

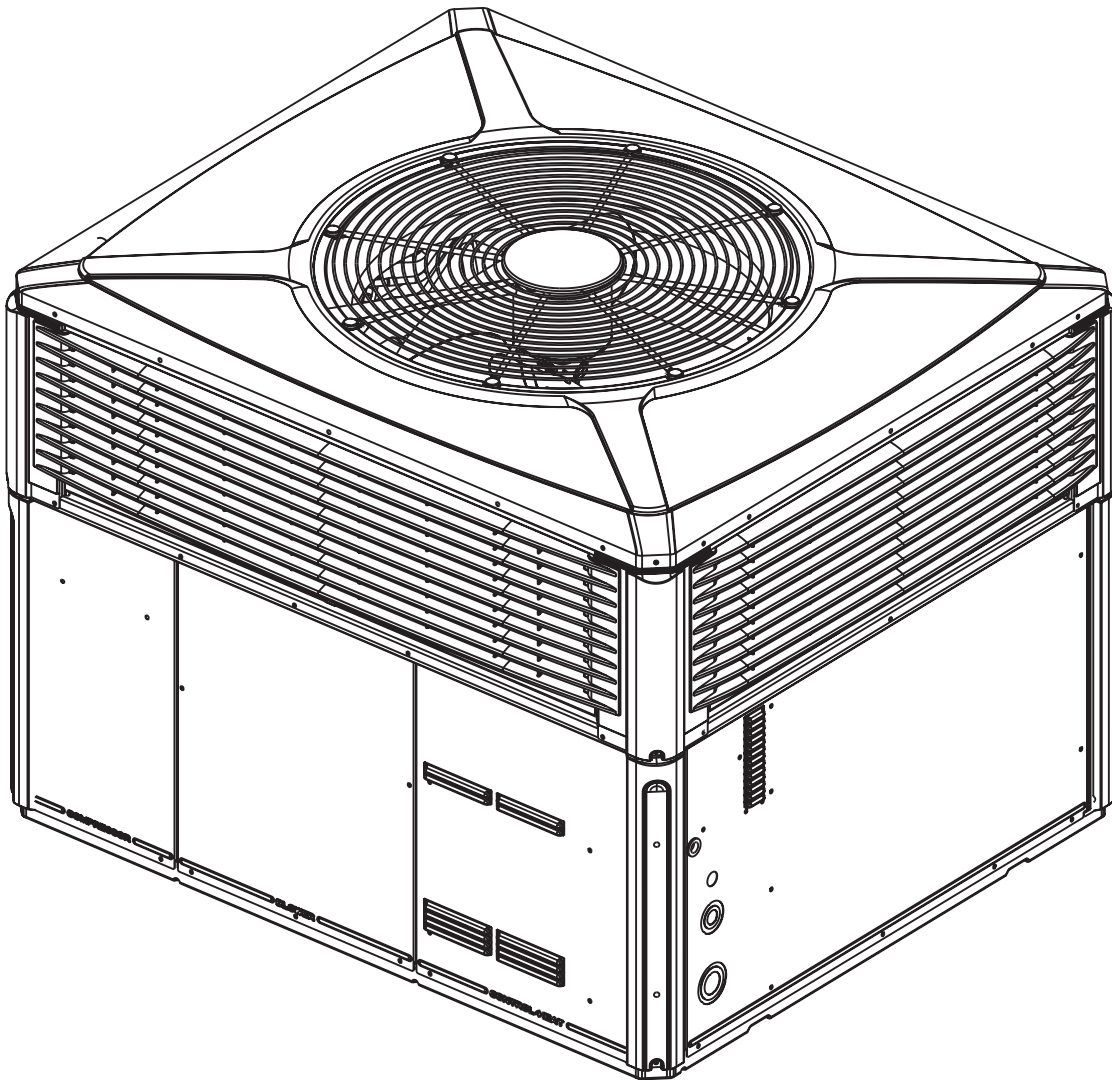


TRANE®

22-1789-20

Product Data

4WCY4024 through 4WCY4060
Single Packaged Convertible Heat Pump
14 SEER
2 - 5 Ton
R-410A



It's Hard to Stop a Trane.

Single Packaged Electric Heat Pump System

Trane offers a complete family of electric heat pump heating and cooling systems, designed to keep you comfortable all year long, regardless of the weather, while keeping your operating costs as low as possible. A heat pump operates efficiently as both an air conditioner and a heater. In the summer, the heat pump cools your home just like any other air conditioner by pulling the heat from the inside and releasing it outdoors. In the winter, it captures the heat that is always present in the outdoor air and transfers it indoors.

Introducing the new TRANE Single Packaged Electric Heat Pump System.

Single Packaged Electric Heat Pump Systems are easy and versatile to install. Because cooling and heating functions are all contained in a single cabinet, a Trane packaged heat pump system is easy to install and service. It can be flush mounted beside your home at ground level or placed on the roof for horizontal or downflow installation. When connected to an optional Trane thermostat control and air distribution ducts, you have a highly efficient, total home comfort system.

Single Packaged Electric Heat Pump Systems are unmatched in quality and reliability. All major components on these products, including the compressor, have been designed and manufactured for maximum service. Every Climatuff® compressor is designed and manufactured to exacting specifications. Each design is life tested in extreme environments to ensure reliable and long lasting operation in normal applications. Each compressor has internal motor protection for added reliability.

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Optional Equipment

OPTIONAL EQUIPMENT FOR PACKAGED UNITS (check mark [✓] indicates accessories included)

Hinged Filter Access Door (4WCY4024-036)	BAYACCDOR1A[]
Hinged Filter Access Door (4WCY4042-060)	BAYACCDOR2A[]
Roof Curb Full Perimeter (4WCY4024-36) ③	BAYCURB050A[]
Roof Curb Full Perimeter (4WCY4042-060) ③	BAYCURB051A[]
Roof Curb Utility Extension Kit (BAYCURB050A).....	BAYUTIL101B[]
Roof Curb Utility Extension Kit (BAYCURB051A).....	BAYUTIL102B[]
0-25% Manual Fresh Air Damper (4WCY4024-36)	BAYOSAH001A[]
0-25% Manual Fresh Air Damper (4WCY4042-060A) ①.....	BAYOSAH002A[]
Motorized Fresh Air Damper (4WCY4024-36) ①.....	BAYDMPR101A[]
Motorized Fresh Air Damper (4WCY4042-060) ①.....	BAYDMPR102A[]
16" Round Duct Adapter (2 per box) (4WCY4024-36) ⑥	BAYSQRD001A[]
18" Round Duct Adapter (2 per box) (4WCY4024-060) ⑥	BAYSQRD002A[]
0-100% Mod Economizer w/Baro. Relief (4WCY4024-36) ①②④	BAYECON101B[]
0-100% Mod. Economizer w/Baro. Relief (4WCY4042-060) ①②④.....	BAYECON102B[]
0-100% Horizontal Economizer (4WCY4024-36) ①②	BAYECON200A[]
0-100% Horizontal Economizer (4WCY4042-060) ①②	BAYECON201A[]
Enthalpy Control for Economizer (solid state).....	BAYENTH001A[]
Remote Potentiometer (All-BAYECON***A)	BAYSTAT023[]
1"-2" Filter Frame (4WCY4024-36) (20x25 filter not included) ①.....	BAYFLTR101B[]
1"-2" Filter Frame (4WCY4042-060) (20x20 & 20x18 filter not included) ①.....	BAYFLTR201B[]
Head Pressure Control (Low Ambient Cool) (208/240v) Kit ⑤	BAYLOAM105A[]
Quick Start Kit (4WCY4-†1)	BAYKSKT300A[]
Crankcase Heater Recip (4WCY4024-030) (230v) ⑤	BAYCCHT101A[]
Crankcase Heater Scroll (4WCY4042-060†1/3)(230v) ⑤.....	BAYCCHT102A[]
Crankcase Heater Scroll (4WCY4036)(230v) ⑤	BAYCCHT103A[]
Adapter Curb 4WCY4024-36 to BAYCURB030,38.....	BAYADAP050A[]
Adapter Curb 4WCY4024-36 to BAYCURB033.....	BAYADAP051A[]
Adapter Curb 4WCY4042-060 to BAYCURB030,38.....	BAYADAP052A[]
Adapter Curb 4WCY4042-060 to BAYCURB033.....	BAYADAP053A[]
Adapter Curb 4WCY4042-060 to BAYCURB034.....	BAYADAP054A[]
12" Duct Shroud Covers Horizontal 4WCY4024-060⑦.....	BAYCOVR112A[]
18" Duct Shroud Covers Horizontal 4WCY4024-060 ⑦.....	BAYCOVR118A[]
Extreme Condition Mounting Kit - All BAYCURB & BAYADAP	BAYEXMK001A[]
Extreme Condition Mounting Kit - All BAYUTIL	BAYEXMK002B[]
Extreme Condition Mounting Kit - All Slab Mounts.....	BAYEXMK003A[]
Lifting Lug Kit.....	BAYLIFT002B[]
SUPPLEMENTARY HEATERS (1 PHASE)	
3.76/5.0 KW Heater (208/240V 1PH) (4WCY4024-060†1)	BAYHTRV105E[]
3.76/5.0 KW Heater (208/240V 1PH) (4WCY4024-060†1)	BAYHTRV108E[]
7.50/10.0 KW Heater (208/240V 1PH) (4WCY4024-060†1)	BAYHTRV110E[]
11.27/15.00 KW Heater (208/240V 1PH) (4WCY4030-060†1).....	BAYHTRV115E[]
15.0/20.0 KW Heater (208/240V 1PH) (*4WCY4042-060†1).....	BAYHTRV120E[]
18.78/25.0 KW Heater (208/240V 1PH) (4WCY4042-060†1).....	BAYHTRV125E[]
SUPPLEMENTARY HEATERS (3 PHASE)	
3.76/5.0 KW Heater (208/240V 3PH) (4WCY4036-060†3)	BAYHTRV305E[]
3.76/5.0 KW Heater (208/240V 3PH) (4WCY4036-060†3)	BAYHTRV308E[]
7.50/10.0 KW Heater (208/240V 3PH) (4WCY4024-48†3)	BAYHTRV310E[]
11.27/15.00 KW Heater (208/240V 3PH) (4WCY4036-060†3)	BAYHTRV315E[]
15.00/20.0 KW Heater (208/240V 3PH) (4WCY4048-060†3)	BAYHTRV320E[]
18.78/25.0 KW Heater (208/240V 3PH) (4WCY4048-060†3).....	BAYHTRV325E[]
Single Power Entry Kit ⑧	BAYSPEK060F[]
Single Power Entry Kit ⑧	BAYSPEK061E[]
Single Power Entry Kit ⑧	BAYSPEK062F[]
Single Power Entry Kit ⑧	BAYSPEK063F[]
Single Power Entry Kit ⑧	BAYSPEK064E[]
Single Power Entry Kit ⑧	BAYSPEK065E[]

- NOTES: ① Must use internal filter frame when economizer or fresh air kit is used.
 ② Dry bulb control standard with economizer.
 ③ Ships knocked down.
 ④ Downflow only.
 ⑤ Low Ambient cooling requires crankcase heater (BAYCCHT---B).
 ⑥ It is the responsibility of the installing dealer to properly size the ductwork for each specific application.
 ⑦ BAYCOVR112,118A will not cover BAYSQRD002A applications.
 ⑧ See table on page 8 for matching kit with units and heaters.
 † = A or B

