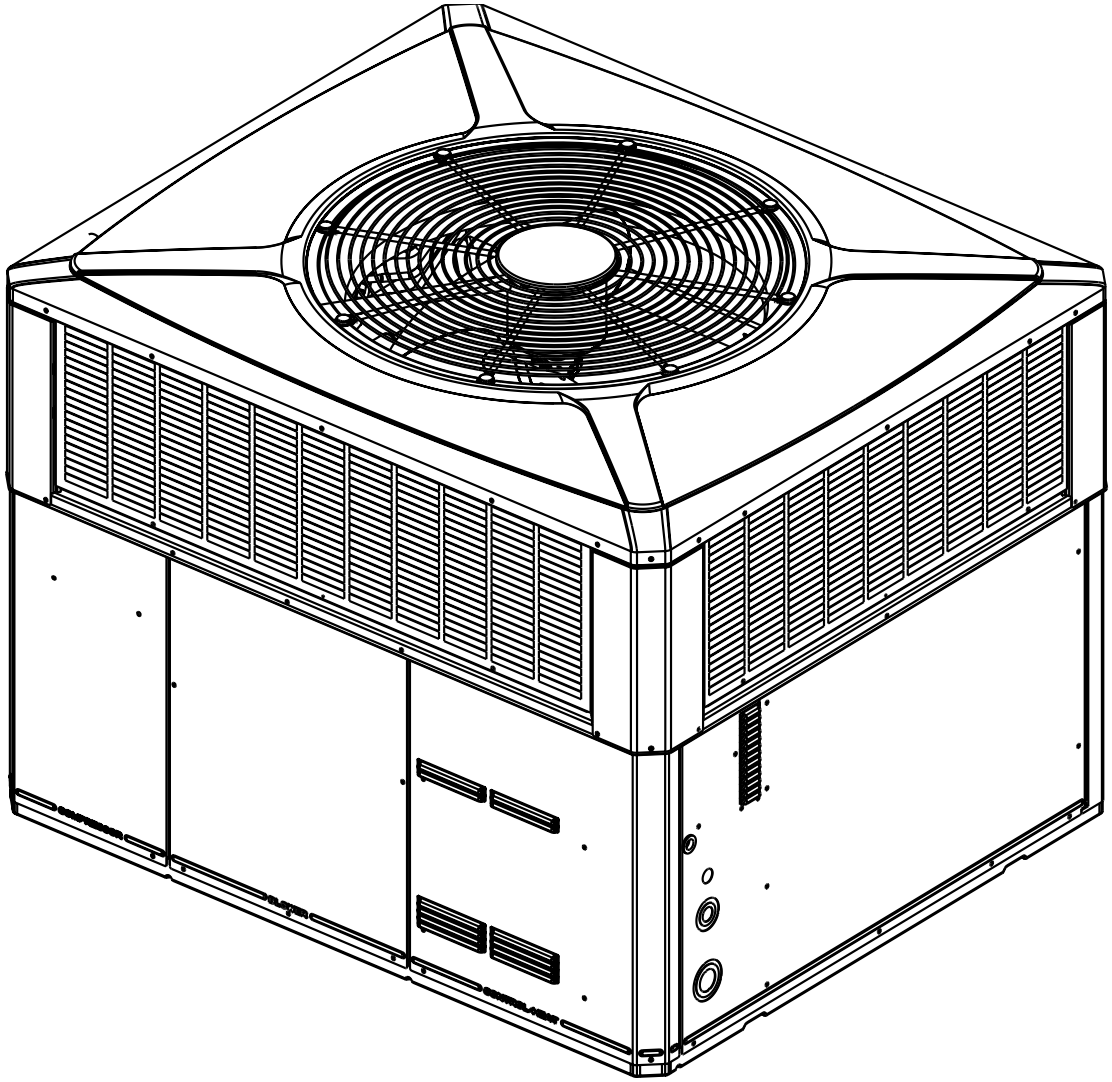
TRANE®

22-1782-10

Product Data

4TCC3018 through 4TCC3060
Single Packaged Convertible Cooling
13 SEER
1½ - 5 Ton
R-410A



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It's Hard to Stop a Trane.

