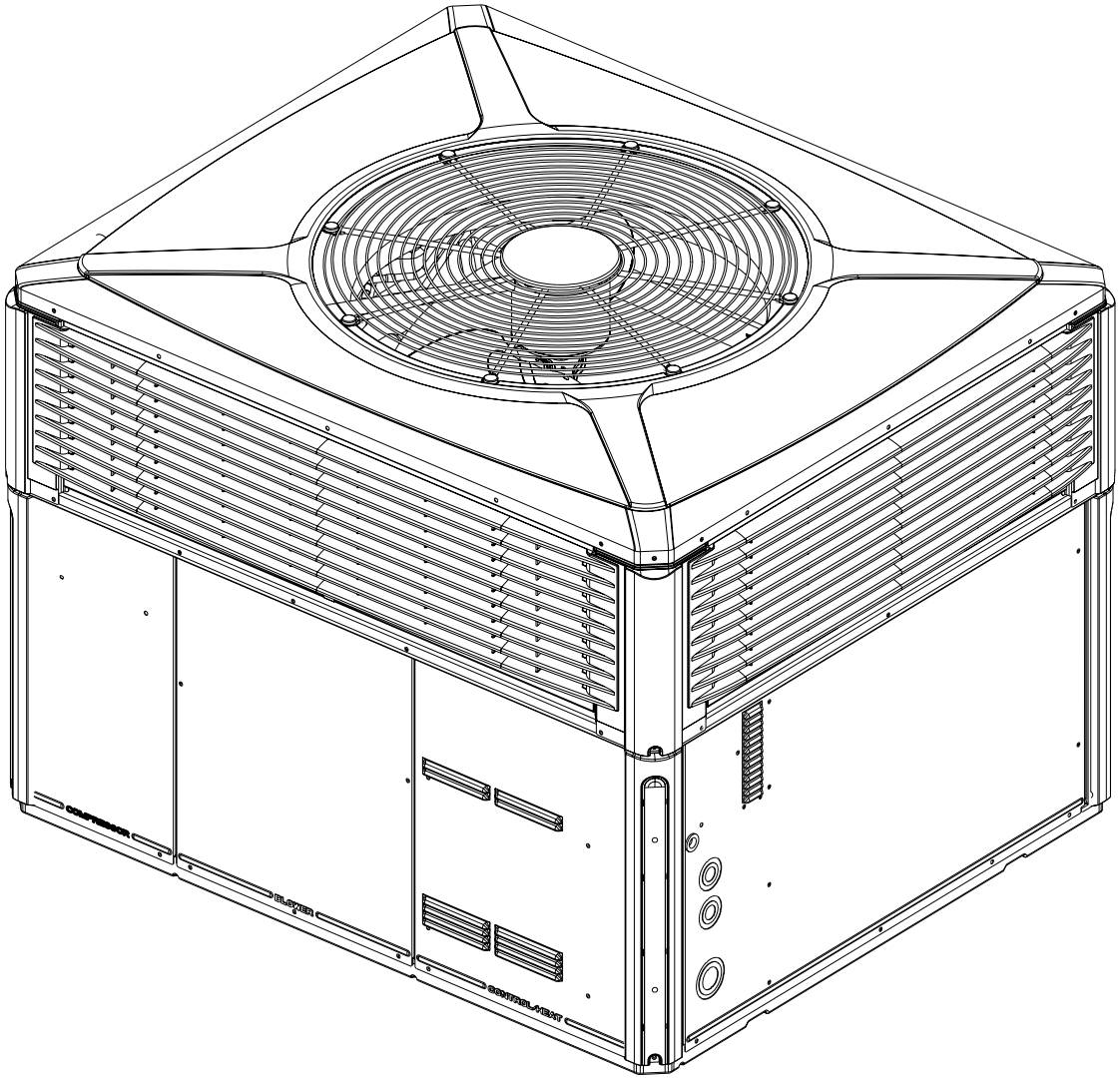
TRANE®

22-1789-06

Product Data

4WCY4024A through 4WCY4060A
Single Packaged Convertible Heat Pump
14 SEER
2 - 5 Ton
R-410A



Pub. No. 22-1789-06

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.

Contents

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 (4WCY4024-36A) ③ ..... BAYCURB050A[ ]
Roof Curb Full Perimeter (4WCY4042-060A) ③ ..... BAYCURB051A[ ]
Roof Curb Utility Extension Kit (BAYCURB050A) ..... BAYUTIL101B[ ]
Roof Curb Utility Extension Kit (BAYCURB051A) ..... BAYUTIL102B[ ]
0-25% Manual Fresh Air Damper (4WCY4024-36A) ①. ..... BAYOSAH001A[ ]
0-25% Manual Fresh Air Damper (4WCY4042-060A) ①. ..... BAYOSAH002A[ ]
Motorized Fresh Air Damper (4WCY4024-36A) ①. ..... BAYDMPR101A[ ]
Motorized Fresh Air Damper (4WCY4042-060A) ①. ..... BAYDMPR102A[ ]
16" Round Duct Adapter (2 per box) (4WCY4024-36A) ⑥ ..... BAYSQRD001A[ ]
18" Round Duct Adapter (2 per box) (4WCY4024-060A) ⑥ ..... BAYSQRD002A[ ]
0-100% Mod Economizer w/Baro. Relief (4WCY4024-36A) ①②④ ..... BAYECON101B[ ]
0-100% Mod. Economizer w/Baro. Relief (4WCY4042-060A) ①②④. ..... BAYECON102B[ ]
0-100% Horizontal Economizer (4WCY4024-36A) ①② . ..... BAYECON200A[ ]
0-100% Horizontal Economizer (4WCY4042-060A) ①② . ..... BAYECON201A[ ]
Enthalpy Control for Economizer (solid state). ..... BAYENTH001A[ ]
Remote Potentiometer (All-BAYECON***A) ..... BAYSTAT023[ ]
1"-2" Filter Frame (4WCY4024-36A) (20 x 25 filter not included) ①. ..... BAYFLTR101B[ ]
1"-2" Filter Frame (4WCY4042-060A) (20 x 25,20X18 filter not included) ①. ..... BAYFLTR201B[ ]
Head Pressure Control (Low Ambient Cool) (208/240v) Kit ⑤. ..... BAYLOAM105A[ ]
Quick Start Kit (4WCY4-A1) ..... BAYKSKT300A[ ]
Crankcase Heater Recip (4WCY4024A1 (230v) ⑤. ..... BAYCCHT101A[ ]
Crankcase Heater Scroll (4WCY4036-060A1/3)(230v) ⑤. ..... BAYCCHT102A[ ]
Adapter Curb 4WCY4024-36A to BAYCURB030,38 ..... BAYADAP050A[ ]
Adapter Curb 4WCY4024-36A to BAYCURB033 ..... BAYADAP051A[ ]
Adapter Curb 4WCY4042-060A to BAYCURB030,38 ..... BAYADAP052A[ ]
Adapter Curb 4WCY4042-060A to BAYCURB033 ..... BAYADAP053A[ ]
Adapter Curb 4WCY4042-060A to BAYCURB034 ..... BAYADAP054A[ ]
12" Duct Shroud Covers Horizontal 4WCY4024-060A⑦. ..... BAYCOVR112A[ ]
18" Duct Shroud Covers Horizontal 4WCY4024-060A 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) (4WCY4024-060A1) ..... BAYHTRV105E[ ]
3.76/5.0 KW Heater (208/240V 1PH) (4WCY4024-060A1) ..... BAYHTRV108E[ ]
7.50/10.0 KW Heater (208/240V 1PH) (4WCY4024-060A1) ..... BAYHTRV110E[ ]
11.27/15.00 KW Heater (208/240V 1PH) (4WCY4030-060A1) ..... BAYHTRV115E[ ]
15.0/20.0 KW Heater (208/240V 1PH) (*4WCY4042-060A1) ..... BAYHTRV120E[ ]
18.78/25.0 KW Heater (208/240V 1PH) (4WCY4042-060A1).... ..... BAYHTRV125E[ ]

SUPPLEMENTARY HEATERS (3 PHASE)

3.76/5.0 KW Heater (208/240V 3PH) (4WCY4036-060A3) ..... BAYHTRV305E[ ]
3.76/5.0 KW Heater (208/240V 3PH) (4WCY4036-060A3) ..... BAYHTRV308E[ ]
7.50/10.0 KW Heater (208/240V 3PH) (4WCY4024-48A3) ..... BAYHTRV310E[ ]
11.27/15.00 KW Heater (208/240V 3PH) (4WCY4036-060A3) ..... BAYHTRV315E[ ]
15.00/20.0 KW Heater (208/240V 3PH) (4WCY4048-060A3) ..... BAYHTRV320E[ ]
18.78/25.0 KW Heater (208/240V 3PH) (4WCY4048-060A3).... ..... BAYHTRV325E[ ]
Single Power Entry Kit ⑧ . ..... BAYSPEK060E[ ]
Single Power Entry Kit ⑧ . ..... BAYSPEK061E[ ]
Single Power Entry Kit ⑧ . ..... BAYSPEK062E[ ]
Single Power Entry Kit ⑧ . ..... BAYSPEK063E[ ]
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.

General Data

MODEL	4WCY4024A1000A	4WCY4030A1000A	4WCY4036A1000A
RATED Volts/PH/Hz	208-230/1/60	208-230/1/60	208-230/1/60
Performance Cooling BTUH①	23600	30000	36000
Indoor Airflow (CFM)	750	875	1200
Power Input (KW)	2.00	2.15	3.15
EER/SEER (BTU/Watt-Hr.)⑥	11.8 / 14	12.0 / 14.25	11.75 / 14.0
Sound Rating No.②	68	71	69
Performance Heating①			
(High Temp.)BTUH	22400	27600	34600
Power Input (KW)	1.77	2.15	2.9
(Low Temp.) BTUH	12100	15300	24800
Power Input (KW)	1.25	1.81	2.6
HSPF (BTU / Watt-Hr.)⑥	8	8.0	8.2
POWER CONN.—V/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60
Min. Brch. Cir. Ampacity③	16.1	19.2	24.6
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	15.4 / 83
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	15.49	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	3000	3250
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	4.0
REFRIGERANT	R410A	R410A	R410A
Charge (lbs.)	6.5	6.5625	7.4
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 ARI Standard 210/240.

② Calculated in accordance with A.R.I. Standard 270.

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	4WCY4036A3000A	4WCY4042A1000A	4WCY4048A1000A
RATED Volts/PH/Hz	208-230/3/60	208-230/1/60	208-230/1/60
Performance Cooling BTUH①	36000	42000	47000
Indoor Airflow (CFM)	1200	1400	1400
Power Input (KW)	3.15	3.27	3.97
EER/SEER (BTU/Watt-Hr.)⑥	11.75 / 14.0	12.0 / 14.25	11.75 / 14.0
Sound Rating No.②	69	74	73
Performance Heating①			
(High Temp.)BTUH	34600	40500	46000
Power Input (KW)	2.9	3.27	3.85
(Low Temp.) BTUH	24800	23600	27200
Power Input (KW)	2.6	3.06	3.44
HSPF (BTU / Watt-Hr.)⑥	8.2	8.0	8.0
POWER CONN.—V/Ph/Hz	208-230/3/60	208-230/1/60	208-230/1/60
Min. Brch. Cir. Ampacity③	19.8	31.5	33.9
Fuse Size — Max. (amps)	30	50	50
Fuse Size — Recmd. (amps)	30	50	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	11.5 / 77	18.6 / 105	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	23.57	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	4400	4400
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	7.25	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

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

② Calculated in accordance with A.R.I. Standard 270.

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	4WCY4048A3000A	4WCY4060A1000A	4WCY4060A3000A
RATED Volts/PH/Hz	208-230/3/60	208-230/1/60	208-230/3/60
Performance Cooling BTUH①	47000	58000	58000
Indoor Airflow (CFM)	1400	1800	1800
Power Input (KW)	3.97	4.95	4.95
EER/SEER (BTU/Watt-Hr.)⑥	11.75 / 14.0	11.5 / 14.0	11.5 / 14.0
Sound Rating No.②	73	76	76
Performance Heating①			
(High Temp.)BTUH	46000	57000	57000
Power Input (KW)	3.74	4.77	4.77
(Low Temp.) BTUH	27200	37600	37600
Power Input (KW)	3.44	4.29	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. Ampacity③	26.4	42.3	30.6
Fuse Size — Max. (amps)	40	60	45
Fuse Size — Recmd. (amps)	40	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	14.6 / 91	26.9 / 145	17.6 / 123
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	23.07
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	4400	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	10.125	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 Calculated in accordance with A.R.I. Standard 270.

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. 4WCY4024A to 4WCY4060A 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*3018-060A1 ^W/TCY4024-060A1 ^WCZ6036-060A1	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*3018-060A1 ^W/TCY4024-060A1 ^WCZ6036-060A1	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*3024-060A1 ^W/TCY4024-060A1 ^WCZ6036-060A1	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*3030-060A1 ^W/TCY4030-060A1 ^WCZ6036-060A1	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*3048-060A1 ^W/TCY4042-060A1 ^WCZ6048-060A1	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
^W/TC*3060A1 ^W/TCY4042-060A1 ^WCZ6048-060A1	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*3036-060A3 ^W/TCY4036-060A3 ^WCZ6036-060A3	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*3036-060A3 ^W/TCY4036-060A3 ^WCZ6036-060A3	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*3036-060A3 ^W/TCY4036-060A3 ^WCZ6036-060A3	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*3036-060A3 ^W/TCY4036-060A3 ^WCZ6036-060A3	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*3048-060A3 ^W/TCY4048-060A3 ^WCZ6048-060A3	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*3060A3 ^W/TCY4048-060A3 ^WCZ6048-060A3	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*3036-060A4 ^WCZ6036-060A4	BAYHTRV405E	480	3	6	5.0	17100	1	5.0		8	15	15
^W/TC*3036-060A4 ^WCZ6036-060A4	BAYHTRV408E	480	3	10	8.0	27300	1	8.0		13	15	15
^W/TC*3036-060A4 ^WCZ6036-060A4	BAYHTRV410E	480	3	12	10.0	34100	1	10.0		15	15	15
^W/TC*3036-060A4 ^WCZ6036-060A4	BAYHTRV415E	480	3	18	15.0	51200	2	10.0	5.0	23	25	25
^W/TC*3048-060A4 ^WCZ6048-060A4	BAYHTRV420E	480	3	24	20.0	68300	2	10.0	10.0	30	30	30
^W/TC*3060A4 ^WCZ6048-060A4	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.

Single Power Entry Kit Data

Table 2. BAYSPEK060C Ampacity and Max Fusing/Circuit Breakers

SINGLE POWER ENTRY KIT	HEATER MODEL	UNIT MODEL	MIN CKT. AMP.	MAX OVER CURRENT PROTECT DEVICE
BAYSPEK060E	BAYHTRVI05E	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
		4TCY4042AI	35	50
		4TCY4048AI	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*3036AI	52	60
		4WCY4024AI	42	45
		4WCY4030AI	45	50
		4WCY4036AI	51	60
		4WCZ6036AI	52	60
	BAYHTRVI08E	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
		4TCY4042AI	50	60
		4TCY4048AI	50	60
		4TCY4060AI	50	60
		2WC*3024AI	54	60
		2WC*3030AI	59	60
		4WC*3018AI	52	60
		4WCY4024AI	58	60
	BAYHTRVI10E	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

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.

