overflow Switch .....	H
17	Condenser Coil Protection		26	System Monitoring Controls	
	Standard Coil .....	0		No Monitoring Controls .....	0
	Standard Coil with Hail Guard.....	1		Demand Control Ventilation (CO2)®.....	A
	Black Epoxy Pre-Coated Condenser Coil.....	2	27	Unit Hardware Enhancements	
	Black Epoxy Pre-Coated Condenser Coil with Hail Guard .....	3		No Enhancements .....	0
18	Through the Base Provisions			Stainless Steel Drain Pan .....	1
	No Through the Base Provisions.....	0	31	Advanced Unit Controls	
	Through the Base Electric® .....	A		Standard Unit Controls.....	0
19	Disconnect/Circuit Breaker (three-phase only)			Human Interface .....	1
	No Disconnect/No Circuit Breaker.....	0			
	Unit Mounted Non-Fused Disconnect® .....	1			
	Unit Mounted Circuit Breaker®.....	2			
20	Convenience Outlet				
	No Convenience Outlet .....	0			
	Unpowered Convenience Outlet .....	A			
	Powered Convenience Outlet (three-phase only)®.....	B			

- ① Available on 3-5 ton models.
- ② Manual outside air damper will ship factory supplied within the unit, but must be field installed.
- ③ High pressure control is standard on all units.
- ④ Multispeed direct drive standard on single-phase products. Belt drive standard on three-phase 3-7½ ton. Variable speed direct drive standard on 10 ton.
- ⑤ Economizer with Barometric Relief is for downflow configured units only. Order Economizer without Barometric Relief for horizontal configuration. Barometric Relief for horizontal configured units must be ordered as field installed accessory.
- ⑥ Through the base electric required when ordering disconnect/circuit breaker options.
- ⑦ Requires use of Disconnect or Circuit Breaker.

- ⑧ Standard metering devices are TXVs.
- ⑨ The return air smoke detector may not fit up or work properly on the Precedent units when used in conjunction with 3rd party accessories such as bolt on heat wheels, economizers and power exhaust. Do not order the return air smoke detectors when using this type of accessory.
- ⑩ Requires hinged access panels.
- ⑪ Crankcase heaters are only available as option on WSC036E, WSC048E1, & WSC060E1. CCH are standard on all other units.
- ⑫ Motorized outside air damper is not available on Multi-Speed or SZVAV (Single Zone Variable Air Volume) products.
- ⑬ Frostate 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 CO2 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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Light Commercial  
Packaged Heat Pumps



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# Precedent™ Packaged Heat Pump Convertible 3-10 Tons (Model Digit Numbers)

## Heaters (Digit 10)

kW Rating	Digit	Nominal BTUH	No. Stages	Used With
<b>208/240/3/60</b>				
4.5/6.0	ⓐ	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	WSC092-102H3, WHC074-102H3
13.5/18.0	(G)	46,100/61,400	1	WSC092-102H3, WHC074-102H3
20.3/27.0	(K)	69,000/92,100	2	WSC092-102H3, WHC074-102H3
27.0/36.0	(N)	92,200/122,900	2	WSC092-102H3, WHC074-102H3
40.5/54.0	(P)	138,200/184,300	2	WSC120H3, WHC120H3
<b>460/3/60</b>				
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	WSC092-102H4, WHC074-102H4
18.0	(G)	61,400	1	WSC092-102H4, WHC074-102H4
27.0	(K)	92,100	2	WSC092-102H4, WHC074-102H4
36.0	(N)	122,900	2	WSC092-102H4, WHC074-102H4
54.0	(P)	184,300	2	WSC120H4, WHC120H4
<b>575/3/60</b>				
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	WSC092-102HW, WHC074-102HW
18.0	(G)	61,400	1	WSC092-102HW, WHC074-102HW
27.0	(K)	92,100	2	WSC092-102HW, WHC074-102HW
36.0	(N)	122,900	2	WSC092-102HW, 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

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

# Precedent™ Packaged Heat Pump Convertible 3-10 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
BAYHTRE306*	208-230/3/60	4.5/6.0	13,400/20,500	1	WHC036H3, WSC036-048H3
BAYHTRE312*	208-230/3/60	9.0/12.0	30,800/41,000	2	WHC036H3, WSC036-048H3
BAYHTRE406*	460/3/60	6	20500	1	WHC036H4, WSC036-048H4
BAYHTRE412*	460/3/60	12	41000	2	WHC036H4, WSC036-048H4
BAYHTREW06*	575/3/60	6	20500	1	WHC036HW, WSC036-048HW
BAYHTREW12*	575/3/60	12	41000	2	WHC036HW, WSC036-048HW
BAYHTRX306*	208-230/3/60	4.5/6.0	13,400/20,500	1	WHC048-060H3, WSC060H3
BAYHTRX312*	208-230/3/60	9.0/12.0	30,800/41,000	2	WHC048-060H3, WSC060H3
BAYHTRX406*	460/3/60	6	20500	1	WHC048-060H3, WSC060H4
BAYHTRX412*	460/3/60	12	41000	2	WHC048-060H3, WSC060H4
BAYHTRXW06*	575/3/60	6	20500	1	WHC048-060HW, WSC060HW
BAYHTRXW12*	575/3/60	12	41000	2	WHC048-060HW, WSC060HW
BAYHTRY317*	208-230/1/60	13.1/17.4	44,600/59,400	2	WHC036H3, WSC036-048H3
BAYHTRY318*	208-230/1/60	13.1/17.4	44,600/59,400	2	WHC048-060H3, WSC060H3
BAYHTRY323*	208-230/1/60	17.3/23.0	59,000/78,500	2	WHC060H3, WSC060H3
BAYHTRY417*	460/3/60	17.4	59400	2	WHC036H4, WSC036-048H4
BAYHTRY418*	460/3/60	17.4	59400	2	WHC048-060H4, WSC060H4
BAYHTRY423*	460/3/60	23	78500	2	WHC060H4, WSC060H4
BAYHTRYW17*	575/3/60	17.4	59400	2	WHC036HW, WSC036-048HW
BAYHTRYW18*	575/3/60	17.4	59400	2	WHC048-060HW, WSC060HW
BAYHTRYW23*	575/3/60	23	78500	2	WHC060HW, WSC060HW

(\* Parts designator subject to change)

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HEATING & AIR CONDITIONING

# Precedent™ Packaged Heat Pump Convertible 3-10 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
BAYHTRU309*	208-230/3/60	6.8/9.0	23,000/30,700	1	WSC092H3, WSC102H3
BAYHTRU318*	208-230/3/60	13.5/18.0	46,100/61,400	1	WSC092H3, WSC102H3, WSC120H3
BAYHTRU327*	208-230/3/60	20.3/27.0	69,000/92,100	2	WWSC092H3, WSC102H3, WSC120H3
BAYHTRU336*	208-230/3/60	27.0/36.0	92,100/122,900	2	WSC092H3, WSC102H3, WSC120H3
BAYHTRU409*	460/3/60	9	30700	1	WSC092H4, WSC102H4
BAYHTRU418*	460/3/60	18	61400	1	WSC092H4, WSC102H4, WSC120H4
BAYHTRU427*	460/3/60	27	92100	2	WSC092H4, WSC102H4, WSC120H4
BAYHTRU436*	460/3/60	36	122900	2	WSC092H4, WSC102H4, WSC120H4
BAYHTRUW18*	575/3/60	18	61400	1	WSC092HW, WSC102HW, WSC120HW
BAYHTRUW27*	575/3/60	27	92100	2	WSC092HW, WSC102HW, WSC120HW
BAYHTRUW36*	575/3/60	36	122900	2	WSC092HW, WSC102HW, WSC120HW

**Table LPH-8-B – Accessory Electric Heaters - Unit with Heater is single circuit / single point power entry (Select 7½ - 8½ Ton, All 10 Ton units)**

Model Number	Power Supply	kW Rating	Nominal BTUH	No. Stages	Used With
BAYHTRB318*	208-230/3/60	13.5/18.0	46,100/61,400	1	WHC120H3, WSC120H3
BAYHTRB327*	208-230/3/60	20.3/27.0	69,000/92,100	2	WHC120H3, WSC120H3
BAYHTRB336*	208-230/3/60	27.0/36.0	92,100/122,900	2	WHC120H3, WSC120H3
BAYHTRB354*	208-230/3/60	40.6/54.0	138,000/184,300	2	WHC120H3
BAYHTRB418*	460/3/60	18	61400	1	WHC120H4, WSC120H4
BAYHTRB427*	460/3/60	27	92100	2	WHC120H4, WSC120H4
BAYHTRB436*	460/3/60	36	122900	2	WHC120H4, WSC120H4
BAYHTRB454*	460/3/60	54	184300	2	WHC120H4
BAYHTRBW18*	575/3/60	18	61400	1	WHC120HW, WSC120HW
BAYHTRBW36*	575/3/60	36	122900	2	WHC120HW, WSC120HW
BAYHTRBW54*	575/3/60	54	184300	2	WHC120HW, WSC120HW
BAYHTRA309*	208-230/3/60	6.8/9.0	23,000/30,700	1	WSC092H3Ⓢ, WSC102H3Ⓢ, WHC074-102H3
BAYHTRA318*	208-230/3/60	13.5/18.0	46,100/61,400	1	WSC092H3Ⓢ, WSC102H3Ⓢ, WHC074-102H3, WSC120H3
BAYHTRA327*	208-230/3/60	20.3/27.0	69,000/92,100	2	WSC092H3Ⓢ, WSC102H3Ⓢ, WHC074-102H3, WSC120H3
BAYHTRA336*	208-230/3/60	27.0/36.0	92,100/122,900	2	WSC092H3Ⓢ, WSC102H3Ⓢ, WHC074-102H3, WSC120H3
BAYHTRA354*	208-230/3/60	40.6/54.0	138,000/184,300	2	WSC120H3
BAYHTRA409*	460/3/60	9	30700	1	WSC092H4Ⓢ, WSC102H4Ⓢ, WHC074-102H4
BAYHTRA418*	460/3/60	18	61400	1	WSC092H4Ⓢ, WSC102H4Ⓢ, WHC074-102H4, WSC120H4
BAYHTRA427*	460/3/60	27	92100	2	WSC092H4Ⓢ, WSC102H4Ⓢ, WHC074-102H4, WSC120H4
BAYHTRA436*	460/3/60	36	122900	2	WSC092H4Ⓢ, WSC102H4Ⓢ, WHC074-102H4, WSC120H4
BAYHTRA454*	460/3/60	54	184300	2	WSC120H4
BAYHTRAW18*	575/3/60	18	61400	1	WSC092HWⓈ, WSC102HWⓈ, WHC074-102HW, WSC120HW
BAYHTRW27*	575/3/60	27	92100	2	WSC092HWⓈ, WSC102HWⓈ, WSC120HW, WHC074-102HW, WSC120HW
BAYHTRAW36*	575/3/60	36	122900	2	WSC092HWⓈ, WSC102HWⓈ, WSC120HW, WHC074-102HW, WSC120HW
BAYHTRAW54*	575/3/60	54	184300	2	WSC120H4W

Ⓢ Used when Single Zone VAV (SZVAV) or Multi Speed options are selected (digit 15=6 or 7 in model number)

\* Parts designator subject to 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.

LPH-8

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Light Commercial  
Packaged Heat Pumps

# Precedent™ 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 Note②
BAYBARM010*②	Barometric Relief	WSC036-048H, WHC036H, DHC036H
BAYBARM011*②	Barometric Relief	WSC060-120H, WHC048-120H, DHC048-120H
BAYCO2K001*	CO2 Sensor Kit, Wall Mounted	All Precedents
BAYCO2K003*	CO2 Sensor Kit, Duct Mounted	All Precedents
BAYCURB042 / FIACURB401*③	Roof Curb	WSC036-048H, WHC036H, DHC036H
BAYCURB043 / FIACURB402*③	Roof Curb	WSC060-120H, WHC048-102H, DHC048-102H
BAYCURB044 / FIACURB403*③	Roof Curb	WHC120H, DHC120H
BAYDFPS003*④	Clogged Filter Switch (w/Standard & MERV 8 Filter)	All Precedents
BAYDFPS014*④	Clogged Filter Switch (MERV 13 Filter)	All Precedents
BAYDFPS004*④	Fan Failure Switch	All Precedents
BAYDMPR053*⑥	0-50% Manual Outside Air Damper	WSC036-048H, WHC036H, DHC036H
BAYDMPR056*⑥	0-50% Manual Outside Air Damper	WSC060-120H, WHC048-120H, DHC048-120H
BAYDMPR051*	0-50% Motorized Outside Air Damper	WSC036-048H, WHC036H, DHC036H
BAYDMPR054*	0-50% Motorized Outside Air Damper	WSC060-120H, WHC048-120H, DHC048-120H
BAYECON085*	0-100% Economizer without Barometric Relief	WSC036-048H, WHC036H, DHC036H
BAYECON087*	0-100% Economizer without Barometric Relief	WSC060-120H, WHC048-120H, DHC048-120H
BAYECON704*	Downflow Low Leak Economizer	WSC060-120H, WHC048-120H, DHC048-120H
BAYECON705*	Downflow Low Leak Economizer	WSC036-048H, WHC036H, DHC036H
BAYENTH005*①	Reference Enthalpy Kit	BAYECON085A, 087A
BAYENTH006*①	Comparative Enthalpy Kit	BAYECON085A, 087A
BAYFRST003*⑤	High Temperature Stat	All Precedents
BAYGARD437*	Condenser Coil Hail Guard	WSC036-048H, WHC036H, DHC036H
BAYGARD240*	Condenser Coil Hail Guard	WSC060-072H, WHC048-060, DHC048-060H
BAYGARD241*	Condenser Coil Hail Guard	WSC090-120H, WHC074-102H, DHC074-102H
BAYGARD270*	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 BAYABRD001\* is required when ordering field installed accessories Clogged Filter Switch (BAYDFPS003\*), Fan Fail Switch (BAYDFPS004\*), Discharge Air Sensing Kit (BAYTUBE005\* or BAYTUBE007\*) or Evaporator Defrost Control (Frostat) (BAYLOAM020\*) Ventilation Override Kit (BAYVNOR001\*) 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.
- \* Parts designator subject to change

# Precedent™ Packaged Heat Pump Convertible 3-10 Tons Accessories

**Table LPH-10-A – Accessories**

Model Number	Description	Used With
BAYHSMT400*	3 HP Belt Drive Oversized Motor	WSC092H3/4, WSC102H3/4
BAYHSMT401*	3 HP Belt Drive Oversized Motor	WSC092HW, WSC102HW
BAYICSI003* <sup>⑤</sup>	Communications Interface (TCI)	All Precedents
BAYLOAM020* <sup>④</sup>	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 High 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)
BAYLTCI002* <sup>⑦</sup>	LonTalk® Communications Interface (LCI)	All Precedents
BAYPWRX070*	Power Exhaust (208-230/3)	WSC036-048H3, WHC036H3, DHC036H3
BAYPWRX071*	Power Exhaust (460/3)	WSC036-048H4, WHC036H4, DHC036H4
BAYPWRX072*	Power Exhaust (575/3)	WSC036-048HW, WHC036HW, DHC036HW
BAYPWRX026* <sup>⑥</sup>	Power Exhaust (208-230/3)	WSC060-120H3, WHC048-120H3, DHC048-120H3
BAYPWRX027* <sup>⑥</sup>	Power Exhaust (460/3)	WSC060-120H4, WHC048-120H4, DHC048-120H4
BAYPWRX028* <sup>⑥</sup>	Power Exhaust (575/3)	WSC060-120H4, WHC048-120H4, DHC048-120H4
BAYQACB009* <sup>②③</sup>	Quick Adapt Roof Curb	WSC036-048H, WHC036H, DHC036H
BAYQACB010* <sup>②③</sup>	Quick Adapt Roof Curb	WSC036-048H, WHC036H, DHC036H
BAYQACB011* <sup>②④</sup>	Quick Adapt Roof Curb	WSC060-120H, WHC048-102H, DHC048-120H
BAYQACB012* <sup>②④</sup>	Quick Adapt Roof Curb	WSC060-120H, WHC048-102H, DHC048-120H
BAYQACB013 / FIAQACB027* <sup>②④</sup>	Quick Adapt Roof Curb	WSC060-120H, WHC048-102H, DHC048-120H
BAYQACB111* <sup>②③</sup>	Quick Adapt Roof Curb	WHC120H, DHC120H
BAYQACB112* <sup>②③</sup>	Quick Adapt Roof Curb	WHC120H, DHC120H
BAYQACB113* <sup>②③</sup>	Quick Adapt Roof Curb	WHC120H, DHC120H
BAYQACB114 / FIAQACB044* <sup>②④</sup>	Quick Adapt Roof Curb	WSC060-120H, WHC048-102H, DHC048-120H
BAYQACB115* <sup>②④</sup>	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 BAYQACB009\* adapts Voyager BAYCURB021\* roof curb to accept Precedent 3-5 ton unit. BAYQACB010\* adapts Voyager BAYCURB022\* roof curb to accept Precedent 3-5 ton unit. BAYQACB111\* adapts Voyager BAYCURB022 roof curb to accept WSC120E. BAYQACB112A adapts Voyager BAYCURB025 roof curb to accept WSC120E. BAYQACB113\* adapts Voyager BAYCURB026 roof curb to accept WSC120E.
  - ④ BAYABRD001\* is required when ordering field installed accessories Clogged Filter Switch (BAYDFPS003\*), Fan Fail Switch (BAYDFPS004\*), Discharge Air Sensing Kit (BAYTUBE005\* or BAYTUBE007\*) or Evaporator Defrost Control (Frostat) (BAYLOAM020\*) Ventilation Override Kit (BAYVNOR001\*) 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 American Standard LonTalk® device or directly with generic LonTalk® Network BAS Controls.
  - ⑧ BAYQACB012\* adapts Voyager BAYCURB025 roof curb to accept Precedent 6-10 ton unit. BAYQACB011\* adapts Voyager BAYCURB022\* 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, BAYRTEM001\* 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)
- \* Parts designator subject to change

Light Commercial  
Packaged Heat Pumps

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*American Standard*

HEATING & AIR CONDITIONING

# Precedent™ Packaged Heat Pump with Symbio™ Convertible 12.5-25 Tons



Small compact cabinet  
Recessed access handles

## Standard Features:

- Symbio 700 controller
- MultiSpeed Indoor
- Manifolded scroll compressors
- 6-17.5 tons = 3 stages of cooling; 20-25 tons = 4 stages of cooling
- Al fin/Cu tube condenser and evaporator coils
- Colored, keyed, and numbered wiring
- Froststat
- Phase monitor
- Coil/Hailguards
- Crankcase heaters on all compressors
- 2" filters
- Backward curved direct drive plenum supply fan
- Liquid line refrigerant drier
- Operating Charge of R-410A
- Composite dual sloped drain pans
- Single point power for electric heat
- Low Ambient cooling to 40°F
- 5 - year Limited Compressor Warranty
- 3 - year Limited Parts Warranty

## Added Flexibility

- Standard or high efficiency cooling models available.
- Convertible airflow (ships in downflow application)
- Hybrid/dual fuel option
- 2" filters included
- Fork lift openings on three sides of unit
- 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

- Outdoor air dampers (manual or motorized)
- Economizers (Base or Low Leak)
- Dry Bulb, Reference Enthalpy, Comparative Enthalpy, or Differential Dry Bulb economizer control options
- Stainless steel tubular heat exchanger
- 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
- Low Ambient cooling to 0°F
- Clogged Filter Switch
- Dehumidification (Modulating Hot Gas Reheat)
- Symbio 700 BACnet® communication interface license
- Symbio 700 LonTalk® communication interface license
- 2" MERV 8 filters or 2" MERV 13 filters
- Single Zone or Multiple Zone VAV Indoor Airflow
- Demand Control Ventilation
- Stainless Steel Drainpan
- Condensate Drainpan Overflow Switch

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

LPH-11

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BUILT TO A HIGHER STANDARD<sup>®</sup>

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HEATING & AIR CONDITIONING

# Precedent™ Packaged Heat Pump with Symbio™ Convertible 12.5-25 Tons, High Efficiency R-410A

**Table LPH-12-A – Base Unit– High Efficiency – R-410A – Symbio**

Tons	Unit Ordering No.	Performance IEER(2-speed)/EER	Net Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x W x L	Cabinet	Shipping Weight (lbs.)	MCA**	Max Fuse**
<b>WHJ – 208-230/3/60 – Three Phase</b>								
12.5	WHJ150A3SOL0000	17.8/12.3	154,000	50 <sup>7</sup> / <sub>8</sub> x 63 <sup>1</sup> / <sub>8</sub> x 99 <sup>5</sup> / <sub>8</sub>	C	2225	72	90
15	WHJ180A3SOL0000	17.9/12.0	182,000	59 x 87 x 123	D	2246	78	100
20	WHJ240A3SOL0000	17.2/11.2	246,000	59 x 87 x 123	D	2403	108	150
25	WHJ300A3SOL0000	16.1/10.4	272,000	59 x 87 x 123	D	2405	119	150
<b>WHJ – 460/3/60 – Three Phase</b>								
12.5	WHJ150A4SOL0000	17.8/12.3	154,000	50 <sup>7</sup> / <sub>8</sub> x 63 <sup>1</sup> / <sub>8</sub> x 99 <sup>5</sup> / <sub>8</sub>	C	2225	37	50
15	WHJ180A4SOL0000	17.9/12.0	182,000	59 x 87 x 123	D	2246	41	50
20	WHJ240A4SOL0000	17.2/11.2	246,000	59 x 87 x 123	D	2403	54	70
25	WHJ300A4SOL0000	16.1/10.4	272,000	59 x 87 x 123	D	2405	59	80
<b>WHJ – 575/3/60 – Three Phase</b>								
12.5	WHJ150AWSOL0000	17.8/12.3	154,000	50 <sup>7</sup> / <sub>8</sub> x 63 <sup>1</sup> / <sub>8</sub> x 99 <sup>5</sup> / <sub>8</sub>	C	2225	29	40
15	WHJ180AWSOL0000	17.9/12.0	182,000	59 x 87 x 123	D	2246	32	40
20	WHJ240AWSOL0000	17.2/11.2	246,000	59 x 87 x 123	D	2403	47	60
25	WHJ300AWSOL0000	16.1/10.4	272,000	59 x 87 x 123	D	2405	46	60

\*\* Information subject to change. Please confirm with current product catalog Or IOM for current factory production.