General Data

MODEL	4WCY4024A1000B	4WCY4030A1000B	4WCY4036C1000A
RATED Volts/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60
Performance Cooling BTUH^①	23600	30000	37000
Indoor Airflow (CFM)	750	875	1150
Power Input (KW)	2.00	2.15	3.11
EER/SEER (BTU/Watt-Hr.) ^⑥	12 / 14	12.0 / 14.25	12.0 / 14.25
Sound Power Rating [dB(A)] ^②	68	71	69
Performance Heating^①			
(High Temp.) BTUH	22400	27600	33200/3.7
Power Input (KW)	1.77	2.15	2.7
(Low Temp.) BTUH	12100	15200	22400
Power Input (KW)	1.25	1.81	2.5
HSPF (BTU / Watt-Hr.) ^⑥	8.0	8.0	8.0
POWER CONN.—V/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60
Min. Brch. Cir. Ampacity ^③	16.1	19.2	26.2
Fuse Size — Max. (amps)	25	30	40
Fuse Size — Recmd. (amps)	25	30	40
COMPRESSOR	RECIPROCATING	RECIPROCATING	SCROLL
Volts/Ph/Hz	200-230/1/60	200-230/1/60	208-230/1/60
R.L. Amps — L.R. Amps	8.3 / 57.8	11.1 / 63	16.7 / 79
OUTDOOR COIL — TYPE	SPINE-FIN	SPINE-FIN	SPINE-FIN
Rows/F.P.I.	2 / 24	2 / 24	2 / 24
Face Area (sq.ft.)	13.32	13.32	15.49
Tube Size (in.)	3/8	3/8	3/8
Refrigerant Control	EXPANSION VALVE	EXPANSION VALVE	EXPANSION VALVE
INDOOR COIL — TYPE	PLATE FIN	PLATE FIN	PLATE FIN
Rows/F.P.I.	3 / 15	4 / 15	4 / 15
Face Area (sq.ft.)	3.54	3.54	3.54
Tube Size (in.)	3/8	3/8	3/8
Refrigerant Control	EXPANSION VALVE	EXPANSION VALVE	EXPANSION VALVE
Drain Conn. Size (in.)	3/4 FEMALE NPT	3/4 FEMALE NPT	3/4 FEMALE NPT
OUTDOOR FAN — TYPE	PROPELLER	PROPELLER	PROPELLER
Dia. (in.)	23.4	23.4	23.4
Drive/No. Speeds	DIRECT / 1	DIRECT / 1	DIRECT / 1
CFM @ 0.0 in. w.g. ^④	2550	3270	3290
Motor — HP/R.P.M.	1/12 / 810	1/6 / 830	1/5 / 830
Volts/Ph/Hz	230/1/60	208-230/1/60	230/1/60
F.L. Amps/L.R. Amps	0.54 / 0.95	0.9 / 1.7	1.1 / 1.9
INDOOR FAN — TYPE	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL
Dia x Width (in.)	10 X 10	10 X 10	10 X 10
Drive/No. Speeds	DIRECT / VARIABLE	DIRECT / VARIABLE	DIRECT / VARIABLE
CFM @ 0.0 in. w.g. ^⑤	SEE FAN PERFORMANCE TABLE	SEE FAN PERFORMANCE TABLE	SEE FAN PERFORMANCE TABLE
Motor — HP/R.P.M.	1/2 / VARIABLE	1/2 / VARIABLE	1/2 / VARIABLE
Volts/Ph/Hz	200-230/1/60	208-230/1/60	200-230/1/60
F.L. Amps/L.R. Amps	4.3 / 4.3	4.3 / 4.3	4.3 / 4.3
FILTER / FURNISHED	NO	NO	NO
Type Recommended	THROWAWAY	THROWAWAY	THROWAWAY
Recmd. Face Area (sq. ft.) ^⑦	4.0	4.0	4
REFRIGERANT	R410A	R410A	R410A
Charge (lbs.)	6.5	6.5625	7.5
DIMENSIONS	H X W X L	H X W X L	H X W X L
Crated (in.)	45.86 / 44.5 / 52.03	45.86 / 44.5 / 52.03	47.86 / 44.5 / 52.03
WEIGHT			
Shipping (lbs.) / Net (lbs.)	453 / 357	453 / 357	468 / 372

① Certified in accordance with the Unitary Air-Conditioner Equipment certification program, which is based on AHRI Standard 210/240.

② Sound Power values are not adjusted for AHRI 270-95 tonal corrections.

③ Calculated in accordance with currently prevailing Nat'l Electrical Code.

④ Standard Air — Dry Coil — Outdoor.

⑤ Standard Air — Wet Coil — Indoor.

⑥ Rated in accordance with D.O.E. test procedure.

⑦ Filters must be installed in return air system. Square footages listed are based on 300 f.p.m. face velocity. If permanent filters are used size per manufacturer's recommendations with clean resistance of 0.05" W.C.

General Data

MODEL	4WCY4036B3000A	4WCY4042B1000A	4WCY4048B1000B
RATED Volts/Ph/Hz	208-230/3/60	208-230/1/60	208-230/1/60
Performance Cooling BTUH^①	36000	42000	47500
Indoor Airflow (CFM)	1200	1380	1400
Power Input (KW)	3.15	3.50	3.96
EER/SEER (BTU/Watt-Hr.) ^⑥	11.75 / 14.0	12.0 / 14.0	12.0 / 14.0
Sound Power Rating [dB(A)] ^②	69	74	73
Performance Heating^①			
(High Temp.)BTUH	32400	38000	45000
Power Input (KW)	2.7	3.23	3.77
(Low Temp.) BTUH	24800	23400	28400
Power Input (KW)	2.6	2.96	3.44
HSPF (BTU / Watt-Hr.) ^⑥	8.0	8.0	8.0
POWER CONN.—V/Ph/Hz	208-230/3/60	208-230/1/60	208-230/1/60
Min. Brch. Cir. Ampacity ^③	18.4	30.6	33.9
Fuse Size — Max. (amps)	25	45	50
Fuse Size — Recmd. (amps)	25	45	50
COMPRESSOR	SCROLL	SCROLL	SCROLL
Volts/Ph/Hz	208-230/3/60	208-230/1/60	208-230/1/60
R.L. Amps — L.R. Amps	10.4 / 73	17.9 / 112	20.5 / 109
OUTDOOR COIL — TYPE	SPINE-FIN	SPINE-FIN	SPINE-FIN
Rows/F.P.I.	2 / 24	2 / 24	2 / 24
Face Area (sq.ft.)	15.49	18.01	18.01
Tube Size (in.)	3/8	3/8	3/8
Refrigerant Control	EXPANSION VALVE	EXPANSION VALVE	EXPANSION VALVE
INDOOR COIL — TYPE	PLATE FIN	PLATE FIN	PLATE FIN
Rows/F.P.I.	4 / 15	3 / 15	3 / 15
Face Area (sq.ft.)	3.54	5	5.0
Tube Size (in.)	3/8	3/8	3/8
Refrigerant Control	EXPANSION VALVE	EXPANSION VALVE	EXPANSION VALVE
Drain Conn. Size (in.)	3/4 FEMALE NPT	3/4 FEMALE NPT	3/4 FEMALE NPT
OUTDOOR FAN — TYPE	PROPELLER	PROPELLER	PROPELLER
Dia. (in.)	23.4	28.2	28.2
Drive/No. Speeds	DIRECT / 1	DIRECT / 1	DIRECT / 1
CFM @ 0.0 in. w.g. ^④	3250	4470	4440
Motor — HP/R.P.M.	1/5 / 830	1/4 / 825	1/4 / 825
Volts/Ph/Hz	230/1/60	208-230/1/60	230/1/60
F.L. Amps/L.R. Amps	1.1 / 1.9	1.4 / 3.4	1.4 / 3.37
INDOOR FAN — TYPE	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL
Dia x Width (in.)	10 X 10	11 X 10	10 X 10
Drive/No. Speeds	DIRECT / VARIABLE	DIRECT / VARIABLE	DIRECT / VARIABLE
CFM @ 0.0 in. w.g. ^⑤	SEE FAN PERFORMANCE TABLE	SEE FAN PERFORMANCE TABLE	SEE FAN PERFORMANCE TABLE
Motor — HP/R.P.M.	1/2 / VARIABLE	3/4 / VARIABLE	3/4 / VARIABLE
Volts/Ph/Hz	200-230/1/60	208-230/1/60	200-230/1/60
F.L. Amps/L.R. Amps	4.3 / 4.3	6.8 / 6.8	6.8 / 6.8
FILTER / FURNISHED	NO	NO	NO
Type Recommended	THROWAWAY	THROWAWAY	THROWAWAY
Recmd. Face Area (sq. ft.) ^⑦	4.0	5.3	5.3
REFRIGERANT	R410A	R410A	R410A
Charge (lbs.)	7.4	8.2	7.75
DIMENSIONS	H X W X L	H X W X L	H X W X L
Crated (in.)	47.86 / 44.5 / 52.03	47.86 / 47.4 / 61.75	47.86 / 47.4 / 61.75
WEIGHT			
Shipping (lbs.) / Net (lbs.)	468 / 372	607 / 479	607 / 479

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② Sound Power values are not adjusted for AHRI 270-95 tonal corrections.

③ Calculated in accordance with currently prevailing Nat'l Electrical Code.

④ Standard Air — Dry Coil — Outdoor.

⑤ Standard Air — Wet Coil — Indoor.

⑥ Rated in accordance with D.O.E. test procedure.

⑦ Filters must be installed in return air system. Square footages listed are based on 300 f.p.m. face velocity. If permanent filters are used size per manufacturer's recommendations with clean resistance of 0.05" W.C.