Single Packaged Cooling System

Trane offers a complete family of cooling systems, designed to give you the unbeatable combination of energy efficiency and lower operating costs.

Introducing the new TRANE Single Packaged Cooling System.

Single Packaged Cooling Systems are easy and versatile to install. Because cooling and air handling functions are all contained in a single cabinet, a Trane packaged air conditioner 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 Cooling Systems provide better performance. 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 Listing

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

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Hinged Filter Access Door (4TCC3042-60A) ③ ..... BAYACCDOR2A[ ]
Roof Curb Full Perimeter (4TCC3018-36A) ③ ..... BAYCURB050A[ ]
Roof Curb Full Perimeter (4TCC3042-60A) ③ ..... BAYCURB051A[ ]
Roof Curb Utility Extension Kit (BAYCURB050A) ..... BAYUTIL101A[ ]
Roof Curb Utility Extension Kit (BAYCURB051A) ..... BAYUTIL102A[ ]
0-25% Manual Fresh Air Damper (4TCC3018-36A) ①. ..... BAYOSAH001A[ ]
0-25% Manual Fresh Air Damper (4TCC3042-60A) ①. ..... BAYOSAH002A[ ]
Motorized Fresh Air Damper (4TCC3018-36A) ①. ..... BAYDMPR101A[ ]
Motorized Fresh Air Damper (4TCC3042-60A) ①. ..... BAYDMPR102A[ ]
16" Round Duct Adapter (2 per box) (4TCC3018-36A) ⑥ ..... BAYSQRD001A[ ]
18" Round Duct Adapter (2 per box) (4TCC3018-60A) ⑥ ..... BAYSQRD002A[ ]
0-100% Mod Economizer w/Baro. Relief (4TCC3018-36A) ①②④ ..... BAYECON101B[ ]
0-100% Mod. Economizer w/Baro. Relief (4TCC042-60A) ①②④. ..... BAYECON102B[ ]
0-100% Horizontal Economizer (4TCC3018-36A) ①② . ..... BAYECON200A[ ]
0-100% Horizontal Economizer (4TCC3042-60A) ①② . ..... BAYECON201A[ ]
Enthalpy Control for Economizer (solid state). ..... BAYENTH001A[ ]
Remote Potentiometer (All-BAYECON***A) ..... BAYSTAT023[ ]
1"-2" Filter Frame (4TCC3018-36A) (20 x 25 filter not included) ①. ..... BAYFLTR101B[ ]
1"-2" Filter Frame (4TCC3042-60A) (20 x 20 & 20X18 filter not included) ①. ..... BAYFLTR201B[ ]
Evaporator Defrost Control (Low Ambient Cooling) Kit ⑤. ..... BAYLOAM011A[ ]
Head Pressure Control (Low Ambient Cool) (208/240v) Kit ⑤. ..... BAYLOAM105A[ ]
Quick Start Kit (4TCC3-A1) ..... BAYQSKT300A[ ]
Crankcase Heater Recip (4TCC3018A1)(230v) ⑤. ..... BAYCCHT101A[ ]
Crankcase Heater Scroll(4TCC3030, 36,48,60A1/3)(230v) ⑤. ..... BAYCCHT102A[ ]
Crankcase Heater (4TCC3036,48,60A4)(460v) ⑤. ..... BAYCCHT404B[ ]
Adapter Curb 4TCC3018-036A to BAYCURB030,38 ..... BAYADAP050A[ ]
Adapter Curb 4TCC3018-036A to BAYCURB033 ..... BAYADAP051A[ ]
Adapter Curb 4TCC3042-060A to BAYCURB030,38 ..... BAYADAP052A[ ]
Adapter Curb 4TCC3042-060A to BAYCURB033 ..... BAYADAP053A[ ]
Adapter Curb 4TCC3042-060A to BAYCURB034 ..... BAYADAP054A[ ]
12" Duct Shroud Covers Horizontal 4TCC3018-060A⑦. ..... BAYCOVR112A[ ]
18" Duct Shroud Covers Horizontal 4TCC3018-060A 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) (4TCC3018-060A1) ..... BAYHTRV105E[ ]
6.0/8.0 KW Heater (208/240V 1PH) (4TCC3018-060A1) ..... BAYHTRV108E[ ]
7.50/10.0 KW Heater (208/240V 1PH) (4TCC3024-060A1) ..... BAYHTRV110E[ ]
11.27/15.00 KW Heater (208/240V 1PH) (4TCC3030-060A1) ..... BAYHTRV115E[ ]
15.0/20.0 KW Heater (208/240V 1PH) (4TCC3048-060A1) ..... BAYHTRV120E[ ]