D932299P01

Table 3. BAYSPEK061C 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*3036A3	18	30
		4TC*3048A3	24	35
		4TC*3060A3	32	45
		4TCY4036A3	20	30
		4TCY4048A3	26	40
		4TCY4060A3	31	45
		4WC*3036A3	33	40
		4WC*3048A3	39	50
		4WC*3060A3	47	60
		4WCY4036A3	35	40
		4WCY4048A3	41	50
		4WCY4060A3	46	60
		4WCZ6036A3	34	40
		4WCZ6048A3	40	50
		4WCZ6060A3	45	60
	BAYHTRV308E	4TC*3036A3	27	30
		4TC*3048A3	29	35
		4TC*3060A3	34	45
		4TCY4036A3	29	30
		4TCY4048A3	33	40
		4TCY4060A3	33	45
		4WC*3036A3	42	45
		4WC*3048A3	48	50
		4WC*3060A3	56	60
		4WCY4036A3	44	50
		4WCY4048A3	50	60
		4WCY4060A3	55	60
		4WCZ6036A3	43	45
		4WCZ6048A3	49	50
		4WCZ6060A3	54	60
	BAYHTRV310E	4TC*3036A3	33	35
		4TC*3048A3	35	35
		4TC*3060A3	40	45
		4TCY4036A3	35	35
		4TCY4048A3	39	40
		4TCY4060A3	39	45
		4WC*3036A3	48	50
		4WC*3048A3	54	60
		4WCY4036A3	50	50
		4WCY4048A3	56	60
		4WCZ6036A3	49	50
		4WCZ6048A3	55	60
	BAYHTRV315E	4TC*3036A3	48	50
		4TC*3048A3	50	50
		4TC*3060A3	55	60
		4TCY4036A3	50	50
		4TCY4048A3	54	60
		4TCY4060A3	54	60

SINGLE POWER ENTRY KIT	HEATER MODEL	UNIT MODEL	MIN CKT. AMP.	MAX OVER CURRENT PROTECT DEVICE
BAYSPEK061E	BAYHTRV405E	4TC*3036A4	10	15
		4TC*3048A4	12	15
		4TC*3060A4	20	25
		4WC*3036A4	16	20
		4WC*3048A4	19	25
		4WC*3060A4	27	30
		4WCZ6036A4	18	20
		4WCZ6048A4	23	25
		4WCZ6060A4	27	30
	BAYHTRV408E	4TC*3036A4	14	15
		4TC*3048A4	15	15
		4TC*3060A4	22	25
		4WC*3036A4	21	25
		4WC*3048A4	24	25
		4WC*3060A4	32	35
		4WCZ6036A4	22	25
		4WCZ6048A4	27	30
		4WCZ6060A4	31	35
	BAYHTRV410E	4TC*3036A4	17	20
		4TC*3048A4	18	20
		4TC*3060A4	25	25
		4WC*3036A4	24	25
		4WC*3048A4	27	30
		4WC*3060A4	35	40
		4WCZ6036A4	25	25
		4WCZ6048A4	30	30
		4WCZ6060A4	34	40
	BAYHTRV415E	4TC*3036A4	25	25
		4TC*3048A4	25	25
		4TC*3060A4	32	35
		4WC*3036A4	31	35
		4WC*3048A4	34	35
		4WC*3060A4	42	45
		4WCZ6036A4	33	35
		4WCZ6048A4	38	40
		4WCZ6060A4	42	45
	BAYHTRV420E	4TC*3048A4	33	35
		4TC*3060A4	40	40
		4WC*3048A4	42	45
		4WC*3060A4	50	50
		4WCZ6048A4	45	45
		4WCZ6060A4	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 COMBUSTBLE 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. BAYSPEK062C,63C,64C & 65C Ampacity and Max Fusing/Circuit Breakers

SINGLE POWER ENTRY KIT	HEATER MODEL	UNIT MODEL	MIN CKT. AMP.	MAX OVER CURRENT PROTECT DEVICE
BAYSPEK062E	BAYHTRV105E	4TC*3060AI	44	70
		2WC*3060AI	67	80
		4WC*3048AI	57	70
		4WC*3060AI	70	90
		4WCY4042AI	58	70
		4WCY4048AI	60	70
		4WCY4060AI	68	90
		4WCZ6048AI	60	70
		4WCZ6060AI	63	80
	BAYHTRV108E	4TC*3060AI	51	70
		2WC*3036AI	66	70
		2WC*3042AI	66	70
		2WC*3048AI	70	80
		2WC*3060AI	82	90
		4WC*3036AI	67	70
		4WC*3048AI	73	80
		4WC*3060AI	85	100
		4WCY4030AI	61	70
		4WCY4036AI	66	70
		4WCY4042AI	73	80
		4WCY4048AI	76	80
		4WCY4060AI	84	100
		4WCZ6036AI	68	70
		4WCZ6048AI	76	80
		4WCZ6060AI	79	90
	BAYHTRV110E	4TC*3060AI	62	70
		4TCY4042AI	61	70
		4TCY4048AI	61	70
		4TCY4060AI	61	70
		2WC*3024AI	65	70
		2WC*3030AI	69	70
		2WC*3036AI	76	80
		2WC*3042AI	77	80
		2WC*3048AI	81	90
		2WC*3060AI	93	100
		4WC*3036AI	78	80
		4WC*3048AI	83	90
		4WC*3060AI	96	110
		4WCY4024AI	68	70
		4WCY4030AI	71	80
		4WCY4036AI	77	80
		4WCY4042AI	84	90
		4WCY4048AI	86	90
		4WCY4060AI	94	110
		4WCZ6036AI	78	80
		4WCZ6048AI	86	90
		4WCZ6060AI	89	100
BAYSPEK063E	BAYHTRV115E	4TC*3030AI	81	90
		4TC*3036AI	82	90
		4TC*3042AI	81	90
		4TC*3048AI	83	90
		4TC*3060AI	88	90
		4TCY4030AI	84	90
		4TCY4036AI	84	90
		4TCY4042AI	87	90
		4TCY4048AI	87	90
		4TCY4060AI	87	90
		2WC*3030AI	95	100

SINGLE POWER ENTRY KIT	HEATER MODEL	UNIT MODEL	MIN CKT. AMP.	MAX OVER CURRENT PROTECT DEVICE
BAYSPEK063E	BAYHTRV115E	2WC*3036AI	102	110
		2WC*3042AI	103	110
		2WC*3048AI	107	110
		2WC*3060AI	119	125
		4WC*3036AI	104	110
		4WC*3048AI	109	110
		4WC*3060AI	122	125
		4WCY4030AI	97	100
		4WCY4036AI	103	110
		4WCY4042AI	110	110
		4WCY4048AI	112	125
		4WCY4060AI	120	125
		4WCZ6036AI	104	110
		4WCZ6048AI	112	125
		4WCZ6060AI	115	125
	BAYHTRV120E	4TC*3048AI	109	110
		4TC*3060AI	114	125
		4TCY4042AI	113	125
		4TCY4048AI	113	125
		4TCY4060AI	113	125
		2WC*3048AI	133	150
		2WC*3060AI	145	150
		4WC*3048AI	135	150
		4WC*3060AI	148	150
		4WCY4042AI	136	150
		4WCY4048AI	138	150
		4WCY4060AI	146	150
		4WCZ6048AI	138	150
		4WCZ6060AI	141	150
BAYSPEK064E	BAYHTRV315E	4WC*3036A3	63	70
		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
	BAYHTRV320E	4TC*3048A3	65	70
		4TC*3060A3	70	70
		4TCY4048A3	69	70
		4TCY4060A3	69	70
		4WC*3048A3	84	90
		4WC*3060A3	92	100
		4WCY4048A3	86	90
		4WCY4060A3	91	100
		4WCZ6048A3	85	90
		4WCZ6060A3	90	90
BAYSPEK065E	BAYHTRV310E	4WC*3060A3	62	70
		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.

D932299P03

Performance Data Cooling

4WCY4024A1 AT 800 NOM CFM (COOLING PERFORMANCE AT INDOOR DRY BULB TEMPERATURES)

OD AMB	ID WB	TOT CAP	SENS CAP AT ENTERING DB TEMP 72	75	78	80	TOTAL KW
85	59	23.3	19.3	21.6	23.3	23.3	1.8
	63	24.3	15.7	18.1	20.4	21.9	1.8
	67	26.2	12.5	14.9	17.2	18.7	1.8
	71	28.3	9.3	11.6	14.0	15.5	1.8
95	59	21.3	18.3	20.6	21.3	21.3	2.0
	63	22.2	14.8	17.2	19.5	21.0	2.0
	67	23.9	11.7	14.0	16.3	17.8	2.0
	71	25.8	8.4	10.8	13.1	14.6	2.0
105	59	19.2	17.4	19.2	19.2	19.2	2.1
	63	20.0	14.0	16.3	18.6	20.0	2.1
	67	21.6	10.8	13.1	15.4	17.0	2.2
	71	23.3	7.6	9.9	12.2	13.8	2.2
115	59	17.1	16.5	17.1	17.1	17.1	2.3
	63	17.8	13.1	15.4	17.8	17.8	2.3
	67	19.2	10.0	12.3	14.6	16.1	2.3
	71	20.8	6.8	9.1	11.4	12.9	2.3

USE THE FOLLOWING FACTORS TO COMPENSATE FOR DIFFERENT AIR FLOW

	AIR FLOW RATE, CFM	CAPACITY MULTIPLIER	TOTAL POWER MULTIPLIER
LOW	700	0.97	0.98
HIGH	900	1.03	1.02

ARI RATING FOR COOLING

CFM	CAPACITY (A) TEST	SEER	EER
750	23600	14.00	11.80

ARI Standard Capacity Rating Conditions

ARI STANDARD 210/240 RATING CONDITIONS — (A) Cooling 80°F DB, 67°F WB air entering indoor coil, 95°F DB air entering outdoor coil. (B) High Temperature Heating 47°F DB, 43°F WB air entering outdoor coil, 70°F DB air entering indoor coil. (C) Low Temperature Heating 17°F DB ,15°F WB air entering outdoor coil, 70°F DB air entering indoor coil. (D) Rated indoor airflow for heating is the same as for cooling.

4WCY4030A1 AT 1000 NOM CFM (COOLING PERFORMANCE AT INDOOR DRY BULB TEMPERATURES)

OD AMB	ID WB	TOT CAP	SENS CAP AT ENTERING DB TEMP 72	75	78	80	TOTAL KW
85	59	30.1	25.0	28.0	30.1	30.1	2.3
	63	31.4	20.4	23.4	26.4	28.5	2.3
	67	33.8	16.2	19.2	22.2	24.3	2.3
	71	36.5	12.0	15.0	18.0	20.1	2.3
95	59	27.5	23.8	26.8	27.5	27.5	2.5
	63	28.7	19.3	22.3	25.3	27.3	2.5
	67	30.9	15.1	18.1	21.1	23.1	2.5
	71	33.3	10.9	13.9	16.9	18.9	2.5
105	59	24.9	22.7	24.9	24.9	24.9	2.7
	63	26.0	18.2	21.2	24.2	26.0	2.7
	67	28.0	14.0	17.0	20.0	22.1	2.7
	71	30.2	9.8	12.8	15.9	17.9	2.7
115	59	22.3	21.5	22.3	22.3	22.3	2.8
	63	23.2	17.1	20.1	23.2	23.2	2.9
	67	25.0	12.9	16.0	19.0	21.0	2.9
	71	27.0	8.7	11.8	14.8	16.9	2.9

USE THE FOLLOWING FACTORS TO COMPENSATE FOR DIFFERENT AIR FLOW

	AIR FLOW RATE, CFM	CAPACITY MULTIPLIER	TOTAL POWER MULTIPLIER
LOW	875	0.97	0.98
HIGH	1125	1.03	1.02

ARI RATING FOR COOLING

CFM	CAPACITY (A) TEST	SEER	EER
860	30000	14.25	12.00

ARI Standard Capacity Rating Conditions

ARI STANDARD 210/240 RATING CONDITIONS — (A) Cooling 80°F DB, 67°F WB air entering indoor coil, 95°F DB air entering outdoor coil. (B) High Temperature Heating 47°F DB, 43°F WB air entering outdoor coil, 70°F DB air entering indoor coil. (C) Low Temperature Heating 17°F DB, 15°F WB air entering outdoor coil, 70°F DB air entering indoor coil. (D) Rated indoor airflow for heating is the same as for cooling.

4WCY4036A1/3 AT 1200 NOM CFM (COOLING PERFORMANCE AT INDOOR DRY BULB TEMPERATURES)

OD AMB	ID WB	TOT CAP	SENS CAP AT ENTERING DB TEMP 72	75	78	80	TOTAL KW
85	59	34.4	28.9	32.5	34.4	34.4	2.7
	63	35.9	23.4	27.0	30.6	33.0	2.7
	67	38.7	18.4	22.0	25.7	28.0	2.7
	71	41.8	13.5	17.0	20.6	23.0	2.7
95	59	32.0	27.8	31.4	32.0	32.0	3.0
	63	33.4	22.4	26.0	29.6	32.0	3.0
	67	36.0	17.4	21.0	24.6	27.0	3.1
	71	38.9	12.4	16.0	19.6	22.0	3.1
105	59	29.6	26.8	29.6	29.6	29.6	3.3
	63	30.9	21.4	25.0	28.6	30.9	3.3
	67	33.3	16.4	20.0	23.6	26.0	3.4
	71	36.0	11.4	15.0	18.7	21.0	3.4
115	59	27.2	25.7	27.2	27.2	27.2	3.6
	63	28.4	20.4	24.0	27.6	28.4	3.7
	67	30.6	15.5	19.0	22.6	25.0	3.7
	71	33.1	10.5	14.1	17.7	20.1	3.7

USE THE FOLLOWING FACTORS TO COMPENSATE FOR DIFFERENT AIR FLOW

	AIR FLOW RATE, CFM	CAPACITY MULTIPLIER	TOTAL POWER MULTIPLIER
LOW	1050	0.97	0.98
HIGH	1350	1.03	1.02

ARI RATING FOR COOLING

CFM	CAPACITY (A) TEST	SEER	EER
1200	36000	14.00	11.75

ARI Standard Capacity Rating Conditions

ARI STANDARD 210/240 RATING CONDITIONS — (A) Cooling 80°F DB, 67°F WB air entering indoor coil, 95°F DB air entering outdoor coil. (B) High Temperature Heating 47°F DB, 43°F WB air entering outdoor coil, 70°F DB air entering indoor coil. (C) Low Temperature Heating 17°F DB ,15°F WB air entering outdoor coil, 70°F DB air entering indoor coil. (D) Rated indoor airflow for heating is the same as for cooling.

4WCY4042A1 AT 1400 NOM CFM (COOLING PERFORMANCE AT INDOOR DRY BULB TEMPERATURES)

OD AMB	ID WB	TOT CAP	SENS CAP AT ENTERING DB TEMP 72	75	78	80	TOTAL KW
85	59	40.0	33.3	37.3	40.0	40.0	3.1
	63	41.7	27.1	31.2	35.2	38.0	3.1
	67	45.0	21.4	25.5	29.6	32.3	3.2
	71	48.5	15.7	19.8	23.9	26.6	3.2
95	59	37.4	32.1	36.2	37.4	37.4	3.4
	63	39.0	25.9	30.1	34.1	36.9	3.4
	67	42.1	20.3	24.4	28.5	31.2	3.5
	71	45.4	14.6	18.7	22.8	25.5	3.5
105	59	34.8	30.9	34.8	34.8	34.8	3.8
	63	36.3	24.9	28.9	33.0	35.8	3.8
	67	39.2	19.2	23.3	27.4	30.1	3.9
	71	42.3	13.5	17.7	21.8	24.5	3.9
115	59	32.3	29.8	32.3	32.3	32.3	4.1
	63	33.6	23.8	27.9	32.0	33.6	4.1
	67	36.2	18.1	22.3	26.4	29.1	4.2
	71	39.1	12.5	16.6	20.7	23.4	4.2

USE THE FOLLOWING FACTORS TO COMPENSATE FOR DIFFERENT AIR FLOW

	AIR FLOW RATE, CFM	CAPACITY MULTIPLIER	TOTAL POWER MULTIPLIER
LOW	1225	0.97	0.98
HIGH	1575	1.03	1.02

ARI RATING FOR COOLING

CFM	CAPACITY (A) TEST	SEER	EER
1390	42000	14.25	12.00

ARI Standard Capacity Rating Conditions

ARI STANDARD 210/240 RATING CONDITIONS — (A) Cooling 80°F DB, 67°F WB air entering indoor coil, 95°F DB air entering outdoor coil. (B) High Temperature Heating 47°F DB, 43°F WB air entering outdoor coil, 70°F DB air entering indoor coil. (C) Low Temperature Heating 17°F DB, 15°F WB air entering outdoor coil, 70°F DB air entering indoor coil. (D) Rated indoor airflow for heating is the same as for cooling.