General Data

MODEL	4WCY4048A3000C	4WCY4060B1000C	4WCY4060A3000C
RATED Volts/Ph/Hz	208-230/3/60	208-230/1/60	208-230/3/60
Performance Cooling BTUH ^①	47000	58000	58000
Indoor Airflow (CFM)	1400	1785	1780
Power Input (KW)	3.97	4.95	4.95
EER/SEER (BTU/Watt-Hr.) ^⑥	11.75 / 14.0	12.0 / 14.0	11.5 / 14.0
Sound Power Rating [dB(A)] ^②	73	76	76
Performance Heating ^①			
(High Temp.)BTUH	42500	55000	55000
Power Input (KW)	3.56	4.48	4.60
(Low Temp.) BTUH	27200	35400	37600
Power Input (KW)	3.44	4.30	4.29
HSPF (BTU / Watt-Hr.) ^⑥	8.0	8.0	8.0
POWER CONN. — V/Ph/Hz	208-230/3/60	208-230/1/60	208-230/3/60
Min. Brch. Cir. Ampacity ^③	25.3	39.9	28.6
Fuse Size — Max. (amps)	35	60	45
Fuse Size — Recmd. (amps)	35	60	45
COMPRESSOR	SCROLL	SCROLL	SCROLL
Volts/Ph/Hz	208-230/3/60	208-230/1/60	208-230/3/60
R.L. Amps — L.R. Amps	13.7 / 83	25 / 134	16.0 / 110
OUTDOOR COIL — TYPE	SPINE-FIN	SPINE-FIN	SPINE-FIN
Rows/F.P.I.	2 / 24	2 / 24	2 / 24
Face Area (sq.ft.)	18.01	23.07	23.57
Tube Size (in.)	3/8	3/8	3/8
Refrigerant Control	EXPANSION VALVE	EXPANSION VALVE	EXPANSION VALVE
INDOOR COIL — TYPE	PLATE FIN	PLATE FIN	PLATE FIN
Rows/F.P.I.	3 / 15	4 / 15	4 / 15
Face Area (sq.ft.)	5.0	5.0	5.0
Tube Size (in.)	3/8	3/8	3/8
Refrigerant Control	EXPANSION VALVE	EXPANSION VALVE	EXPANSION VALVE
Drain Conn. Size (in.)	3/4 FEMALE NPT	3/4 FEMALE NPT	3/4 FEMALE NPT
OUTDOOR FAN — TYPE	PROPELLER	PROPELLER	PROPELLER
Dia. (in.)	28.2	28.2	28.2
Drive/No. Speeds	DIRECT / 1	DIRECT / 1	DIRECT / 1
CFM @ 0.0 in. w.g. ^④	4440	5700	5700
Motor — HP/R.P.M.	1/4 / 825	1/3 / 830	1/3 / 830
Volts/Ph/Hz	230/1/60	230/1/60	230/1/60
F.L. Amps/L.R. Amps	1.4 / 3.37	1.7 / 3.5	1.7 / 3.5
INDOOR FAN — TYPE	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL
Dia x Width (in.)	10 X 10	11 X 10	11 X 10
Drive/No. Speeds	DIRECT / VARIABLE	DIRECT / VARIABLE	DIRECT / VARIABLE
CFM @ 0.0 in. w.g. ^⑤	SEE FAN PERFORMANCE TABLE	SEE FAN PERFORMANCE TABLE	SEE FAN PERFORMANCE TABLE
Motor — HP/R.P.M.	3/4 / VARIABLE	1 / VARIABLE	1 / VARIABLE
Volts/Ph/Hz	200-230/1/60	208-230/1/60	208-230/1/60
F.L. Amps/L.R. Amps	6.8 / 6.8	6.9 / 6.9	6.9 / 6.9
FILTER / FURNISHED	NO	NO	NO
Type Recommended	THROWAWAY	THROWAWAY	THROWAWAY
Recmd. Face Area (sq. ft.) ^⑦	5.3	5.3	5.3
REFRIGERANT	R410A	R410A	R410A
Charge (lbs.)	7.75	11.94	10.125
DIMENSIONS	H X W X L	H X W X L	H X W X L
Crated (in.)	47.86 / 47.4 / 61.75	51.86 / 47.4 / 61.75	51.86 / 47.4 / 61.75
WEIGHT			
Shipping (lbs.) / Net (lbs.)	607 / 479	623 / 495	623 / 495

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② Sound Power values are not adjusted for AHRI 270-95 tonal corrections.

③ Calculated in accordance with currently prevailing Nat'l Electrical Code.

④ Standard Air — Dry Coil — Outdoor.

⑤ Standard Air — Wet Coil — Indoor.

⑥ Rated in accordance with D.O.E. test procedure.

⑦ Filters must be installed in return air system. Square footages listed are based on 300 f.p.m. face velocity. If permanent filters are used size per manufacturer's recommendations with clean resistance of 0.05" W.C.

Heater Data

Table 1. 4WCY4024 to 4WCY4060 Heater Data

UNIT MODEL	ELECTRIC HEATER MODEL	RATED VOLTAGE	PHASE	AMPS	HEATER CAPACITY		NO. OF STAGES	KW/STAGE		MCA	MAX FUSE OR HACR CKT BKR SIZE (4)	CANADA ONLY MAX. CKT BKR SIZE (5)
					KW	BTUH		1	2			
^W/TC*3018-060†1 ^W/TCY4024-060†1 ^WCZ6036-060†1	BAYHTRV105E	208/240	1	18/21	3.76/5.0	12800/17100	1	3.76/5.0		23/26	25/30	25/30
^W/TC*3018-060†1 ^W/TCY4024-060†1 ^WCZ6036-060†1	BAYHTRV108E	208/240	1	29/33	6.0/8.0	20500/27300	1	6.0/8.0		36/41	40/45	40/45
^W/TC*3024-060†1 ^W/TCY4024-060†1 ^WCZ6036-060†1	BAYHTRV110E	208/240	1	36/42	7.5/10.0	25600/34100	1	7.5/10.0		45/52	45/60	45/60
^W/TC*3030-060†1 ^W/TCY4030-060†1 ^WCZ6036-060†1	BAYHTRV115E#	208/240	1	54/63	11.27/15.0	38500/51200	2	7.5/10.0	3.76/5.0	68/78	70/80	70/80
^W/TC*3042-060†1 ^W/TCY4042-060†1 ^WCZ6048-060†1	BAYHTRV120E#	208/240	1	72/83	15.0/20.0	51200/68300	2	7.5/10.0	7.5/10.0	90/104	90/110	90/110
4WC*3042†1 ^W/TC*3060†1 ^W/TCY4042-060†1 ^WCZ6048-060†1	BAYHTRV125E#	208/240	1	90/104	18.78/25.0	64100/85300	2	11.26/15.0	7.5/10.0	113/130	125/150	125/150
^W/TC*3036-060†3 ^W/TCY4036-060†3 ^WCZ6036-060†3	BAYHTRV305E	208/240	3	10/12	3.76/5.0	12800/17100	1	3.76/5.0		13/15	15/15	15/15
^W/TC*3036-060†3 ^W/TCY4036-060†3 ^WCZ6036-060†3	BAYHTRV308E	208/240	3	17/19	6.0/8.0	20500/27300	1	6.0/8.0		21/24	25/25	25/25
^W/TC*3036-060†3 ^W/TCY4036-060†3 ^WCZ6036-060†3	BAYHTRV310E	208/240	3	21/24	7.5/10.0	25600/34100	1	7.5/10.0		26/30	30/30	30/30
^W/TC*3036-060†3 ^W/TCY4036-060†3 ^WCZ6036-060†3	BAYHTRV315E	208/240	3	31/36	11.27/15.0	38500/51200	2	7.5/10.0	3.76/5.0	39/45	40/45	40/45
^W/TC*3048-060†3 ^W/TCY4048-060†3 ^WCZ6048-060†3	BAYHTRV320E	208/240	3	42/48	15.0/20.0	51200/68300	2	7.5/10.0	7.5/10.0	52/60	60/60	60/60
^W/TC*3060†3 ^W/TCY4048-060†3 ^WCZ6048-060†3	BAYHTRV325E#	208/240	3	52/60	18.78/25.0	64100/85300	2	11.26/15.0	7.5/10.0	65/75	70/80	70/80
^W/TC*3036-060†4 ^WCZ6036-060†4	BAYHTRV405E	480	3	6	5.0	17100	1	5.0		8	15	15
^W/TC*3036-060†4 ^WCZ6036-060†4	BAYHTRV408E	480	3	10	8.0	27300	1	8.0		13	15	15
^W/TC*3036-060†4 ^WCZ6036-060†4	BAYHTRV410E	480	3	12	10.0	34100	1	10.0		15	15	15
^W/TC*3036-060†4 ^WCZ6036-060†4	BAYHTRV415E	480	3	18	15.0	51200	2	10.0	5.0	23	25	25
^W/TC*3048-060†4 ^WCZ6048-060†4	BAYHTRV420E	480	3	24	20.0	68300	2	10.0	10.0	30	30	30
^W/TC*3060†4 ^WCZ6048-060†4	BAYHTRV425E	480	3	30	25.0	85300	2	15.0	10.0	38	40	40

NOTES:

1. Any power supply and circuits must be wired and protected in accordance with local electrical codes.
 2. The MCA values listed are for electric heater only.
 3. Field wire must be rated at least 75°C
 4. The HACR circuit breaker is for U.S.A. installations only.
 5. For Canada installation reference only.
- # Heater uses fuses.

† = A or B

Single Power Entry Kit Data

Table 2. BAYSPEK060F Ampacity and Max Fusing/Circuit Breakers

SINGLE POWER ENTRY KIT	HEATER MODEL	CHECK	UNIT MODEL	MIN CKT. AMP.	MAX OVER CURRENT PROTECT DEVICE	
BAYSPEK060F	BAYHTRV105E		4TC*3018AI	27	30	
			4TC*3024AI	28	30	
			4TC*3030AI	29	35	
			4TC*3036AI	30	35	
			4TC*3042AI	29	45	
			4TC*3048AI	31	50	
			4TCY4024AI	31	35	
			4TCY4030AI	31	35	
			4TCY4036AI	31	40	
			4TCY4036BI	31	40	
			4TCY4042AI	35	50	
			4TCY4042BI	35	50	
			4TCY4048AI	35	50	
			4TCY4048BI	35	50	
			4TCY4060AI	42	60	
			2WC*3024AI	39	40	
			2WC*3030AI	43	45	
			2WC*3036AI	50	60	
			2WC*3042AI	51	60	
			2WC*3048AI	55	60	
			4WC*3018AI	37	40	
			4WC*3024AI	42	45	
			4WC*3024BI	40	40	
			4WC*3030AI	45	50	
		4WC*3036AI	52	60		
		4WCY4024AI	42	45		
		4WCY4030AI	45	50		
		4WCY4036AI	51	60		
		4WCY4036BI	51	60		
		4WCZ6036AI	52	60		
		BAYHTRV108E		4TC*3018AI	43	45
				4TC*3024AI	43	45
				4TC*3030AI	44	45
				4TC*3036AI	45	45
				4TC*3042AI	45	45
				4TC*3048AI	47	50
				4TCY4024AI	47	50
				4TCY4030AI	47	50
				4TCY4036AI	47	50
				4TCY4036BI	47	50
				4TCY4042AI	50	60
				4TCY4042BI	50	60
				4TCY4048AI	50	60
				4TCY4048BI	50	50
				4TCY4060AI	50	60
				2WC*3024AI	54	60
				2WC*3030AI	59	60
				4WC*3018AI	52	60
			4WC*3024AI	58	60	
			4WC*3024BI	55	60	
			4WCY4024AI	58	60	
	BAYHTRV110E			4TC*3024AI	54	60
				4TC*3030AI	55	60
				4TC*3036AI	56	60
			4TC*3042AI	55	60	
			4TC*3048AI	57	60	
			4TCY4024AI	58	60	
			4TCY4030AI	58	60	
			4TCY4036AI	58	60	
			4TCY4036BI	58	60	

INSTALLER OF THE SINGLE POWER ENTRY KIT MUST CHECK THE APPROPRIATE BOX ABOVE TO RECORD THE KIT, HEATER AND UNIT MODEL NUMBERS INSTALLED. POWER SUPPLY VOLTAGE TO UNIT AND HEATER MUST BE IDENTICAL. CHECK THE UNIT AND HEATER NAMEPLATES TO DETERMINE THE CORRECT POWER SUPPLY VOLTAGE. CHECK HEATER NAMEPLATE TO DETERMINE HEATER KW AND CURRENT RATING. MINIMUM INSTALLATION CLEARANCE TO COMBUSTIBLE MATERIAL WHEN ELECTRIC HEATERS ARE INSTALLED: UNIT CABINET- 0", PLENUM- 0" AND OUTLET DUCT- 0". * INDICATES AN ALPHA CHARACTER IN THE FOURTH DIGIT OF THE UNIT MODEL.