SUPPLEMENTARY HEATERS (3 PHASE)

3.76/5.0 KW Heater (208/240V 3PH) (4TCC3036-060A3) ..... BAYHTRV305E[ ]
6.0/8.0 KW Heater (208/240V 3PH) (4TCC3036-060A3) ..... BAYHTRV308E[ ]
7.50/10.0 KW Heater (208/240V 3PH) (4TCC3036-060A3) ..... BAYHTRV310E[ ]
11.27/15.0 KW Heater (208/240V 3PH) (4TCC3036-060A3) ..... BAYHTRV315E[ ]
15.0/20.0 KW Heater (208/240V 3PH) (4TCC3048A3) ..... BAYHTRV320E[ ]
5.0 KW Heater (480V 3PH) (4TCC3036-060A4) ..... BAYHTRV405E[ ]
8.0 KW Heater (480V 3PH) (4TCC3036-060A4) ..... BAYHTRV408E[ ]
10.0 KW Heater (480V 3PH) (4TCC3036-060A4) ..... BAYHTRV410E[ ]
15.0 KW Heater (480V 3PH) (4TCC3036-060A4) ..... BAYHTRV415E[ ]
20.0 KW Heater (480V 3PH) (4TCC3048-060A4) ..... BAYHTRV420E[ ]
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[ ]