**Table LPH-12-B – Base Unit– High Efficiency Dual Fuel Unit – R-410A – Symbio**

Tons	Unit Ordering No.	Performance IEER(2-speed)/EER	Net Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x W x L	Cabinet	Shipping Weight (lbs.)	MCA**	Max Fuse**
<b>DHJ – 208-230/3/60 – Three Phase</b>								
12.5	DHJ150A3SOL0000	17.6/12.1	154,000	50 <sup>7</sup> / <sub>8</sub> x 63 <sup>1</sup> / <sub>8</sub> x 99 <sup>5</sup> / <sub>8</sub>	C	2225	72	90
15	DHJ180A3SOL0000	17.7/11.8	182,000	59 x 87 x 123	D	2246	78	100
20	DHJ240A3SOL0000	17.0/11.0	246,000	59 x 87 x 123	D	2403	108	150
25	DHJ300A3SOL0000	15.9/10.2	272,000	59 x 87 x 123	D	2405	119	150
<b>DHJ – 460/3/60 – Three Phase</b>								
12.5	DHJ150A4SOL0000	17.6/12.1	154,000	50 <sup>7</sup> / <sub>8</sub> x 63 <sup>1</sup> / <sub>8</sub> x 99 <sup>5</sup> / <sub>8</sub>	C	2225	72	90
15	DHJ180A4SOL0000	17.7/11.8	182,000	59 x 87 x 123	D	2246	78	100
20	DHJ240A4SOL0000	17.0/11.0	246,000	59 x 87 x 123	D	2403	108	150
25	DHJ300A4SOL0000	15.9/10.2	272,000	59 x 87 x 123	D	2405	119	150
<b>DHJ – 575/3/60 – Three Phase</b>								
12.5	DHJ150AWSOL0000	17.6/12.1	154,000	50 <sup>7</sup> / <sub>8</sub> x 63 <sup>1</sup> / <sub>8</sub> x 99 <sup>5</sup> / <sub>8</sub>	C	2225	72	90
15	DHJ180AWSOL0000	17.7/11.8	182,000	59 x 87 x 123	D	2246	78	100
20	DHJ240AWSOL0000	17.0/11.0	246,000	59 x 87 x 123	D	2403	108	150
25	DHJ300AWSOL0000	15.9/10.2	272,000	59 x 87 x 123	D	2405	119	150

\*\* Information subject to change. Please confirm with current product catalog Or IOM for current factory production.

Light Commercial  
Packaged 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.

# Precedent™ Packaged Heat Pump with Symbio™ Convertible 12.5-25 Tons, R-410A

**Table LPH-13-A – Base Unit— Standard Efficiency – R-410A – Symbio**

Tons	Unit Ordering No.	Performance IEER(2-speed)/EER	Net Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x W x L	Cabinet	Shipping Weight (lbs.)	MCA**	Max Fuse**
<b>WSJ – 208-230/3/60 – Three Phase</b>								
12.5	WSJ150A3S0L0000	13.5/10.6	154,000	50 <sup>7</sup> / <sub>8</sub> x 63 <sup>1</sup> / <sub>8</sub> x 99 <sup>5</sup> / <sub>8</sub>	C	2225	72	90
15	WSJ180A3S0L0000	13.5/10.6	182,000	59 x 87 x 123	D	2246	78	100
20	WSJ240A3S0L0000	13.5/9.5	246,000	59 x 87 x 123	D	2403	108	150
25	WSJ300A3S0L0000	12.5/9.5	272,000	59 x 87 x 123	D	2405	119	150
<b>WSJ – 460/3/60 – Three Phase</b>								
12.5	WSJ150A4S0L0000	13.5/10.6	154,000	50 <sup>7</sup> / <sub>8</sub> x 63 <sup>1</sup> / <sub>8</sub> x 99 <sup>5</sup> / <sub>8</sub>	C	2225	37	50
15	WSJ180A4S0L0000	13.5/10.6	182,000	59 x 87 x 123	D	2246	41	50
20	WSJ240A4S0L0000	13.5/9.5	246,000	59 x 87 x 123	D	2403	54	70
25	WSJ300A4S0L0000	12.5/9.5	272,000	59 x 87 x 123	D	2405	59	80
<b>WSJ – 575/3/60 – Three Phase</b>								
12.5	WSJ150AWS0L0000	13.5/10.6	154,000	50 <sup>7</sup> / <sub>8</sub> x 63 <sup>1</sup> / <sub>8</sub> x 99 <sup>5</sup> / <sub>8</sub>	C	2225	29	40
15	WSJ180AWS0L0000	13.5/10.6	182,000	59 x 87 x 123	D	2246	32	40
20	WSJ240AWS0L0000	13.5/9.5	246,000	59 x 87 x 123	D	2403	47	60
25	WSJ300AWS0L0000	12.5/9.5	272,000	59 x 87 x 123	D	2405	46	60

\*\* Information subject to change. Please confirm with current product catalog Or IOM for current factory production.

**Table LPH-13-B – Base Unit— Standard Efficiency Dual Fuel Unit – R-410A – Symbio**

Tons	Unit Ordering No.	Performance IEER(2-speed)/EER	Net Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x W x L	Cabinet	Shipping Weight (lbs.)	MCA**	Max Fuse**
<b>DSJ – 208-230/3/60 – Three Phase</b>								
12.5	DSJ150A3S0L0000	13.3/10.4	154,000	50 <sup>7</sup> / <sub>8</sub> x 63 <sup>1</sup> / <sub>8</sub> x 99 <sup>5</sup> / <sub>8</sub>	C	2225	72	90
15	DSJ180A3S0L0000	13.3/10.4	182,000	59 x 87 x 123	D	2246	78	100
20	DSJ240A3S0L0000	13.3/9.3	246,000	59 x 87 x 123	D	2403	108	150
25	DSJ300A3S0L0000	12.3/9.3	272,000	59 x 87 x 123	D	2405	119	150
<b>DSJ – 460/3/60 – Three Phase</b>								
12.5	DSJ150A4S0L0000	13.3/10.4	154,000	50 <sup>7</sup> / <sub>8</sub> x 63 <sup>1</sup> / <sub>8</sub> x 99 <sup>5</sup> / <sub>8</sub>	C	2225	72	90
15	DSJ180A4S0L0000	13.3/10.4	182,000	59 x 87 x 123	D	2246	78	100
20	DSJ240A4S0L0000	13.3/9.3	246,000	59 x 87 x 123	D	2403	108	150
25	DSJ300A4S0L0000	12.3/9.3	272,000	59 x 87 x 123	D	2405	119	150
<b>DSJ – 575/3/60 – Three Phase</b>								
12.5	DSJ150AWS0L0000	13.3/10.4	154,000	50 <sup>7</sup> / <sub>8</sub> x 63 <sup>1</sup> / <sub>8</sub> x 99 <sup>5</sup> / <sub>8</sub>	C	2225	72	90
15	DSJ180AWS0L0000	13.3/10.4	182,000	59 x 87 x 123	D	2246	78	100
20	DSJ240AWS0L0000	13.3/9.3	246,000	59 x 87 x 123	D	2403	108	150
25	DSJ300AWS0L0000	12.3/9.3	272,000	59 x 87 x 123	D	2405	119	150

\*\* Information subject to change. Please confirm with current product catalog Or IOM for current factory production.



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**American Standard**  
HEATING & AIR CONDITIONING

# Precedent™ Packaged Heat Pump with Symbio Convertible 12.5-25 Tons (Model Digit Numbers)

Digit	Description	Order Number	Digit	Description	Order Number
1	<b>Unit Function</b>		16	<b>Hinged Service Access &amp; Filters</b>	
	Packaged Heat Pump.....W			Standard Panels/Standard Filters.....0	
	Duel Fuel Heat Pump.....D			Hinged Access Panels/Standard Filters.....A	
2	<b>Cooling Efficiency</b>			Standard Panels/2" MERV 8 Filters.....B	
	Standard Efficiency.....S			Hinged Access Panels/2" MERV 8 Filters.....C	
	High Efficiency.....H			Standard Panels/2" MERV 13 Filters.....D	
3	<b>Refrigerant</b>			Hinged Access Panels/2" MERV 13 Filters.....E	
	R-410A.....J		17	<b>Condenser Coil Protection</b>	
4,5,6	<b>Nominal Gross Cooling Capacity (MBh)</b>			Standard Coil.....0	
	12.5 Ton.....150		18	<b>Through the Base Provisions</b>	
	15 Ton.....180			No Through-the-Base-Provisions.....0	
	20 Ton.....240			Through-the-Base Electric.....A	
	25 Ton.....300		19	<b>Disconnect/Circuit Breaker (3 phase only)</b>	
7	<b>Design Sequence</b>			No Disconnect/Circuit Breaker.....0	
		*		Unit Mounted/Non-Fused Disconnect.....1	
8	<b>Voltage</b>			Unit Mounted Circuit Breaker.....2	
	208-230/60/3.....3		20	<b>Convenience Outlet</b>	
	460/60/3.....4			No Convenience Outlet.....0	
	575/60/3.....W			Unpowered 20A Convenience Outlet.....A	
9	<b>Unit Controls</b>			Powered 15A Convenience Outlet (3 phase only).....B	
	Symbio 700.....S		21	<b>Communications Options</b>	
10	<b>Heat Type</b>			No Communications Interface.....0	
	Base Model (None or Electric).....0			Advanced Controller with BACnet® Communications Interface....1	
11	<b>Heating Capacity</b>			Advanced Controller with LonTalk® Communications Interface....2	
	No Heat.....0			Advanced Controller with Air-Fi® Communications Interface....3	
	18 kW Electric Heat.....G		22	<b>Refrigeration System Option</b>	
	27 kW Electric Heat.....K			Standard Refrigeration System.....0	
	36 kW Electric Heat.....N			Dehumidification Option ①③.....A	
	54 kW Electric Heat.....P		23	<b>Controls Expansion Module</b>	
	72 kW Electric Heat.....R			None.....0	
12-13	<b>Service Sequence</b>			XM-30 Expansion Module.....1	
	Factory Supplied.....*,*			XM-32 Expansion Module.....2	
14	<b>Fresh Air Selection</b>			XM-30 and XM-32 Expansion Module.....3	
	No Fresh Air.....0			XM-30 Expansion Module (Qty 2).....4	
	Manual Outside Air Damper 0-50%.....A			XM-32 Expansion Module (Qty 2).....5	
	Motorized Outside Air Damper 0-50%.....B		24	<b>Smoke Detector</b>	
	Economizer, Dry Bulb 0-100% without Barometric Relief②.....C			No Smoke Detector.....0	
	Economizer, Dry Bulb 0-100% with Barometric Relief②.....D			Return Air Smoke Detector2.....A	
	Economizer, Reference Enthalpy 0-100% without Barometric Relief②.....E			Supply Air Smoke Detector1.....B	
	Economizer, Reference Enthalpy 0-100% with Barometric Relief②.....F			Supply and Return Air Smoke Detectors ①②.....C	
	Economizer, Comparative Enthalpy 0-100% without Barometric Relief②.....G		25	<b>System Monitoring Controls</b>	
	Economizer, Comparative Enthalpy 0-100% with Barometric Relief②.....H			No Monitoring Control.....0	
	Downflow Low Leak Economizer, Dry Bulb with Barometric Relief②.....K			Clogged Filter Switch2.....1	
	Downflow Low Leak Economizer, Reference Enthalpy with Barometric Relief②.....M			Condensate Overflow Switch①.....2	
	Downflow Low Leak Economizer, Comparative Enthalpy with Barometric Relief②.....P			Discharge Air Sensing Tube.....3	
	Downflow Low Leak Economizer, Differential Dry Bulb with Barometric Relief②.....R			Clogged Filter Switch and Condensate Overflow Switch①②....4	
15	<b>Supply Fan/Drive Type/Motor</b>			Clogged Filter Switch and Discharge Air Sensing Tube②.....5	
	Standard Drive.....0			Condensate Overflow Switch and Discharge Air Sensing Tube①.....6	
	Optional Oversized/High Static Motor.....1			Clogged Filter Switch, Condensate Overflow Switch and Discharge Air Sensing Tube①②.....7	
	Single Zone Variable Air Volume (SZVAV) with Standard Motor...2		26	<b>Not Used</b>	
	Single Zone Variable Air Volume (SZVAV) with Oversized/High Static Motor.....3				
	Multiple Zone Variable Air Volume (MZVAV) with Standard Motor...4		27	<b>Hardware Enhancements</b>	
	Multiple Zone Variable Air Volume (MZVAV) with Oversized/High Static Motor.....5			No Enhancements.....0	
				Stainless Steel Drain Pan.....1	
			28	<b>Short Circuit Current Rating</b>	
				Standard (5k) SCCR Marking.....0	
				Tier 2 (=65K) SCCR Marking.....A	
			29	<b>Low Ambient4</b>	
				None.....0	
				Low Ambient Cooling to 0°F.....A	

① Includes Symbio Indoor Module.  
 ② Includes Symbio Fresh Air Module.  
 ③ Includes Symbio Customer Connection Module.  
 ④ Standard Low Ambient Cooling Limit is 40°F.

Light Commercial Packaged 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.

# Precedent™ Packaged Heat Pump with Symbio Convertible 12.5-25 Tons Accessories

Table LPC-15-A – Accessories

Model Number	Description	Used With	
		Cabinets	Used With
FIAEHWD318* <sup>①</sup>	18kW, 208-230V Electric Heater	D	WSJ/WHJ150A3-180A3
FIAEHWD336*	36kW, 208-230V Electric Heater	D	WSJ/WHJ150A3-300A3
FIAEHWD354*	54kW, 208-230V Electric Heater	D	WSJ/WHJ150A3-300A3
FIAEHWD372*	72kW, 208-230V Electric Heater	D	WSJ/WHJ210A3-300A3
FIAEHWD418*	18kW, 460V Electric Heater	D	WSJ/WHJ150A4-180A4
FIAEHWD436*	36kW, 460V Electric Heater	D	WSJ/WHJ150A4-300A4
FIAEHWD454*	54kW, 460V Electric Heater	D	WSJ/WHJ150A4-300A4
FIAEHWD472*	72kW, 460V Electric Heater	D	WSJ/WHJ210A4-300A4
FIAEHWDW18*	18kW, 575V Electric Heater	D	WSJ/WHJ150AW-180AW
FIAEHWDW36*	36kW, 575V Electric Heater	D	WSJ/WHJ150AW-300AW
FIAEHWDW54*	54kW, 575V Electric Heater	D	WSJ/WHJ150AW-300AW
FIAEHWDW72*	72kW, 575V Electric Heater	D	WSJ/WHJ210AW-300AW
FIABARM003*	Barometric Relief	D	WSJ/WHJ150A-300A
FIAC02K001*	CO2 (DCV) Wall Mounted Sensor	ALL	WSJ/WHJ150A-300A
FIAC02K002*	CO2 (DCV) Duct Mounted Sensor	ALL	WSJ/WHJ150A-300A
FIACURB404*	14-inch Full Perimeter Knockdown Curb	D	WSJ/WHJ150A-300A
FIACLS003* <sup>②</sup>	Clogged Filter Switch	D	WSJ/WHJ150A-300A
FIACLS004*	Clogged Filter Switch (MERV13)	D	WSJ/WHJ150A-300A
FIADAST008*	Discharge Air Sensing Tube Kit T/W Models	D	WSJ/WHJ150A-300A
FIADFDB001*	Differential Dry Bulb Economizer Control	ALL	WSJ/WHJ150A-300A
FIADMPR003*	Manual Damper	D	WSJ/WHJ150A-300A
FIADMPR103*	Motorized Damper	D	WSJ/WHJ150A-300A
FIAECON003*	Dry Bulb Downflow Economizer	D	WSJ/WHJ150A-300A
FIAECON303*	Dry Bulb Horizontal Economizer	D	WSJ/WHJ150A-300A
FIAECON103*	Dry Bulb Downflow Low Leak	D	WSJ/WHJ150A-300A
FIAECON203*	Dry Bulb Horizontal Low Leak	D	WSJ/WHJ150A-300A
FIAENTH001*	Reference Enthalpy Economizer Control	ALL	WSJ/WHJ150A-300A
FIAENTH002*	Comparative Enthalpy Economizer Control	ALL	WSJ/WHJ150A-300A
FIAHTST001*	High Temperature (Fire) Duct Mounted Stat	ALL	WSJ/WHJ150A-300A
FIAHZDC001*	Horizontal Conversion Panel	D	WSJ/WHJ150A-300A
FIALOAM001*	Low Ambient	ALL	WSJ/WHJ150A-300A
FIALTCI001*	LonTalk Communication Interface	ALL	WSJ/WHJ150A-300A
FIAOPTN001*	Indoor Options Module	ALL	WSJ/WHJ150A-300A
FIAOPTN002*	Fresh Air Options Module	ALL	WSJ/WHJ150A-300A
FIAOVFL001*	Condensate Overflow Switch	ALL	WSJ/WHJ150A-300A
FIAPWRX303*	Power Exhaust 230V	D	WSJ/WHJ150A3-300A3
FIAPWRX403*	Power Exhaust 460V	D	WSJ/WHJ150A4-300A4
FIAPWRXW03*	Power Exhaust 575V	D	WSJ/WHJ150AW-300AW
FIASCCM001* <sup>③④</sup>	Symbio Customer Connection Module	ALL	WSJ/WHJ150A-300A
FIAXMOD030* <sup>⑤</sup>	Symbio 700 XM30 Expansion Module	ALL	WSJ/WHJ150A-300A
FIAXMOD032*	Symbio 700 XM32 Expansion Module	ALL	WSJ/WHJ150A-300A