PLACE ABOVE LABEL OVER "ELECTRIC HEATER INSTALLED" NAMEPLATE ON UNIT

D932299P04

Single Power Entry Kit Data

Table 3. BAYSPEK061 Ampacity and Max Fusing/Circuit Breakers

SINGLE POWER ENTRY KIT	HEATER MODEL	UNIT MODEL	MIN CKT. AMP.	MAX OVER CURRENT PROTECT DEVICE	
BAYSPEK061E	BAYHTRV305E	4TC*3036+3	18	30	
		4TC*3048+3	24	35	
		4TC*3060+3	32	45	
		4TCY4036+3	20	30	
		4TCY4048+3	26	40	
		4TCY4060+3	31	45	
		4WC*3036+3	33	40	
		4WC*3048+3	39	50	
		4WC*3060+3	47	60	
		4WCY4036+3	35	40	
		4WCY4048+3	41	50	
		4WCY4060+3	46	60	
		4WCZ6036+3	34	40	
		4WCZ6048+3	40	50	
	4WCZ6060+3	45	60		
	BAYHTRV308E	4TC*3036+3	27	30	
		4TC*3048+3	29	35	
		4TC*3060+3	34	45	
		4TCY4036+3	29	30	
		4TCY4048+3	33	40	
		4TCY4060+3	33	45	
		4WC*3036+3	42	45	
		4WC*3048+3	48	50	
		4WC*3060+3	56	60	
		4WCY4036+3	44	50	
		4WCY4048+3	50	60	
		4WCY4060+3	55	60	
		4WCZ6036+3	43	45	
		4WCZ6048+3	49	50	
	4WCZ6060+3	54	60		
	BAYHTRV310E	4TC*3036+3	33	35	
		4TC*3048+3	35	35	
		4TC*3060+3	40	45	
		4TCY4036+3	35	35	
		4TCY4048+3	39	40	
		4TCY4060+3	39	45	
		4WC*3036+3	48	50	
		4WC*3048+3	54	60	
		4WCY4036+3	50	50	
		4WCY4048+3	56	60	
		4WCZ6036+3	49	50	
		4WCZ6048+3	55	60	
		BAYHTRV315E	4TC*3036+3	48	50
			4TC*3048+3	50	50
	4TC*3060+3		55	60	
	4TCY4036+3		50	50	
	4TCY4048+3		54	60	
	4TCY4060+3		54	60	
	BAYSPEK061E	BAYHTRV405E	4TC*3036+4	10	15
			4TC*3048+4	12	15
4TC*3060+4			20	25	
4WC*3036+4			16	20	
4WC*3048+4			19	25	
4WC*3060+4			27	30	
4WCZ6036+4			18	20	
4WCZ6048+4			23	25	
4WCZ6060+4			27	30	
BAYHTRV408E			4TC*3036+4	14	15
		4TC*3048+4	15	15	
		4TC*3060+4	22	25	
		4WC*3036+4	21	25	
		4WC*3048+4	24	25	
		4WC*3060+4	32	35	
		4WCZ6036+4	22	25	
		4WCZ6048+4	27	30	
4WCZ6060+4		31	35		
BAYHTRV410E		4TC*3036+4	17	20	
		4TC*3048+4	18	20	
		4TC*3060+4	25	25	
		4WC*3036+4	24	25	
		4WC*3048+4	27	30	
		4WC*3060+4	35	40	
		4WCZ6036+4	25	25	
		4WCZ6048+4	30	30	
		4WCZ6060+4	34	40	
		BAYHTRV415E	4TC*3036+4	25	25
4TC*3048+4	25		25		
4TC*3060+4	32		35		
4WC*3036+4	31		35		
4WC*3048+4	34		35		
4WC*3060+4	42		45		
4WCZ6036+4	33		35		
4WCZ6048+4	38		40		
4WCZ6060+4	42	45			
BAYHTRV420E	4TC*3048+4	33	35		
	4TC*3060+4	40	40		
	4WC*3048+4	42	45		
	4WC*3060+4	50	50		
	4WCZ6048+4	45	45		
	4WCZ6060+4	49	50		

INSTALLER OF THE SINGLE POWER ENTRY KIT MUST CHECK THE APPROPRIATE BOX ABOVE TO RECORD THE KIT, HEATER AND UNIT MODEL NUMBERS INSTALLED. POWER SUPPLY VOLTAGE TO UNIT AND HEATER MUST BE IDENTICAL. CHECK THE UNIT AND HEATER NAMEPLATES TO DETERMINE THE CORRECT POWER SUPPLY VOLTAGE. CHECK HEATER NAMEPLATE TO DETERMINE HEATER KW AND CURRENT RATING. MINIMUM INSTALLATION CLEARANCE TO COMBUSTIBLE MATERIAL WHEN ELECTRIC HEATERS ARE INSTALLED: UNIT CABINET-0", PLENUM-0" AND OUTLET DUCT-0" EXCEPT FOR BAYHTRV415E AND BAYHTRV425E WHEN INSTALLED IN 4WCZ6060A4 UNIT ONLY. MINIMUM INSTALLATION CLEARANCE TO COMBUSTIBLE MATERIAL WHEN BAYHTRV415E AND BAYHTRV425E ARE INSTALLED IN 4WCZ6060A4 UNIT ONLY: UNIT CABINET - 1", PLENUM - 1" AND OUTLET DUCT - 1".
 * INDICATES AN ALPHA CHARACTER IN THE FOURTH DIGIT OF THE UNIT MODEL.
 D932299P02

Single Power Entry Kit Data

Table 4. BAYSPEK062F,63F,64E & 65E Ampacity and Max Fusing/Circuit Breakers

SINGLE POWER ENTRY KIT	HEATER MODEL	CHECK	UNIT MODEL	MIN CKT. AMP.	MAX OVER CURRENT PROTECT DEVICE	
BAYSPEK062F	BAYHTRV105E		4TC*3060A1	44	70	
			2WC*3060A1	67	80	
			4WC*3042A1	58	70	
			4WC*3048A1	57	70	
			4WC*3060A1	70	90	
			4WCY4042A1	58	70	
			4WCY4048A1	60	70	
			4WCY4048B1	62	70	
			4WCY4060A1	68	90	
			4WCY4060B1	66	80	
			4WCZ6048A1	60	70	
			4WCZ6060A1	63	80	
		BAYHTRV108E		4TC*3060A1	51	70
				2WC*3036A1	66	70
				2WC*3042A1	66	70
			2WC*3048A1	70	80	
			2WC*3060A1	82	90	
			4WC*3030A1	61	70	
			4WC*3036A1	67	70	
			4WC*3042A1	73	80	
			4WC*3048A1	73	80	
			4WC*3060A1	85	100	
			4WCY4030A1	61	70	
			4WCY4036A1	66	70	
			4WCY4036B1	66	70	
			4WCY4042A1	73	80	
	BAYHTRV110E			4WCY4048A1	76	80
			4WCY4048B1	77	90	
			4WCY4060A1	84	100	
			4WCY4060B1	82	90	
			4WCZ6036A1	68	70	
			4WCZ6048A1	76	80	
			4WCZ6060A1	79	90	
			4TC*3060A1	62	70	
			4TCY4042A1	61	70	
			4TCY4042B1	61	70	
			4TCY4048A1	61	70	
			4TCY4048B1	61	70	
			4TCY4060A1	61	70	
			2WC*3024A1	65	70	
		BAYHTRV115E		2WC*3030A1	69	70
			2WC*3036A1	76	80	
			2WC*3042A1	77	80	
			2WC*3048A1	81	90	
			2WC*3060A1	93	100	
			4WC*3024A1	68	70	
			4WC*3024B1	66	70	
			4WC*3030A1	71	80	
			4WC*3036A1	78	80	
			4WC*3042A1	84	90	
			4WC*3048A1	83	90	
			4WC*3060A1	96	110	
			4WCY4024A1	68	70	
			4WCY4030A1	71	80	
	BAYHTRV120E			4WCY4036A1	77	80
			4WCY4036B1	77	80	
			4WCY4042A1	84	90	
			4WCY4048A1	86	90	
			4WCY4048B1	88	90	
			4WCY4060A1	94	110	
			4WCY4060B1	92	100	
			4WCZ6036A1	78	80	
			4WCZ6048A1	86	90	
			4WCZ6060A1	89	100	
		BAYHTRV125E		4TC*3030A1	81	90
				4TC*3036A1	82	90
				4TC*3042A1	81	90
				4TC*3048A1	83	90
				4TC*3060A1	88	90
			4TCY4030A1	84	90	
			4TCY4036A1	84	90	
			4TCY4036B1	84	90	
			4TCY4042A1	87	90	
			4TCY4042B1	87	90	
			4TCY4048A1	87	90	
			4TCY4048B1	87	90	
			4TCY4060A1	87	90	
	BAYHTRV130E			2WC*3030A1	95	100
				2WC*3036A1	102	110
			2WC*3042A1	103	110	
			2WC*3048A1	107	110	
			2WC*3060A1	119	125	
			4WC*3030A1	97	100	
			4WC*3036A1	104	110	
			4WC*3042A1	110	110	
			4WC*3048A1	109	110	
			4WC*3060A1	122	125	
			4WCY4030A1	97	100	
			4WCY4036A1	103	110	
			4WCY4036B1	103	110	
			4WCY4042A1	110	110	
		BAYHTRV135E		4WCY4048A1	112	125
			4WCY4048B1	114	125	
			4WCY4060A1	120	125	
			4WCY4060B1	118	125	
			4WCZ6036A1	104	110	
			4WCZ6048A1	112	125	
			4WCZ6060A1	115	125	
			4TC*3048A1	109	110	
			4TC*3060A1	114	125	
	4TCY4042A1		113	125		
	4TCY4042B1		113	125		
	4TCY4048A1		113	125		
	4TCY4048B1		113	125		
	4TCY4060A1		113	125		
BAYHTRV140E			2WC*3048A1	133	150	
		2WC*3060A1	145	150		
		4WC*3042A1	136	150		
		4WC*3048A1	135	150		
		4WC*3060A1	148	150		
		4WCY4042A1	136	150		
		4WCY4048A1	138	150		
		4WCY4048B1	140	150		
		4WCY4060A1	146	150		
		4WCY4060B1	144	150		
		4WCZ6048A1	138	150		
		4WCZ6060A1	141	150		
		4WC*3036A3	63	70		
	BAYHTRV145E		4WC*3048A3	69	70	
			4WC*3060A3	77	80	
		4WCY4036A3	65	70		
		4WCY4048A3	71	80		
		4WCY4060A3	76	80		
		4WCZ6036A3	64	70		
		4WCZ6048A3	70	70		
		4WCZ6060A3	75	80		
		4TC*3048A3	65	70		
		4TC*3060A3	70	70		
		4TCY4048A3	69	70		
		4TCY4060A3	69	70		
		4WC*3048A3	84	90		
BAYHTRV150E			4WC*3060A3	92	100	
			4WCY4048A3	86	90	
		4WCY4060A3	91	100		
		4WCZ6048A3	85	90		
		4WCZ6060A3	90	90		
		4WC*3060A3	62	70		
	BAYSPEK065E	BAYHTRV310E		4WCY4060A3	61	70
				4WCZ6060A3	60	70

INSTALLER OF THE SINGLE POWER ENTRY KIT MUST CHECK THE APPROPRIATE BOX ABOVE TO RECORD THE KIT, HEATER AND UNIT MODEL NUMBERS INSTALLED. POWER SUPPLY VOLTAGE TO UNIT AND HEATER MUST BE IDENTICAL. CHECK THE UNIT AND HEATER NAMEPLATES TO DETERMINE THE CORRECT POWER SUPPLY VOLTAGE. CHECK HEATER NAMEPLATE TO DETERMINE HEATER KW AND CURRENT RATING. MINIMUM INSTALLATION CLEARANCE TO COMBUSTIBLE MATERIAL WHEN ELECTRIC HEATERS ARE INSTALLED: UNIT CABINET-0" PLENUM-0" AND OUTLET DUCT-0". * INDICATES AN ALPHA CHARACTER IN THE FOURTH DIGIT OF THE UNIT MODEL.