4WCY4048A1/3 AT 1600 NOM CFM (COOLING PERFORMANCE AT INDOOR DRY BULB TEMPERATURES)

OD AMB	ID WB	TOT CAP	SENS CAP AT ENTERING DB TEMP 72	75	78	80	TOTAL KW
85	59	45.8	38.7	43.6	45.8	45.8	3.6
	63	47.8	31.5	36.3	41.1	44.3	3.6
	67	51.5	24.9	29.7	34.5	37.7	3.6
	71	55.6	18.2	23.0	27.8	31.0	3.6
95	59	42.9	37.4	42.2	42.9	42.9	3.9
	63	44.7	30.3	35.1	39.9	43.1	4.0
	67	48.2	23.6	28.4	33.3	36.5	4.0
	71	52.0	17.0	21.8	26.6	29.8	4.0
105	59	40.0	36.2	40.0	40.0	40.0	4.3
	63	41.7	29.1	33.8	38.6	41.7	4.4
	67	44.9	22.4	27.2	32.0	35.2	4.4
	71	48.5	15.8	20.6	25.4	28.6	4.4
115	59	37.1	34.9	37.1	37.1	37.1	4.7
	63	38.6	27.8	32.6	37.4	38.6	4.8
	67	41.6	21.2	26.0	30.8	34.0	4.8
	71	45.0	14.6	19.4	24.2	27.4	4.8

USE THE FOLLOWING FACTORS TO COMPENSATE FOR DIFFERENT AIR FLOW

	AIR FLOW RATE, CFM	CAPACITY MULTIPLIER	TOTAL POWER MULTIPLIER
LOW	1400	0.97	0.98
HIGH	1800	1.03	1.02

ARI RATING FOR COOLING

CFM	CAPACITY (A) TEST	SEER	EER
1400	47000	14.00	11.75

ARI Standard Capacity Rating Conditions

ARI STANDARD 210/240 RATING CONDITIONS — (A) Cooling 80°F DB, 67°F WB air entering indoor coil, 95°F DB air entering outdoor coil. (B) High Temperature Heating 47°F DB, 43°F WB air entering outdoor coil, 70°F DB air entering indoor coil. (C) Low Temperature Heating 17°F DB ,15°F WB air entering outdoor coil, 70°F DB air entering indoor coil. (D) Rated indoor airflow for heating is the same as for cooling.

4WCY4060A1/3 AT 2000 NOM CFM (COOLING PERFORMANCE AT INDOOR DRY BULB TEMPERATURES)

OD AMB	ID WB	TOT CAP	SENS CAP AT ENTERING DB TEMP 72	75	78	80	TOTAL KW
85	59	56.2	48.1	54.2	56.2	56.2	4.5
	63	58.6	38.9	45.0	51.2	55.2	4.5
	67	63.2	30.4	36.6	42.7	46.8	4.6
	71	68.2	22.0	28.1	34.2	38.3	4.6
95	59	52.8	46.6	52.7	52.8	52.8	5.0
	63	55.0	37.4	43.6	49.6	53.8	5.0
	67	59.3	29.0	35.1	41.2	45.3	5.1
	71	64.0	20.5	26.7	32.7	36.9	5.1
105	59	49.3	45.1	49.3	49.3	49.3	5.4
	63	51.4	36.0	42.1	48.2	51.4	5.5
	67	55.4	27.6	33.6	39.8	43.9	5.6
	71	59.8	19.1	25.2	31.3	35.4	5.6
115	59	45.9	43.5	45.9	45.9	45.9	5.9
	63	47.8	34.6	40.6	46.8	47.8	5.9
	67	51.5	26.1	32.3	38.4	42.5	6.0
	71	55.6	17.7	23.8	29.9	34.0	6.0

USE THE FOLLOWING FACTORS TO COMPENSATE FOR DIFFERENT AIR FLOW

	AIR FLOW RATE, CFM	CAPACITY MULTIPLIER	TOTAL POWER MULTIPLIER
LOW	1750	0.97	0.98
HIGH	2250	1.03	1.02

ARI RATING FOR COOLING

CFM	CAPACITY (A) TEST	SEER	EER
1779	58000	14.00	11.50

ARI Standard Capacity Rating Conditions

ARI STANDARD 210/240 RATING CONDITIONS — (A) Cooling 80°F DB, 67°F WB air entering indoor coil, 95°F DB air entering outdoor coil. (B) High Temperature Heating 47°F DB, 43°F WB air entering outdoor coil, 70°F DB air entering indoor coil. (C) Low Temperature Heating 17°F DB, 15°F WB air entering outdoor coil, 70°F DB air entering indoor coil. (D) Rated indoor airflow for heating is the same as for cooling.

Performance Data Heating

4WCY4024A1 AT 800 NOM CFM (HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE)

OD AMB	TOTAL CAPACITY MBH 60	70	75	80	TOTAL POWER IN KILOWATTS 60	70	75	80
2	7.2	7.0	7.0	6.9	1.2	1.3	1.3	1.4
7	8.9	8.8	8.7	8.6	1.3	1.3	1.4	1.4
12	10.7	10.5	10.4	10.3	1.3	1.4	1.4	1.5
17	12.5	12.3	12.1	12.0	1.4	1.5	1.5	1.5
22	13.4	13.1	13.0	12.9	1.4	1.5	1.5	1.6
27	14.2	14.0	13.8	13.7	1.4	1.5	1.6	1.6
32	15.1	14.8	14.7	14.5	1.5	1.6	1.6	1.6
37	16.9	16.6	16.4	16.2	1.5	1.6	1.7	1.7
42	20.0	19.6	19.4	19.2	1.6	1.7	1.7	1.8
47	23.1	22.7	22.4	22.2	1.7	1.8	1.8	1.9
52	24.9	24.4	24.2	23.9	1.7	1.8	1.9	2.0
57	26.6	26.1	25.9	25.7	1.8	1.9	2.0	2.0
62	28.4	27.9	27.6	27.4	1.8	2.0	2.0	2.1
67	30.2	29.6	29.3	29.1	1.9	2.0	2.1	2.1
72	32.0	31.4	31.0	30.8	1.9	2.1	2.1	2.2

USE THE FOLLOWING FACTORS TO COMPENSATE FOR DIFFERENT AIR FLOW

	AIR FLOW RATE, CFM	CAPACITY MULTIPLIER	TOTAL POWER MULTIPLIER
LOW	700	0.987	0.975
HIGH	900	1.011	1.025

ARI RATING FOR HEATING

CFM	CAPACITY 47	COP 47	CAPACITY 17	COP 17	HSPF
750	22400	3.70	12100	2.46	8.00

ARI Standard Capacity Rating Conditions

ARI STANDARD 210/240 RATING CONDITIONS — (A) Cooling 80°F DB, 67°F WB air entering indoor coil, 95°F DB air entering outdoor coil. (B) High Temperature Heating 47°F DB, 43°F WB air entering outdoor coil, 70°F DB air entering indoor coil. (C) Low Temperature Heating 17°F DB ,15°F WB air entering outdoor coil, 70°F DB air entering indoor coil. (D) Rated indoor airflow for heating is the same as for cooling.

4WCY4030A1 AT 1000 NOM CFM (HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE)

OD AMB	TOTAL CAPACITY MBH 60	70	75	80	TOTAL POWER IN KILOWATTS 60	70	75	80
2	9.4	9.3	9.2	9.1	1.6	1.7	1.7	1.8
7	11.6	11.4	11.3	11.2	1.6	1.7	1.8	1.8
12	13.8	13.5	13.4	13.3	1.7	1.8	1.8	1.9
17	15.9	15.7	15.5	15.4	1.7	1.8	1.9	1.9
22	16.7	16.4	16.3	16.1	1.8	1.9	1.9	2.0
27	17.5	17.2	17.0	16.9	1.8	1.9	2.0	2.0
32	18.3	17.9	17.8	17.6	1.8	2.0	2.0	2.1
37	20.5	20.1	19.9	19.7	1.9	2.0	2.1	2.1
42	24.7	24.2	24.0	23.8	1.9	2.1	2.1	2.2
47	29.0	28.4	28.1	27.9	2.0	2.1	2.2	2.3
52	31.1	30.5	30.2	30.0	2.0	2.2	2.2	2.3
57	33.3	32.7	32.3	32.0	2.1	2.2	2.3	2.4
62	35.5	34.8	34.4	34.1	2.1	2.3	2.3	2.4
67	37.6	36.9	36.6	36.2	2.2	2.3	2.4	2.5
72	39.8	39.0	38.7	38.3	2.2	2.4	2.4	2.5

USE THE FOLLOWING FACTORS TO COMPENSATE FOR DIFFERENT AIR FLOW

	AIR FLOW RATE, CFM	CAPACITY MULTIPLIER	TOTAL POWER MULTIPLIER
LOW	875	0.987	0.975
HIGH	1125	1.011	1.025

ARI RATING FOR HEATING

CFM	CAPACITY 47	COP 47	CAPACITY 17	COP 17	HSPF
860	27600	3.86	15200	2.48	8.00

ARI Standard Capacity Rating Conditions

ARI STANDARD 210/240 RATING CONDITIONS — (A) Cooling 80°F DB, 67°F WB air entering indoor coil, 95°F DB air entering outdoor coil. (B) High Temperature Heating 47°F DB, 43°F WB air entering outdoor coil, 70°F DB air entering indoor coil. (C) Low Temperature Heating 17°F DB, 15°F WB air entering outdoor coil, 70°F DB air entering indoor coil. (D) Rated indoor airflow for heating is the same as for cooling.

4WCY4036A1/3 AT 1200 NOM CFM (HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE)

OD AMB	TOTAL CAPACITY MBH 60	70	75	80	TOTAL POWER IN KILOWATTS 60	70	75	80
2	20.3	19.9	19.7	19.5	2.4	2.5	2.6	2.7
7	21.9	21.5	21.3	21.1	2.4	2.6	2.7	2.7
12	23.6	23.2	22.9	22.7	2.5	2.6	2.7	2.8
17	25.3	24.8	24.6	24.3	2.5	2.7	2.7	2.8
22	25.3	24.8	24.6	24.3	2.5	2.7	2.7	2.8
27	25.3	24.8	24.6	24.3	2.5	2.7	2.7	2.8
32	25.3	24.8	24.6	24.4	2.5	2.7	2.7	2.8
37	27.0	26.5	26.2	26.0	2.5	2.7	2.8	2.9
42	31.1	30.5	30.2	30.0	2.6	2.8	2.9	3.0
47	35.3	34.6	34.3	33.9	2.7	2.9	3.0	3.1
52	36.9	36.2	35.9	35.5	2.8	2.9	3.0	3.1
57	38.6	37.9	37.5	37.2	2.8	3.0	3.1	3.2
62	40.3	39.5	39.1	38.8	2.8	3.0	3.1	3.2
67	41.9	41.1	40.7	40.4	2.9	3.1	3.2	3.2
72	43.6	42.8	42.3	42.0	2.9	3.1	3.2	3.3

USE THE FOLLOWING FACTORS TO COMPENSATE FOR DIFFERENT AIR FLOW

	AIR FLOW RATE, CFM	CAPACITY MULTIPLIER	TOTAL POWER MULTIPLIER
LOW	1050	0.987	0.975
HIGH	1350	1.011	1.025

ARI RATING FOR HEATING

CFM	CAPACITY 47	COP 47	CAPACITY 17	COP 17	HSPF
1200	34600	3.50	24800	2.74	8.20

ARI Standard Capacity Rating Conditions

ARI STANDARD 210/240 RATING CONDITIONS — (A) Cooling 80°F DB, 67°F WB air entering indoor coil, 95°F DB air entering outdoor coil. (B) High Temperature Heating 47°F DB, 43°F WB air entering outdoor coil, 70°F DB air entering indoor coil. (C) Low Temperature Heating 17°F DB ,15°F WB air entering outdoor coil, 70°F DB air entering indoor coil. (D) Rated indoor airflow for heating is the same as for cooling.

Performance Data Heating

4WCY4042A1 AT 1400 NOM CFM (HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE)

OD AMB	TOTAL CAPACITY MBH 60	70	75	80	TOTAL POWER IN KILOWATTS 60	70	75	80
2	15.5	15.2	15.0	14.9	2.8	3.0	3.1	3.2
7	18.3	18.0	17.8	17.7	2.9	3.0	3.1	3.2
12	21.2	20.8	20.6	20.4	2.9	3.1	3.1	3.2
17	24.1	23.6	23.4	23.2	2.9	3.1	3.2	3.3
22	25.6	25.1	24.8	24.6	2.9	3.1	3.2	3.3
27	27.1	26.6	26.3	26.1	2.9	3.1	3.2	3.3
32	28.6	28.0	27.7	27.5	2.9	3.1	3.2	3.3
37	31.4	30.8	30.5	30.3	2.9	3.1	3.2	3.3
42	36.4	35.7	35.3	35.0	2.9	3.1	3.2	3.3
47	41.3	40.6	40.2	39.8	3.0	3.2	3.3	3.4
52	44.2	43.4	42.9	42.6	3.0	3.2	3.3	3.4
57	47.1	46.2	45.7	45.3	3.0	3.2	3.3	3.4
62	49.9	49.0	48.5	48.1	3.0	3.2	3.3	3.4
67	52.8	51.8	51.3	50.9	3.0	3.2	3.3	3.4
72	55.7	54.7	54.1	53.6	3.0	3.2	3.3	3.4

USE THE FOLLOWING FACTORS TO COMPENSATE FOR DIFFERENT AIR FLOW

	AIR FLOW RATE, CFM	CAPACITY MULTIPLIER	TOTAL POWER MULTIPLIER
LOW	1225	0.987	0.975
HIGH	1575	1.011	1.025

ARI RATING FOR HEATING

CFM	CAPACITY 47	COP 47	CAPACITY 17	COP 17	HSPF
1390	40500	3.76	23600	2.26	8.00

ARI Standard Capacity Rating Conditions

ARI STANDARD 210/240 RATING CONDITIONS — (A) Cooling 80°F DB, 67°F WB air entering indoor coil, 95°F DB air entering outdoor coil. (B) High Temperature Heating 47°F DB, 43°F WB air entering outdoor coil, 70°F DB air entering indoor coil. (C) Low Temperature Heating 17°F DB, 15°F WB air entering outdoor coil, 70°F DB air entering indoor coil. (D) Rated indoor airflow for heating is the same as for cooling.