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-----).
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	4TCC3018A1000A	4TCC3024A1000A	4TCC3030A1000A	4TCC3036A1000A	4TCC3036A3000A
RATED Volts/PH/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/3/60
Performance Cooling BTUH①	18000	23000	28000	35000	35000
Indoor Airflow (CFM)	675	725	1000	1200	1200
Power Input (KW)	1.64	2.09	2.55	3.18	3.18
EER/SEER (BTU/Watt-Hr.)⑥	11.0 / 13.0	11.0 / 13.0	10.4 / 13.0	11.0 / 13.0	11.0 / 13.0
Sound Power Rating [dB(A)]②	74	76	75	76	76
POWER CONN.—V/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/3/60
Min. Brch. Cir. Ampacity③	10.1	13.6	21.7	23.2	18.2
Fuse Size — Max. (amps)	15	20	35	35	30
Fuse Size — Recmd. (amps)	15	20	35	35	30
COMPRESSOR	RECIPROCATING	RECIPROCATING	SCROLL	SCROLL	SCROLL
Volts/Ph/Hz	208-230/1/60	200-230/1/60	208-230/1/60	208-230/1/60	208-230/3/60
R.L. Amps — L.R. Amps	6.4 / 38.6	8.3 / 57.8	14.7 / 72.5	15.4 / 83	11.5 / 77
OUTDOOR COIL — TYPE	SPINE-FIN	SPINE-FIN	SPINE-FIN	SPINE-FIN	SPINE-FIN
Rows/F.P.I.	2 / 24	2 / 24	2 / 24	2 / 24	2 / 24
Face Area (sq.ft.)	13.32	13.32	13.32	13.32	13.32
Tube Size (in.)	3/8	3/8	3/8	3/8	3/8
INDOOR COIL — TYPE	PLATE FIN	PLATE FIN	PLATE FIN	PLATE FIN	PLATE FIN
Rows/F.P.I.	3 / 15	3 / 15	3 / 15	4 / 15	4 / 15
Face Area (sq.ft.)	3.54	3.54	3.54	3.54	3.54
Tube Size (in.)	3/8	3/8	3/8	3/8	3/8
Refrigerant Control	EXPANSION VALVE	EXPANSION VALVE	EXPANSION VALVE	EXPANSION VALVE	EXPANSION VALVE
Drain Conn. Size (in.)	3/4 FEMALE NPT	3/4 FEMALE NPT	3/4 FEMALE NPT	3/4 FEMALE NPT	3/4 FEMALE NPT
OUTDOOR FAN — TYPE	PROPELLER	PROPELLER	PROPELLER	PROPELLER	PROPELLER
Dia. (in.)	23	23	23	23	23
Drive/No. Speeds	DIRECT / 1	DIRECT / 1	DIRECT / 1	DIRECT / 1	DIRECT / 1
CFM @ 0.0 in. w.g.④	2530	2530	3230	3230	3230
Motor — HP/R.P.M.	1/12 / 810	1/12 / 810	1/5 / 830	1/5 / 830	1/5 / 830
Volts/Ph/Hz	230/1/60	230/1/60	230/1/60	230/1/60	230/1/60
F.L. Amps/L.R. Amps	0.5 / 0.95	0.9 / 0.95	1.1 / 1.9	1.1 / 1.9	1.1 / 1.9
INDOOR FAN — TYPE	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL
Dia x Width (in.)	11 X 10	11 X 10	10 X 10	10 X 10	10 X 10
Drive/No. Speeds	DIRECT / 2	DIRECT / 2	DIRECT / 3	DIRECT / 3	DIRECT / 3
CFM @ 0.0 in. w.g.⑤	SEE FAN PERF TABLE	SEE FAN PERF TABLE	SEE FAN PERF TABLE	SEE FAN PERF TABLE	SEE FAN PERF TABLE
Motor — HP/R.P.M.	1/8 / 825	1/4 / 825	1/2 / 1080	1/2 / 1075	1/2 / 1075
Volts/Ph/Hz	200-230/1/60	200-230/1/60	200-230/1/60	200-230/1/60	200-230/1/60
F.L. Amps/L.R. Amps	1.0 / 1.5	1.4 / 2.8	2.0 / 4.4	2.7 / 5.8	2.7 / 5.8
FILTER / FURNISHED	NO	NO	NO	NO	NO
Type Recommended	THROWAWAY	THROWAWAY	THROWAWAY	THROWAWAY	THROWAWAY
Recmd. Face Area (sq. ft.)⑦	4.0	4.0	4.0	4.0	4.0
REFRIGERANT	R-410	R-410	R-410	R-410	R-410
Charge (lbs.)	5.94	5.8	6.3	7.75	7.75
DIMENSIONS	H X D X W	H X D X W	H X D X W	H X D X W	H X D X W
Crated (in.)	45.86 / 44.5 / 52.03	45.86 / 44.5 / 52.03	45.86 / 44.5 / 52.03	45.86 / 44.5 / 52.03	45.86 / 44.5 / 52.03
WEIGHT					
Shipping (lbs.) / Net (lbs.)	444 / 348	444 / 348	445 / 349	450 / 354	450 / 354

① Rated in accordance with A.R.I. Standard 210/240.

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

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

④ Standard Air -- Dry Coil -- Outdoor.

⑤ Standard Air -- Dry Coil -- Indoor.