PLACE ABOVE LABEL OVER "ELECTRIC HEATER INSTALLED" NAMEPLATE ON UNIT D932299P05

Indoor Blower Performance

Indoor Fan Performance 4WCY4024

Horizontal Airflow

4WCY4024A-HOR	DIPSWITCH SETTINGS				External Static Pressure (in. wg)											
AIRFLOW SETTING	1	2	3	4		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
350 CFM/TON	OFF	OFF	OFF	ON	Watts	52	66	89	115	140	164	186	206	229	259	-
					CFM	706	716	727	733	731	719	700	679	662	659	-
400 CFM/TON*	OFF	OFF	OFF	OFF	Watts	72	94	120	148	177	207	233	254	267	290	-
					CFM	786	793	805	813	813	806	793	780	778	799	-
450 CFM/TON	OFF	OFF	ON	OFF	Watts	80	99	125	153	182	211	243	284	342	-	-
					CFM	860	862	877	892	903	904	897	884	869	-	-

Down Airflow

4WCY4024-DOWN	DIPSWITCH SETTINGS				External Static Pressure (in. wg)											
AIRFLOW SETTING	1	2	3	4		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
350 CFM/TON	OFF	OFF	OFF	ON	Watts	35	70	90	108	131	160	188	204	225	250	-
					CFM	695	729	734	728	721	715	705	679	680	685	-
400 CFM/TON*	OFF	OFF	OFF	OFF	Watts	79	87	105	129	155	180	206	232	264	306	-
					CFM	846	807	802	810	816	813	803	794	800	846	-
450 CFM/TON	OFF	OFF	ON	OFF	Watts	86	102	127	156	185	213	242	275	319	-	-
					CFM	884	870	882	899	909	907	895	886	898	-	-

Indoor Fan Performance 4WCY4030

Horizontal Airflow

4WCY4030-HOR	DIPSWITCH SETTINGS				External Static Pressure (in. wg)											
AIRFLOW SETTING	1	2	3	4		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
350 CFM/TON	OFF	OFF	OFF	ON	Watts	-	110	148	176	203	232	264	293	311	-	-
					CFM	-	870	898	908	911	914	916	906	868	-	-
400 CFM/TON*	OFF	OFF	OFF	OFF	Watts	-	147	190	217	241	270	305	337	353	-	-
					CFM	-	980	1013	1013	1006	1005	1008	1002	957	-	-
450 CFM/TON	OFF	OFF	ON	OFF	Watts	-	205	247	276	305	339	375	403	-	-	-
					CFM	-	1121	1141	1139	1135	1138	1140	1122	-	-	-

Down Airflow

4WCY4030-DOWN	DIPSWITCH SETTINGS				External Static Pressure (in. wg)											
AIRFLOW SETTING	1	2	3	4		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
350 CFM/TON	OFF	OFF	OFF	ON	Watts	-	109	140	166	191	220	250	280	302	-	-
					CFM	-	850	871	873	867	858	850	840	822	-	-
400 CFM/TON*	OFF	OFF	OFF	OFF	Watts	-	145	179	207	233	261	291	319	341	-	-
					CFM	-	962	977	978	970	959	950	946	951	-	-
450 CFM/TON	OFF	OFF	ON	OFF	Watts	-	199	230	268	302	328	352	388	-	-	-
					CFM	-	1088	1096	1105	1107	1100	1089	1081	-	-	-

*Factory Default Setting

Indoor Blower Performance

Indoor Fan Performance 4WCY4036

Horizontal Airflow

4WCY4036-HOR	DIPSWITCH SETTINGS				External Static Pressure (in. wg)											
AIRFLOW SETTING	1	2	3	4		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
350 CFM/TON	OFF	OFF	OFF	ON	Watts	162	173	197	226	256	285	313	343	360	-	-
					CFM	1058	1062	1063	1063	1062	1060	1057	1053	1010	-	-
400 CFM/TON*	OFF	OFF	OFF	OFF	Watts	179	230	265	296	329	366	403	431	436	-	-
					CFM	1179	1196	1204	1206	1205	1203	1199	1194	1185	-	-
450 CFM/TON	OFF	OFF	ON	OFF	Watts	318	336	365	399	435	469	502	533	-	-	-
					CFM	1390	1376	1370	1366	1361	1354	1349	1351	-	-	-

Down Airflow

4WCY4036-DOWN	DIPSWITCH SETTINGS				External Static Pressure (in. wg)											
AIRFLOW SETTING	1	2	3	4		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
350 CFM/TON	OFF	OFF	OFF	ON	Watts	169	182	210	243	273	301	331	370	433	-	-
					CFM	1025	1062	1068	1063	1060	1061	1064	1055	1015	-	-
400 CFM/TON*	OFF	OFF	OFF	OFF	Watts	225	253	283	315	348	381	414	449	484	-	-
					CFM	1187	1201	1203	1201	1198	1197	1194	1184	1157	-	-
450 CFM/TON	OFF	OFF	ON	OFF	Watts	339	357	390	424	455	483	516	571	-	-	-
					CFM	1391	1377	1377	1375	1366	1352	1344	1360	-	-	-

Indoor Fan Performance 4WCY4042

Horizontal Airflow

4WCY4042-HOR	DIPSWITCH SETTINGS				External Static Pressure (in. wg)											
AIRFLOW SETTING	1	2	3	4		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
350 CFM/TON	OFF	OFF	OFF	ON	Watts	-	181	211	241	270	298	327	355	382	408	-
					CFM	-	1248	1250	1253	1254	1249	1240	1225	1209	1195	-
400 CFM/TON*	OFF	OFF	OFF	OFF	Watts	-	261	296	325	352	380	411	444	477	509	-
					CFM	-	1444	1448	1441	1429	1417	1407	1400	1394	1386	-
450 CFM/TON	OFF	OFF	ON	OFF	Watts	-	353	390	426	462	499	536	573	609	645	-
					CFM	-	1608	1611	1613	1613	1612	1608	1603	1597	1590	-

Down Airflow

4WCY4042-DOWN	DIPSWITCH SETTINGS				External Static Pressure (in. wg)											
AIRFLOW SETTING	1	2	3	4		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
350 CFM/TON	OFF	OFF	OFF	ON	Watts	-	195	229	258	283	308	335	362	390	415	-
					CFM	-	1240	1244	1245	1243	1238	1229	1217	1203	1189	-
400 CFM/TON*	OFF	OFF	OFF	OFF	Watts	-	289	312	341	371	402	432	461	491	523	-
					CFM	-	1433	1422	1415	1411	1405	1399	1392	1383	1377	-
450 CFM/TON	OFF	OFF	ON	OFF	Watts	-	385	422	457	491	527	563	600	636	670	-
					CFM	-	1604	1602	1600	1598	1596	1593	1590	1585	1578	-

*Factory Default Setting

Indoor Blower Performance

Indoor Fan Performance 4WCY4048

Horizontal Airflow

4WCY4048-HOR	DIPSWITCH SETTINGS				External Static Pressure (in. wg)											
AIRFLOW SETTING	1	2	3	4		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
350 CFM/TON	OFF	OFF	OFF	ON	Watts	187	232	264	291	318	347	379	413	446	472	-
					CFM	1355	1387	1396	1392	1382	1370	1360	1351	1341	1326	-
400 CFM/TON*	OFF	OFF	OFF	OFF	Watts	315	324	352	389	428	464	498	529	563	606	-
					CFM	1603	1581	1577	1580	1583	1583	1577	1567	1558	1556	-
450 CFM/TON	OFF	OFF	ON	OFF	Watts	301	431	507	552	584	615	651	694	739	779	-
					CFM	1752	1794	1812	1816	1812	1806	1800	1797	1793	1785	-

Down Airflow

4WCY4048-DOWN	DIPSWITCH SETTINGS				External Static Pressure (in. wg)											
AIRFLOW SETTING	1	2	3	4		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
350 CFM/TON	OFF	OFF	OFF	ON	Watts	208	254	284	312	343	379	414	437	460	490	-
					CFM	1337	1393	1398	1388	1383	1390	1399	1384	1380	1370	-
400 CFM/TON*	OFF	OFF	OFF	OFF	Watts	302	349	386	423	465	509	552	583	599	628	-
					CFM	1574	1580	1585	1589	1594	1598	1601	1597	1584	1556	-
450 CFM/TON	OFF	OFF	ON	OFF	Watts	501	523	555	592	631	672	714	760	800	845	-
					CFM	1847	1823	1817	1818	1820	1819	1817	1820	1815	1810	-

Indoor Fan Performance 4WCY4060

Horizontal Airflow

4WCY4060-HOR	DIPSWITCH SETTINGS				External Static Pressure (in. wg)											
AIRFLOW SETTING	1	2	3	4		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
350 CFM/TON	OFF	OFF	OFF	ON	Watts	394	427	464	504	548	591	633	668	-	-	-
					CFM	1673	1772	1799	1793	1779	1771	1767	1756	-	-	-
400 CFM/TON*	OFF	OFF	OFF	OFF	Watts	695	642	660	710	764	811	849	893	966	-	-
					CFM	2054	2036	2031	2032	2033	2031	2023	2012	2002	-	-

Down Airflow

4WCY4060-DOWN	DIPSWITCH SETTINGS				External Static Pressure (in. wg)											
AIRFLOW SETTING	1	2	3	4		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
350 CFM/TON	OFF	OFF	OFF	ON	Watts	443	461	493	532	571	607	642	680	-	-	-
					CFM	1796	1741	1726	1725	1722	1712	1698	1692	-	-	-
400 CFM/TON*	OFF	OFF	OFF	OFF	Watts	740	697	715	763	819	866	892	894	872	-	-
					CFM	2012	1987	1979	1977	1976	1969	1950	1913	1852	-	-

*Factory Default Setting

Indoor Blower Performance

4WCY4024 AIRFLOW WITH AUXILIARY HEAT (CFM)

SWITCH SETTINGS		SELECTION	NOMINAL AIRFLOW
7-OFF	8-OFF	LOW	700 CFM
7-ON	8-OFF	HIGH	800 CFM
7-OFF	8-ON	HIGH	800 CFM
7-ON	8-ON	HIGH	800 CFM

4WCY4030 AIRFLOW WITH AUXILIARY HEAT (CFM)

SWITCH SETTINGS		SELECTION	NOMINAL AIRFLOW
7-OFF	8-OFF	LOW	1050 CFM
7-ON	8-OFF	HIGH	1200 CFM
7-OFF	8-ON	HIGH	1200 CFM
7-ON	8-ON	HIGH	1200 CFM

4WCY4036 AIRFLOW WITH AUXILIARY HEAT (CFM)

SWITCH SETTINGS		SELECTION	NOMINAL AIRFLOW
7-OFF	8-OFF	LOW	1050 CFM
7-ON	8-OFF	HIGH	1200 CFM
7-OFF	8-ON	HIGH	1200 CFM
7-ON	8-ON	HIGH	1200 CFM