4WCY4048A1/3 AT 1600 NOM CFM (HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE)

OD AMB	TOTAL CAPACITY MBH 60	70	75	80	TOTAL POWER IN KILOWATTS 60	70	75	80
2	18.6	18.3	18.1	17.9	3.1	3.3	3.4	3.5
7	21.9	21.5	21.3	21.1	3.2	3.4	3.5	3.6
12	25.2	24.7	24.4	24.2	3.2	3.4	3.5	3.6
17	28.4	27.9	27.6	27.4	3.3	3.5	3.6	3.7
22	30.2	29.7	29.4	29.1	3.3	3.5	3.6	3.7
27	32.0	31.4	31.1	30.9	3.3	3.5	3.6	3.7
32	33.9	33.2	32.9	32.6	3.3	3.5	3.6	3.7
37	37.1	36.4	36.1	35.7	3.4	3.6	3.7	3.8
42	42.6	41.8	41.4	41.0	3.5	3.7	3.9	4.0
47	48.1	47.2	46.7	46.3	3.7	3.9	4.0	4.1
52	51.4	50.4	49.9	49.4	3.7	4.0	4.1	4.2
57	54.6	53.6	53.1	52.6	3.8	4.0	4.1	4.3
62	57.9	56.8	56.3	55.7	3.8	4.1	4.2	4.3
67	61.2	60.0	59.4	58.9	3.9	4.2	4.3	4.4
72	64.5	63.3	62.6	62.1	4.0	4.2	4.3	4.5

USE THE FOLLOWING FACTORS TO COMPENSATE FOR DIFFERENT AIR FLOW

	AIR FLOW RATE, CFM	CAPACITY MULTIPLIER	TOTAL POWER MULTIPLIER
LOW	1400	0.987	0.975
HIGH	1800	1.011	1.025

ARI RATING FOR HEATING

CFM	CAPACITY 47	COP 47	CAPACITY 17	COP 17	HSPF
1400	46000	3.50	27200	2.30	8.00

ARI Standard Capacity Rating Conditions

ARI STANDARD 210/240 RATING CONDITIONS — (A) Cooling 80°F DB, 67°F WB air entering indoor coil, 95°F DB air entering outdoor coil. (B) High Temperature Heating 47°F DB, 43°F WB air entering outdoor coil, 70°F DB air entering indoor coil. (C) Low Temperature Heating 17°F DB ,15°F WB air entering outdoor coil, 70°F DB air entering indoor coil. (D) Rated indoor airflow for heating is the same as for cooling.

4WCY4060A1/3 AT 2000 NOM CFM (HEATING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE)

OD AMB	TOTAL CAPACITY MBH 60	70	75	80	TOTAL POWER IN KILOWATTS 60	70	75	80
2	29.1	28.5	28.2	28.0	3.8	4.0	4.2	4.3
7	32.4	31.8	31.5	31.2	3.9	4.1	4.2	4.4
12	35.8	35.1	34.8	34.5	4.0	4.2	4.3	4.5
17	39.2	38.4	38.1	37.7	4.0	4.3	4.4	4.6
22	41.4	40.6	40.2	39.8	4.1	4.4	4.5	4.6
27	43.6	42.8	42.4	42.0	4.2	4.4	4.6	4.7
32	45.8	45.0	44.5	44.1	4.2	4.5	4.7	4.8
37	49.2	48.3	47.8	47.3	4.3	4.6	4.7	4.9
42	54.3	53.3	52.7	52.3	4.4	4.7	4.9	5.0
47	59.4	58.3	57.7	57.2	4.5	4.8	5.0	5.1
52	62.8	61.6	61.0	60.4	4.6	4.9	5.1	5.2
57	66.1	64.9	64.2	63.7	4.7	5.0	5.2	5.3
62	69.5	68.2	67.5	66.9	4.8	5.1	5.3	5.4
67	72.9	71.5	70.8	70.1	4.9	5.2	5.4	5.5
72	76.2	74.8	74.1	73.4	5.0	5.3	5.4	5.6

USE THE FOLLOWING FACTORS TO COMPENSATE FOR DIFFERENT AIR FLOW

	AIR FLOW RATE, CFM	CAPACITY MULTIPLIER	TOTAL POWER MULTIPLIER
LOW	1750	0.987	0.975
HIGH	2250	1.011	1.025

ARI RATING FOR HEATING

CFM	CAPACITY 47	COP 47	CAPACITY 17	COP 17	HSPF
1779	57000	3.50	37600	2.60	8.00

ARI Standard Capacity Rating Conditions

ARI STANDARD 210/240 RATING CONDITIONS — (A) Cooling 80°F DB, 67°F WB air entering indoor coil, 95°F DB air entering outdoor coil. (B) High Temperature Heating 47°F DB, 43°F WB air entering outdoor coil, 70°F DB air entering indoor coil. (C) Low Temperature Heating 17°F DB, 15°F WB air entering outdoor coil, 70°F DB air entering indoor coil. (D) Rated indoor airflow for heating is the same as for cooling.

Indoor Blower Performance

Indoor Fan Performance 4WCY4024A

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

4WCY4024A-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 4WCY4030A

Horizontal Airflow

4WCY4030A-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

4WCY4030A-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 Fan Performance 4WCY4036A

Horizontal Airflow

4WCY4036A-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

4WCY4036A-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 4WCY4042A

Horizontal Airflow

4WCY4042A-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

4WCY4042A-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 4WCY4048A

Horizontal Airflow

4WCY4048A-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

4WCY4048A-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 4WCY4060A

Horizontal Airflow

4WCY4060A-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

4WCY4060A-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	2010	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

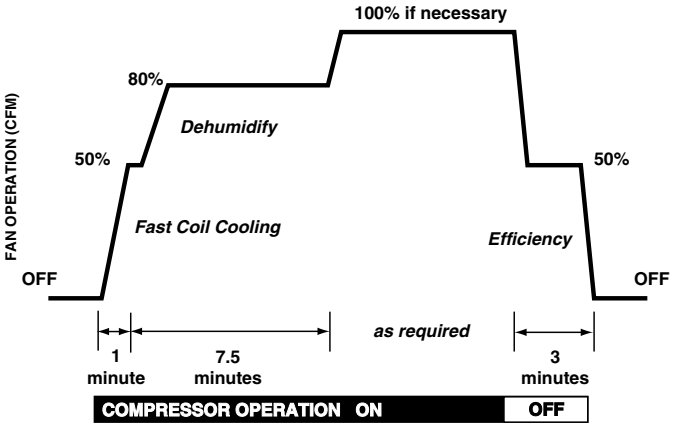
4WCY4060 AIRFLOW WITH AUXILIARY HEAT (CFM)

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

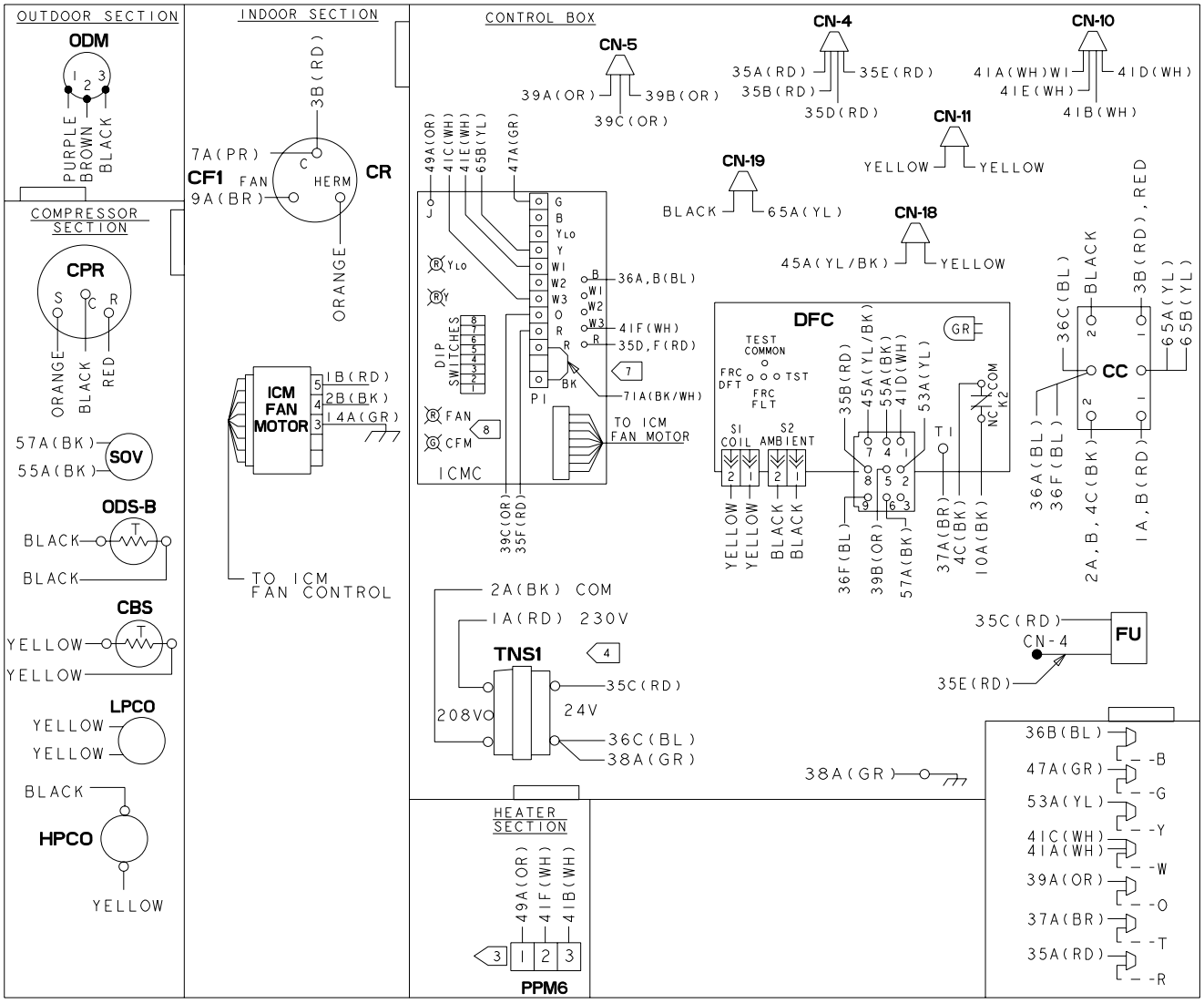
COOLING FAN DELAY OPTIONS

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



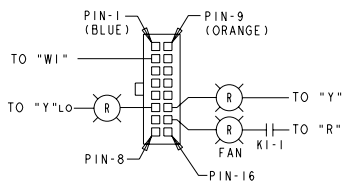
Typical Wiring



NOTES:

1. 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.
2. MAXIMUM ADDITIONAL EXTERNAL LOAD (PILOT DUTY) BETWEEN "B" AND "R" OF 0.5 AMPS, 24 VAC IS AVAILABLE WHEN A HEATER IS INSTALLED.
3. SEE WIRING DIAGRAM WITH HEATER FOR DETAILS OF HEATER WIRING.
4. FOR 208 VOLT OPERATION MAKE THE FOLLOWING WIRING CHANGES: A:REMOVE 1A(RD) WIRE FROM TNS1 AND CONNECT TO TNS1 AT 208V TERMINAL.
5. IF ANY OF THE ORIGINAL WIRE AS SUPPLIED IN THIS UNIT MUST BE REPLACED, REPLACE IT WITH APPLIANCE WIRING MATERIAL RATED AT 105°C.
6. "T" TERMINAL IS NOT CONNECTED WHEN AN ELECTRONIC THERMOSTAT IS USED.
7. IF OPTIONAL HUMIDISTAT ACCESSORY IS USED, ON THE ICMC BOARD CUT THE 7IA(BK/WH) JUMPER AND CONNECT THE HUMIDISTAT BETWEEN TERMINALS.
8. THE GREEN LED ON THE ICMC BOARD FLASHES ONCE PER HUNDRED CFM.
9. WHEN MECHANICAL THERMOSTATS ARE USED, DO NOT CONNECT THE "W" LEAD AT THERMOSTAT.

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



VIEW A-A

DETAIL OF POLARIZED PLUG CONNECTIONS TO LED LIGHTS

ICMC DIP SWITCH SETTINGS

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	ON	OFF	450 CFM/TON	
				FAN OFF-DELAY OPTIONS	
	SW 5	SW 6			
	OFF	OFF		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			
	OFF	OFF		350 CFM/TON	
	ON	OFF		400 CFM/TON	**

** FACTORY SETTING.

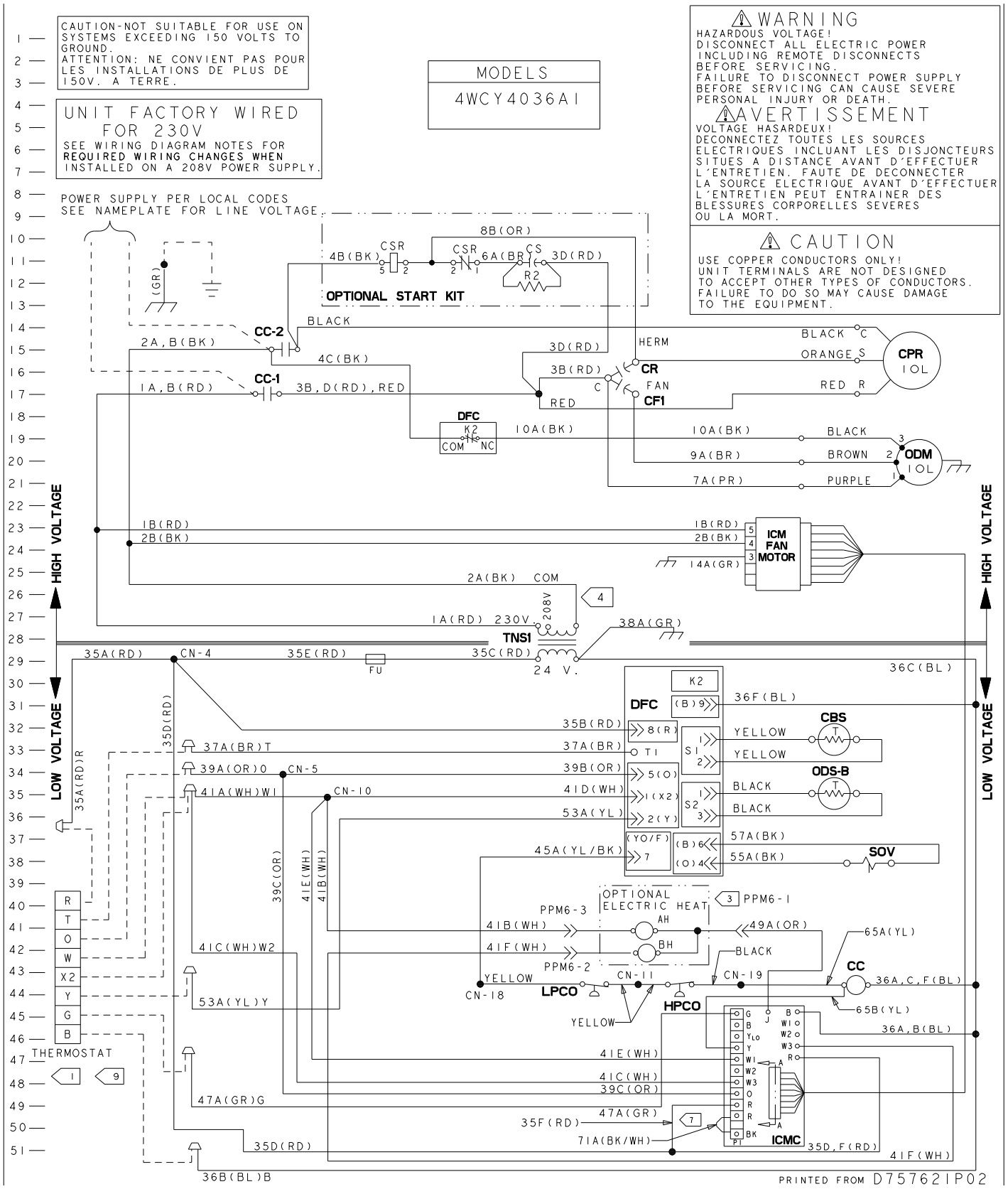
AT CONTINUOUS FAN SETTING ("G" ONLY) AIRFLOW VALUES ARE APPROXIMATELY 50% OF LISTED VALUE.