① Requires Symbio Indoor Options Module.  
 ② Requires Symbio Fresh Air Options Module.  
 ③ Provides Ventilation Override, External Auto/Stop, Alarm Indicator, Remote Min Position.  
 ④ Requires Symbio Advanced Controller (digit 21=1 or 3).  
 ⑤ Requires Tracer TU and Utilizes TGP2 Software (programming knowledge required).  
 \* Parts designator subject to change



Beveled Top  
Smoother Design  
Small compact cabinet  
Recessed access handles

## Precedent™ Packaged Gas/Electric Convertible 3-5 Tons

### Standard Features:

- American Standard scroll compressors on all 3-5 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-9 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
- TCI (Communications Interface)
- LonTalk® (Communications Interface)
- BACnet™ (Communications Interface)
- 2" Pleated Media filters (MERV 8 & 13)
- Froststat
- Multi-Speed & Single Zone VAV ID Airflow
- Demand Control Ventilation
- Stainless Steel Drainpan
- Condensate Drainpan Overflow Switch

**The same American Standard Heating & Air Conditioning Quality and Reliability ... with added Flexibility!**

BUILT TO A HIGHER STANDARD

**American Standard**  
HEATING & AIR CONDITIONING

# Precedent™ 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 Output <sup>①</sup> Capacity (Btuh)	S.S. Furnace Eff%	Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA**	Max. Fuse**
<b>YHC - 208-230/3/60 - Three Phase - Low Heat</b>											
3	YHC037E3RLA005D	17.5	36,500	48,000	78	36 x 44 x 69	18 x 15.5	24 x 14	676	24	30
4	YHC047E3RLA005D	17.5	50,500	49,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	858	30	40
5	YHC067E3RLA005D	17.2	60,000	49,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	917	33	45
<b>YHC - 460/3/60 - Three Phase - Low Heat</b>											
3	YHC037E4RLA005D	17.5	36,500	48,000	78	36 x 44 x 69	18 x 15.5	24 x 14	676	12	15
4	YHC047E4RLA005D	17.5	50,500	49,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	858	14	20
5	YHC067E4RLA005D	17.2	60,000	49,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	917	16	20
<b>YHC - 575/3/60 - Three Phase - Low Heat</b>											
3	YHC037EWRLA005D	17.5	36,500	48,000	78	36 x 44 x 69	18 x 15.5	24 x 14	676	9	15
4	YHC047EWRLA005D	17.5	50,500	49,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	858	11	15
5	YHC067EWRLA005D	17.2	60,000	49,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	917	12	15
<b>YHC - 208-230/3/60 - Three Phase - Medium Heat</b>											
3	YHC037E3RMA005D	17.5	36,500	64,000	78	36 x 44 x 69	18 x 15.5	24 x 14	676	24	30
4	YHC047E3RMA005D	17.5	50,500	64,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	858	30	40
5	YHC067E3RMA005D	17.2	60,000	64,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	917	33	45
<b>YHC - 460/3/60 - Three Phase - Medium Heat</b>											
3	YHC037E4RMA005D	17.5	36,500	64,000	78	36 x 44 x 69	18 x 15.5	24 x 14	676	12	15
4	YHC047E4RMA005D	17.5	50,500	64,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	858	14	20
5	YHC067E4RMA005D	17.2	60,000	64,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	917	16	20
<b>YHC - 575/3/60 - Three Phase - Medium Heat</b>											
3	YHC037EWRMA005D	17.5	36,500	64,000	78	36 x 44 x 69	18 x 15.5	24 x 14	676	9	15
4	YHC047EWRMA005D	17.5	50,500	64,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	858	11	15
5	YHC067EWRMA005D	17.2	60,000	64,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	917	12	15
<b>YHC - 208-230/3/60 - Three Phase - High Heat</b>											
3	YHC037E3RMA005D	17.5	36,500	80,000	78	36 x 44 x 69	18 x 15.5	24 x 14	676	24	30
4	YHC047E3RMA005D	17.5	50,500	96,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	858	30	40
5	YHC067E3RMA005D	17.2	60,000	104,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	917	33	45
<b>YHC - 460/3/60 - Three Phase - High Heat</b>											
3	YHC037E4RMA005D	17.5	36,500	80,000	78	36 x 44 x 69	18 x 15.5	24 x 14	676	12	15
4	YHC047E4RMA005D	17.5	50,500	96,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	858	14	20
5	YHC067E4RMA005D	17.2	60,000	104,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	917	16	20
<b>YHC - 575/3/60 - Three Phase - High Heat</b>											
3	YHC037EWRMA005D	17.5	36,500	80,000	78	36 x 44 x 69	18 x 15.5	24 x 14	676	9	15
4	YHC047EWRMA005D	17.5	50,500	96,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	858	11	15
5	YHC067EWRMA005D	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.

# Precedent™ Packaged Gas/Electric Convertible 3-5 Tons, 15 SEER, R-410A

Table LPG-3-A - Base Unit - 15 SEER High Efficiency - Electromechanical or ReliaTel™

Tons	Unit Ordering No.	Performance SEER	Cooling Capacity (Btuh)	Heating Output <sup>①</sup> Capacity (Btuh)	AFUE/S.S. Furnace Eff%	Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA**	Max. Fuse**
<b>YHC - 208-230/3/60 - Three Phase - Low Heat</b>											
3	YHC036E3*LA005D	15.0	37,600	48,000	78	36 x 44 x 69	18 x 15.5	24 x 14	637	21	30
4	YHC048F3*LA005D	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*LA005D	15.0	61,000	49,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	894	30	45
<b>YHC - 460/3/60 - Three Phase - Low Heat</b>											
3	YHC036E4*LA005D	15.0	37,600	48,000	78	36 x 44 x 69	18 x 15.5	24 x 14	637	12	15
4	YHC048F4*LA005D	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*LA005D	15.0	61,000	49,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	894	14	20
<b>YHC - 575/3/60 - Three Phase - Low Heat</b>											
3	YHC036EW*LA005D	14.4	37,600	48,000	78	36 x 44 x 69	18 x 15.5	24 x 14	637	10	15
4	YHC048FW*LA005D	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*LA005D	15.0	61,000	49,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	894	11	15
<b>YHC - 208-230/3/60 - Three Phase - Medium Heat</b>											
3	YHC036E3*MA005D	15.0	37,600	64,000	78	36 x 44 x 69	18 x 15.5	24 x 14	676	21	30
4	YHC048F3*MA005D	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*MA005D	15.0	61,000	64,000	79	41 x 53 x 88	33 x 17.5	32 x 17.5	917	30	45
<b>YHC - 460/3/60 - Three Phase - Medium Heat</b>											
3	YHC036E4*MA005D	15.0	37,600	64,000	78	36 x 44 x 69	18 x 15.5	24 x 14	676	12	15
4	YHC048F4*MA005D	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*MA005D	15.0	61,000	64,000	79	41 x 53 x 88	33 x 17.5	32 x 17.5	917	14	20
<b>YHC - 575/3/60 - Three Phase - Medium Heat</b>											
3	YHC036EW*MA005D	14.4	37,600	64,000	78	36 x 44 x 69	18 x 15.5	24 x 14	676	10	15
4	YHC048FW*MA005D	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*MA005D	15.0	61,000	64,000	79	41 x 53 x 88	33 x 17.5	32 x 17.5	917	11	15
<b>YHC - 208-230/3/60 - Three Phase - High Heat</b>											
3	YHC036E3*HA005D	15.0	37,600	96,000	78	36 x 44 x 69	18 x 15.5	24 x 14	676	21	30
4	YHC048F3*HA005D	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*HA005D	15.0	61,000	104,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	917	30	45
<b>YHC - 460/3/60 - Three Phase - High Heat</b>											
3	YHC036E4*HA005D	15.0	37,600	96,000	78	36 x 44 x 69	18 x 15.5	24 x 14	676	12	15
4	YHC048F4*HA005D	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*HA005D	15.0	61,000	104,000	80	41 x 53 x 88	33 x 17.5	32 x 17.5	917	14	20
<b>YHC - 575/3/60 - Three Phase - High Heat</b>											
3	YHC036EW*HA005D	14.4	37,600	96,000	78	36 x 44 x 69	18 x 15.5	24 x 14	676	10	15
4	YHC048FW*HA005D	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*HA005D	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.

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HEATING & AIR CONDITIONING

# Precedent™ Packaged Gas/Electric Convertible 3-5 Tons, 14 SEER, R-410A

Table LPG-4-A - Base Unit - 14 SEER - Electromechanical or ReliaTel™

Tons	Unit Ordering No.	Performance SEER	Cooling Capacity (Btuh)	Heating Output <sup>①</sup> Capacity Lo/Hi (Btuh)	AFUE%	Cabinet Dimensions (in.) H x W x L	Downflow Supply	Downflow Return	Shipping Weight (lbs.)	MCA**	Max. Fuse**
<b>YSC - 208/230/3/60 - Three Phase - Low Heat</b>											
3	YSC036G3*LB005D	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*LB005D	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*LB005D	14.0	60,000	44,800/64,000	82	41 x 44 x 69	18 x 15.5	24 x 14	627	29	40
<b>YSC - 460/3/60 - Three Phase - Low Heat</b>											
3	YSC036G4*LB005D	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*LB005D	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*LB005D	14.0	60,000	44,800/64,000	82	41 x 44 x 69	18 x 15.5	24 x 14	627	13	15
<b>YSC - 575/3/60 - Three Phase - Low Heat</b>											
3	YSC036GW*LB005D	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*LB005D	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*LB005D	14.0	60,000	44,800/64,000	82	41 x 44 x 69	18 x 15.5	24 x 14	627	10	15
<b>YSC - 208/230/3/60 - Three Phase - Medium Heat</b>											
3	YSC036G3*MB005D	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*MB005D	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*MB005D	14.0	60,000	56,000/80,000	82	41 x 44 x 69	18 x 15.5	24 x 14	627	29	40
<b>YSC - 460/3/60 - Three Phase - Medium Heat</b>											
3	YSC036G4*MB005D	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*MB005D	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*MB005D	14.0	60,000	56,000/80,000	82	41 x 44 x 69	18 x 15.5	24 x 14	627	13	15
<b>YSC - 575/3/60 - Three Phase - Medium Heat</b>											
3	YSC036GW*MB005D	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*MB005D	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*MB005D	14.0	60,000	56,000/80,000	82	41 x 44 x 69	18 x 15.5	24 x 14	627	10	15
<b>YSC - 208/230/3/60 - Three Phase - High Heat</b>											
3	YSC036G3*HB005D	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*HB005D	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*HB005D	14.0	60,000	84,000/120,000	82	41 x 44 x 69	18 x 15.5	24 x 14	627	29	40
<b>YSC - 460/3/60 - Three Phase - High Heat</b>											
3	YSC036G4*HB005D	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*HB005D	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*HB005D	14.0	60,000	84,000/120,000	82	41 x 44 x 69	18 x 15.5	24 x 14	627	13	15
<b>YSC - 575/3/60 - Three Phase - High Heat</b>											
3	YSC036GW*HB005D	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*HB005D	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*HB005D	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.

# Precedent™ Packaged Gas/Electric Convertible 3-5 Tons (Model Digit Numbers)

Digit	Description	Order Number	Digit	Description	Order Number
1-8	Main Assembly (see previous page)		20	Convenience Outlet	
9	Unit Controls			No Convenience Outlet	0
	Electromechanical	E		Unpowered Convenience Outlet	A
	ReliaTel™ Micro-processor	R		Powered Convenience Outlet (three-phase only)®	B
10	Heating Capacity		21	Communications Options®	
	Low	L		No Communications Interface	0
	Medium	M		Communications Interface	1
	High	H		LonTalk® Communications Interface	2
	Low - Stainless Steel Heat Exchanger	X		BACnet™ Communications Interface	6
	Medium - Stainless Steel Heat Exchanger	Y	22	Refrigeration System Option	
	High - Stainless Steel Heat Exchanger	Z		Standard Refrigeration System®	0
11	Design Sequence	*		Dehumidification Option®②③	B
12-13	Service Sequence		23	Refrigeration Controls	
	First Sequence (Factory assigned)	*,*		<i>Note: Applicable to Digit 7 = E, F</i>	
14	Fresh Air Selection			No Refrigeration Control®	0
	No Fresh Air	0		Frostat®②	1
	Manual Outside Air Damper 0-50%④	A	24	Smoke Detector®	
	Motorized Outside Air Damper 0-50%⑦	B		No Smoke Detector	0
	Economizer, Dry Bulb 0-100% without Barometric Relief⑦	C		Return Air Smoke Detector®②	A
	Economizer, Dry Bulb 0-100% with Barometric Relief⑦	D		Supply Air Smoke Detector	B
	Economizer, Reference Enthalpy 0-100% without Barometric Relief③⑦	E		Supply and Return Air Smoke Detectors®②	C
	Economizer, Reference Enthalpy 0-100% with Barometric Relief③⑦	F		Plenum Smoke Detector	D
	Economizer, Comparative Enthalpy 0-100% without Barometric Relief③⑦	G	25	System Monitoring Controls	
	Economizer, Comparative Enthalpy 0-100% with Barometric Relief③⑦	H		No Monitoring Control®	0
	Low Leak Economizer, Dry Bulb with Barometric Relief	K		Clogged Filter Switch®	1
	Low Leak Economizer, Comparative Enthalpy with Barometric Relief	M		Fan Failure Switch®	2
	Low Leak Economizer, Reference Enthalpy with Barometric Relief	P		Discharge Air SensingTube®	3
15	Supply Fan/Drive Type/Motor			Clogged Filter Switch and Fan Failure Switch®	4
	Standard Drive®	0		Clogged Filter Switch and Discharge Air SensingTube®	5
	Oversized Motor	1		Fan Failure Switch and Discharge Air SensingTube®	6
	Optional Belt Drive Motor®	2		Clogged Filter Switch, Fan Failure Switch and Discharge Air SensingTube®	7
	Single Zone VAV®	6		Condensate Drain Pan Overflow Switch	A
	Multi-Speed Indoor Fan®	7		Clogged Filter Switch® and Condensate Drain Pan Overflow Switch	B
	VAV Supply Air Temperature Control Standard Motor®	E		Fan Failure Switch® and Condensate Drain Pan Overflow Switch	C
16	Hinged Service Access/Filters			Discharge Air Sensing® and Condensate Drain Pan Overflow Switch	D
	Standard Panels/Standard Filters	0		Clogged Filter Switch®, Fan Failure Switch® and Condensate Drain Pan Overflow Switch	E
	Hinged Access Panels/Standard Filters	A		Clogged Filter Switch®, Discharge Air SensingTube® and Condensate Drain Pan Overflow Switch	F
	Standard Panels/2" MERV 8 Filters	B		Fan Failure Switch, Discharge Air SensingTube® and Condensate Drain Pan Overflow Switch	G
	Hinged Access Panels/2" MERV 8 Filters	C		Clogged Filter Switch®, Fan Failure Switch®, Discharge Air Sensing® and Condensate Drain Pan Overflow Switch	H
	Standard Panels/2" MERV 13 Filters	D	26	System Monitoring Controls	
	Hinged Access Panels/2" MERV 13 Filters	E		No Monitoring Controls	0
17	Condenser Coil Protection			Demand Control Ventilation (CO <sub>2</sub> )®③	A
	Standard Coil	0	27	Unit Hardware Enhancements	
	Standard Coil with Hail Guard	1		No Enhancements	0
	Black Epoxy Pre-Coated Condenser Coil®	2		Stainless Steel Drain Pan	1
	Black Epoxy Pre-Coated Condenser Coil with Hail Guard®	3	31	Advanced Unit Controls	
	CompleteCoat™ Condenser Coil	4		Standard Unit Controls	0
	CompleteCoat™ Condenser Coil with Hail Guard	5		Human Interface	1
18	Through the Base Provisions				
	<i>Note: Applicable to Digit 1, T or Y models</i>				
	No Through-the-Base Provisions	0			
	Through-the-Base Electric®	A			
	<i>Note: Applicable to Digit 1, Y models only</i>				
	Through-the-Base Gas Piping®	B			
	Through-the-Base Electric and Gas Piping®	C			
19	Disconnect/Circuit Breaker (three-phase only)				
	No Disconnect/No Circuit Breaker	0			
	Unit Mounted Non-Fused Disconnect®	1			
	Unit Mounted Circuit Breaker®	2			

See Footnotes ①-⑧ next page.

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

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HEATING &amp; AIR CONDITIONING

# Precedent™ Packaged Gas/Electric Convertible 3-5 Tons (Model Digit Numbers)

- ① Available on 3-5 Ton models.
- ② Standard on 4-5 Ton E3,4,W 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.
- 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

**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

**Digit 15 = 2****Standard Efficiency**

3 Phase = Not Available

**High Efficiency**

1 Phase = Not Available

**Not Available**

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

- ⑩ Standard metering devices are TXVs.
- ⑪ Froststat cannot be field installed in electro-mechanical units.
- ⑫ The return air smoke detector may not fit up or work properly on the Precedent units when used in conjunction with 3rd party accessories such as bolt on heat wheels, economizers and power exhaust. Do not order the return air smoke detectors when using this type of accessory.

- ⑬ Return Air Smoke Detector cannot be ordered with Novar Controls.
- ⑭ These options are standard when ordering Novar Controls.
- ⑮ This option is used when ordering Novar Controls.
- ⑯ Includes gas piping and shutoff (field assembly required).
- ⑰ Not available with high temperature duct sensor accessory.
- ⑱ Digit 15 = 2
- ⑲ Novar Sensor utilized with Digit 21 = (4) Novar 3051 Controls without Zone Sensor.
- ⑳ Available for T/Y 10 ton standard efficiency models only.
- ㉑ Available for T/Y 3, 4, 5, 6, 7½, 8½ ton standard/high efficiency models only.
- ㉒ Requires selection of 2" Pleated Filters (option B or C) for Digit 16.
- ㉓ Not available on 6 ton units and all single phase or standard efficiency.
- ㉔ Standard on T/YSC 6, 7½ (single and dual systems), 8½, 10 ton standard efficiency models and T/YHC 4, 5, 6, 7½ ton high efficiency models (except for dehumidification models).
- ㉕ Standard on T/YSC 6 (single and dual systems) ton standard efficiency models and T/YHC 4, 5, ton high efficiency models (except for dehumidification models)
- ㉖ Epoxy coil and epoxy with hailguard options are not available for units with microchannel condenser coil.
- ㉗ N/A
- ㉘ N/A
- ㉙ Motorized Outside Air Damper is not available on Multi-Speed or SZVAV (Single Zone Variable Air Volume) products.
- ㉚ Froststat standard on Multi-Speed and SZVAV (Single Zone Variable Air Volume) products.
- ㉛ Novar is not available with SZVAV products.
- ㉜ Demand Control Ventilation not available with electromechanical controls.
- ㉝ Demand Control Ventilation Option includes wiring only. The CO<sub>2</sub> sensor is a field-installed only option.
- ㉞ When ordering Dehumidification option, digit #7 will revert back to E, not F.