4WCY4042 AIRFLOW WITH AUXILIARY HEAT (CFM)

SWITCH SETTINGS		SELECTION	NOMINAL AIRFLOW
7-OFF	8-OFF	LOW	1400 CFM
7-ON	8-OFF	HIGH	1600 CFM
7-OFF	8-ON	HIGH	1600 CFM
7-ON	8-ON	HIGH	1600 CFM

4WCY4048 AIRFLOW WITH AUXILIARY HEAT (CFM)

SWITCH SETTINGS		SELECTION	NOMINAL AIRFLOW
7-OFF	8-OFF	LOW	1400 CFM
7-ON	8-OFF	HIGH	1600 CFM
7-OFF	8-ON	HIGH	1600 CFM
7-ON	8-ON	HIGH	1600 CFM

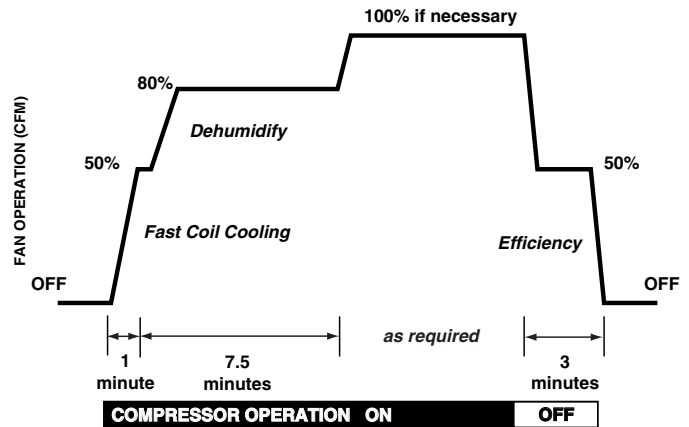
4WCY4060 AIRFLOW WITH AUXILIARY HEAT (CFM)

SWITCH SETTINGS		SELECTION	NOMINAL AIRFLOW
7-OFF	8-OFF	LOW	1400 CFM
7-ON	8-OFF	HIGH	1600 CFM
7-OFF	8-ON	HIGH	1600 CFM
7-ON	8-ON	HIGH	1600 CFM

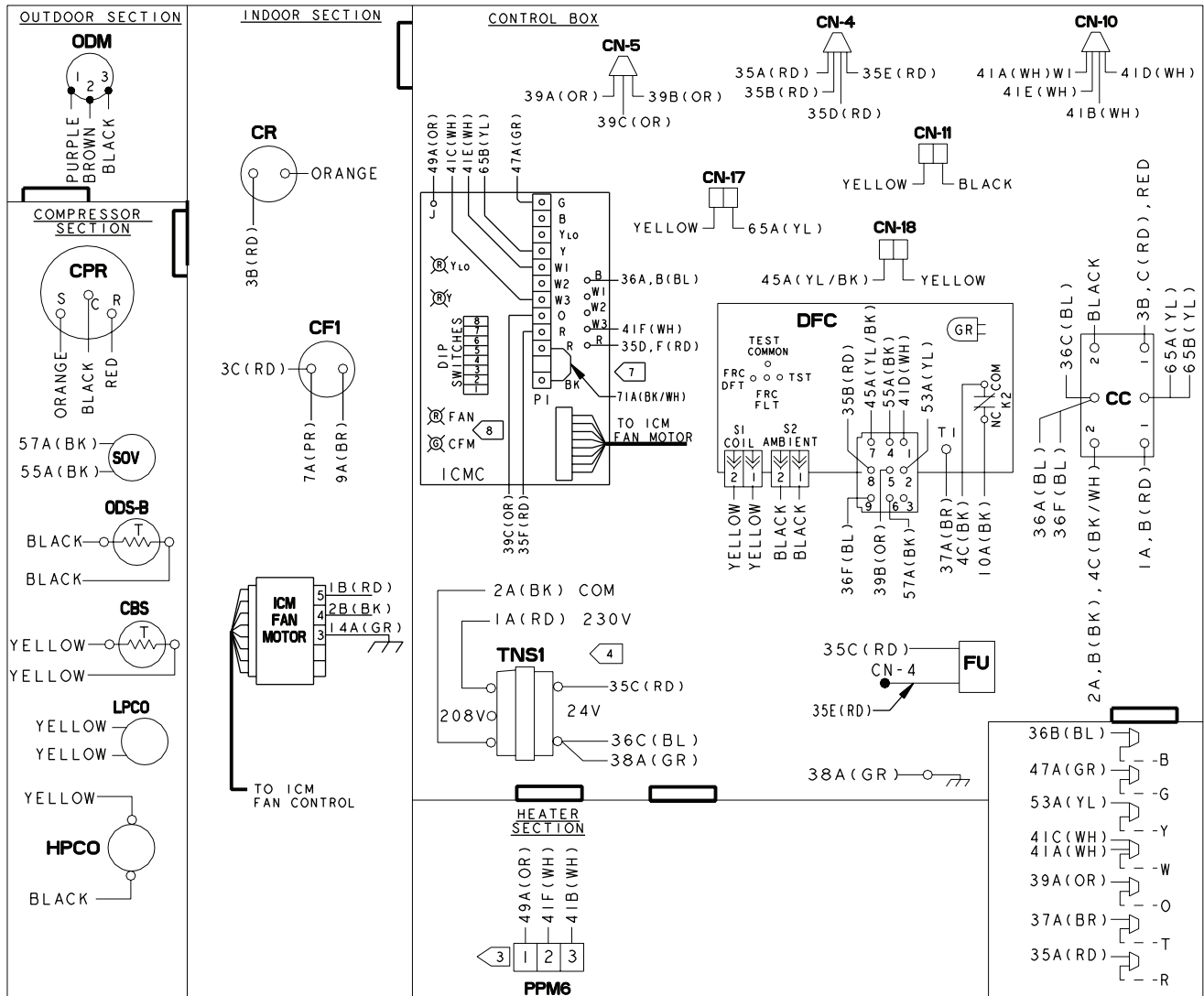
COOLING FAN DELAY OPTIONS

SWITCH SETTINGS		DELAY	NOMINAL AIRFLOW
5-OFF	6-OFF	NONE	100%
5-ON	6-OFF	45 SEC	100%
5-OFF	6-ON	90 SEC	50%
5-ON	6-ON	**	50-100%

** This ENHANCED MODE selection provides a ramping up and ramping down of the indoor blower speed to provide improved comfort, quietness, and potential energy savings. The Graph below shows the ramping process

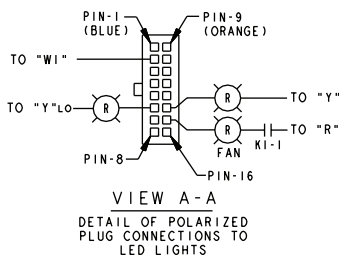


Typical Wiring



- NOTES:
- CONNECTIONS SHOWN ARE FOR A TYPICAL THERMOSTAT. SEE SCHEMATIC SUPPLIED WITH THERMOSTAT FOR PROPER CONNECTIONS. LOW VOLTAGE WIRING TO UNIT MAY BE NEC CLASS 2 AND MUST BE A MIN. OF 18 A.W.G.
 - MAXIMUM ADDITIONAL EXTERNAL LOAD (PILOT DUTY) BETWEEN "B" AND "R" OF 0.5 AMPS, 24 VAC IS AVAILABLE WHEN A HEATER IS INSTALLED.
 - SEE WIRING DIAGRAM WITH HEATER FOR DETAILS OF HEATER WIRING.
 - FOR 208 VOLT OPERATION MAKE THE FOLLOWING WIRING CHANGES:
A: REMOVE 1A(RD) WIRE FROM TNS1 AND CONNECT TO TNS1 AT 208V TERMINAL.
 - IF ANY OF THE ORIGINAL WIRE AS SUPPLIED IN THIS UNIT MUST BE REPLACED, REPLACE IT WITH APPLIANCE WIRING MATERIAL RATED AT 105°C.
 - "T" TERMINAL IS NOT CONNECTED WHEN AN ELECTRONIC THERMOSTAT IS USED.
 - IF OPTIONAL HUMIDISTAT ACCESSORY IS USED, ON THE ICMC BOARD CUT THE 71A(BK/WH) JUMPER AND CONNECT THE HUMIDISTAT BETWEEN TERMINALS. THE GREEN LED ON THE ICMC BOARD FLASHES ONCE PER HUNDRED CFM.
 - WHEN MECHANICAL THERMOSTATS ARE USED, DO NOT CONNECT THE "W" LEAD AT THERMOSTAT.

ABBR	COLOR	ABBR	COLOR
BK	BLACK	PR	PURPLE
BL	BLUE	RD	RED
BR	BROWN	WH	WHITE
GR	GREEN	YL	YELLOW
OR	ORANGE		



ICMC DIP SWITCH SETTINGS				COOLING/ HEAT PUMP/CFM	NOMINAL AIRFLOW
SW 1	SW 2	SW 3	SW 4		
OFF	OFF	OFF	ON	350 CFM/TON	
OFF	OFF	OFF	OFF	400 CFM/TON	
OFF	OFF	OFF	OFF	450 CFM/TON	**
ON	ON	OFF	OFF	RATED CFM/TON	
				FAN OFF-DELAY OPTIONS	
SW 5	SW 6			NONE	NOMINAL
ON	OFF			45 SECONDS	100% NOMINAL **
OFF	ON			90 SECONDS	50% NOMINAL
ON	ON			ENHANCED	ENHANCED
				ELECTRIC HEAT AIRFLOW	
SW 7	SW 8			350 CFM/TON	
ON	OFF			400 CFM/TON	**

** FACTORY SETTING.
AT CONTINUOUS FAN SETTING ("G" ONLY) AIRFLOW VALUES ARE APPROXIMATELY 50% OF LISTED VALUE.
THE HEAT PUMP FAN OFF-DELAY IS THE SAME AS THE COOLING MODE.

DEVICE	DESCRIPTION	LINE
AH, BH	CONTACTOR ELECTRIC HEAT	41, 42
CBS	COIL BOTTOM SENSOR	32
CC	COMPRESSOR CONTACTOR COIL	45
CF1	OUTDOOR FAN CAPACITOR	17
CF2	INDOOR MOTOR CAPACITOR	23
CN	CONNECTOR OR WIRE NUT	
CPR	COMPRESSOR	15
CR	COMPRESSOR RUN CAPACITOR	15
CS	COMPRESSOR START CAPACITOR	11
CSR	COMPRESSOR START RELAY COIL	11
DFC	DEFROST CONTROL	29-38
FDR	INDOOR FAN DELAY RELAY	41, 47
FTBA	FAN TERMINAL BLOCK	23-25
FU	FUSE	
IDM	INDOOR FAN MOTOR	24
IOL	INTERNAL OVERLOAD	
ODM	OUTDOOR FAN MOTOR	20
ODS	OUTDOOR AMBIENT SENSOR	35
PCB	PRINTED CIRCUIT BOARD	47-49
PPM6	HEATER PLUG (FEMALE)	41, 42
SOV	SWITCHOVER VALVE	38
TNS1	CONTROL POWER TRANSFORMER	28
LPCO	LOW PRESSURE SWITCH	44
HPCO	HIGH PRESSURE SWITCH	44

Typical Wiring

CAUTION-NOT SUITABLE FOR USE ON SYSTEMS EXCEEDING 150 VOLTS TO GROUND.
ATTENTION: NE CONVIENT PAS POUR LES INSTALLATIONS DE PLUS DE 150V. A TERRE.