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

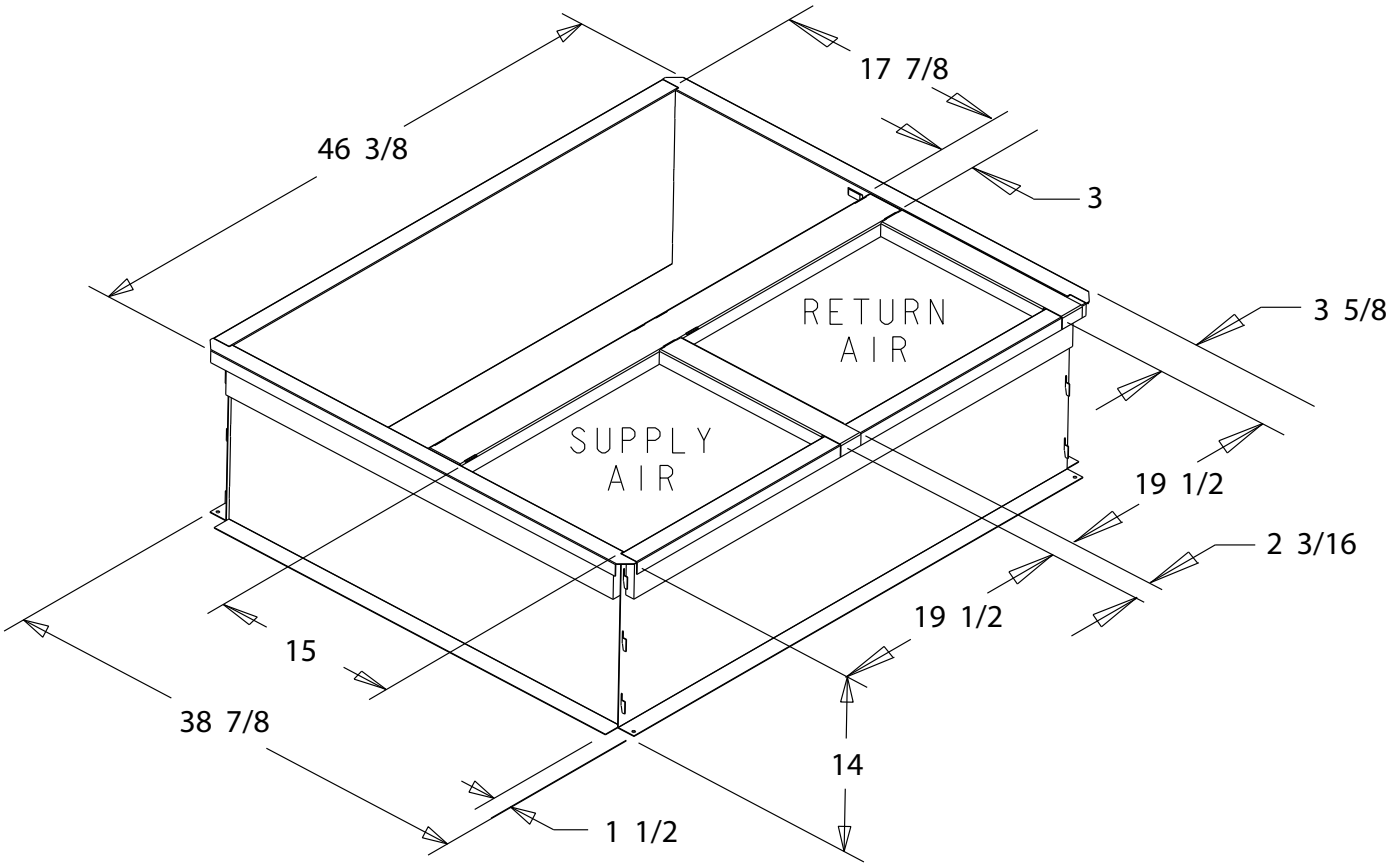
D757621P02

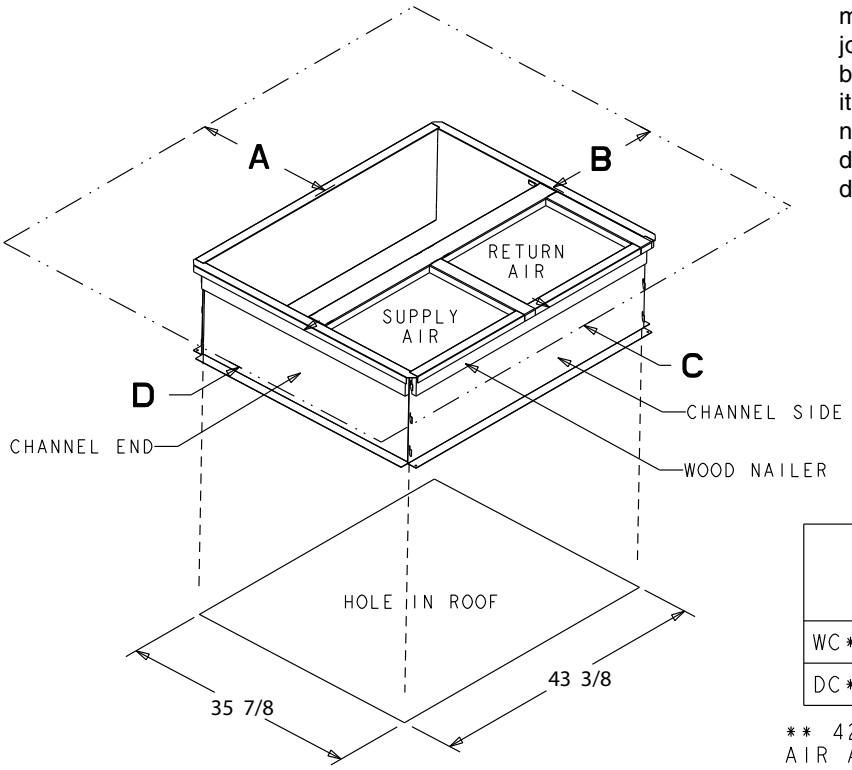
Typical Wiring



Optional Equipment

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





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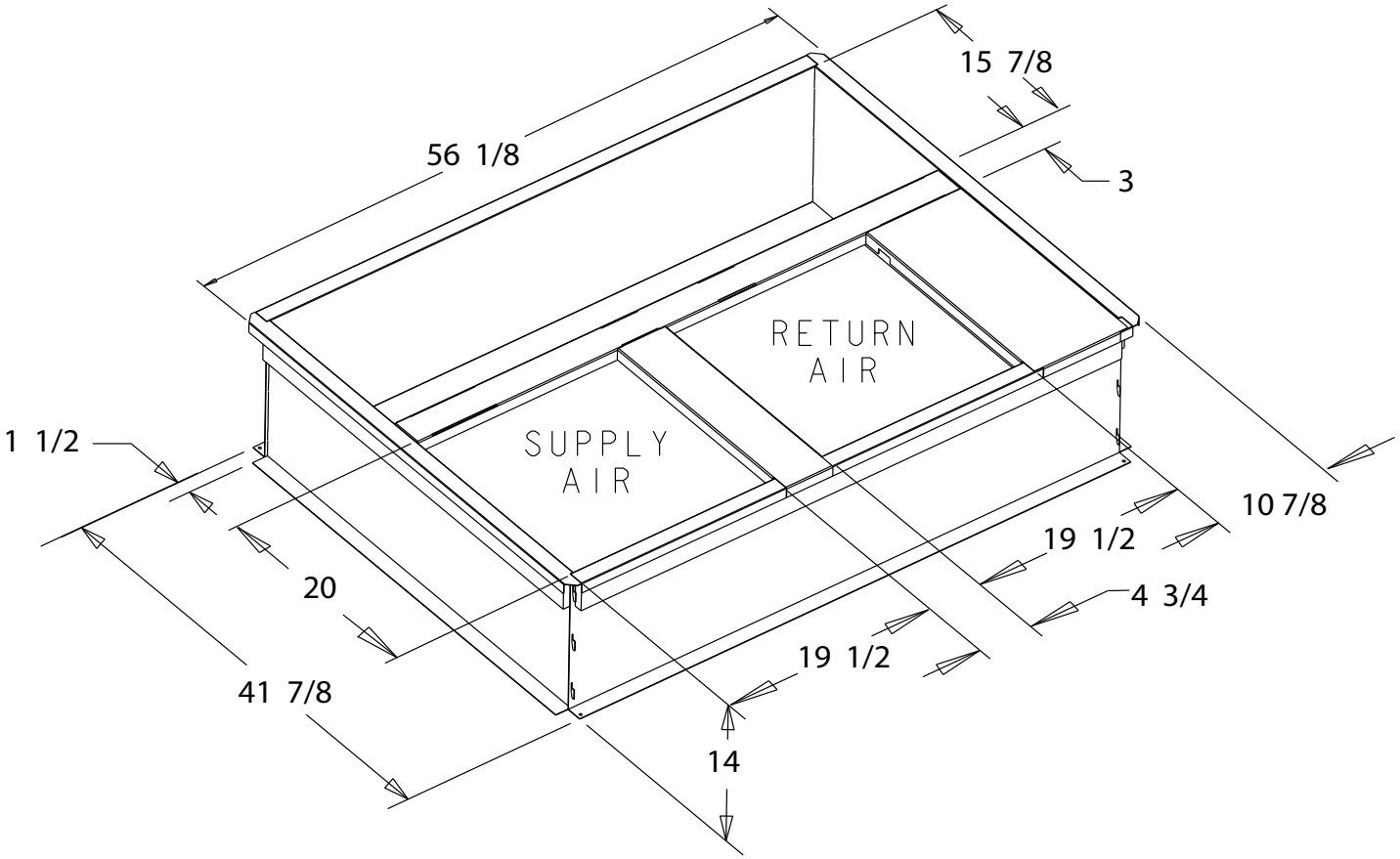
	SERVICE CLEARANCE DIMENSIONS			
	A	B	C	D
WC*/TC*	42.00	36.00	12.00**	24.00
DC*/YC*	42.00	36.00	12.00**	36.00

** 42.00 WITH ECONOMIZER WITH 25% FRESH AIR ACCESSORY

Optional Equipment

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



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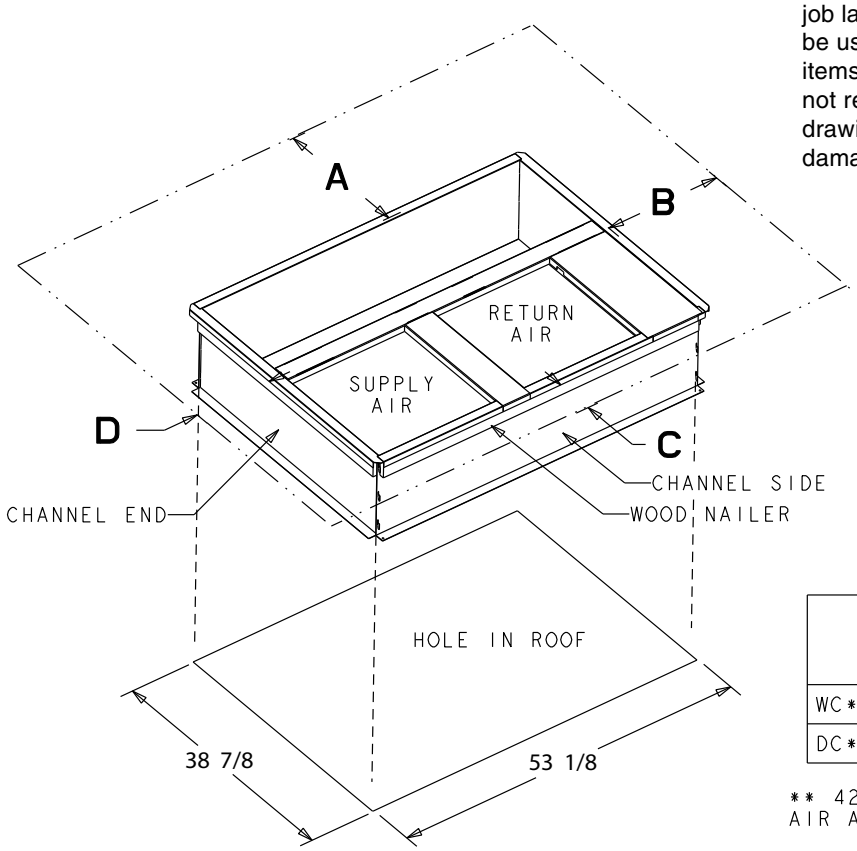
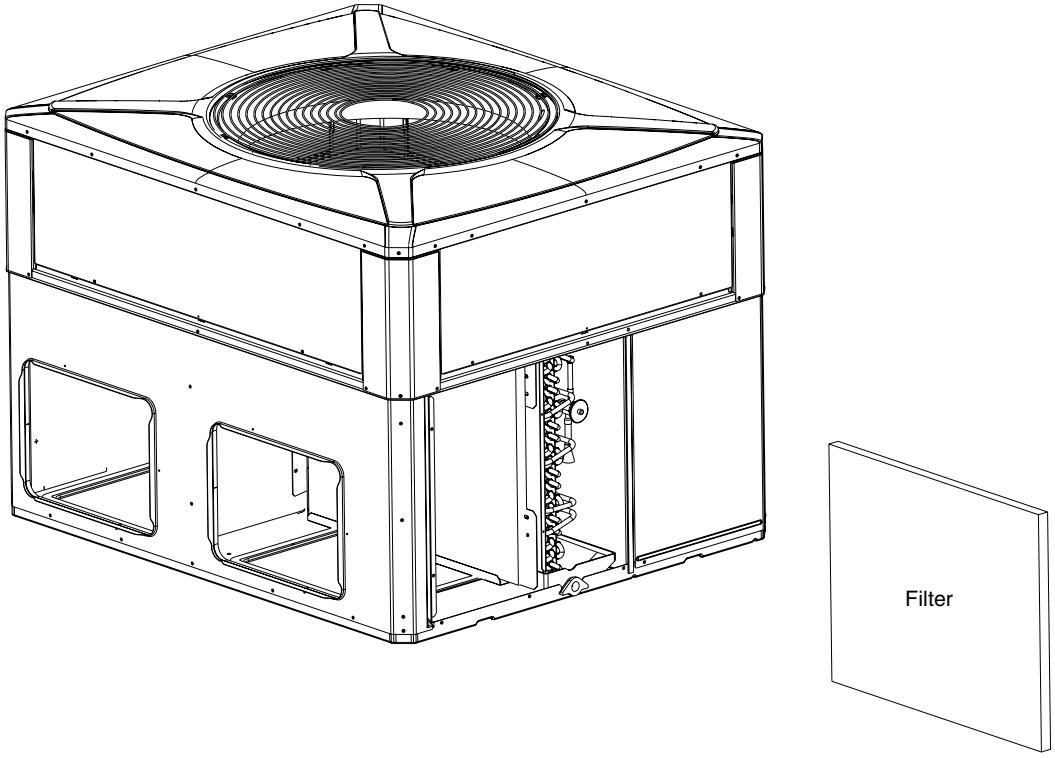