# Precedent™ Packaged Gas/Electric Convertible 3-5 Tons Accessories

**Table LPG-7-A — Accessories**

Model Number	Description	Used With®
BAYABRD001*③	ReliaTel™ Options Module	All Precedents
BAYASCT001*⑦⑧	Anti-Short-Cycle Timer	All Precedents w/ Electromechanical
BAYBARM010*⑥	Barometric Relief	YSC036-060, YHC036, YHC037
BAYBARM011*⑤	Barometric Relief	YSC048-060, YHC047-067
BAYBCIR200*	BACnet™ Communication Interface	All Precedents w/ ReliaTel™
BAYCURB042 / FIACURB401*②	Roof Curb	YSC036-060, YHC036, YHC037
BAYCURB043 / FIACURB402*②	Roof Curb	YHC047-067
BAYDFPS003*③⑥	Clogged Filter Switch (MERV 8)	All Precedents
BAYDFPS014*	Clogged Filter Switch (MERV 13)	All Precedents
BAYDFPS004*③⑥	Fan Failure Switch	All Precedents
BAYDMPR053*	0-50% Manual Outside Air Damper	YSC036-060, YHC036, YHC037
BAYDMPR056*	0-50% Manual Outside Air Damper	YSC048-060, YHC047-067
BAYDMPR051*③	0-50% Motorized Outside Air Damper	YSC036-060, YHC036, YHC037 (ReliaTel™)
BAYDMPR052*⑦	0-50% Motorized Outside Air Damper	YSC036-060, YHC036 (Electromechanical)
BAYDMPR054*③	0-50% Motorized Outside Air Damper	YSC048-060, YHC047-067 (ReliaTel™)
BAYDMPR055*⑦	0-50% Motorized Outside Air Damper	YSC048-060, YHC048-060 (Electromechanical)
BAYECON085*③	0-100% Dry Bulb Economizer	YSC036-060, YHC036, YHC037 (ReliaTel™)
BAYECON086*⑦	0-100% Dry Bulb Economizer	YSC036-060, YHC036 (Electromechanical)
BAYECON087*③	0-100% Dry Bulb Economizer	YSC048-060, YHC047-067 (ReliaTel™)
BAYECON088*⑦	0-100% Dry Bulb Economizer	YSC048-060, YHC048-060 (Electromechanical)
BAYECON704*	Downflow Low Leak Economizer	YSC072-120, YHC047-120 (ReliaTel™)
BAYECON705*	Downflow Low Leak Economizer	YSC036-060, YHC036, YHC037 (ReliaTel™)
BAYENTH300*	Reference Enthalpy Kit (Solid State)	BAYECON086B, 088B (Electromechanical)
BAYENTH301*	Comparative Enthalpy Kit (Solid State)	BAYECON086B, 088B (Electromechanical)
BAYENTH005*①	Reference Enthalpy Kit	BAYECON085A, 087A (ReliaTel™)
BAYENTH006*①	Comparative Enthalpy Kit	BAYECON085A, 087A (ReliaTel™)
BAYFRST003*③④	High Temperature Stat	All Precedents
BAYGARD237*	Condenser Coil Hail Guard	YHC036, YHC037
BAYGARD240*	Condenser Coil Hail Guard	YSC072-090, YHC047-067
BAYGARD437*	Condenser Coil Hail Guard	YSC036-060
BAYGARD241*	Condenser Coil Hail Guard	YHC072-067
BAYHAKT011*	High Altitude Kit	YSC036-060G
BAYHAKT010*	High Altitude Kit	YHC036-067

- 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 BAYABRD001\* is required when ordering field installed accessories Clogged Filter Switch (BAYDFPS003\*), Fan Fail Switch (BAYDFPS004\*), Discharge Air Sensing Kit (BAYTUBE004\* or BAYTUBE005\*) or Evaporator Defrost Control (Frostat) (BAYLOAM020\*) Ventilation Override Kit (BAYVNOR001\*) 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.
- ® A=R-22, E=410A
- \* Parts designator subject to 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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# Precedent™ Packaged Gas/Electric Convertible 3-5 Tons Accessories

**Table LPG-8-A — Accessories**

Model Number	Description	Used With
BAYICSI003* <sup>④⑦</sup>	Communications Interface (TCI)	All Precedents (ReliaTel™)
BAYLMSW001* <sup>⑩</sup>	Power Exhaust Limit Switch	All Precedents
BAYLOAM020* <sup>⑤</sup>	Evaporator Defrost Control (Frostat)	YHC036-067E*R,
BAYLOAM120*	Evaporator Defrost Control (Frostat)	YSC036-060G*R (ReliaTel™)
BAYLTCI002* <sup>④</sup>	LonTalk® Communications Interface (LCI)	All Precedents (ReliaTel™)
BAYLPKT029* <sup>⑥</sup>	LP Conversion Kit	YSC036-060*L/M/H, YSC072*H, YSC090-102*M/H, YSC120*L/M/H
BAYLPKT050* <sup>⑩</sup>	LP Conversion Kit	YHC036-067*L/M/H
BAYPWRX026*	Power Exhaust (208-230V)	YHC047-067*3
BAYPWRX027*	Power Exhaust (460V)	YHC047-120*4
BAYPWRX028*	Power Exhaust (575V)	YHC047-067*W
BAYPWRX070*	Power Exhaust (208-230V)	YSC036-060*3, YHC036-067*3
BAYPWRX071*	Power Exhaust (460V)	YSC036-060*4, YHC036-067*4
BAYPWRX072*	Power Exhaust (575V)	YSC036-060*W, YHC036-067*W
BAYQACB009* <sup>②⑤</sup>	Quick Adapt Roof Curb	YSC036-060, YHC036, YHC037
BAYQACB010* <sup>②⑤</sup>	Quick Adapt Roof Curb	YSC036-060, YHC036, YHC037
BAYQACB011* <sup>②⑦</sup>	Quick Adapt Roof Curb	YHC047-067
BAYQACB012* <sup>②⑦</sup>	Quick Adapt Roof Curb	YHC047-067
BAYQACB013 / FIAQACB027* <sup>②⑦</sup>	Quick Adapt Roof Curb	YHC047-067
BAYQACB114 / FIAQACB044* <sup>②⑤</sup>	Quick Adapt Roof Curb	YHC048-067H
BAYQACB115* <sup>②⑤</sup>	Quick Adapt Roof Curb	YHC048-067H
BAYRTEM001* <sup>⑩</sup>	Fully Featured ReliaTel™ Economizer Logic Model	All Precedents
BAYSENS016* <sup>④</sup>	Temperature Sensor	All Precedents
BAYCO2K003* <sup>②</sup>	CO2 Duct Mounted, Sensor Only	All Precedents (ReliaTel™)
BAYCO2K001* <sup>②</sup>	CO2 Wall Mounted, Sensor Only	All Precedents (ReliaTel™)
BAYSERV001* <sup>④</sup>	Selection Resistance Service Tester	All Precedents
BAYSTAT023*	Remote Potentiometer	All Precedents
BAYTUBE004* <sup>②④⑤</sup>	Discharge Air Sensing Kit	YHC036-037 (ReliaTel™)
BAYTUBE006* <sup>②④⑤</sup>	Discharge Air Sensing Kit	YHC047-067*R (ReliaTel™)
BAYTUBE104*	Discharge Air Sensing Kit	YSC036-060 (ReliaTel™)
BAYVNOR001* <sup>④⑤⑨</sup>	Ventilation Override Kit	All Precedents

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 BAYABRD001\* is required when ordering field installed accessories Clogged Filter Switch (BAYDFPS003\*), Fan Fail Switch (BAYDFPS004\*), Discharge Air Sensing Kit (BAYTUBE004\* or BAYTUBE005\*) or Evaporator Defrost Control (Frostat) (BAYLOAM020\*) Ventilation Override Kit (BAYVNOR001\*) 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 BAYQACB009\* adapts Voyager BAYCURB021\* to accept Precedent 3 -5 ton unit. BAYQACB010\* adapts Voyager BAYCURB022\* to accept Precedent 3-5 ton unit. BAYQACB012\* adapts Voyager BAYCURB025\* to accept Precedent 6-10 ton unit. BAYQACB013\* adapts Voyager BAYCURB026\* to accept Precedent 6-10 ton unit. BAYQACB011\* adapts Voyager BAYCURB022\* 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, BAYLMSW001\* must be ordered.

⑫ If any version of comparative or reference enthalpy is ordered, BAYRTEM001\* 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)

\* Parts designator subject to 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.

# Precedent™ Packaged Gas/Electric Convertible 3-5 Tons Zone Sensors / Thermostats

**Table LPG-9-A — Zone Sensors for ReliaTel™ Controlled Units**

Model Number	Description	Used With
BAYSENS036* <sup>③</sup>	Wall-Mounted Humidity Zone Sensor	Y*C036-060 <sup>Ⓞ</sup> R, YHC037-067 <sup>Ⓞ</sup> R
BAYSENS037* <sup>③</sup>	Duct-Mounted Humidity Zone Sensor	Y*C036-060* <sup>Ⓞ</sup> R, YHC037-067 <sup>Ⓞ</sup> R
BAYSENS073* <sup>①</sup>	Room Sensor w/ Override and Cancel Buttons	Y*C036-120 <sup>Ⓞ</sup> , R, YHC037-067
BAYSENS074* <sup>①</sup>	Room Sensor w/ Temp. Adjustment with Override and Cancel Buttons	Y*C036-120 <sup>Ⓞ</sup> , R, YHC037-067
BAYSENS077*	Remote Room Sensor BAYSENS006B, 008B, 010B, 019C, 106A,108A,110A,119A	
BAYSENS106*	Single Setpoint Manual Changeover	Y*C036-060 <sup>Ⓞ</sup> R, YHC037-067 <sup>Ⓞ</sup> R
BAYSENS108*	Dual Setpoint Manual or Auto Changeover	Y*C036-060 <sup>Ⓞ</sup> R, YHC037-067 <sup>Ⓞ</sup> R
BAYSENS110*	Dual Setpoint Man. or Auto Change-over with System Function Lights	Y*C036-060 <sup>Ⓞ</sup> R, YHC037-067 <sup>Ⓞ</sup> R
BAYSENS119*	Programmable Night Setback w/System Function Lights	Y*C036-060 <sup>Ⓞ</sup> R, YHC037-067 <sup>Ⓞ</sup> R
BAYSENS135*	Digital Display Zone Sensor Function Lights	Y*C036-060 <sup>Ⓞ</sup> R, YHC037-067 <sup>Ⓞ</sup> R
BAYMTPL110*	Retrofit Wall Cover from Horizontal to Vertical	Y*C036-060 <sup>Ⓞ</sup> R, YHC037-067 <sup>Ⓞ</sup> R
BAYSENS050* <sup>④</sup>	Digital Display Wireless Zone Sensor	Y*C036-060 <sup>Ⓞ</sup> R
BAYSENS924*	Programmable Zone Sensor - IECC/Title 24 <sup>Ⓞ</sup>	Y*C036-060 <sup>Ⓞ</sup> R, YHC037-067 <sup>Ⓞ</sup> R

**Table LPG-9-B — Thermostats**

Model Number	Description	Used With
BAYSTAT150*	2H/2C Digital Display Programmable Thermostat	Y*C036-060 <sup>Ⓞ</sup> E
BAYSTAT152*	3H/2C Programmable Touchscreen Thermostat	Y*C036-060 <sup>Ⓞ</sup> E
BAYSTAT155*	3H/2C Digital Display Thermostat	Y*C036-060 <sup>Ⓞ</sup> E
BAYSTAT170*	Duct Mounted Return Air Sensor	BAYSTAT152*

① Used with Integrated Comfort™ Systems, any unit type. These sensors do not work with TCM. Consult BASD Marketing for them.

② Do not use with Programmable Thermostats.

③ For use with Dehumidification (Hot Gas Reheat) Coil Option.

④ Kit comes with everything required for installing & operation.

⑤ Must be used with ReliaTel™ Control and BCI Communications Interface.

⑥ Either standard or high efficiency models.

\* Parts designator subject to change

BUILT TO A HIGHER STANDARD<sup>®</sup>**American Standard<sup>®</sup>**

HEATING &amp; AIR CONDITIONING



Small compact cabinet  
Recessed access handles

## Precedent<sup>™</sup> Packaged Gas/Electric with Symbio<sup>™</sup> Convertible 6-25 Tons

### Standard Features:

- Symbio 700 controller
- MultiSpeed Indoor
- Manifolded scroll compressors
- 6-17.5 tons = 3 stages of cooling; 20-25 tons = 4 stages of cooling
- Microchannel condenser and evaporator coils
- Colored, keyed, and numbered wiring
- Froststat
- Phase monitor
- Coil/Hailguards
- Crankcase heaters on all compressors
- 2" filters
- Backward curved direct drive plenum supply fan
- Liquid line refrigerant drier
- Operating Charge of R-410A
- Composite dual sloped drain pans
- Low Ambient cooling to 40°F
- 5 - year Limited Compressor Warranty
- 3 - year Limited Parts Warranty
- 10 - year Limited Aluminized Steel Heat Exchanger Warranty

### Added Flexibility

- Standard or high efficiency cooling models available.
- Convertible airflow (ships in downflow application)
- 2" filters included
- Fork lift openings on three sides of unit
- 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

- Outdoor air dampers (manual or motorized)
- Economizers (Base or Low Leak)
- Dry Bulb, Reference Enthalpy, Comparative Enthalpy, or Differential Dry Bulb economizer control options
- Stainless steel tubular heat exchanger
- Through-the-Base — Electrical and/or Gas
- Convenience Outlet — Powered or unpowered
- Unit Disconnect Switch
- Smoke Detectors — Supply, return, or both
- Condenser Coil Coating
- Hinged Access Service Panels
- Discharge Air Sensor
- Low Ambient cooling to 0°F
- Clogged Filter Switch
- Dehumidification (Modulating Hot Gas Reheat)
- Symbio 700 BACnet<sup>®</sup> communication interface license
- Symbio 700 LonTalk<sup>®</sup> communication interface license
- 2" MERV 8 filters or 2" MERV 13 filters
- Single Zone or Multiple Zone VAV Indoor Airflow
- Demand Control Ventilation
- Stainless Steel Drainpan
- Condensate Drainpan Overflow Switch

# Precedent™ Packaged Gas/Electric with Symbio™ Convertible 6-25 Tons, High Efficiency, R-410A

**Table LP-11-A – Base Unit– High Efficiency – R-410A – Symbio**

Tons	Unit Ordering No.	Performance IEER(2-speed)/EER	Net Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x W x L	Cabinet	Shipping Weight (lbs.)	MCA**	Max Fuse**
<b>YHJ – 208-230/3/60 – Three Phase - Low Heat</b>								
6	YHJ072A3S0L0000	15.9/12.1	73,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1107	38	50
7.5	YHJ090A3S0L0000	16.6/12.1	91,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1111	42	50
8.5	YHJ102A3S0L0000	16.6/12.1	104,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1127	48	60
10	YHJ120A3S0L0000	15.1/11.4	123,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1137	54	70
12.5	YHJ150A3S0L0000	15.3/10.8	154,000	50 <sup>7</sup> / <sub>8</sub> x 63 <sup>1</sup> / <sub>8</sub> x 99 <sup>5</sup> / <sub>8</sub>	C	1512	64	90
15	YHJ180A3S0L0000	17.5/11.9	185,000	59 x 87 x 123	D	2220	78	100
17.5	YHJ210A3S0L0000	15.7/11.6	215,000	59 x 87 x 123	D	2250	93	110
20	YHJ240A3S0L0000	16.3/10.8	247,000	59 x 87 x 123	D	2320	108	125
25	YHJ300A3S0L0000	15.6/10.6	282,000	59 x 87 x 123	D	2370	119	150
<b>YHJ – 460/3/60 – Three Phase - Low Heat</b>								
6	YHJ072A4S0L0000	15.9/12.1	73,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1107	18	20
7.5	YHJ090A4S0L0000	16.6/12.1	91,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1111	21	25
8.5	YHJ102A4S0L0000	16.6/12.1	104,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1127	25	30
10	YHJ120A4S0L0000	15.1/11.4	123,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1137	29	40
12.5	YHJ150A4S0L0000	15.3/10.8	154,000	50 <sup>7</sup> / <sub>8</sub> x 63 <sup>1</sup> / <sub>8</sub> x 99 <sup>5</sup> / <sub>8</sub>	C	1512	33	45
15	YHJ180A4S0L0000	17.5/11.9	185,000	59 x 87 x 123	D	2220	41	50
17.5	YHJ210A4S0L0000	15.7/11.6	215,000	59 x 87 x 123	D	2250	49	60
20	YHJ240A4S0L0000	16.3/10.8	247,000	59 x 87 x 123	D	2320	54	70
25	YHJ300A4S0L0000	15.6/10.6	282,000	59 x 87 x 123	D	2370	59	80
<b>YHJ – 575/3/60 – Three Phase - Low Heat</b>								
6	YHJ072AWS0L0000	15.9/12.1	73,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1107	15	15
7.5	YHJ090AWS0L0000	16.6/12.1	91,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1111	17	20
8.5	YHJ102AWS0L0000	16.6/12.1	104,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1127	19	25
10	YHJ120AWS0L0000	15.1/11.4	123,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1137	22	30
12.5	YHJ150AWS0L0000	15.3/10.8	154,000	50 <sup>7</sup> / <sub>8</sub> x 63 <sup>1</sup> / <sub>8</sub> x 99 <sup>5</sup> / <sub>8</sub>	C	1512	26	35
15	YHJ180AWS0L0000	17.5/11.9	185,000	59 x 87 x 123	D	2220	32	40
17.5	YHJ210AWS0L0000	15.7/11.6	215,000	59 x 87 x 123	D	2250	37	50
20	YHJ240AWS0L0000	16.3/10.8	247,000	59 x 87 x 123	D	2320	47	60
25	YHJ300AWS0L0000	15.6/10.6	282,000	59 x 87 x 123	D	2370	46	60
<b>YHJ – 208-230/3/60 – Three Phase - Medium Heat</b>								
6	YHJ072A3S0M0000	15.9/12.1	73,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1107	38	50
7.5	YHJ090A3S0M0000	16.6/12.1	91,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1111	42	50
8.5	YHJ102A3S0M0000	16.6/12.1	104,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1127	48	60
10	YHJ120A3S0M0000	15.1/11.4	123,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1137	54	70
12.5	YHJ150A3S0M0000	15.3/10.8	154,000	50 <sup>7</sup> / <sub>8</sub> x 63 <sup>1</sup> / <sub>8</sub> x 99 <sup>5</sup> / <sub>8</sub>	C	1512	64	90
15	YHJ180A3S0M0000	17.5/11.9	185,000	59 x 87 x 123	D	2220	78	100
17.5	YHJ210A3S0M0000	15.7/11.6	215,000	59 x 87 x 123	D	2250	93	110
20	YHJ240A3S0M0000	16.3/10.8	247,000	59 x 87 x 123	D	2320	108	125
25	YHJ300A3S0M0000	15.6/10.6	282,000	59 x 87 x 123	D	2370	119	150
<b>YHJ – 460/3/60 – Three Phase - Medium Heat</b>								
6	YHJ072A4S0M0000	15.9/12.1	73,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1107	18	20
7.5	YHJ090A4S0M0000	16.6/12.1	91,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1111	21	25
8.5	YHJ102A4S0M0000	16.6/12.1	104,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1127	25	30
10	YHJ120A4S0M0000	15.1/11.4	123,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1137	29	40
12.5	YHJ150A4S0M0000	15.3/10.8	154,000	50 <sup>7</sup> / <sub>8</sub> x 63 <sup>1</sup> / <sub>8</sub> x 99 <sup>5</sup> / <sub>8</sub>	C	1512	33	45
15	YHJ180A4S0M0000	17.5/11.9	185,000	59 x 87 x 123	D	2220	41	50
17.5	YHJ210A4S0M0000	15.7/11.6	215,000	59 x 87 x 123	D	2250	49	60
20	YHJ240A4S0M0000	16.3/10.8	247,000	59 x 87 x 123	D	2320	54	70
25	YHJ300A4S0M0000	15.6/10.6	282,000	59 x 87 x 123	D	2370	59	80
<b>YHJ – 575/3/60 – Three Phase - Medium Heat</b>								
6	YHJ072AWS0M0000	15.9/12.1	73,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1107	15	15
7.5	YHJ090AWS0M0000	16.6/12.1	91,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1111	17	20
8.5	YHJ102AWS0M0000	16.6/12.1	104,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1127	19	25
10	YHJ120AWS0M0000	15.1/11.4	123,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1137	22	30
12.5	YHJ150AWS0M0000	15.3/10.8	154,000	50 <sup>7</sup> / <sub>8</sub> x 63 <sup>1</sup> / <sub>8</sub> x 99 <sup>5</sup> / <sub>8</sub>	C	1512	26	35
15	YHJ180AWS0M0000	17.5/11.9	185,000	59 x 87 x 123	D	2220	32	40
17.5	YHJ210AWS0M0000	15.7/11.6	215,000	59 x 87 x 123	D	2250	37	50
20	YHJ240AWS0M0000	16.3/10.8	247,000	59 x 87 x 123	D	2320	47	60
25	YHJ300AWS0M0000	15.6/10.6	282,000	59 x 87 x 123	D	2370	46	60

\*\* Information subject to change. Please confirm with current product catalog Or IOM for current factory production.