UNIT FACTORY WIRED FOR 230V
SEE WIRING DIAGRAM NOTES FOR REQUIRED WIRING CHANGES WHEN INSTALLED ON A 208V POWER SUPPLY.

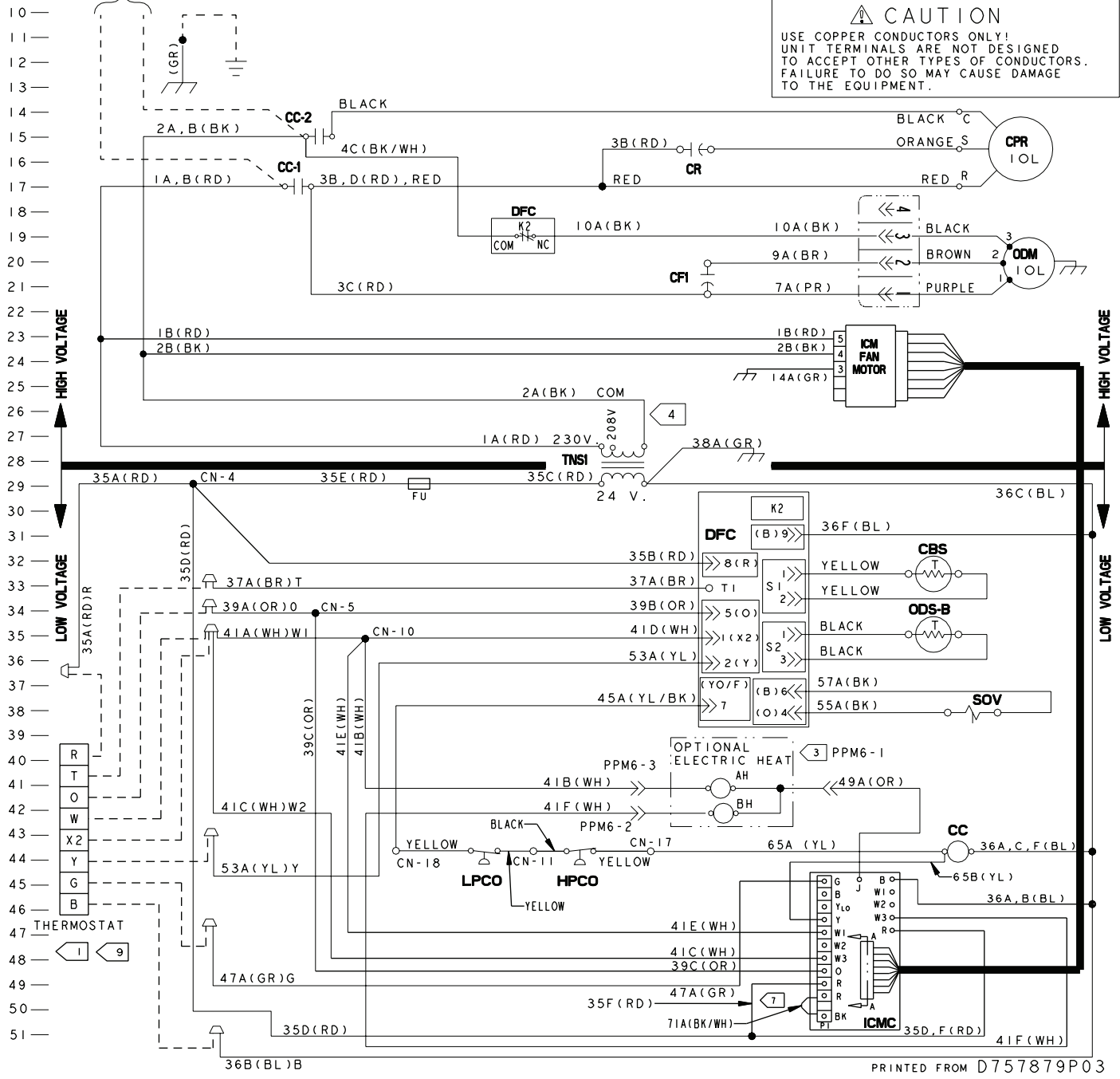
POWER SUPPLY PER LOCAL CODES
SEE NAMEPLATE FOR LINE VOLTAGE.

MODELS
4WCY4048B1

WARNING
HAZARDOUS VOLTAGE!
DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS BEFORE SERVICING.
FAILURE TO DISCONNECT POWER SUPPLY BEFORE SERVICING CAN CAUSE SEVERE PERSONAL INJURY OR DEATH.

AVERTISSEMENT
VOLTAGE HASARDEUX!
DECONNECTEZ TOUTES LES SOURCES ELECTRIQUES INCLUANT LES DISJONCTEURS SITUES A DISTANCE AVANT D'EFFECTUER L'ENTRETIEN. FAUTE DE DECONNECTER LA SOURCE ELECTRIQUE AVANT D'EFFECTUER L'ENTRETIEN PEUT ENTRAINER DES BLESSURES CORPORELLES SEVERES OU LA MORT.

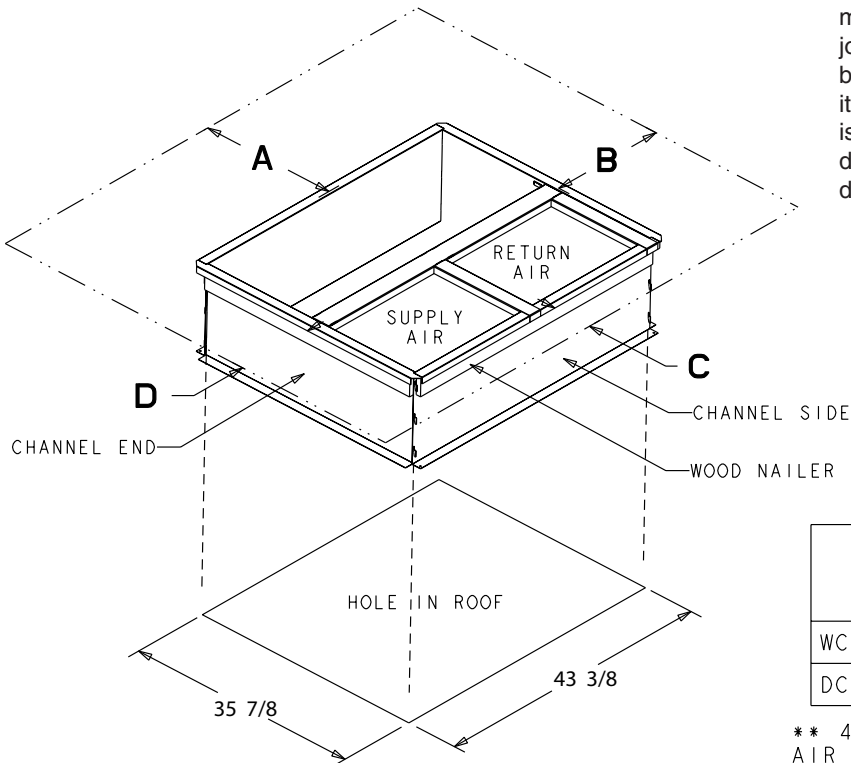
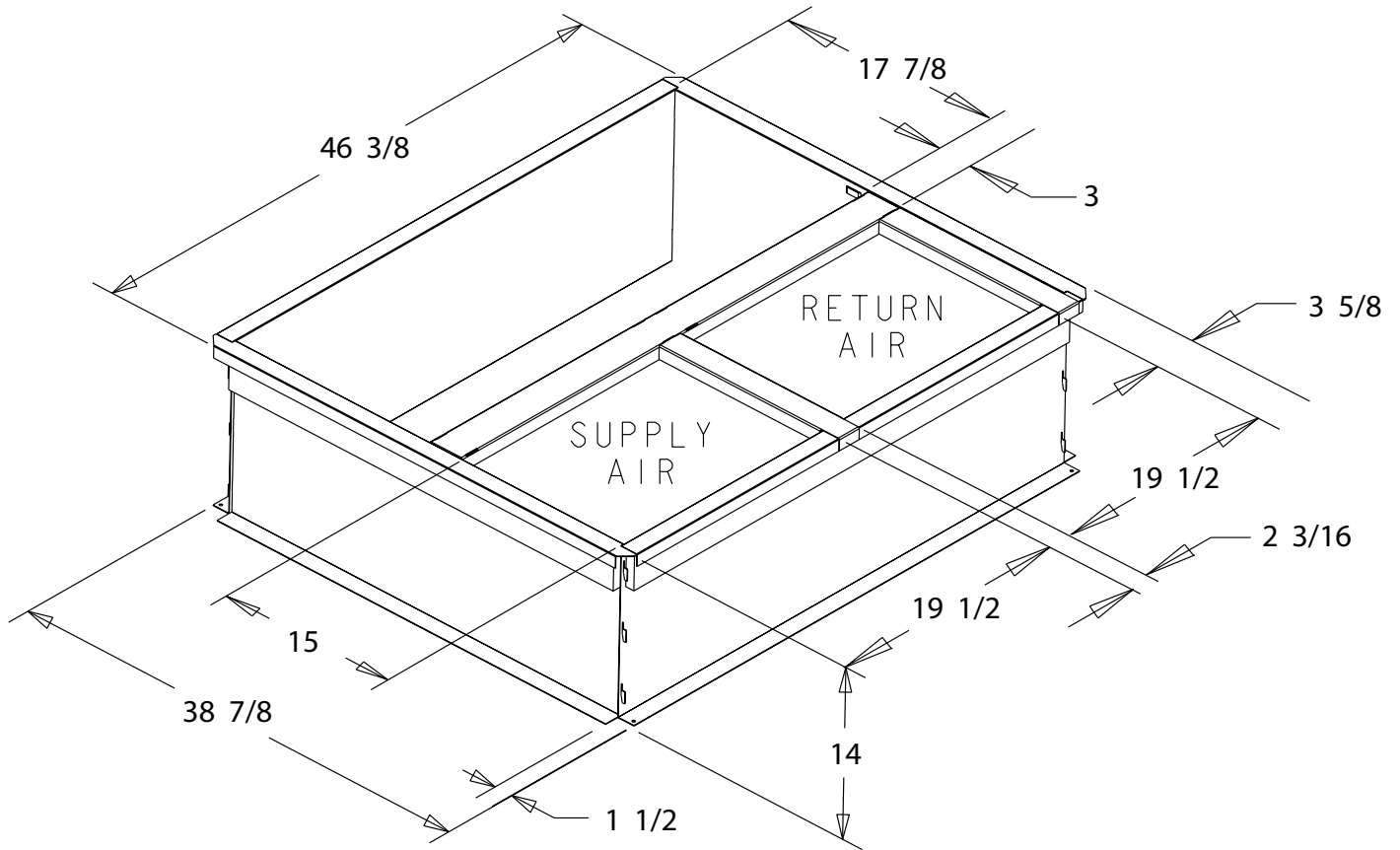
CAUTION
USE COPPER CONDUCTORS ONLY!
UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS.
FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT.