	SERVICE CLEARANCE DIMENSIONS			
	A	B	C	D
WC*/TC*	42.00	36.00	12.00**	24.00
DC*/YC*	42.00	36.00	12.00**	36.00

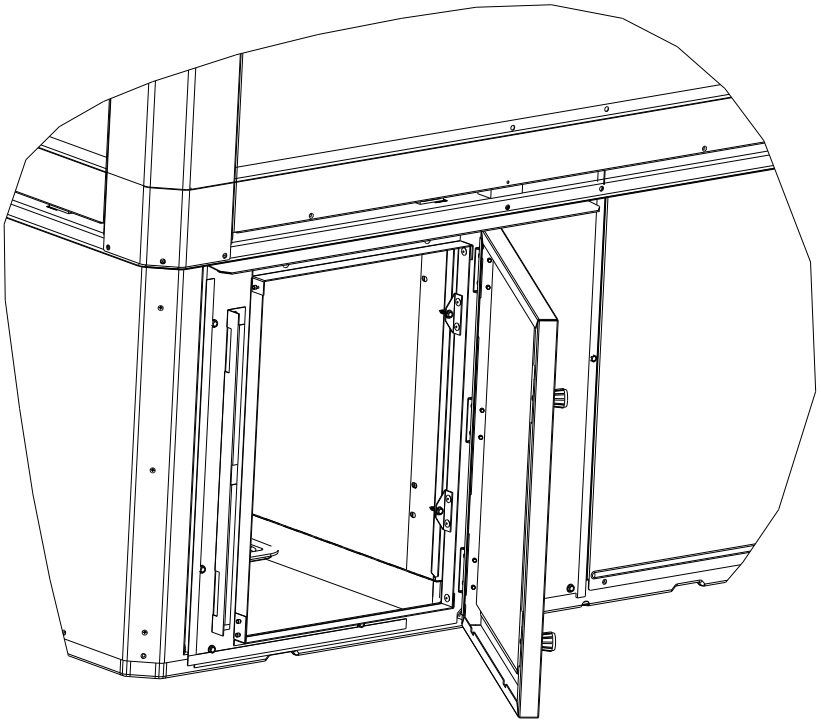
** 42.00 WITH ECONOMIZER WITH 25% FRESH AIR ACCESSORY

Optional Equipment

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



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



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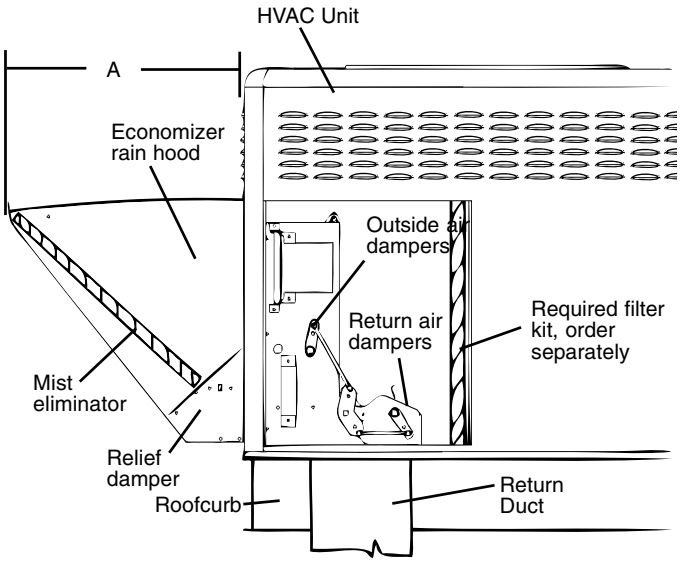
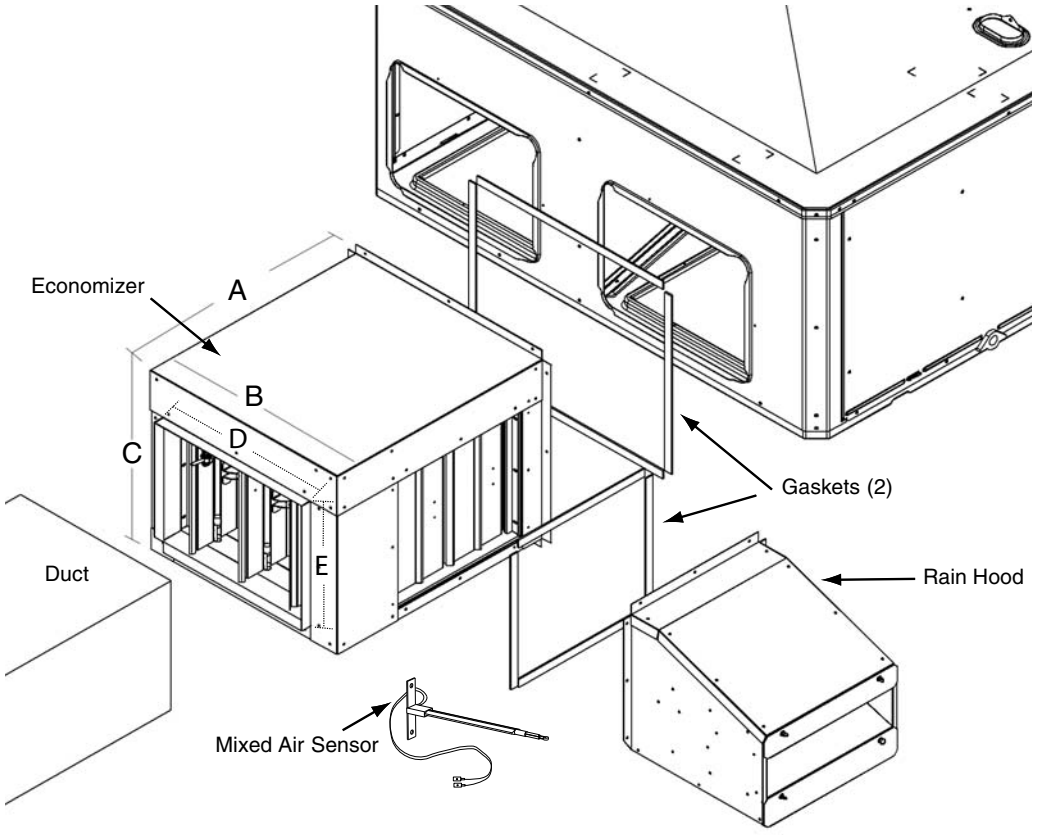
Optional Equipment

BAYECON101,102A Down Discharge Economizer and Rain Hood (Mounts Over Horizontal Return Air Opening)



Economizer	Unit ApplicationM odels	A
BAYECON101A	2/4YC,WC3018-036A 4TC*3018-036A 4W/T/Y/DCY4024-060	20.125"
BAYECON102A	2/4YC,WC3042-060A 4TC*3042-060A 4W/T/Y/DCY4024-060	24.375"

BAYCON200,201A Horizontal Economizer and Rain Hood



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Economizer	A	B	C	D	E
BAYECON200AA	22"	20"	16 7/8"	15 11/16	11 11/16
BAYECON201AA	24"	22 21/32"	19"	17 11/16	14 11/16

Optional Equipment

BAYOSAH001,002A, 25% Outside Air Damper (Replaces Filter/Coil Access Panel)

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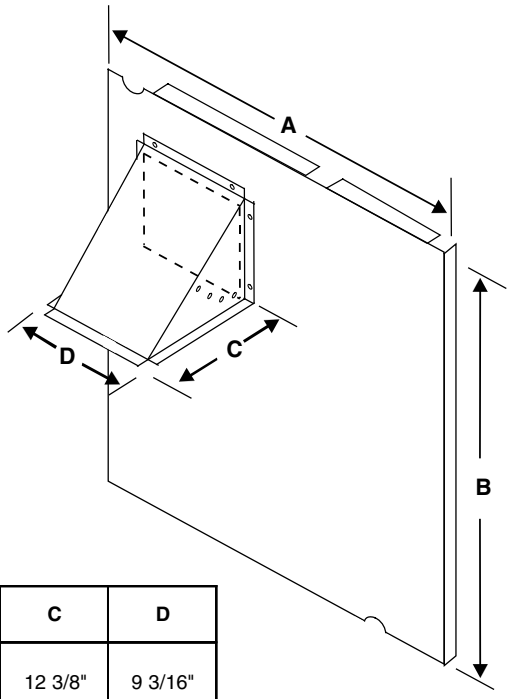
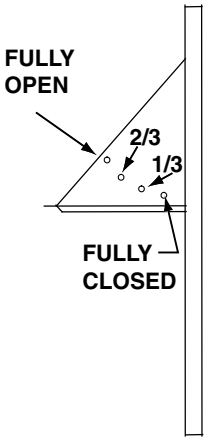
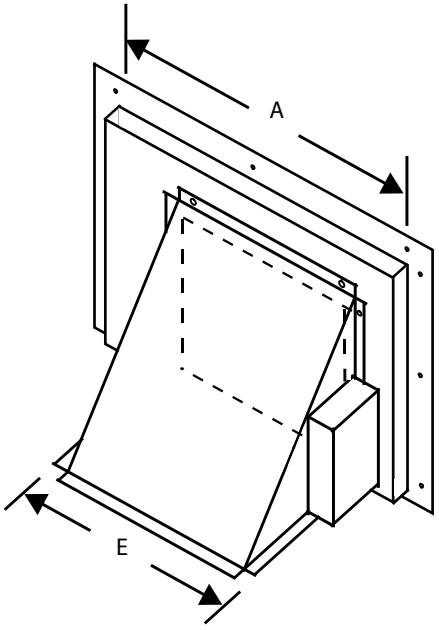
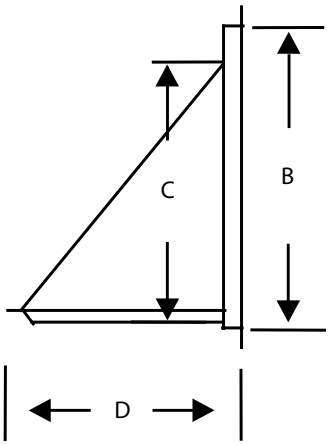




Manual Fresh Air Model	Unit Application Models	A	B	C	D
BAYOSAH001	2/4YC,WC3018-036A 4TC*3018-036A 4W/T/Y/DCY4024-060A	22 7/16"	20 11/16"	12 3/8"	9 3/16"
BAYOSAH002	2/4YC,WC3042-060A 4TC*3042-060A 4W/T/Y/DCY4024-060	25 3/16"	20 11/16"	12 3/8"	9 3/16"

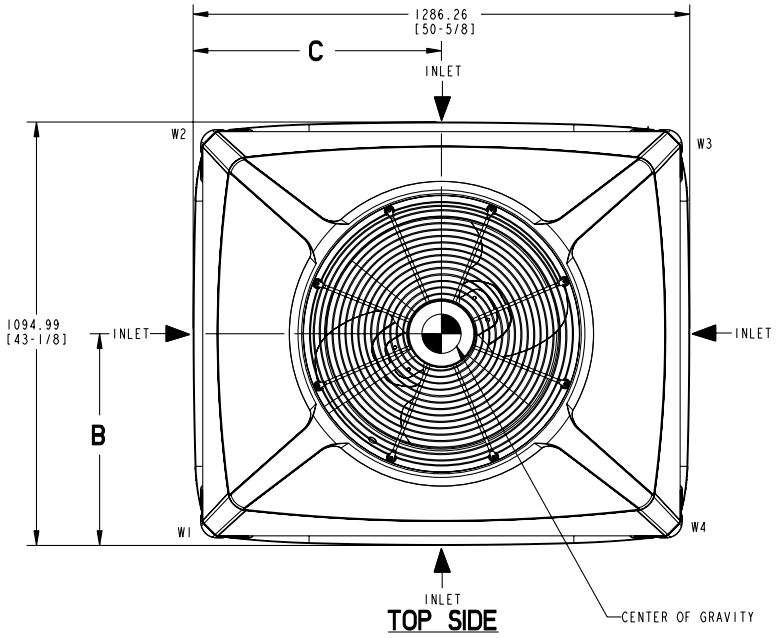
BAYDMPR101,102A, 25% Motorized Outside Air Damper (Mounts Over Horizontal Return Air Opening)



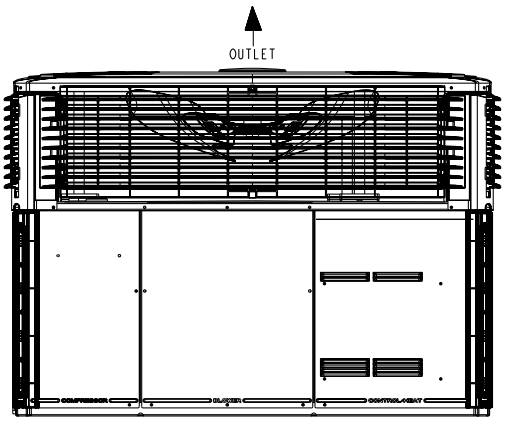


	Unit Application Models	A	B	C	D	E
BAYDMPR101A	2/4YC,WC3018-036A 4TC3018-036A 4W/T/Y/DCY4024-0600	15 13/16"	11 13/16"	10 1/4"	11 1/2"	12 1/4"
BAYDMPR102A	2/4YC,WC3042-060A 4TC3042-060A 4W/T/Y/DCY4024-060	18 3/16"	15 1/8"	10 1/4"	11 1/2"	12 1/4"

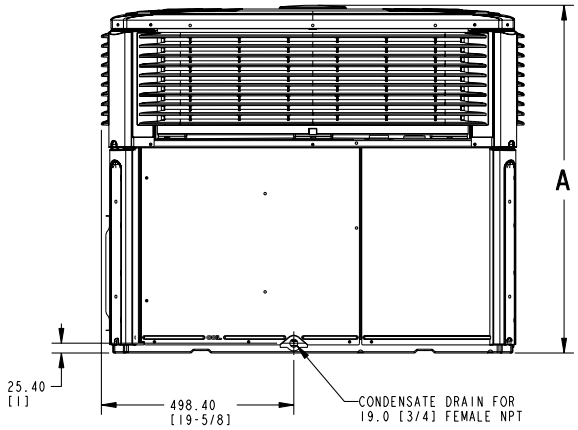
Dimensional Data and Weights



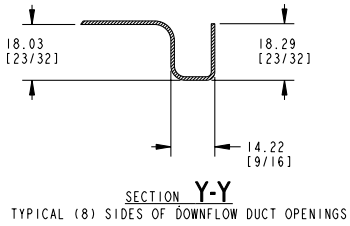
TOP SIDE



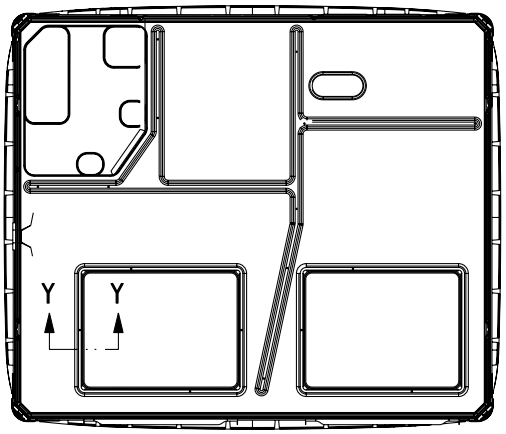
FRONT SIDE



LEFT SIDE



SECTION Y-Y
TYPICAL (8) SIDES OF DOWNFLOW DUCT OPENINGS

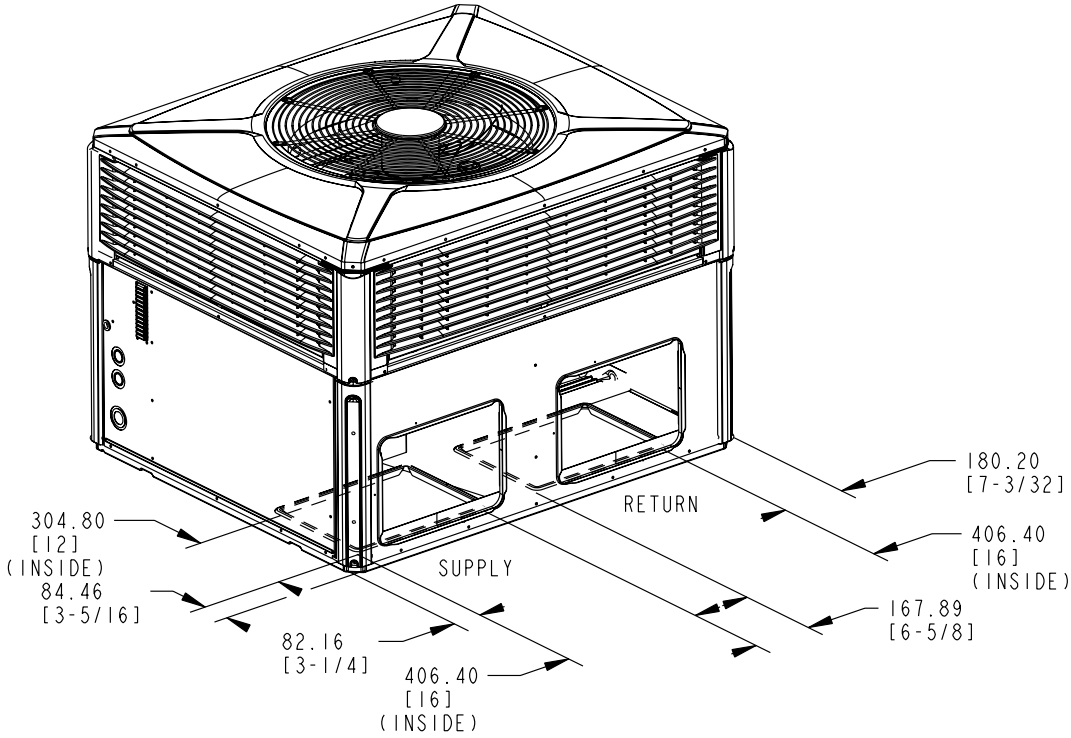


BOTTOM SIDE

NOTE: The view labeled “Bottom Side” represents the Base as viewed looking up from underneath the unit.