BUILT TO A HIGHER STANDARD<sup>®</sup>

*American Standard*<sup>®</sup>

HEATING & AIR CONDITIONING

# Precedent™ Packaged Gas/Electric with Symbio™ Convertible 6-25 Tons, High Efficiency, R-410A

**Table LPG-12-A – Base Unit— High Efficiency – R-410A – Symbio**

Tons	Unit Ordering No.	Performance IEER(2-speed)/EER	Net Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x W x L	Cabinet	Shipping Weight (lbs.)	MCA**	Max Fuse**
<b>YHJ – 208-230/3/60 – Three Phase - High Heat</b>								
6	YHJ072A3S0H0000	15.9/12.1	73,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1107	38	50
7.5	YHJ090A3S0H0000	16.6/12.1	91,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1111	42	50
8.5	YHJ102A3S0H0000	16.6/12.1	104,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1127	48	60
10	YHJ120A3S0H0000	15.1/11.4	123,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1137	54	70
12.5	YHJ150A3S0H0000	15.3/10.8	154,000	50 <sup>7</sup> / <sub>8</sub> x 63 <sup>1</sup> / <sub>8</sub> x 99 <sup>5</sup> / <sub>8</sub>	C	1512	64	90
15	YHJ180A3S0H0000	17.5/11.9	185,000	59 x 87 x 123	D	2220	78	100
17.5	YHJ210A3S0H0000	15.7/11.6	215,000	59 x 87 x 123	D	2250	93	110
20	YHJ240A3S0H0000	16.3/10.8	247,000	59 x 87 x 123	D	2320	108	125
25	YHJ300A3S0H0000	15.6/10.6	282,000	59 x 87 x 123	D	2370	119	150
<b>YHJ – 460/3/60 – Three Phase - High Heat</b>								
6	YHJ072A4S0H0000	15.9/12.1	73,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1107	18	20
7.5	YHJ090A4S0H0000	16.6/12.1	91,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1111	21	25
8.5	YHJ102A4S0H0000	16.6/12.1	104,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1127	25	30
10	YHJ120A4S0H0000	15.1/11.4	123,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1137	29	40
12.5	YHJ150A4S0H0000	15.3/10.8	154,000	50 <sup>7</sup> / <sub>8</sub> x 63 <sup>1</sup> / <sub>8</sub> x 99 <sup>5</sup> / <sub>8</sub>	C	1512	33	45
15	YHJ180A4S0H0000	17.5/11.9	185,000	59 x 87 x 123	D	2220	41	50
17.5	YHJ210A4S0H0000	15.7/11.6	215,000	59 x 87 x 123	D	2250	49	60
20	YHJ240A4S0H0000	16.3/10.8	247,000	59 x 87 x 123	D	2320	54	70
25	YHJ300A4S0H0000	15.6/10.6	282,000	59 x 87 x 123	D	2370	59	80
<b>YHJ – 575/3/60 – Three Phase – High Heat</b>								
6	YHJ072AWS0H0000	15.9/12.1	73,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1107	15	15
7.5	YHJ090AWS0H0000	16.6/12.1	91,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1111	17	20
8.5	YHJ102AWS0H0000	16.6/12.1	104,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1127	19	25
10	YHJ120AWS0H0000	15.1/11.4	123,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1137	22	30
12.5	YHJ150AWS0H0000	15.3/10.8	154,000	50 <sup>7</sup> / <sub>8</sub> x 63 <sup>1</sup> / <sub>8</sub> x 99 <sup>5</sup> / <sub>8</sub>	C	1512	26	35
15	YHJ180AWS0H0000	17.5/11.9	185,000	59 x 87 x 123	D	2220	32	40
17.5	YHJ210AWS0H0000	15.7/11.6	215,000	59 x 87 x 123	D	2250	37	50
20	YHJ240AWS0H0000	16.3/10.8	247,000	59 x 87 x 123	D	2320	47	60
25	YHJ300AWS0H0000	15.6/10.6	282,000	59 x 87 x 123	D	2370	46	60

\*\* Information subject to change. Please confirm with current product catalog Or IOM for current factory production.

# Precedent™ Packaged Gas/Electric with Symbio™ Convertible 6-25 Tons, R-410A

**Table LPG-13-A – Base Unit – Standard Efficiency – R-410A – Symbio**

Tons	Unit Ordering No.	Performance IEER(2-speed)/EER	Net Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x W x L	Cabinet	Shipping Weight (lbs.)	MCA**	Max Fuse**
<b>YSJ – 208-230/3/60 – Three Phase - Low Heat</b>								
6	YSJ072A3S0L0000	14.6/11.0	72,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1107	38	50
7.5	YSJ090A3S0L0000	14.6/11.0	90,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1111	42	50
8.5	YSJ102A3S0L0000	14.6/11.0	102,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1127	48	60
10	YSJ120A3S0L0000	14.6/11.0	120,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1137	54	70
12.5	YSJ150A3S0L0000	14.0/10.8	148,000	50 <sup>7</sup> / <sub>8</sub> x 63 <sup>1</sup> / <sub>8</sub> x 99 <sup>5</sup> / <sub>8</sub>	C	1512	64	90
15	YSJ180A3S0L0000	14.0/10.8	182,000	59 x 87 x 123	D	2220	78	100
17.5	YSJ210A3S0L0000	14.0/10.8	210,000	59 x 87 x 123	D	2250	93	110
20	YSJ240A3S0L0000	13.0/9.8	240,000	59 x 87 x 123	D	2320	108	125
25	YSJ300A3S0L0000	13.0/9.8	271,000	59 x 87 x 123	D	2370	119	150
<b>YSJ – 460/3/60 – Three Phase - Low Heat</b>								
6	YSJ072A4S0L0000	14.6/11.0	72,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1107	18	20
7.5	YSJ090A4S0L0000	14.6/11.0	90,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1111	21	25
8.5	YSJ102A4S0L0000	14.6/11.0	102,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1127	25	30
10	YSJ120A4S0L0000	14.6/11.0	120,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1137	29	40
12.5	YSJ150A4S0L0000	14.0/10.8	148,000	50 <sup>7</sup> / <sub>8</sub> x 63 <sup>1</sup> / <sub>8</sub> x 99 <sup>5</sup> / <sub>8</sub>	C	1512	33	45
15	YSJ180A4S0L0000	14.0/10.8	182,000	59 x 87 x 123	D	2220	41	50
17.5	YSJ210A4S0L0000	14.0/10.8	210,000	59 x 87 x 123	D	2250	49	60
20	YSJ240A4S0L0000	13.0/9.8	240,000	59 x 87 x 123	D	2320	54	70
25	YSJ300A4S0L0000	13.0/9.8	271,000	59 x 87 x 123	D	2370	59	80
<b>YSJ – 575/3/60 – Three Phase - Low Heat</b>								
6	YSJ072AWS0L0000	14.6/11.0	72,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1107	15	15
7.5	YSJ090AWS0L0000	14.6/11.0	90,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1111	17	20
8.5	YSJ102AWS0L0000	14.6/11.0	102,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1127	19	25
10	YSJ120AWS0L0000	14.6/11.0	120,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1137	22	30
12.5	YSJ150AWS0L0000	14.0/10.8	148,000	50 <sup>7</sup> / <sub>8</sub> x 63 <sup>1</sup> / <sub>8</sub> x 99 <sup>5</sup> / <sub>8</sub>	C	1512	26	35
15	YSJ180AWS0L0000	14.0/10.8	182,000	59 x 87 x 123	D	2220	32	40
17.5	YSJ210AWS0L0000	14.0/10.8	210,000	59 x 87 x 123	D	2250	37	50
20	YSJ240AWS0L0000	13.0/9.8	240,000	59 x 87 x 123	D	2320	47	60
25	YSJ300AWS0L0000	13.0/9.8	271,000	59 x 87 x 123	D	2370	46	60
<b>YSJ – 208-230/3/60 – Three Phase - Medium Heat</b>								
6	YSJ072A3S0M0000	14.6/11.0	72,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1107	38	50
7.5	YSJ090A3S0M0000	14.6/11.0	90,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1111	42	50
8.5	YSJ102A3S0M0000	14.6/11.0	102,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1127	48	60
10	YSJ120A3S0M0000	14.6/11.0	120,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1137	54	70
12.5	YSJ150A3S0M0000	14.0/10.8	148,000	50 <sup>7</sup> / <sub>8</sub> x 63 <sup>1</sup> / <sub>8</sub> x 99 <sup>5</sup> / <sub>8</sub>	C	1512	64	90
15	YSJ180A3S0M0000	14.0/10.8	182,000	59 x 87 x 123	D	2220	78	100
17.5	YSJ210A3S0M0000	14.0/10.8	210,000	59 x 87 x 123	D	2250	93	110
20	YSJ240A3S0M0000	13.0/9.8	240,000	59 x 87 x 123	D	2320	108	125
25	YSJ300A3S0M0000	13.0/9.8	271,000	59 x 87 x 123	D	2370	119	150
<b>YSJ – 460/3/60 – Three Phase - Medium Heat</b>								
6	YSJ072A4S0M0000	14.6/11.0	72,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1107	18	20
7.5	YSJ090A4S0M0000	14.6/11.0	90,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1111	21	25
8.5	YSJ102A4S0M0000	14.6/11.0	102,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1127	25	30
10	YSJ120A4S0M0000	14.6/11.0	120,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1137	29	40
12.5	YSJ150A4S0M0000	14.0/10.8	148,000	50 <sup>7</sup> / <sub>8</sub> x 63 <sup>1</sup> / <sub>8</sub> x 99 <sup>5</sup> / <sub>8</sub>	C	1512	33	45
15	YSJ180A4S0M0000	14.0/10.8	182,000	59 x 87 x 123	D	2220	41	50
17.5	YSJ210A4S0M0000	14.0/10.8	210,000	59 x 87 x 123	D	2250	49	60
20	YSJ240A4S0M0000	13.0/9.8	240,000	59 x 87 x 123	D	2320	54	70
25	YSJ300A4S0M0000	13.0/9.8	271,000	59 x 87 x 123	D	2370	59	80
<b>YSJ – 575/3/60 – Three Phase - Medium Heat</b>								
6	YSJ072AWS0M0000	14.6/11.0	72,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1107	15	15
7.5	YSJ090AWS0M0000	14.6/11.0	90,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1111	17	20
8.5	YSJ102AWS0M0000	14.6/11.0	102,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1127	19	25
10	YSJ120AWS0M0000	14.6/11.0	120,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1137	22	30
12.5	YSJ150AWS0M0000	14.0/10.8	148,000	50 <sup>7</sup> / <sub>8</sub> x 63 <sup>1</sup> / <sub>8</sub> x 99 <sup>5</sup> / <sub>8</sub>	C	1512	26	35
15	YSJ180AWS0M0000	14.0/10.8	182,000	59 x 87 x 123	D	2220	32	40
17.5	YSJ210AWS0M0000	14.0/10.8	210,000	59 x 87 x 123	D	2250	37	50
20	YSJ240AWS0M0000	13.0/9.8	240,000	59 x 87 x 123	D	2320	47	60
25	YSJ300AWS0M0000	13.0/9.8	271,000	59 x 87 x 123	D	2370	46	60

\*\* 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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# Precedent™ Packaged Gas/Electric with Symbio™ Convertible 6-25 Tons, R-410A

**Table LPG-14-A – Base Unit – Standard Efficiency – R-410A – Symbio**

Tons	Unit Ordering No.	Performance IEER(2-speed)/EER	Net Cooling Capacity (Btuh)	Cabinet Dimensions (in.) H x W x L	Cabinet	Shipping Weight (lbs.)	MCA**	Max Fuse**
<b>YSJ – 208-230/3/60 – Three Phase - High Heat</b>								
6	YSJ072A3S0H0000	14.6/11.0	72,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1107	38	50
7.5	YSJ090A3S0H0000	14.6/11.0	90,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1111	42	50
8.5	YSJ102A3S0H0000	14.6/11.0	102,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1127	48	60
10	YSJ120A3S0H0000	14.6/11.0	120,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1137	54	70
12.5	YSJ150A3S0H0000	14.0/10.8	148,000	50 <sup>7</sup> / <sub>8</sub> x 63 <sup>1</sup> / <sub>8</sub> x 99 <sup>5</sup> / <sub>8</sub>	C	1512	64	90
15	YSJ180A3S0H0000	14.0/10.8	182,000	59 x 87 x 123	D	2220	78	100
17.5	YSJ210A3S0H0000	14.0/10.8	210,000	59 x 87 x 123	D	2250	93	110
20	YSJ240A3S0H0000	13.0/9.8	240,000	59 x 87 x 123	D	2320	108	125
25	YSJ300A3S0H0000	13.0/9.8	271,000	59 x 87 x 123	D	2370	119	150
<b>YSJ – 460/3/60 – Three Phase - High Heat</b>								
6	YSJ072A4S0H0000	14.6/11.0	72,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1107	18	20
7.5	YSJ090A4S0H0000	14.6/11.0	90,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1111	21	25
8.5	YSJ102A4S0H0000	14.6/11.0	102,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1127	25	30
10	YSJ120A4S0H0000	14.6/11.0	120,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1137	29	40
12.5	YSJ150A4S0H0000	14.0/10.8	148,000	50 <sup>7</sup> / <sub>8</sub> x 63 <sup>1</sup> / <sub>8</sub> x 99 <sup>5</sup> / <sub>8</sub>	C	1512	33	45
15	YSJ180A4S0H0000	14.0/10.8	182,000	59 x 87 x 123	D	2220	41	50
17.5	YSJ210A4S0H0000	14.0/10.8	210,000	59 x 87 x 123	D	2250	49	60
20	YSJ240A4S0H0000	13.0/9.8	240,000	59 x 87 x 123	D	2320	54	70
25	YSJ300A4S0H0000	13.0/9.8	271,000	59 x 87 x 123	D	2370	59	80
<b>YSJ – 575/3/60 – Three Phase – High Heat</b>								
6	YSJ072AWS0H0000	14.6/11.0	72,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1107	15	15
7.5	YSJ090AWS0H0000	14.6/11.0	90,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1111	17	20
8.5	YSJ102AWS0H0000	14.6/11.0	102,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1127	19	25
10	YSJ120AWS0H0000	14.6/11.0	120,000	50 <sup>7</sup> / <sub>8</sub> x 53 <sup>1</sup> / <sub>4</sub> x 88 <sup>1</sup> / <sub>4</sub>	B	1137	22	30
12.5	YSJ150AWS0H0000	14.0/10.8	148,000	50 <sup>7</sup> / <sub>8</sub> x 63 <sup>1</sup> / <sub>8</sub> x 99 <sup>5</sup> / <sub>8</sub>	C	1512	26	35
15	YSJ180AWS0H0000	14.0/10.8	182,000	59 x 87 x 123	D	2220	32	40
17.5	YSJ210AWS0H0000	14.0/10.8	210,000	59 x 87 x 123	D	2250	37	50
20	YSJ240AWS0H0000	13.0/9.8	240,000	59 x 87 x 123	D	2320	47	60
25	YSJ300AWS0H0000	13.0/9.8	271,000	59 x 87 x 123	D	2370	46	60

\*\* Information subject to change. Please confirm with current product catalog Or IOM for current factory production.