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Optional Equipment

BAYCURB050A FULL PERIMETER ROOF MOUNTING CURB FOR *****024-036



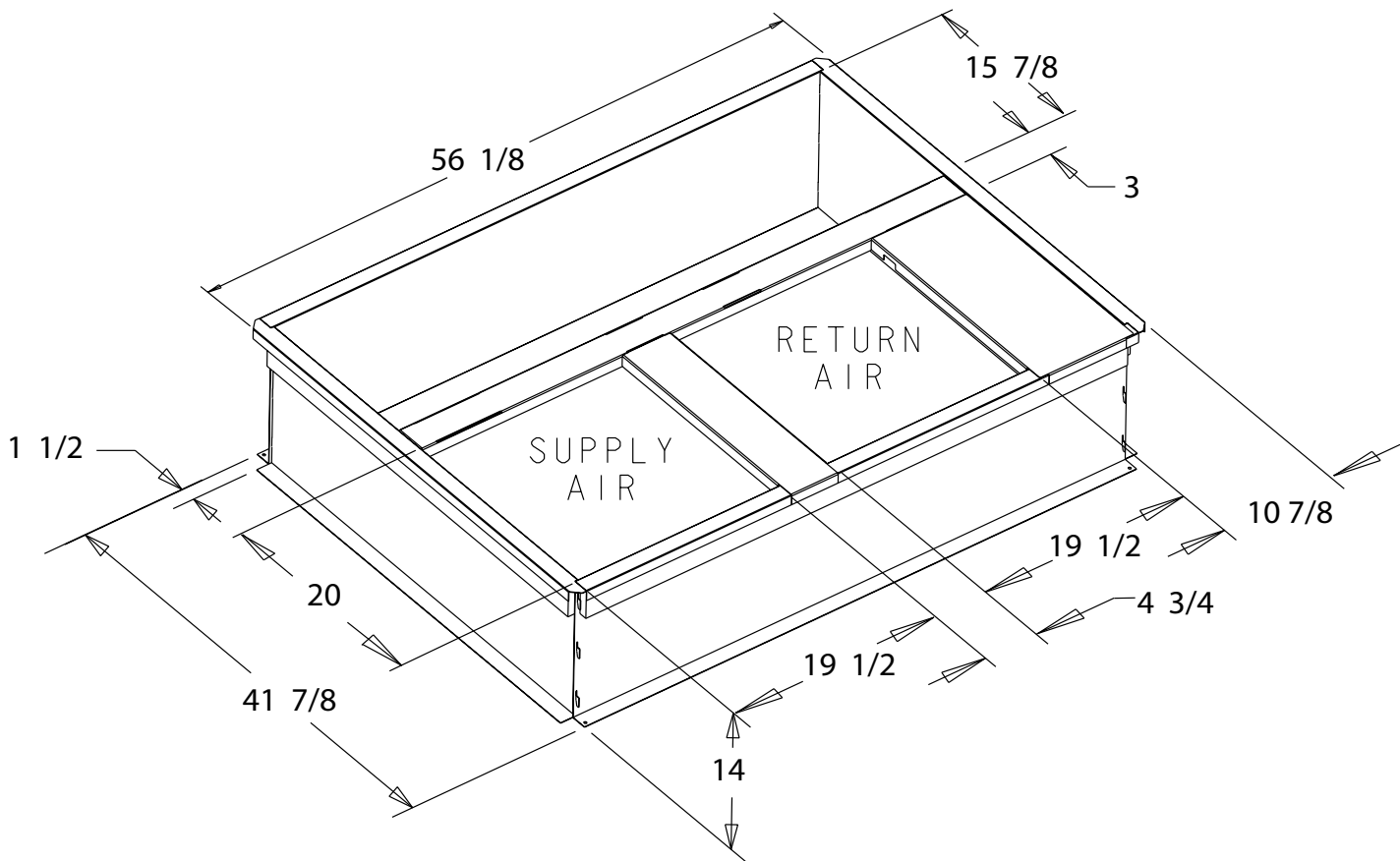
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	SERVICE CLEARANCE DIMENSIONS			
	A	B	C	D
WC*/TC*	42.00	36.00	12.00**	24.00
DC*/YC*	42.00	36.00	12.00**	36.00

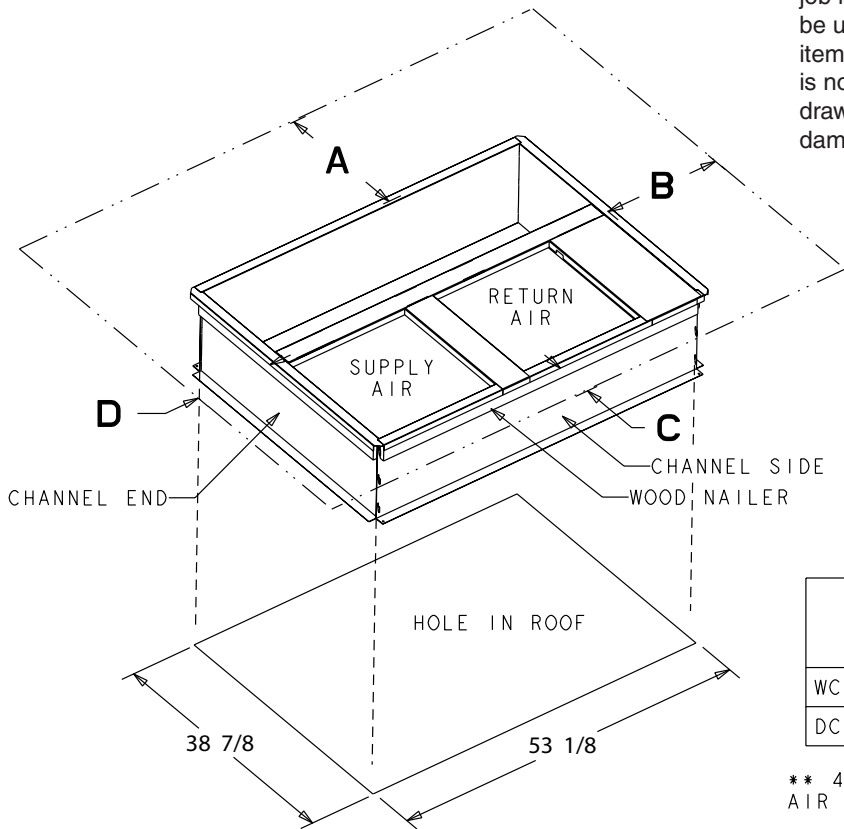
** 42.00 WITH ECONOMIZER WITH 25% FRESH AIR ACCESSORY

Optional Equipment

BAYCURB051A Full Perimeter Roof Mounting Curb for *****042-060



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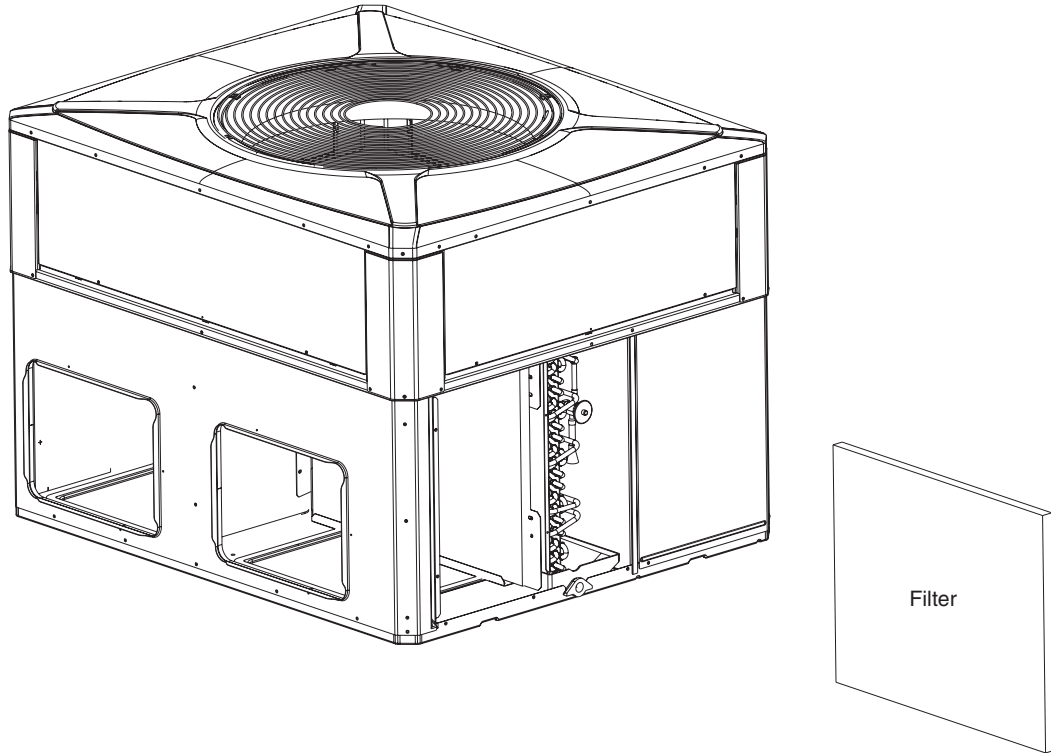


	SERVICE CLEARANCE DIMENSIONS			
	A	B	C	D
WC*/TC*	42.00	36.00	12.00**	24.00
DC*/YC*	42.00	36.00	12.00**	36.00

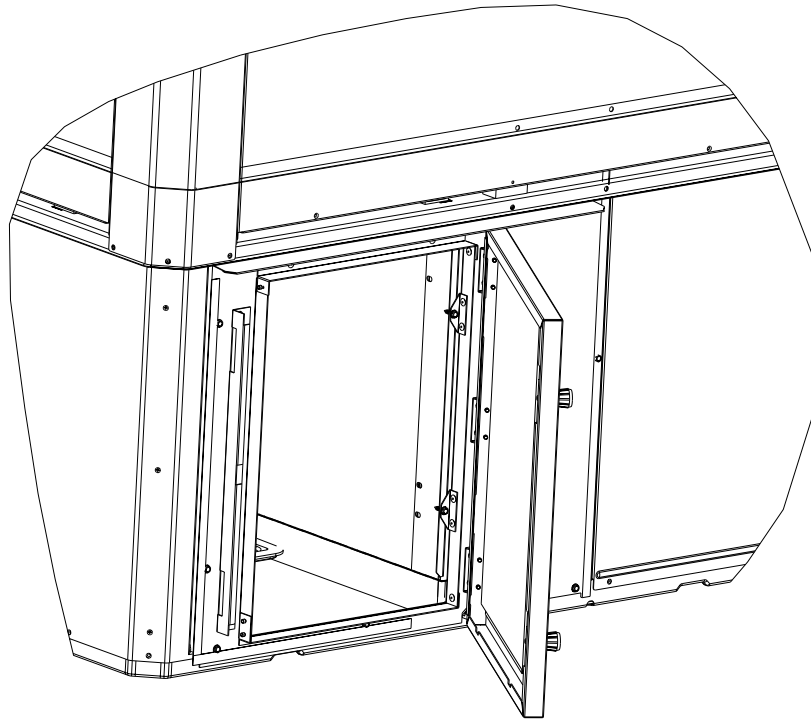
** 42.00 WITH ECONOMIZER WITH 25% FRESH AIR ACCESSORY

Optional Equipment

BAYFLTR101, 201B, 1" - 2" Filter Rack (Mounts in Filter/Coil Section)



BAYACCDOR1A & BAYACCDOR2A Hinged Filter Access Door Replaces Filter/Coil Access Panel



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