4WCY4024A through 4WCY4036A (1 of 3)

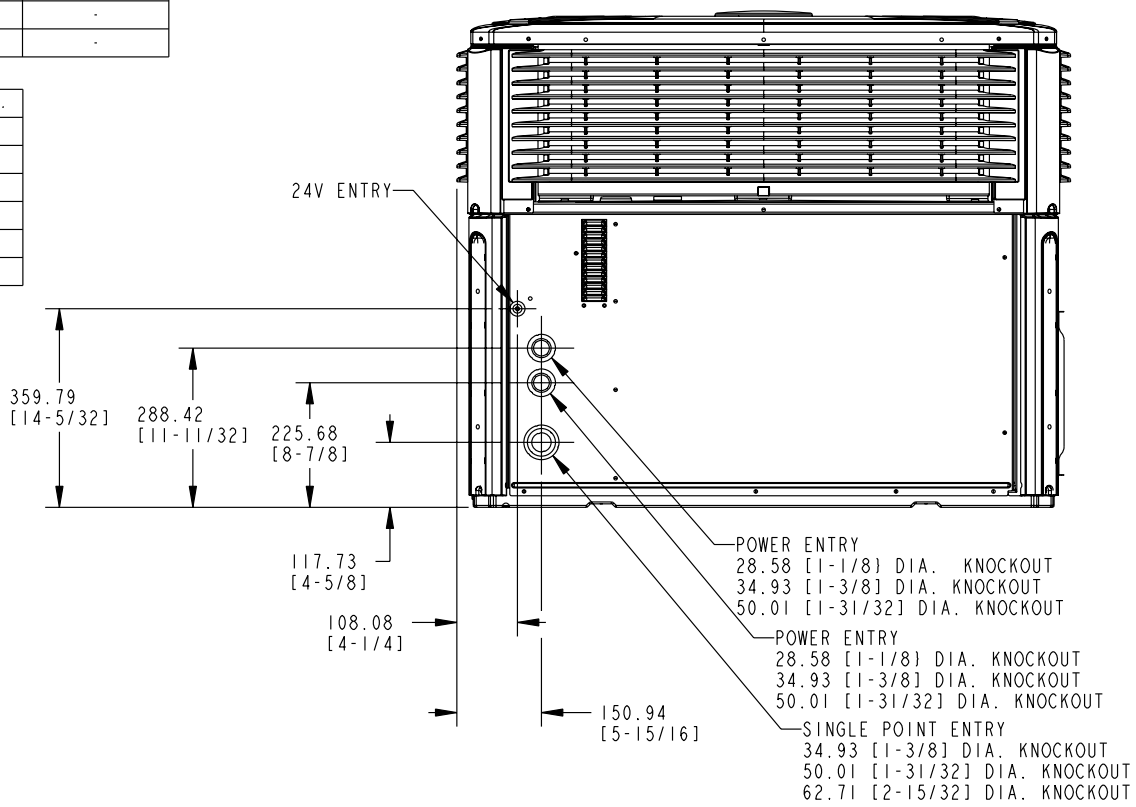
Dimensional Data and Weights



BOTTOM DUCT OPENINGS

RECOMMENDED SERVICE CLEARANCE MM/IN.		
		WITH ECONOMIZER
BACK SIDE	304.8 [12]	762.0 [30]
LEFT SIDE	762.0 [30]	914.4 [36]
RIGHT SIDE	609.6 [24]	-
FRONT SIDE	1066.8 [42]	-

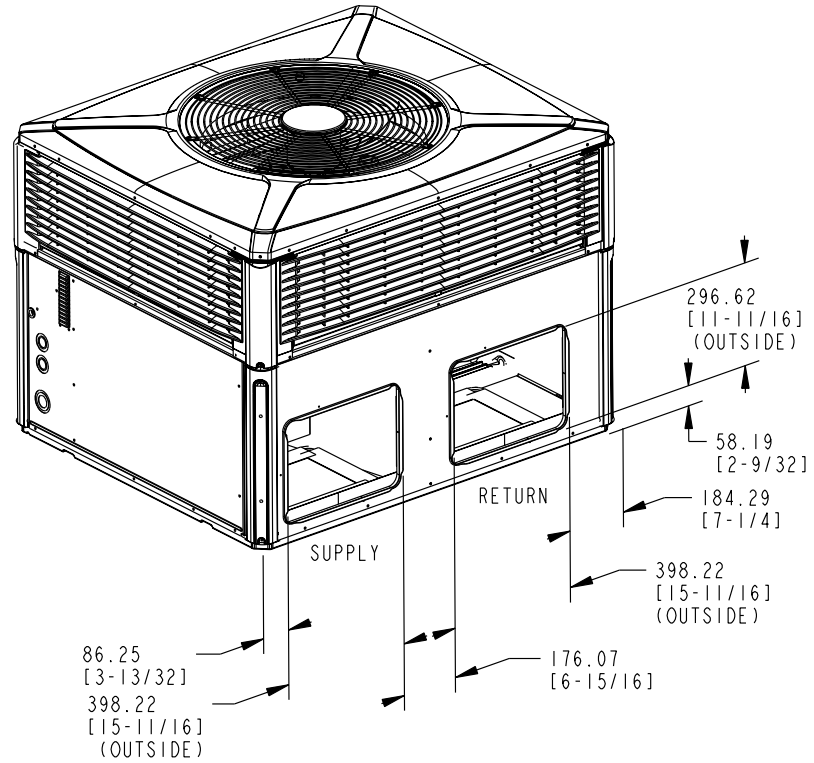
CLEARANCE TO COMBUSTIBLE MATERIAL MM/IN.	
BOTTOM	0
BACK SIDE	25.4 [1]
LEFT SIDE	152.4 [6]
RIGHT SIDE	152.4 [6]
FRONT SIDE	304.8 [12]
TOP	914.4 [36]



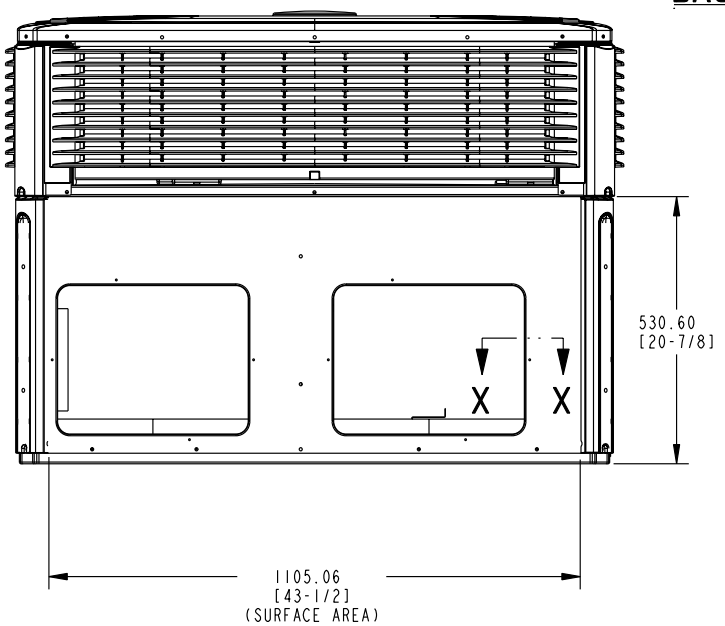
RIGHT SIDE

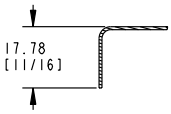
4WCY4024A through 4WCY4036A (2 of 3)

Dimensional Data and Weights



BACK DUCT OPENINGS





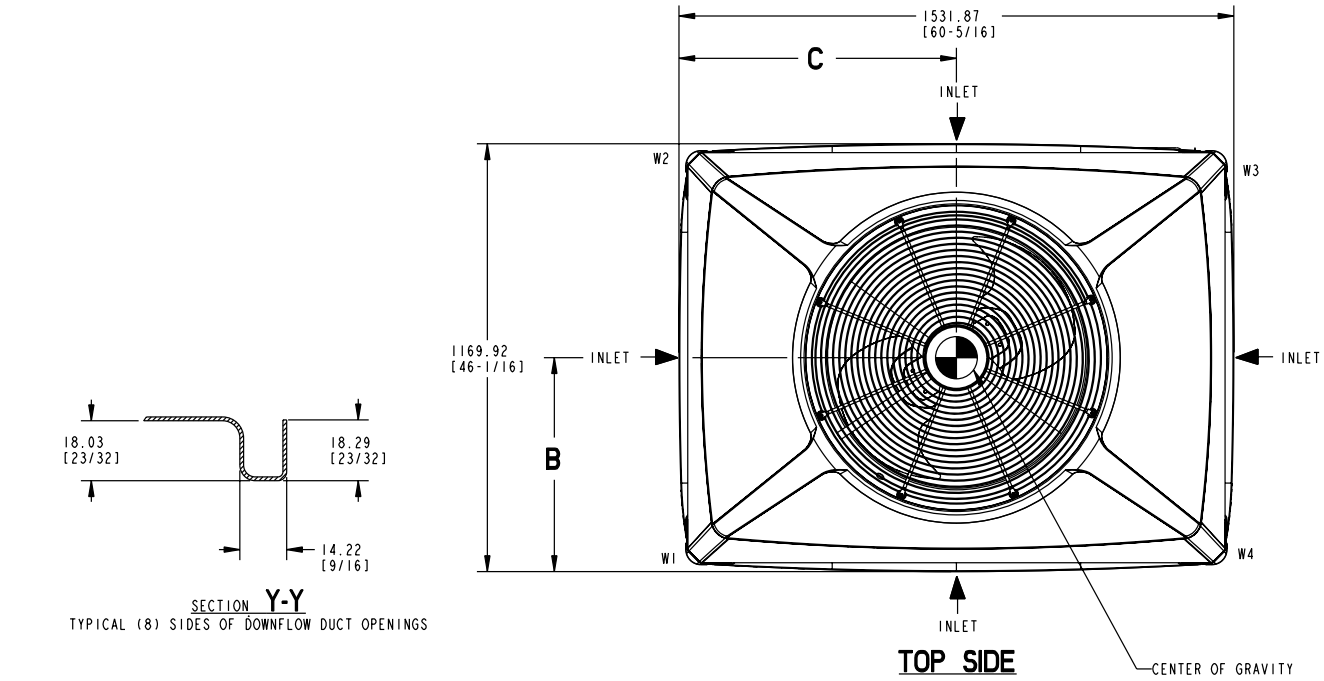
SECTION X-X
TYPICAL (8) SIDES OF SIDEFLOW DUCT OPENINGS

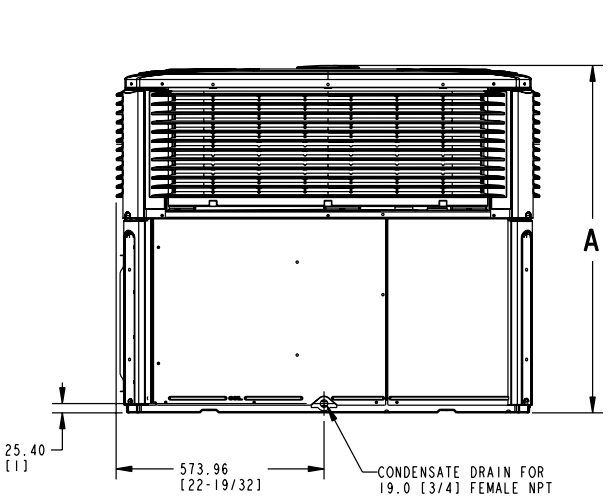
BACK SIDE

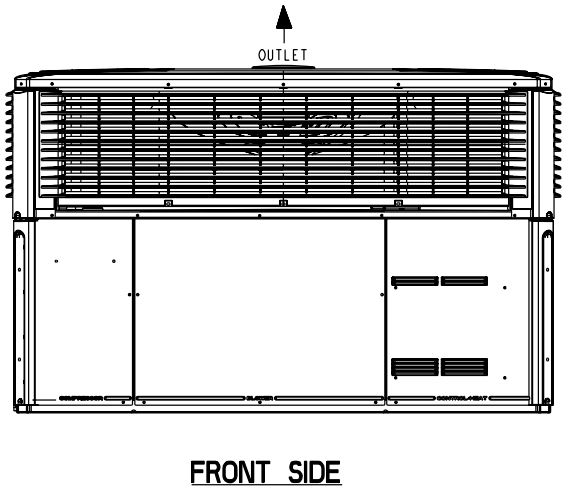
MODEL	HEIGHT MM/IN.	APPROX. CORNER WEIGHT - KG/LBS				SHIPPING WEIGHT KG/LBS	TOTAL UNIT WEIGHT KG/LBS	CENTER OF GRAVITY MM/IN.	
	A	W1	W2	W3	W4			B	C
4TCY4024/030	898.53 [35-3/8]	56.7 [125]	35.8 [79]	25.4 [56]	39.9 [88]	201.6 [444]	157.9 [348]	401.3 [15.8]	508.0 [20.0]
4TCY4036	949.33 [37-3/8]	57.6 [127]	36.3 [80]	25.9 [57]	40.8 [90]	204.3 [450]	160.6 [354]	401.3 [15.8]	508.0 [20.0]
4WCY4024/030	898.53 [35-3/8]	57.6 [127]	36.3 [80]	26.3 [58]	41.7 [92]	205.7 [453]	161.9 [357]	401.3 [15.8]	515.6 [20.3]
4WCY4036	949.33 [37-3/8]	60.8 [134]	38.1 [84]	27.2 [60]	42.6 [94]	212.5 [468]	168.7 [372]	401.3 [15.8]	508.0 [20.0]
4WCZ6036	949.33 [37-3/8]	60.8 [134]	38.1 [84]	27.2 [60]	42.6 [94]	212.5 [468]	168.7 [372]	401.3 [15.8]	508.0 [20.0]

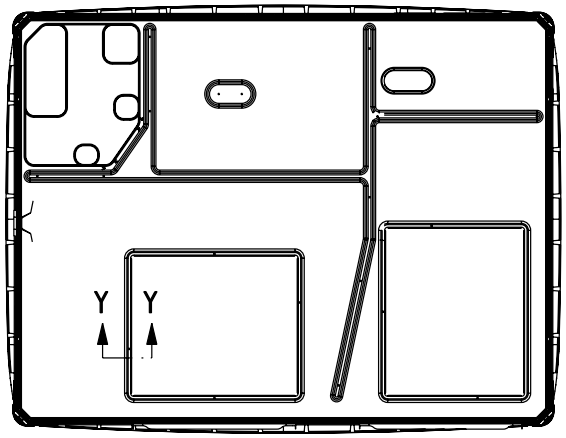
4WCY4024A through 4WCY4036A (3 of 3)

Dimensional Data and Weights





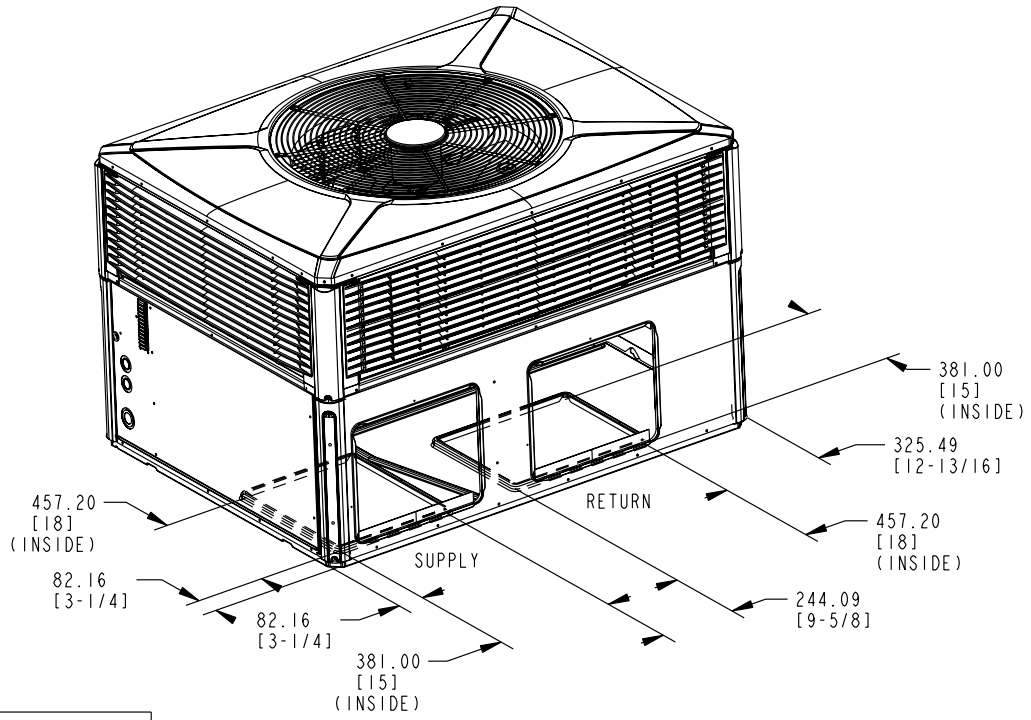




NOTE: The view labeled “Bottom Side” represents the Base as viewed looking up from underneath the unit.