# Precedent™ Packaged Gas/Electric with Symbio™ Convertible 6-25 Tons, R-410A (Model Digit Numbers)

Digit	Description	Order Number	Digit	Description	Order Number
1	<b>Unit Function</b>		16	<b>Hinged Service Access &amp; Filters</b>	
	DX Cooling.....	Y		Standard Panels/Standard Filters.....	0
2	<b>Cooling Efficiency</b>			Hinged Access Panels/Standard Filters.....	A
	Standard Efficiency.....	S		Standard Panels/2" MERV 8 Filters.....	B
	High Efficiency.....	H		Hinged Access Panels/2" MERV 8 Filters.....	C
3	<b>Refrigerant</b>			Standard Panels/2" MERV 13 Filters.....	D
	R-410A.....	J		Hinged Access Panels/2" MERV 13 Filters.....	E
4,5,6	<b>Nominal Gross Cooling Capacity (MBh)</b>		17	<b>Condenser Coil Protection</b>	
	6 Ton.....	072		Standard Coil.....	0
	7.5 Ton.....	090		Condenser with CompleteCoat™.....	1
	8.5 Ton.....	102	18	<b>Through the Base Provisions</b>	
	10 Ton.....	120		No Through-the-Base-Provisions.....	0
	12.5 Ton.....	150		Through-the-Base Electric.....	A
	15 Ton.....	180		<i>Note: Applicable to Digit 1, Y models only.</i>	
	17.5 Ton.....	210		Through-the-Base Gas Piping①.....	B
	20 Ton.....	240		Through-the-Base Electric and Gas Piping②.....	C
	25 Ton.....	300	19	<b>Disconnect/Circuit Breaker (3 phase only)</b>	
7	<b>Design Sequence</b>	*		No Disconnect/Circuit Breaker.....	0
				Unit Mounted/Non-Fused Disconnect.....	1
8	<b>Voltage</b>			Unit Mounted Circuit Breaker.....	2
	208-230/60/3.....	3	20	<b>Convenience Outlet</b>	
	460/60/3.....	4		No Convenience Outlet.....	0
	575/60/3.....	W		Unpowered 20A Convenience Outlet.....	A
9	<b>Unit Controls</b>			Powered 15A Convenience Outlet (3 phase only).....	B
	Symbio 700.....	S	21	<b>Communications Options</b>	
10	<b>Heat Type</b>			No Communications Interface.....	0
	Base Model.....	0		Advanced Controller with BACnet® Communications Interface.....	1
	Stainless Steel Gas Heat.....	A		Advanced Controller with LonTalk® Communications Interface.....	2
	Modulating Gas Heat.....	B		Advanced Controller with Air-Fi® Communications Interface.....	3
11	<b>Heating Capacity①</b>		22	<b>Refrigeration System Option</b>	
	Low Gas Heat.....	L		Standard Refrigeration System.....	0
	Medium Gas Heat.....	M		Dehumidification Option ①②.....	A
	High Gas Heat.....	H	23	<b>Controls Expansion Module</b>	
12-13	<b>Service Sequence</b>			None.....	0
	Factory Supplied.....	*,*		XM-30 Expansion Module.....	1
14	<b>Fresh Air Selection</b>			XM-32 Expansion Module.....	2
	No Fresh Air.....	0		XM-30 and XM-32 Expansion Module.....	3
	Manual Outside Air Damper 0-50%.....	A		XM-30 Expansion Module (Qty 2).....	4
	Motorized Outside Air Damper 0-50%.....	B		XM-32 Expansion Module (Qty 2).....	5
	Economizer, Dry Bulb 0-100% without Barometric Relief②.....	C	24	<b>Smoke Detector</b>	
	Economizer, Dry Bulb 0-100% with Barometric Relief②.....	D		No Smoke Detector.....	0
	Economizer, Reference Enthalpy 0-100% without Barometric Relief②.....	E		Return Air Smoke Detector②.....	A
	Economizer, Reference Enthalpy 0-100% with Barometric Relief②.....	F		Supply Air Smoke Detector①.....	B
	Economizer, Comparative Enthalpy 0-100% without Barometric Relief②.....	G		Supply and Return Air Smoke Detectors ①②.....	C
	Economizer, Comparative Enthalpy 0-100% with Barometric Relief②.....	H	25	<b>System Monitoring Controls</b>	
	Downflow Low Leak Economizer, Dry Bulb with Barometric Relief②.....	K		No Monitoring Control.....	0
	Downflow Low Leak Economizer, Reference Enthalpy with Barometric Relief②.....	M		Clogged Filter Switch②.....	1
	Downflow Low Leak Economizer, Comparative Enthalpy with Barometric Relief②.....	P		Condensate Overflow Switch①.....	2
	Downflow Low Leak Economizer, Differential Dry Bulb with Barometric Relief②.....	R		Discharge Air Sensing Tube.....	3
15	<b>Supply Fan/Drive Type/Motor</b>			Clogged Filter Switch and Condensate Overflow Switch①②.....	4
	Standard Drive.....	0		Clogged Filter Switch and Discharge Air Sensing Tube②.....	5
	Optional Oversized/High Static Motor.....	1		Condensate Overflow Switch and Discharge Air Sensing Tube①.....	6
	Single Zone Variable Air Volume (SZVAV) with Standard Motor.....	2		Clogged Filter Switch, Condensate Overflow Switch and Discharge Air Sensing Tube①②.....	7
	Single Zone Variable Air Volume (SZVAV) with Oversized/High Static Motor.....	3	26	<b>Not Used</b>	
	Multiple Zone Variable Air Volume (MZVAV) with Standard Motor.....	4			
	Multiple Zone Variable Air Volume (MZVAV) with Oversized/High Static Motor.....	5	27	<b>Hardware Enhancements</b>	
				No Enhancements.....	0
				Stainless Steel Drain Pan.....	1
			28	<b>Short Circuit Current Rating</b>	
				Standard (5k) SCCR Marking.....	0
				Tier 2 (=65K) SCCR Marking.....	A
			29	<b>Low Ambient④</b>	
				None.....	0
				Low Ambient Cooling to 0°F.....	A

① Includes Symbio Indoor Module.  
 ② Includes Symbio Fresh Air Module.  
 ③ Includes Symbio Customer Connection Module.  
 ④ Standard Low Ambient Cooling Limit is 40°F.

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# Precedent™ Packaged Gas/Electric with Symbio™ Convertible 6-25 Tons, R-410A Accessories

**Table LPG-16-A – Accessories**

Model Number	Description	Used With Cabinets	Used With
FIABARM002*	Barometric Relief	B/C	YSJ/YHJ072A-150A
FIABARM003*	Barometric Relief	D	YSJ/YHJ180-300A
FIAC02K001*	CO2 (DCV) Wall Mounted Sensor	ALL	YSJ/YHJ072A-300A
FIAC02K002*	CO2 (DCV) Duct Mounted Sensor	ALL	YSJ/YHJ072A-300A
FIACURB402*	14-inch Full Perimeter Knockdown Curb	B	YSJ/YHJ072A-120A
FIACURB403*	14-inch Full Perimeter Knockdown Curb	C	YSJ/YHJ150A
FIACURB404*	14-inch Full Perimeter Knockdown Curb	D	YSJ/YHJ180A-300A
FIACLFS001*①	Clogged Filter Switch	B/C	YSJ/YHJ072A-150A
FIACLFS002*①	Clogged Filter Switch (MERV13)	B/C	YSJ/YHJ072A-150A
FIACLFS003*①	Clogged Filter Switch	D	YSJ/YHJ180A-300A
FIACLFS004*①	Clogged Filter Switch (MERV13)	D	YSJ/YHJ180A-300A
FIADAST003*	Discharge Air Sensing Tube Kit T/W Models	B	YSJ/YHJ072A-120A
FIADAST005*	Discharge Air Sensing Tube Kit T/W Models	C	YSJ/YHJ150A
FIADAST007*	Discharge Air Sensing Tube Kit Y Models (Digit 11 = L)	D	YSJ/YHJ180A-300A
FIADAST008*	Discharge Air Sensing Tube Kit T/W/Y Models (DIGIT 11= 0, M, H)	D	YSJ/YHJ072A-300A
FIADFDB001*①	Differential Dry Bulb Economizer Control	ALL	YSJ/YHJ072A-300A
FIADMPR002*	Manual Damper	B/C	YSJ/YHJ072A-150A
FIADMPR003*	Manual Damper	D	YSJ/YHJ180A-300A
FIADMPR102*	Motorized Damper	B/C	YSJ/YHJ072A-150A
FIADMPR103*	Motorized Damper	D	YSJ/YHJ180A-300A
FIAECON002*①	Dry Bulb Economizer	B/C	YSJ/YHJ072A-150A
FIAECON102*①	Dry Bulb Downflow Low Leak	B/C	YSJ/YHJ072A-150A
FIAECON003*①	Dry Bulb Downflow Economizer	D	YSJ/YHJ180A-300A
FIAECON303*①	Dry Bulb Horizontal Economizer	D	YSJ/YHJ180A-300A
FIAECON103*①	Dry Bulb Downflow Low Leak	D	YSJ/YHJ180A-300A
FIAECON203*①	Dry Bulb Horizontal Low Leak	D	YSJ/YHJ180A-300A
FIAENTH001*	Reference Enthalpy Economizer Control	ALL	YSJ/YHJ072A-300A
FIAENTH002*	Comparative Enthalpy Economizer Control	ALL	YSJ/YHJ072A-300A
FIAHTST001*	High Temperature (Fire) Duct Mounted Stat	ALL	YSJ/YHJ072A-300A
FIAHZDC001*	Horizontal Conversion Panel	D	YSJ/YHJ180A-300A
FIALOAM001*	Low Ambient	ALL	YSJ/YHJ072A-300A
FIALTCI001*	LonTalk Communication Interface	ALL	YSJ/YHJ072A-300A
FIAOPTN001*	Indoor Options Module	ALL	YSJ/YHJ072A-300A
FIAOPTN002*	Fresh Air Options Module	ALL	YSJ/YHJ072A-300A
FIAOVFL001*②	Condensate Overflow Switch	ALL	YSJ/YHJ072A-300A
FIAPWRX302*	Power Exhaust 230V	B/C	YSJ/YHJ072A3-150A3
FIAPWRX402*	Power Exhaust 460V	B/C	YSJ/YHJ072A4-150A4
FIAPWRXW02*	Power Exhaust 575V	B/C	YSJ/YHJ072AW-150AW
FIAHALT002*	High Altitude Gas Adjustment Kit	B/C	YSJ/YHJ072-150
FIAHALT003*	High Altitude Gas Adjustment Kit	D	YSJ/YHJ180-300
FIALPKT002*	LP Gas Conversion Kit	B/C	YSJ/YHJ072-150
FIALPKT003*	LP Gas Conversion Kit	D	YSJ/YHJ180-300
FIAPWRX303*	Power Exhaust 230V	D	YSJ/YHJ180A3-300A3
FIAPWRX403*	Power Exhaust 460V	D	YSJ/YHJ180A4-300A4
FIAPWRXW03*	Power Exhaust 575V	D	YSJ/YHJ180AW-300AW
FIAQACB026*	Adapter Curb, Existing BAYCURB026 to New C Cabinet (FIACURB403A)	C	YSJ/YHJ150A
FIAQACB027*	Adapter Curb, Existing BAYCURB027 to New C Cabinet (BAYCURB403A)	C	YSJ/YHJ150A
FIAQACB044*	Adapter Curb, Existing BAYCURB044 to New B Cabinet (BAYCURB402A)	B	YSJ/YHJ072A-120A
FIASCCM001*③④	Symbio Customer Connection Module	ALL	YSJ/YHJ072A-300A
FIAXMOD030*④⑤	Symbio 700 XM30 Expansion Module	ALL	YSJ/YHJ072A-300A
FIAXMOD032*④⑤	Symbio 700 XM32 Expansion Module	ALL	YSJ/YHJ072A-300A

- ① Requires Symbio™ Indoor Options Module.
- ② Requires Symbio™ Fresh Air Options Module.
- ③ Provides Ventilation Override, External Auto/Stop, Alarm Indicator, Remote Min Position.
- ④ Requires Symbio™ Advanced Controller (digit 21=1 or 3).
- ⑤ Requires Tracer TU and Utilizes TGP2 Software (programming knowledge required).

\* Parts designator subject to change

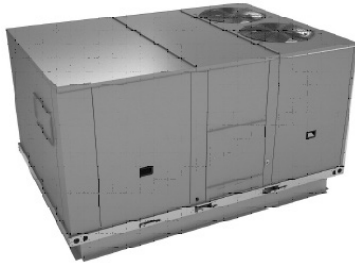
For complete equipment / combination selections, installation instructions and warranty information, please refer to Product Data/Ratings and/or Installers Guides and Limited Warranty Handbooks.

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HEATING & AIR CONDITIONING

# Foundation™ Packaged Gas/Electric 3-5 Tons, R-410A

Light Commercial  
Packaged Gas/Electric



- Scroll compressors on all units
- Operating Charge of R-410A
- Low ambient operation of 40°F as standard
- Color coded and numbered wiring
- Single side service access
- Provisions for through the base connections
- Phase monitor on all units
- Convertible airflow on all units
- Non-corrosive drain pan
- Separate high and low voltage areas in control box
- 5-year limited compressor and heat exchanger warranty

**Table LPG-17-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 Roofcurb <sup>①</sup>
<b>GBC - Three Phase Low Heat</b>										
3	GBC036A3ELB0000	208-230/3/60	14.0	36,000	57,600	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	574	19.5	25	BAYCURB320
4	GBC048A3ELB0000	208-230/3/60	14.0	48,000	57,600	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	616	23.6	35	BAYCURB320
5	GBC060A3ELB0000	208-230/3/60	14.0	57,500	57,600	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	636	26.4	40	BAYCURB320
<hr/>										
3	GBC036A4ELB0000	460/3/60	14.0	36,000	57,600	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	574	10.5	15	BAYCURB320
4	GBC048A4ELB0000	460/3/60	14.0	48,000	57,600	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	616	11	15	BAYCURB320
5	GBC060A4ELB0000	460/3/60	14.0	57,500	57,600	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	636	12.9	20	BAYCURB320
<hr/>										
3	GBC036AWELB0000	575/3/60	14.0	36,000	57,600	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	574	6.8	15	BAYCURB320
4	GBC048AWELB0000	575/3/60	14.0	48,000	57,600	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	616	8.1	15	BAYCURB320
5	GBC060AWELB0000	575/3/60	14.0	57,500	57,600	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	636	9.2	15	BAYCURB320
<hr/>										
<b>GBC - Three Phase Medium Heat</b>										
3	GBC036A3EMB0000	208-230/3/60	14.0	36,000	80,000	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	574	19.5	25	BAYCURB320
4	GBC048A3EMB0000	208-230/3/60	14.0	48,000	92,000	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	616	23.6	35	BAYCURB320
5	GBC060A3EMB0000	208-230/3/60	14.0	57,500	92,000	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	636	26.4	40	BAYCURB320
<hr/>										
3	GBC036A4EMB0000	460/3/60	14.0	36,000	80,000	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	574	10.5	15	BAYCURB320
4	GBC048A4EMB0000	460/3/60	14.0	48,000	92,000	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	616	11	15	BAYCURB320
5	GBC060A4EMB0000	460/3/60	14.0	57,500	92,000	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	636	12.9	20	BAYCURB320
<hr/>										
3	GBC036AWEMB0000	575/3/60	14.0	36,000	80,000	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	574	6.8	15	BAYCURB320
4	GBC048AWEMB0000	575/3/60	14.0	48,000	92,000	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	616	8.1	15	BAYCURB320
5	GBC060AWEMB0000	575/3/60	14.0	57,500	92,000	42 <sup>5</sup> / <sub>8</sub> x 48 x 76 <sup>7</sup> / <sub>8</sub>	636	9.2	15	BAYCURB320

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.

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HEATING & AIR CONDITIONING

# Foundation™ Packaged Gas/Electric 3-5 Tons, R-410A (Model Digit Numbers)

Digit	Description	Order Number	Digit	Description	Order Number
1	Unit Function		15	Supply Fan/Drive Type/Motor	
	Packaged Gas Electric .....	G		Multi-Speed Standard Motor.....	7
2	Efficiency			Multi-Speed Oversized Motor .....	9
	Generation B.....	B	16	Access	
	Generation C - DOE.....	C		Standard Fork Access .....	0
3	Airflow Configuration			Third Side Condenser Fork Access (15-25 Tons) .....	F
	Convertible.....	C	17	Condenser Coil Protection	
4,5,6	Nominal Gross Cooling Capacity (MBh)			Standard Coil .....	0
	3 Ton.....	.036		Condenser with CompleteCoat™ .....	4
	4 Ton.....	.048	18	Through the Base Provisions	
	5 Ton.....	.060		No Through-the Base-Provisions	0
	15 Ton.....	.180		Through-the-Base Electric	A
	17.5 Ton.....	.210		Through the Base Gas <sup>①</sup>	B
	20 Ton.....	.240		Through the Base Electric/Gas	C
	25 Ton.....	.300	19	Disconnect/Circuit Breake (3 phase only)	
7	Design Sequence	*		No Disconnect/Circuit Breaker .....	0
				Unit Mounted/Non-Fused Disconnect <sup>②</sup> .....	1
8	Voltage		20-24	Not Used	
	208-230/60/3 .....	3		No Convenience Outlet .....	.0000
	460/60/3 .....	4	25	System Monitoring Controls	
	575/60/3 .....	W		No Monitoring Controls .....	0
9	Unit Controls			Condensate Drain Pan Overflow Switch.....	A
	Electromechanical .....	E	26	System Monitoring Controls 2	
10	Heating Capacity			Economizer Fault Detection and Diagnostics (FDD) <sup>⑤</sup> .....	B
	Gas Heat -Low .....	L			
	Gas Heat - Medium.....	M			
	Gas Heat - High .....	H			
	Gas Heat - SS Ht Ex - Low .....	X			
	Gas Heat - SS Ht Ex - Medium.....	Y			
	Gas Heat - SS Ht Ex - High .....	Z			
11	Design Sequence	*			
12-13	Service Sequence	*,*			
14	Fresh Air Selection				
	No Fresh Air .....	0			
	Manual Outside Air Damper 0-25% .....	A			
	Motorized Outside Air Damper 0-50%.....	B			
	Economizer, Dry Bulb 0-100% without Barometric Relief.....	C			
	Economizer, Dry Bulb 0-100% with Barometric Relief <sup>③</sup> .....	D			
	Economizer, Reference Enthalpy 0-100% without Barometric Relief.....	E			
	Economizer, Reference Enthalpy 0-100% with Barometric Relief <sup>③</sup> .....	F			
	Economizer, Comparative Enthalpy 0-100% without Barometric Relief.....	G			
	"Economizer, Comparative Enthalpy 0-100% with Barometric Relief <sup>③</sup> .....	H			
	Downflow Low Leak Economizer, Dry Bulb without Barometric Relief.....	J			
	Downflow Low Leak Economizer, Reference Enthalpy without Barometric Relief.....	L			
	Downflow Low Leak Economizer, Comparative Enthalpy without Barometric Relief.....	N			

- ① Some field set up required
- ② Must be ordered through the base electrical option
- ③ All factory installed Options are Built-to-Order. Check order services for estimated production cycle
- ④ Factory installed economizers only available in downflow configuration
- ⑤ Fault Detection and Diagnostics (FDD) is available on Low Leak Economizers only

# Foundation™ Packaged Gas/Electric 3-5 Ton Accessories

**Table LPG-19-A — Foundation™ - Field-Installed Accessories (FOR 3 - 5 TON FOUNDATION PACKAGED GAS UNITS - GBC - ONLY)**

Model Number	Description	Used With
BAYCURB320A	Roof curb	All
BAYGARD320A	Tool-less Hail Guard	All
BAYHAKT320A	High Altitude Kit	All
BAYLPKT320A	LP Kit	All
BAYTBGF320A	Through the base - Gas	All
BAYTBUE320A	Through the base - Elec.	All
BAYDSCF322A	Unit Mounted Disconnect- cooling only, 100 Amp	All
BAYCO2K300A	Wall Mounted CO2 Sensor	All
BAYCO2K301A	Duct Mounted CO2 Sensor	All
BAYCOSW320A	Condensate Overflow Switch	All
BAYCCHT010B	Crankcase Heater – 208-230V (40 W) 6.5"	GBC048-060
BAYCCHT011B	Crankcase Heater - 460V/575V (40W) 6.5"	GBC048-060
BAYCCHT103A	Crankcase Heater – 208-230V (40 W) 5.5"	GBC036
BAYCCHT405A	Crankcase Heater - 460V/575V (40W) 5.5"	GBC036
BAYLOAM330A	Evaporator Defrost Control Kit	All
BAYLOAM340A	Low Ambient Kit	All
BAYASCT001	Compressor Short Cycle Timer	All
BAYHSMT320A	2 HP Oversize motor Kit (208-230/460V)	All
BAYHSMT322A	2 HP Oversize motor Kit (575V)	All
BAYDMPR321A	Manual Damper	All
BAYDMPR320A	Motorized Damper	All
BAYBARO320A	Barometric Relief Damper	All
BAYECON320A	Economizer, Dry Bulb, Downflow	All
BAYENTH320A	Reference Enthalpy Economizer Kit	All
BAYENTH321A	Comparative Enthalpy Economizer Kit	All
BAYECON353A <sup>①</sup>	Low Leak Economizer, Dry Bulb, Downflow W/FDD	All
BAYECON354A <sup>①</sup>	Low Leak Economizer, Dry Bulb, Horizontal W/FDD	All
BAYENTH323A <sup>①</sup>	Comparative Enthalpy Economizer Kit	All w/ Low Leak Economizer & FDD
BAYENTH322A <sup>①</sup>	Reference Enthalpy Economizer Kit	All w/ Low Leak Economizer & FDD
BAYBARO321A <sup>①</sup>	Barometric Relief Damper	All w/ Low Leak Economizer & FDD
BAYPWRX320A <sup>②</sup>	Power Exhasust DF, 208-230V	All
BAYPWRX321A <sup>②</sup>	Power Exhaust DF, 460V	All
BAYPWRX322A <sup>②</sup>	Power Exhasut DF, 575V	All

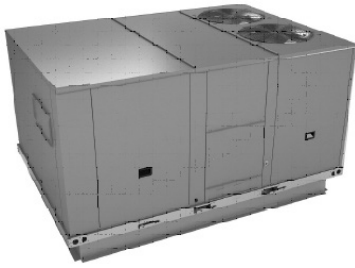
① FDD = Fault Detection & Diagnosis

② Please check availability

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**American Standard**<sup>®</sup>  
HEATING & AIR CONDITIONING

# Medium Foundation™ Packaged Gas 7.5-12.5 Tons, R-410A



- Scroll compressors on all units
- Operating charge of R-410A
- Low ambient operation to 40°F as standard
- Color coded and numbered wiring
- Single side service access
- Molded handles on service access doors
- Separated high and low voltage compartments
- Liquid Line Refrigerant Drier
- Provisions for through the base connections
- Phase monitor on all units
- Convertible airflow
- Two inch throwaway filters as standard
- Non-corrosive & removable drain pan
- 5-year limited compressor warranty (7.5 - 12.5 tons)

**Table LPG-20-A – Foundation™ – R-410A – Electromechanical Controls - 2-Speed Fan - Low Heat**

Tons	Unit Model No.	Power Supply Volts/Phase/Hz	Performance (IEER)	Cooling Capacity (Btuh)	Heating Performance	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	MCA	Max Fuse Size or Max Circuit Breaker <sup>Ⓢ</sup>	Downflow Roofcurb
7½	GCC090A3ELA3YXA	208-230/3/60				44 x 58¾ x 88¼	1080	37	50	BAYCURB310
8½	GCC102A3ELA3YXA	208-230/3/60				49⅞ x 58¾ x 88¼	1190	40	50	BAYCURB310
10	GCC120A3ELA3YXA	208-230/3/60				49⅞ x 58¾ x 88¼	1232	54	70	BAYCURB310
12½	GCC150A3ELA3YXA	208-230/3/60				49⅞ x 58¾ x 88¼	1334	62	80	BAYCURB310
7½	GCC090A4ELA3YXA	460/3/60				44 x 58¾ x 88¼	1080	22	25	BAYCURB310
8½	GCC102A4ELA3YXA	460/3/60				49⅞ x 58¾ x 88¼	1190	23	30	BAYCURB310
10	GCC120A4ELA3YXA	460/3/60				49⅞ x 58¾ x 88¼	1232	27	35	BAYCURB310
12½	GCC150A4ELA3YXA	460/3/60				49⅞ x 58¾ x 88¼	1334	31	40	BAYCURB310

**Table LPG-20-B – Foundation™ – R-410A – Electromechanical Controls - 2-Speed Fan = Medium Heat**

Tons	Unit Model No.	Power Supply Volts/Phase/Hz	Performance (IEER)	Cooling Capacity (Btuh)	Heating Performance	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	MCA	Max Fuse Size or Max Circuit Breaker <sup>Ⓢ</sup>	Downflow Roofcurb
7½	GCC090A3EMA3YXA	208-230/3/60				44 x 58¾ x 88¼	1080	37	50	BAYCURB310
8½	GCC102A3EMA3YXA	208-230/3/60				49⅞ x 58¾ x 88¼	1190	40	50	BAYCURB310
10	GCC120A3EMA3YXA	208-230/3/60				49⅞ x 58¾ x 88¼	1232	54	70	BAYCURB310
12½	GCC150A3EMA3YXA	208-230/3/60				49⅞ x 58¾ x 88¼	1334	62	80	BAYCURB310
7½	GCC090A4EMA3YXA	460/3/60				44 x 58¾ x 88¼	1080	22	25	BAYCURB310
8½	GCC102A4EMA3YXA	460/3/60				49⅞ x 58¾ x 88¼	1190	23	30	BAYCURB310
10	GCC120A4EMA3YXA	460/3/60				49⅞ x 58¾ x 88¼	1232	27	35	BAYCURB310
12½	GCC150A4EMA3YXA	460/3/60				49⅞ x 58¾ x 88¼	1334	31	40	BAYCURB310

**Table LPG-20-C – Foundation™ – R-410A – Electromechanical Controls - 2-Speed Fan - High Heat**

Tons	Unit Model No.	Power Supply Volts/Phase/Hz	Performance (IEER)	Cooling Capacity (Btuh)	Heating Performance	Dimensions (in.) H x W x L	Shipping Weight (lbs.)	MCA	Max Fuse Size or Max Circuit Breaker <sup>Ⓢ</sup>	Downflow Roofcurb
7½	GCC090A4EMA3YXA	460/3/60				44 x 58¾ x 88¼	1080	22	25	BAYCURB310
8½	GCC102A4EMA3YXA	460/3/60				49⅞ x 58¾ x 88¼	1190	23	30	BAYCURB310
10	GCC120A4EMA3YXA	460/3/60				49⅞ x 58¾ x 88¼	1232	27	35	BAYCURB310
12½	GCC150A4EMA3YXA	460/3/60				49⅞ x 58¾ x 88¼	1334	31	40	BAYCURB310
7½	GCC090A4EHA3YXA	460/3/60				44 x 58¾ x 88¼	1080	22	25	BAYCURB310
8½	GCC102A4EHA3YXA	460/3/60				49⅞ x 58¾ x 88¼	1190	23	30	BAYCURB310
10	GCC120A4EHA3YXA	460/3/60				49⅞ x 58¾ x 88¼	1232	27	35	BAYCURB310
12½	GCC150A4EHA3YXA	460/3/60				49⅞ x 58¾ x 88¼	1334	31	40	BAYCURB310

Ⓢ HACR Circuit Breaker Type Per NEC.

3YXA medium Foundation models include multi-speed motor .

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.

# Medium Foundation™ Packaged Gas 7.5-12.5 Tons, R-410A (Model Digit Numbers)

Digit	Description	Order Number	Digit	Description	Order Number
1	<b>Unit Function</b>		11	<b>Minor Design Sequence</b>	
	Packaged Gas Electric .....	G			*
2	<b>Efficiency</b>		12-13	<b>Service Sequence</b>	
	Generation C - DOE .....	C			*,*
3	<b>Airflow Configuration</b>		14	<b>Fresh Air Selection</b> ③④	
	Convertible .....	C		No Fresh Air .....	0
4,5,6	<b>Nominal Gross Cooling Capacity (MBh)</b>		15	<b>Supply Fan/Drive Type/Motor</b>	
	7.5 Ton .....	090		Multi-Speed Standard Motor .....	7
	8.5 Ton .....	102		Multi-Speed Oversized Motor .....	9
	10 Ton .....	120	16	<b>Unit Type</b>	
	12.5 Ton .....	150		Medium Foundation .....	M
7	<b>Design Sequence</b>		17	<b>Condenser Coil Protection</b>	
		*		Standard Coil .....	0
8	<b>Voltage</b>		18	<b>Through the Base Provisions</b>	
	208-230/60/3 .....	3		No Through-the Base-Provisions .....	0
	460/60/3 .....	4	19	<b>Disconnect/Circuit Breake (3 phase only)</b>	
9	<b>Unit Controls</b>			No Disconnect/Circuit Breaker .....	0
	Electromechanical .....	E	20-24	<b>Not Used</b>	
10	<b>Heating Capacity</b>			No Convenience Outlet .....	0000
	Gas Heat -Low .....	L	25	<b>System Monitoring Controls1</b>	
	Gas Heat - Medium .....	M		No Monitoring Controls .....	0
	Gas Heat - SS Ht Ex - Low .....	X	26	<b>System Monitoring Controls 2</b>	
	Gas Heat - SS Ht Ex - Medium .....	Y		Economizer Fault Detection and Diagnostics (FDD)⑤ .....	B
	Gas Heat - SS Ht Ex - High .....	Z			

- ① Some field set up required
- ② Must be ordered through the base electrical option
- ③ All factory installed Options are Built-to-Order. Check order services for estimated production cycle
- ④ Factory installed economizers only available in downflow configuration
- ⑤ Fault Detection and Diagnostics (FDD) is available on Low Leak Economizers only

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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
BAYTBUE310.....	Through the Base Electrical Connections.....	AC Only Foundation 7.512.5 Ton Units
BAYDSCF300 .....	Unit Mounted Disconnect, 100 Amp ..... Not for use when electric heat installed	GCC090* - GCC150
BBAYDSCF302.....	Unit Mounted Disconnect, 100 Amp .....	BAYHTFA31BA, BAYHTFA41BA, BAYHTFAW1BA, BAYHTFA436A, BAYHTFA454A, BAYHTFBW36A, BAYHTFAW54A, BAYHTFBW54A, BAYHTFB454A
BAYDSCF303 .....	Unit Mounted Disconnect, 150 Amp .....	BAYHTFA472A, BAYHTF4372A, BAYHTFA336A, BAYHTFB336A,
BAYDSCF304 .....	Unit Mounted Disconnect, 250 Amp .....	BAYHTFA372A, BAYHTFB372A, BAYHTFA354A, BAYHTFAW36A
BAYDMPR311 .....	Damper, Manual.....	GCC090A* - GCC150A*
BAYDMPR310.....	Damper, Motorized .....	GCC090A* - GCC150A*
BAYECON310 .....	Economizer, Dry Bulb, Downflow .....	GCC090A* - GCC150A*
BAYECON311 .....	Economizer, Dry Bulb, Horizontal .....	GCC090A* - GCC150A*
BAYECON355 <sup>Ⓞ</sup> .....	Low Leak Economizer w/FDD, Dry Bulb, Downflow .....	GCC090A* - GCC150A*
BAYECON356.....	Low Leak Economizer w/FDD, Dry Bulb, Horizontal .....	GCC090A* - GCC150A*
BAYBARO310 .....	Barometric Relief Damper, 7.512.5 T.....	GCC090A* - GCC150A*
BAYENTH310.....	Reference Enthalpy Economizer Kit .....	GCC090A* - GCC150A*
BAYENTH311 .....	Comparative Enthalpy Economizer Kit.....	GCC090A* - GCC150A*
BAYENTH312 <sup>Ⓞ</sup> .....	Reference Enthalpy Economizer Kit .....	GCC090A* - GCC150A* w/Low Leak Economizer & FDD
BAYENTH313 <sup>Ⓞ</sup> .....	Comparative Enthalpy Economizer Kit .....	GCC090A* - GCC150A* w/Low Leak Economizer & FDD
BAYCURB310 .....	Roof Curb .....	GCC090A* - GCC150A*
BAYGARD310 .....	Condenser Hail Guard.....	GCC090A
BAYGARD311 .....	Condenser Hail Guard.....	GCC102A* - GCC150A*
BAYCCHT300 .....	Crankcase Heater, 70W, 230V.....	GCC1B0A3* - GCC300A3*
BAYCCHT301 .....	Crankcase Heater, 70W, 460V .....	GCC1B0A4* - GCC300A4*
BAYCCHT302 .....	Crankcase Heater, 70W, 575V.....	GCC1B0AW* - GCC300AW*
BAYASCT001 .....	Compressor Short Cycle Timer.....	GCC090A* - GCC150A*
BAYLOAM300.....	Low Ambient Control.....	GCC1B0A* - GCC300A*
BAYLOAM310 .....	Evaporator Defrost Control.....	GCC1B0A* - GCC300A*
BAYPWRX310 <sup>Ⓞ</sup> .....	Power Exhaust, 15-25T, DF, 230V.....	GCC090A3* - GCC150A3*
BAYPWRX311 <sup>Ⓞ</sup> .....	Power Exhaust, 15-25T, DF, 460V.....	GCC090A4* - GCC150A4*
BAYPWRX312 <sup>Ⓞ</sup> .....	Power Exhaust, 15-25T, DF, 575V.....	GCC090AW* - GCC150AW*
BAYCO2K300 .....	Wall Mounted CO2 Sensor.....	GCC090A* - GCC150A* with economizer
BAYCO2K301 .....	Duct Mounted CO2 Sensor.....	GCC090A* - GCC150A* with economizer
BAYCOSW310 .....	Drain Pan Overflow Switch .....	GCC090A* - GCC150A*
BAYSTAT300.....	BACNet Enabled Thermostat .....	GCC1B0A* - GCC300A*

Ⓞ Please check availability.

Ⓞ See HVAC Knowledge Center for a list of compatible Carrier units.

Ⓞ FDD = Fault Detection & Diagnostics.

Information subject to change. Please confirm with current Product Data for current factory production.

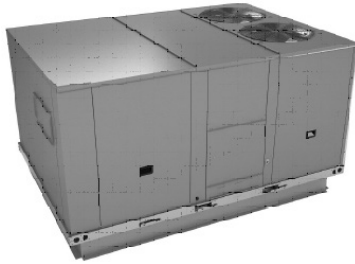


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**American Standard**  
HEATING & AIR CONDITIONING

# Foundation™ Packaged Gas/Electric 15-25 Tons, R-410A

Light Commercial  
Packaged Gas/Electric



- Scroll compressors on all units
- Operating charge of R-410A
- Low ambient operation to 40°F as standard
- Color coded and numbered wiring
- Single side service access
- Molded handles on service access doors
- Liquid Line Refrigerant Drier
- Provisions for through the base connections
- Phase monitor on all units
- Convertible airflow with field installed kit on most models
- Two inch throwaway filters as standard
- Non-corrosive & removable drain pan
- Separated high and low voltage compartments
- 5-year limited compressor and heat exchanger warranty (15-25 tons)

**Table LPG-23-A – Foundation™ - R-410A - Electromechanical Controls - 2-Speed Indoor Fans**

Tons	Unit Model No	Power Supply Volts/Phase/Hz	Performance EER/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
<b>GCC - Three Phase Low Heat</b>										
15	GCC180A3ELA1DQY	208-230/3/60	11.0/14.2	194000	194400	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2310	75	100	BAYCURB027
17½	GCC210A3ELA1DQY	208-230/3/60	11.0/14.2	214000	194400	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2319	86	110	BAYCURB027
20	GCC240A3ELA1DQY	208-230/3/60	10.0/13.2	252000	194400	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2344	97	125	BAYCURB027
25	GCC300A3ELA1DQY	208-230/3/60	9.80/13.2	280000	194400	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2370	126	175	BAYCURB027
15	GCC180A4ELA1DQY	460/3/60	11.0/14.2	194000	194400	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2310	35	45	BAYCURB027
17½	GCC210A4ELA1DQY	460/3/60	11.0/14.2	214000	194400	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2319	42	50	BAYCURB027
20	GCC240A4ELA1DQY	460/3/60	10.0/13.2	252000	194400	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2344	46	60	BAYCURB027
25	GCC300A4ELA1DQY	460/3/60	9.80/13.2	280000	194400	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2370	53	70	BAYCURB027
15	GCC180AWELA1DQY	575/3/60	11.0/14.2	194000	194400	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2310	28	35	BAYCURB027
17½	GCC210AWELA1DQY	575/3/60	11.0/14.2	214000	194400	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2319	34	45	BAYCURB027
20	GCC240AWELA1DQY	575/3/60	10.0/13.2	252000	194400	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2344	38	50	BAYCURB027
25	GCC300AWELA1DQY	575/3/60	9.80/13.2	280000	194400	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2370	44	50	BAYCURB027
<b>GCC - Three Phase Medium Heat</b>										
15	GCC180A3EMA1DQY	208-230/3/60	11.0/14.2	194000	259200	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2310	75	100	BAYCURB027
17½	GCC210A3EMA1DQY	208-230/3/60	11.0/14.2	214000	259200	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2319	86	110	BAYCURB027
20	GCC240A3EMA1DQY	208-230/3/60	10.0/13.2	252000	259200	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2344	97	125	BAYCURB027
25	GCC300A3EMA1DQY	208-230/3/60	9.80/13.2	280000	259200	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2370	126	175	BAYCURB027
15	GCC180A4EMA1DQY	460/3/60	11.0/14.2	194000	259200	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2310	35	45	BAYCURB027
17½	GCC210A4EMA1DQY	460/3/60	11.0/14.2	214000	259200	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2319	42	50	BAYCURB027
20	GCC240A4EMA1DQY	460/3/60	10.0/13.2	252000	259200	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2344	46	60	BAYCURB027
25	GCC300A4EMA1DQY	460/3/60	9.80/13.2	280000	259200	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2370	53	70	BAYCURB027
15	GCC180AWEMA1DQY	575/3/60	11.0/14.2	194000	259200	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2310	28	35	BAYCURB027
17½	GCC210AWEMA1DQY	575/3/60	11.0/14.2	214000	259200	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2319	34	45	BAYCURB027
20	GCC240AWEMA1DQY	575/3/60	10.0/13.2	252000	259200	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2344	38	50	BAYCURB027
25	GCC300AWEMA1DQY	575/3/60	9.80/13.2	280000	259200	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2370	44	50	BAYCURB027
<b>GCC - Three Phase High Heat①</b>										
15	GCC180A3EHA1DQY	208-230/3/60	11.0/14.2	194000	283500	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2310	75	100	BAYCURB027
17½	GCC210A3EHA1DQY	208-230/3/60	11.0/14.2	214000	307800/283500	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2319	86	110	BAYCURB027
20	GCC240A3EHA1DQY	208-230/3/60	10.0/13.2	252000	307800	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2344	97	125	BAYCURB027
25	GCC300A3EHA1DQY	208-230/3/60	9.80/13.2	280000	307800	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2370	126	175	BAYCURB027
15	GCC180A4EHA1DQY	460/3/60	11.0/14.2	194000	283500	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2310	35	45	BAYCURB027
17½	GCC210A4EHA1DQY	460/3/60	11.0/14.2	214000	307800/283500	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2319	42	50	BAYCURB027
20	GCC240A4EHA1DQY	460/3/60	10.0/13.2	252000	307800	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2344	46	60	BAYCURB027
25	GCC300A4EHA1DQY	460/3/60	9.80/13.2	280000	307800	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2370	53	70	BAYCURB027
15	GCC180AWEHA1DQY	575/3/60	11.0/14.2	194000	283500	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2310	28	35	BAYCURB027
17½	GCC210AWEHA1DQY	575/3/60	11.0/14.2	214000	307800/283500	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2319	34	45	BAYCURB027
20	GCC240AWEHA1DQY	575/3/60	10.0/13.2	252000	307800	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2344	38	50	BAYCURB027
25	GCC300AWEHA1DQY	575/3/60	9.80/13.2	280000	307800	58 <sup>5</sup> / <sub>8</sub> x 86 <sup>5</sup> / <sub>16</sub> x 123 <sup>1</sup> / <sub>8</sub>	2370	44	50	BAYCURB027

① HACR Circuit Breaker Type Per NEC.

1DQY models include a multi-speed motor.