4WCY4042A through 4WCY4060A (1 of 3)

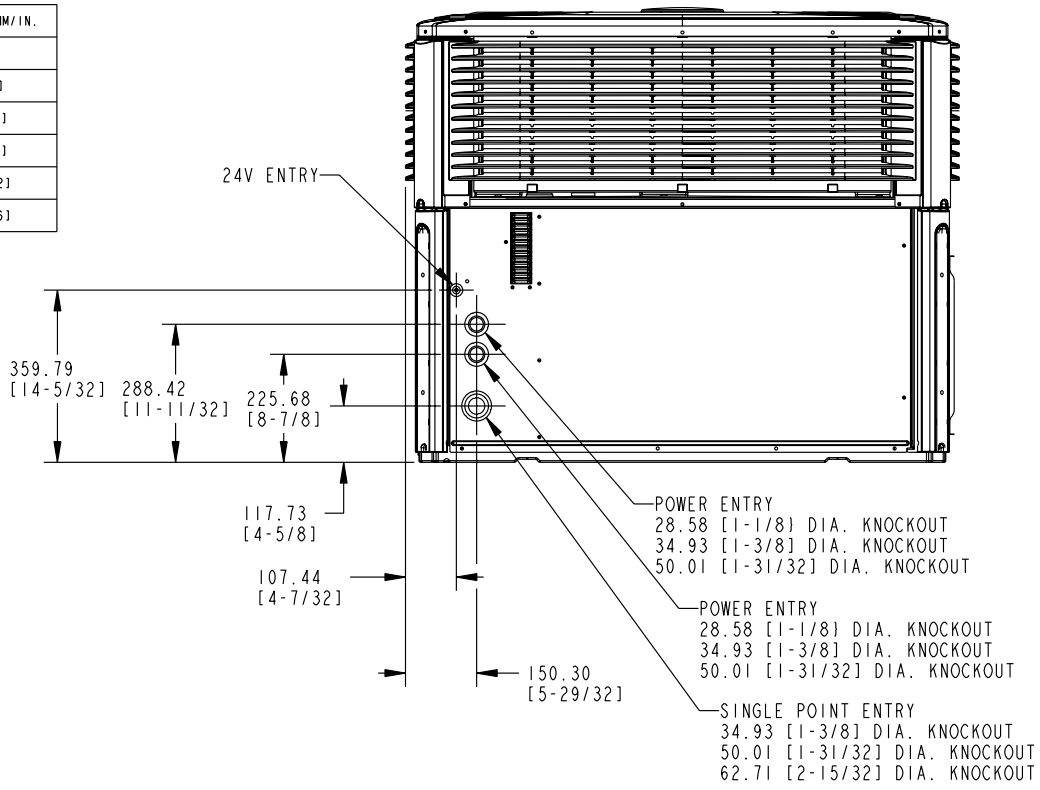
Dimensional Data and Weight



BOTTOM DUCT OPENINGS

RECOMMENDED SERVICE CLEARANCE MM/IN.		
		WITH ECONOMIZER
BACK SIDE	304.8 [12]	762.0 [30]
LEFT SIDE	914.4 [36]	1066.8 [42]
RIGHT SIDE	609.6 [24]	-
FRONT SIDE	762.0 [30]	-

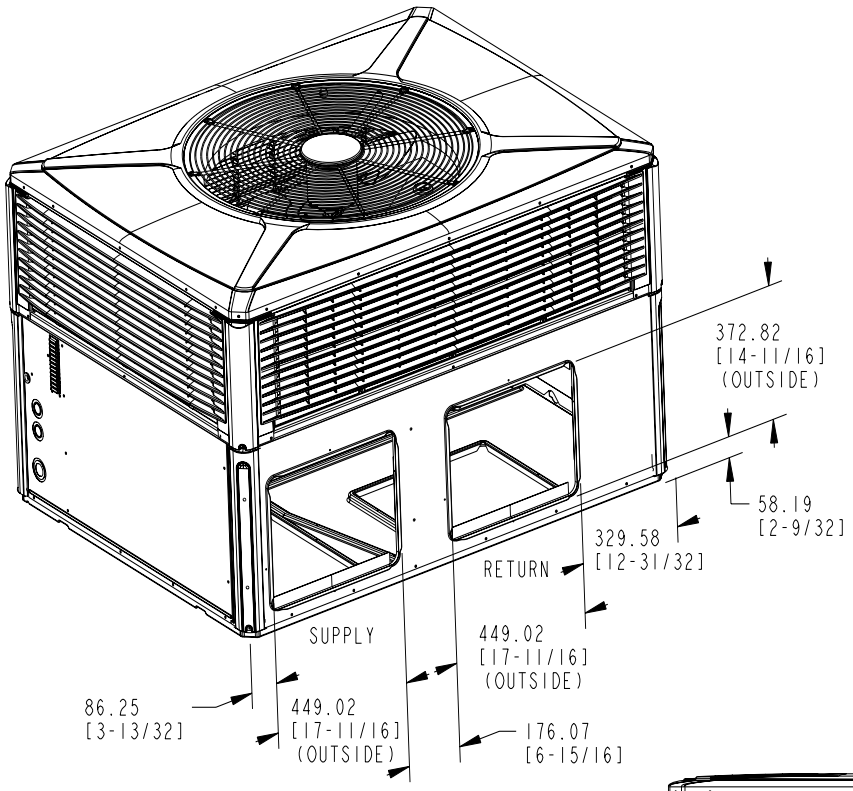
CLEARANCE TO COMBUSTIBLE MATERIAL MM/IN.	
BOTTOM	0
BACK SIDE	25.4 [1]
LEFT SIDE	152.4 [6]
RIGHT SIDE	152.4 [6]
FRONT SIDE	304.8 [12]
TOP	914.4 [36]



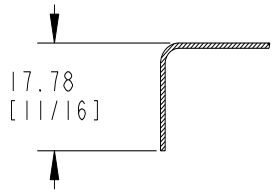
RIGHT SIDE

4WCY4042A through 4WCY4060A (2 of 3)

Dimensional Data and Weight

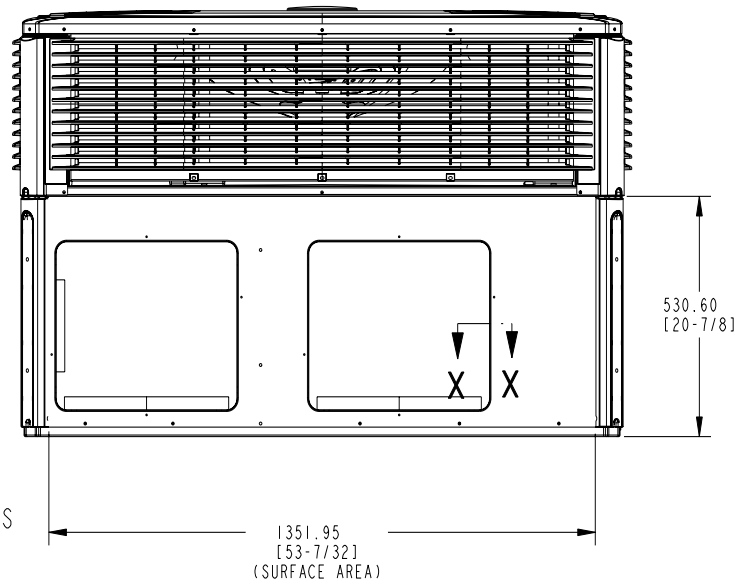


BACK DUCT OPENINGS



SECTION X-X

TYPICAL (8) SIDES OF SIDEFLOW DUCT OPENINGS



BACK SIDE

MODEL	HEIGHT MM/IN.	APPROX. CORNER WEIGHT - KG/LBS				SHIPPING WEIGHT KG/LBS	TOTAL UNIT WEIGHT KG/LBS	CENTER OF GRAVITY MM/IN.	
	A	W1	W2	W3	W4			B	C
4TCY4042/048	949.33 [37-3/8]	76.2 [168]	47.6 [105]	35.8 [79]	57.6 [127]	275.6 (607)	217.3 [479]	426.7 [16.8]	635.0 [25.0]
4TCY4060	1050.93 [41-3/8]	78.9 [174]	46.7 [103]	34.9 [77]	59.1 [130]	277.8 (612)	219.5 [484]	414.0 [16.3]	635.0 [25.0]
4WCY4042/048	949.33 [37-3/8]	68.9 [152]	40.8 [90]	30.8 [68]	52.2 [115]	275.6 (607)	217.5 [479]	414.0 [16.3]	635.0 [25.0]
4WCY4060	1050.93 [41-3/8]	80.3 [177]	47.6 [105]	35.8 [79]	60.8 [134]	282.8 (623)	224.5 [495]	414.0 [16.3]	635.0 [25.0]
4WCZ6048	1050.93 [41-3/8]	68.9 [152]	40.8 [90]	30.8 [68]	52.2 [115]	275.6 (607)	217.5 [479]	414.0 [16.3]	635.0 [25.0]
4WCZ6060	1050.93 [41-3/8]	80.3 [177]	47.6 [105]	35.8 [79]	60.8 [134]	282.8 (623)	224.5 [495]	414.0 [16.3]	635.0 [25.0]

4WCY4042A through 4WCY4060A (3 of 3)

Mechanical Specifications

General
The units shall be horizontal airflow as shipped and convertible to downflow. All units shall be factory assembled, piped, internally wired and fully charged with refrigerant. Units shall be UL listed and carry a UL label. All units shall be factory run tested to check cooling operation, fan and blower rotation and control or TXV sequence. Units shall be designed to operate at ambient temperatures between 115°F and 55°F in cooling as manufactured. Cooling performance shall be rated in accordance with ARI standards.

Unit Casing
All components shall be mounted in a weather-resistant steel cabinet with an enamel finish. Access panels shall be provided for unit controls and indoor coil and fans. Indoor air section compartment shall be completely insulated with fireproof, permanent, odorless glass fiber material. Knockouts shall be provided for utility and control connections. Drain connections shall be provided to accommodate indoor water runoff.

Compressor
The compressor shall be hermetically sealed, high efficiency Climatuff® compressors. Internal overcurrent and over temperature protection, internal pressure relief shall be standard.

Refrigeration System
All units shall have TXV in cooling and TXV in heating. Service pressure tap ports, and a refrigerant line filter dryer shall be standard.

Indoor Coil
Coils shall be internally finned or smooth bore 3/8" copper tubes mechanically bonded to configured aluminum plate fin as standard. Evaporator coil leak and pressure tested to 200 psig; condenser coil tested to 450 psig.

Condenser Coil —
The Spine Fin™condenser coil shall be continuously wrapped, corrosion resistant all aluminum with minimum brazed joints. This coil is 3/8 inch O.D. seamless aluminum tubing glued to a continuous aluminum fin. Coils are lab tested to withstand 2,000 pounds of pressure per square inch. The outdoor coil provides low airflow resistance and efficient heat transfer. The coil is protected on all four sides by louvered panels.

Indoor Air Fan — Direct-drive, forward-curved, centrifugal wheel in a Composite Vortica® Blower housing. Motor shall have thermal overload protection. Permanently lubricated motor bearings. Motor/blower assembly isolated from unit with rubber mounts.

Condenser Fan — Direct-drive, draw thru propeller type. Weather-proofed permanent split capacitor fan motor shall have built-in thermal overload and permanently lubricated motor bearings.

System Controls
System controls include condenser fan, evaporator fan and compressor contactors.

Accessories
Roof Curb — The roof curb shall be designed to mate with the unit and provide support and complete weathertight installation when properly installed. Adhesive back polyurethane sealing strips shall be provided to ensure an airtight seal between supply and return openings of the curb and unit. The roof curb design allows field fabricated ductwork to be connected directly to the curb. Curb ships knocked down for field assembly, and includes factory-installed wood nailer strips.

Electric Heaters — Each heater assembly shall include power supply fusing if over 48 amps, automatic resetting limit switches and heat limiters for thermal protection. Heaters shall be provided with polarized plugs for quick connection to unit low voltage wiring. Electric heat modules shall be UL listed.

Single Source Power Entry — This accessory when used with electric heat accessory shall allow single source power connection to unit and heater combination. Single source power entry kits shall have specific matching heater(s). Kit shall include high voltage terminal blocks, fuse blocks and fuses, cut-to-length interconnecting wiring, and junction box (if required) to provide power sources with fuse protection as required for both the unit and accessory heater. Kit components shall install within the unit cabinet in the heater access section. Single source branch power circuit shall be protected and wired in accordance with local codes.

Fully Modulating Economizer — This accessory shall be field installed and be composed of the following items: 0-100% fresh air damper, damper drive motor, fixed dry bulb enthalpy control, and low voltage wiring plug for electrical connections. Solid state enthalpy or differential enthalpy control is optional. Economizer operations shall be controlled by the preset position of the enthalpy control. A barometic relief damper shall be standard with the economizer and provide a pressure operated damper that shall be gravity closing and prohibit entrance of outside air on equipment “off” cycle. Economizer requires BAYRLAY004A relay kit to interface the economizer to the heat pump.

Manual Outside Air Dampers — Rain hood and screen shall be field installed. Suitable for up to 25% outside air.

Start Kit — Extra compressor starting capacity for single phase equipment.

Control Options
Standard Indoor Thermostats — Two stage heating/cooling or one stage heating/cooling thermostats shall be available in either manual or automatic changeover.

Programmable Electronic Night Setback Thermostat — Programmable electronic thermostat shall provide heating setback and cooling setup with 7-day, programming capability. 1H/1C or 2H/2C models available.

Trane
6200 Troup Highway
Tyler, TX 75707-9010