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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**American Standard<sup>®</sup>**

HEATING & AIR CONDITIONING

# Foundation™ Packaged Gas/Electric 15-25 Tons, R-410A (Model Digit Numbers)

Digit	Description	Order Number	Digit	Description	Order Number
1	Unit Function		15	Supply Fan/Drive Type/Motor	
	Packaged Gas Electric .....	G		Multi-Speed Standard Motor.....	7
2	Efficiency			Multi-Speed Oversized Motor .....	9
	Generation B.....	B	16	Access	
	Generation C - DOE.....	C		Standard Fork Access .....	0
3	Airflow Configuration			Third Side Condenser Fork Access (15-25 Tons) .....	F
	Convertible.....	C	17	Condenser Coil Protection	
4,5,6	Nominal Gross Cooling Capacity (MBh)			Standard Coil .....	0
	3 Ton.....	.036		Condenser with CompleteCoat™ .....	4
	4 Ton.....	.048	18	Through the Base Provisions	
	5 Ton.....	.060		No Through-the-Base-Provisions	0
	15 Ton.....	.180		Through-the-Base Electric	A
	17.5 Ton.....	.210		Through the Base Gas <sup>①</sup>	B
	20 Ton.....	.240		Through the Base Electric/Gas	C
	25 Ton.....	.300	19	Disconnect/Circuit Breake (3 phase only)	
7	Design Sequence	*		No Disconnect/Circuit Breaker .....	0
				Unit Mounted/Non-Fused Disconnect <sup>②</sup> .....	1
8	Voltage		20-24	Not Used	
	208-230/60/3 .....	3		No Convenience Outlet .....	.0000
	460/60/3 .....	4	25	System Monitoring Controls	
	575/60/3 .....	W		No Monitoring Controls .....	0
9	Unit Controls			Condensate Drain Pan Overflow Switch.....	A
	Electromechanical .....	E	26	System Monitoring Controls 2	
10	Heating Capacity			Economizer Fault Detection and Diagnostics (FDD) <sup>⑤</sup> .....	B
	Gas Heat -Low .....	L			
	Gas Heat - Medium.....	M			
	Gas Heat - High .....	H			
	Gas Heat - SS Ht Ex - Low .....	X			
	Gas Heat - SS Ht Ex - Medium.....	Y			
	Gas Heat - SS Ht Ex - High .....	Z			
11	Design Sequence	*			
12-13	Service Sequence	*,*			
14	Fresh Air Selection				
	No Fresh Air .....	0			
	Manual Outside Air Damper 0-25% .....	A			
	Motorized Outside Air Damper 0-50%.....	B			
	Economizer, Dry Bulb 0-100% without Barometric Relief.....	C			
	Economizer, Dry Bulb 0-100% with Barometric Relief <sup>③</sup> .....	D			
	Economizer, Reference Enthalpy 0-100% without Barometric Relief.....	E			
	Economizer, Reference Enthalpy 0-100% with Barometric Relief <sup>③</sup> .....	F			
	Economizer, Comparative Enthalpy 0-100% without Barometric Relief.....	G			
	"Economizer, Comparative Enthalpy 0-100% with Barometric Relief <sup>③</sup> .....	H			
	Downflow Low Leak Economizer, Dry Bulb without Barometric Relief.....	J			
	Downflow Low Leak Economizer, Reference Enthalpy without Barometric Relief.....	L			
	Downflow Low Leak Economizer, Comparative Enthalpy without Barometric Relief.....	N			

- ① Some field set up required
- ② Must be ordered through the base electrical option
- ③ All factory installed Options are Built-to-Order. Check order services for estimated production cycle
- ④ Factory installed economizers only available in downflow configuration
- ⑤ Fault Detection and Diagnostics (FDD) is available on Low Leak Economizers only

# Foundation™ Packaged Gas/Electric 15-25 Tons Accessories

**Table LPG-25-A — Foundation™ - R-410A— Field-Installed Accessories (FOR 15 - 25 TON FOUNDATION PACKAGED GAS UNITS - GBC - ONLY)**

Model Number	Description	Used With
BAYTBUE300A	Through the Base Electrical Connections	All Foundation 15-25 Ton Units
BAYDSCF300B	Unit Mounted Disconnect (460V & 575V)	GCC*180A4* - GCC*300A4*, GCC*180AW* - GCC*300AW*
BAYDSCF301B	Unit Mounted Disconnect (208-230V)	GCC*180A3* - GCC*300A3*
BAYTBGF300A	Through the Base Gas Connection, 400 MBH	GCC*180A* - GCC*300A*
BAYLPKT300A	Propane Conversion Kit	GCC*180A* - GCC*300A*
BAYHAKT300A	High Altitude Conversion Kit	GCC*180A* - GCC*300A*
BAYDMPR301A	Damper, Manual	GCC*180A* - GCC*300A*
BAYDMPR300A	Damper, Motorized	GCC*180A* - GCC*300A*
BAYECON300A	Economizer, Dry Bulb, Downflow	GCC*180A* - GCC*300A*
BAYECON301A	Economizer, Dry Bulb, Horizontal	GCC*180A* - GCC*300A*
BAYECON350B <sup>③</sup>	Low Leak Economizer w/FDD, Dry Bulb, Downflow	GCC*180A* - GCC*300A*
BAYECON351B	Low Leak Economizer w/FDD, Dry Bulb, Horizontal	GCC*180A* - GCC*300A*
BAYHZCN300A	Horizontal Economizer Conversion Kit	GCC*180A* - GCC*300A*
BAYBARO300A	Barometric Relief Damper, 15-25T	GCC*180A* - GCC*300A*
BAYENTH300A	Reference Enthalpy Economizer Kit	GCC*180A* - GCC*300A*
BAYENTH301A	Comparative Enthalpy Economizer Kit	GCC*180A* - GCC*300A*
BAYENTH302A <sup>②</sup>	Reference Enthalpy Economizer Kit	GCC*180A* - GCC*300A* w/Low Leak Economizer & FDD
BAYENTH303A <sup>②</sup>	Comparative Enthalpy Economizer Kit	GCC*180A* - GCC*300A* w/Low Leak Economizer & FDD
BAYCURB027B	Roof Curb	GCC*180A* - GCC*300A*
BAYHZRT001A	Horizontal Duct Conversion Kit	GCC*180A* - GCC*300A*
BAYCARR001A	Carrier Replacement Conversion Kit	GCC*180A* - GCC*300A*
BAYGARD300A	Condenser Hail Guard	GCC*180A* - GCC*300A*
BAYCCHT300A	Crankcase Heater, 70W, 208-230V	GCC*180A3 - GCC*300A3
BAYCCHT301A	Crankcase Heater, 70W, 460V	GCC*180A4 - GCC*300A4
BAYCCHT302A	Crankcase Heater, 70W, 575V	GCC*180AW - GCC*300AW
BAYASCT001	Compressor Short Cycle Timer	GCC*180A* - GCC*300A*
BAYLOAM301B	Low Ambient Control	GCC*180A* - GCC*300A*
BAYLOAM302B	Low Ambient Control	GCC*180A* - GCC*300A*
BAYLOAM310A	Evaporator Defrost Control	GCC*180A* - GCC*300A*
BAYPWRX300A <sup>①</sup>	Power Exhaust, 15-25T, DF, 208-230V	GCC*180A3 - GCC*300A3
BAYPWRX301A <sup>①</sup>	Power Exhaust, 15-25T, DF, 460V	GCC*180A4 - GCC*300A4
BAYPWRX302A <sup>①</sup>	Power Exhaust, 15-25T, DF, 575V	GCC*180AW - GCC*300AW
BAYHSMT300A	High Static Motor & Drv, 5HP 208-230/460V	GCC*180A* - GCC*300A*
BAYHSMT301A	High Static Motor & Drv, 5HP 575V	GCC*180AW
BAYHSMT302A	High Static Motor & Drv, 7.5HP 208-230V	GCC*210A3, GCC*240A3
BAYHSMT303A	High Static Motor & Drv, 7.5HP 460V	GCC*210A4, GCC*240A4
BAYHSMT304A	High Static Motor & Drv, 7.5HP 575V	GCC*210AW, GCC*240AW
BAYSHGR003A <sup>②</sup>	Shaft Grounding Ring, 0.875" Shaft	5HP VFD Motors
BAYSHGR002A <sup>②</sup>	Shaft Grounding Ring, 1.125" Shaft	7.5HP VFD Motors
BAYLSDR300A	Low Static Drive Option	GCC*180A* - GCC*300A*
BAYHSDR300A	High Static Drive Option	GCC*180A* - GCC*300A*
BAYCO2K300A	Wall Mounted CO2 Sensor	GCC*180A* - GCC*300A* with economizer
BAYCO2K301A	Duct Mounted CO2 Sensor	GCC*180A* - GCC*300A* with economizer
BAYCOSW300A	Drain Pan Overflow Switch	GCC*180A* - GCC*300A*
BAYSTAT300A	BACNet Enabled Thermostat	GCC*180A* - GCC*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.

# Precedent™ Roof Curb Compatibility Information

**Table LAC/IN-1-A – Precedent™ 3-5 Ton Roof Curb Compatibility**

BAYCURB042* / FIACURB401*			
Y°C	T°C	WSC	WHC
036G / 033G	036G / 033G	036E / 036H	036H
048G / 043G	048G / 043G	048E / 048H	
060G / 063G	060G / 063G	060E / 060H	
060E / 063E	060E / 063E		

**Table LAC/IN-1-B – Precedent™ 6-25 Ton Roof Curb Compatibility**

BAYCURB043* / FIACURB402*			BAYCURB044* / FIACURB403*		BAYCURB027* / FIACURB404*
T/YSJ	WSC	WHC	T/YSJ	WSC	T/YSJ
T/YSJ	WSC	WHC	T/YSJ	WSC	T/YSJ
072A	060H	048H	150A1	120E	180A
090A	072H	060E			210A
102A	090H				240A
120A1	092H				300A
	102H				
	120H				

**General Notes:**

- ① T/YSJ120 high efficiency models and all T/YSJ150 need curb adapter if older generation Precedent™ and Voyager™ models
- ② If another manufacturers curb was used initially, the adapter curb may not fit.

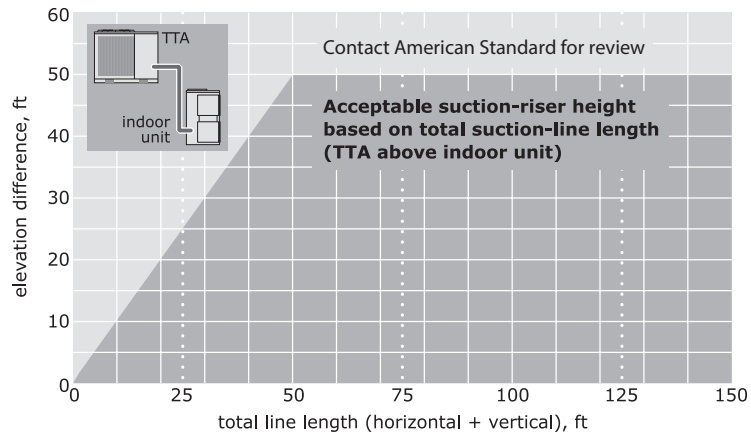
**Table LAC/IN-1-C – Convertible 3-10 Ton Curb Adapters**

Model Number	Description
BAYQACB009*	Quick Adapt Roof Curb Converts Voyager I™ BAYCURB021* to Precedent™ 3 - 5 Ton BAYCURB042*
BAYQACB010*	Quick Adapt Roof Curb Converts Voyager II™ BAYCURB022* to Precedent™ 3 - 5 Ton BAYCURB042*
BAYQACB011*	Quick Adapt Roof Curb Converts Voyager I™ BAYCURB022* to Precedent™ 6 - 10 Ton BAYCURB043*
BAYQACB012*	Quick Adapt Roof Curb Converts Voyager II™ BAYCURB025* to Precedent™ 6 - 10 Ton BAYCURB043*
BAYQACB013*	Quick Adapt Roof Curb Converts Voyager I™ BAYCURB026* to Precedent™ 6 - 10 Ton BAYCURB043*
BAYQACB044*	Quick Adapt Roof Curb Converts Voyager™ BAYCURB026* to Voyager™ BAYCURB027*
FIAQACB026*	Curb Adapter, Converts existing BAYCURB026* to new C cabinet (FIACURB403*) use with TSJ150A
FIAQACB027*	Curb Adapter, Converts existing BAYCURB027* to new C cabinet (BAYCURB403*) use with TSJ150A
FIAQACB044*	Curb Adapter, Converts existing BAYCURB044* to new B cabinet (BAYCURB402*) use with TSJ072A-120A
BAYQACB500*	Quick Adapt Roof Curb Converts Carrier™ CRRFCURB001A01 to Precedent™ FIACURB401*
BAYQACB501*	Quick Adapt Roof Curb Converts Carrier™ CRRFCURB001A01 to Precedent™ FIACURB402*
BAYQACB502*	Quick Adapt Roof Curb Converts Carrier™ CRRFCURB001A03 to Precedent™ FIACURB402*
BAYQACB114*	Precedent E cabinet to Precedent D cabinet (BAYCURB044 to BAYCURB043)
BAYQACB115*	Precedent B cabinet to Precedent C cabinet (BAYCURB042 to BAYCURB043)

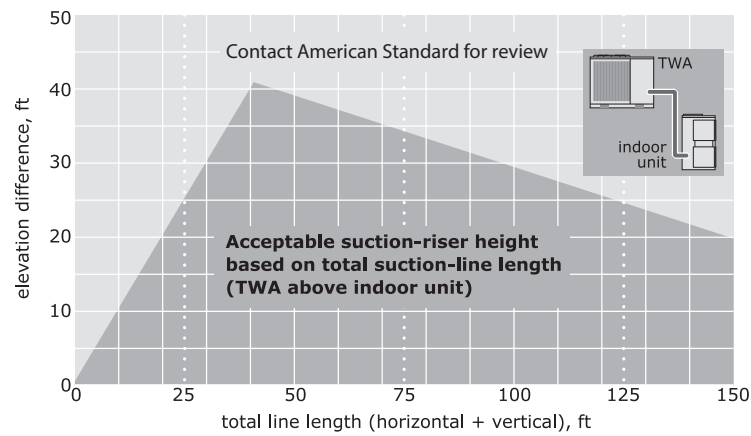
Note: If another manufacturers curb was used initially, the adapter curb may not fit

# Odyssey Footprint Information

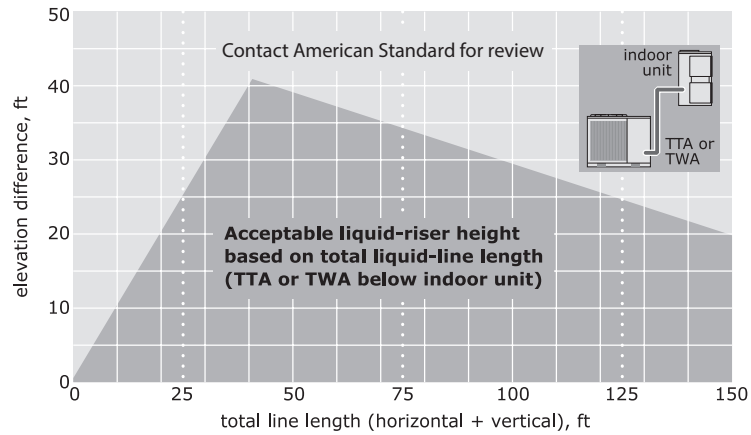
**Table LAC/IN-2-A – Allowable Elevation Difference: Cooling-only TTA above indoor unit**



**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**



Light Commercial  
Accessories/Information

## Zone Sensors



**BAYSENS077**

### Zone Temperature Only

Provides temperature input only. Can be used as a secondary remote temperature input for thermostats.

- Remote Zone Sensor
- Use With:  
BAYSTAT150, 152, 155
- Allows remote zone monitoring with standard electronic zone sensors
- Finish: Pantone Cool Gray #2C
- Replacement: SEN-0435
- Installation – 18-HD60D41
- Source: Clarksville



**BAYSENS106**

### Manual Changeover

Heat, Cool or Off System Switch. Fan Auto or Off Switch. Single temperature setpoint thumbwheel.

- Single Setpoint
- Manual Changeover
- Use With:  
3 – 10 Ton Precedent™ Units T°C, Y°C
- 12.5 – 25 Ton Voyager™ Units
- Heat/Off/Cool System Switch
- Auto/On Fan Switch
- Blue Cool/Red Heat Setpoint Levers
- Single Setpoint requires 4 wires for Electric/Electric
- Finish: Pantone Cool Gray #2C
- Replacement: SEN-1526
- Installation – 18-HD60D28
- Source: St. Paul GCC/Clarksville



**BAYSENS108**

### Manual/Automatic Changeover

Auto, Heat, Cool or Off System Switch. Fan Auto or Off Switch. Dual temperature setpoint sliders.

- Dual Setpoint
- Manual or Auto Changeover
- Use With:  
3 – 10 Ton Precedent™ Units T°C, Y°C
- 12.5 – 25 Ton Voyager™ Units
- Heat/Auto/Off/Cool Switch
- Auto/On Fan Switch
- Blue Cool/Red Heat Setpoint Levers
- Finish: Pantone Cool Gray #2C
- Replacement: SEN-1513
- Installation – 18-HD60D34
- Source: St. Paul GCC/Clarksville



**BAYSENS073**  
**BAYSENS074**  
**BAYSENS075**

### Integrated Comfort™ System

Sensor(s) available with optional temperature adjustment and override buttons to provide central control through an American Standard Integrated Comfort system.

#### BAYSENS073A

- Room Sensor with Timed Override
- Use with Integrated Comfort™ Systems
- Use With:  
3 – 10 Ton Precedent™ Units  
12.5 – 25 Ton Voyager™ Units
- Timed Override Buttons
- Finish: Pantone Cool Gray #2C
- Replacement: SEN-1447
- Installation – Included with sensor
- Source: Clarksville

#### BAYSENS074A

- Room Sensor with Setpoint Adjustment
- Used with Integrated Comfort™ Systems
- Use With:  
3 – 10 Ton Precedent™ Units  
12.5 – 25 Ton Voyager™ Units
- Timed Override Buttons
- Thumbwheel Setpoint
- Finish: Pantone Cool Gray #2C
- Replacement: SEN-1450
- Installation – Included with sensor
- Source: Clarksville

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## Zone Sensors

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**BAYSENS135**

### Wired Display Sensor

LCD display that provides heat, cool, auto, or off. Includes two temperature setpoints and a lockable setting with °F or °C indicators.



**BAYSENS800**

### Touchscreen Digital Display Communicating Sensor

Uses BACnet MS/TP link to communicate zone temperature and setpoints. Auto, Heat, Cool or Off System Switch. Fan Auto or On Switch. 7-day programmable thermostat with night setback.

**Note:** Not compatible with VAV units. Requires BACnet communications



**BAYSENS036**

### Wired Zone Temperature and Humidity Sensor

Measures temperature and relative humidity. Relative humidity input is used to control activation of dehumidification.

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Comfort Controls/Zone Sensors

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## Air-Fi Wireless Communicating Zone Sensors

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**BAYSENS077**

### Wireless Zone Temperature Only

Measures temperature and optional humidity (with WCS-SH) for use in public spaces where no local user interface is preferred.

Note: Requires BACnet communications



**BAYSENS106**

### Wireless Display Sensor

Easy-to-use interface for clear and simple monitoring and control. Can be configured for any American Standard system or to meet the customer's preference.

Note: Requires BACnet communications



**X13790422010**

### Wired CO<sub>2</sub> Sensor

The maintenance-free carbon dioxide (CO<sub>2</sub>) sensor is primarily used for demand control ventilation applications.

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## Thermostats



**BAYSTAT152**

### Touchscreen Programmable Thermostat with Relative Humidity Sensor (3H/2C)

Three Heat, Two Cool digital display thermostat with built-in humidity control. This thermostat combines both humidity and temperature into one

Note: Not compatible with VAV units.

- 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.
- Real-Time Clock — Keeps time during power failure; automatically updates for daylight savings.
- Internal Humidity Sensor
- Manual or Auto Changeover
- 2 or 4 Scheduling Periods
- Precise Temperature Control ( $\pm 0.05$  °F) — reliable, consistent comfort.
- Multiple OVERRIDE options — Can modify schedule indefinitely or for a specific period of time.
- 3 Heat/2 Cool



**BAYSTAT150**

### Digital Display Programmable Thermostat (3H/2C)

- Three Heat / Two Cool
- Auto changeover digital display thermostat.
- 7-day programmable thermostat with night setback.

Note: Not compatible with VAV units.



**BAYSTAT151**

### Digital Display Programmable Thermostat (1H/1C)

- One Heat / One Cool
- Auto changeover digital display thermostat.

Note: Not compatible with VAV units.



**BAYSTAT155**

### Digital Display Thermostat (3H/2C)

- Three Heat / Two Cool
- Auto changeover digital display thermostat.

Note: Not compatible with VAV units.

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Comfort Controls/Zone Sensors

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