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

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

General Data

MODEL	4TCC3036A4000A	4TCC3042A1000A	4TCC3048A1000A	4TCC3048A3000A	4TCC3048A4000A
RATED Volts/PH/Hz	460/3/60	208-230/1/60	208-230/1/60	208-230/3/60	460/3/60
Performance Cooling BTUH①	35000	40000	46500	46500	46500
Indoor Airflow (CFM)	1200	1450	1600	1600	1600
Power Input (KW)	3.18	3.64	4.23	4.23	4.23
EER/SEER (BTU/Watt-Hr.)⑥	11.0 / 13.0	11.0 / 13.0	11.0 / 13.0	11.0 / 13.0	11.0 / 13.0
Sound Power Rating [dB(A)]②	76	78	80	80	80
POWER CONN.—V/Ph/Hz	460/3/60	208-230/1/60	208-230/1/60	208-230/3/60	460/3/60
Min. Brch. Cir. Ampacity③	8.7	27.9	31.1	23.6	11.7
Fuse Size — Max. (amps)	15	45	50	35	15
Fuse Size — Recmd. (amps)	15	45	50	35	15
COMPRESSOR	SCROLL	SCROLL	SCROLL	SCROLL	SCROLL
Volts/Ph/Hz	460/3/60	208-230/1/60	208-230/1/60	208-230/3/60	460/3/60
R.L. Amps — L.R. Amps	5.1 / 35	19.2 / 104	20.5 / 109	14.6 / 91	7.1 / 46
OUTDOOR COIL — TYPE	SPINE-FIN	SPINE-FIN	SPINE-FIN	SPINE-FIN	SPINE-FIN
Rows/F.P.I.	2 / 24	2 / 24	2 / 24	2 / 24	2 / 24
Face Area (sq.ft.)	13.32	18.01	18.01	18.01	18.01
Tube Size (in.)	3/8	3/8	3/8	3/8	3/8
INDOOR COIL — TYPE	PLATE FIN	PLATE FIN	PLATE FIN	PLATE FIN	PLATE FIN
Rows/F.P.I.	4 / 15	3 / 15	3 / 15	3 / 15	3 / 15
Face Area (sq.ft.)	3.54	5	5	5	5
Tube Size (in.)	3/8	3/8	3/8	3/8	3/8
Refrigerant Control	EXPANSION VALVE	EXPANSION VALVE	EXPANSION VALVE	EXPANSION VALVE	EXPANSION VALVE
Drain Conn. Size (in.)	3/4 FEMALE NPT	3/4 FEMALE NPT	3/4 FEMALE NPT	3/4 FEMALE NPT	3/4 FEMALE NPT
OUTDOOR FAN — TYPE	PROPELLER	PROPELLER	PROPELLER	PROPELLER	PROPELLER
Dia. (in.)	23	27.6	27.6	27.6	27.6
Drive/No. Speeds	DIRECT / 1	DIRECT / 1	DIRECT / 1	DIRECT / 1	DIRECT / 1
CFM @ 0.0 in. w.g.④	3230	4380	4380	4380	4380
Motor — HP/R.P.M.	1/5 / 830	1/4 / 825	1/4 / 825	1/4 / 825	1/4 / 825
Volts/Ph/Hz	230/1/60	230/1/60	230/1/60	230/1/60	460/1/60
F.L. Amps/L.R. Amps	0.6 / 1.3	1.4 / 3.5	1.4 / 3.5	1.4 / 3.5	0.7 / 1.6
INDOOR FAN — TYPE	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL
Dia x Width (in.)	10 X 10	10 X 10	10 X 10	10 X 10	10 X 10
Drive/No. Speeds	DIRECT / 2	DIRECT / 3	DIRECT / 3	DIRECT / 3	DIRECT / 2
CFM @ 0.0 in. w.g.⑤	SEE FAN PERF TABLE	SEE FAN PERF TABLE	SEE FAN PERF TABLE	SEE FAN PERF TABLE	SEE FAN PERF TABLE
Motor — HP/R.P.M.	1/2 / 1075	1/2 / 1075	3/4 / 1080	3/4 / 1080	3/4 / 1080
Volts/Ph/Hz	460/1/60	200-230/1/60	200-230/1/60	200-230/1/60	460/1/60
F.L. Amps/L.R. Amps	1.7 / 3.12	2.5 / 3.2	4.0 / 8.4	4.0 / 8.4	2.2 / 4.36
FILTER / FURNISHED	NO	NO	NO	NO	NO
Type Recommended	THROWAWAY	THROWAWAY	THROWAWAY	THROWAWAY	THROWAWAY
Recmd. Face Area (sq. ft.)⑦	4.0	5.3	5.3	5.3	5.3
REFRIGERANT	R-410	R-410	R-410	R-410	R-410
Charge (lbs.)	7.75	8.1	8.2	8.2	8.2
DIMENSIONS	H X D X W	H X D X W	H X D X W	H X D X W	H X D X W
Crated (in.)	45.86 / 44.5 / 52.03	47.86 / 47.4 / 61.75	47.86 / 47.4 / 61.75	47.86 / 47.4 / 61.75	47.86 / 47.4 / 61.75
WEIGHT					
Shipping (lbs.) / Net (lbs.)	450 / 354	523 / 395	607 / 479	607 / 479	607 / 479

① Rated in accordance with A.R.I. Standard 210/240.

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

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

④ Standard Air -- Dry Coil -- Outdoor.

⑤ Standard Air -- Dry Coil -- Indoor.

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

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

General Data

MODEL	4TCC3060A1000A	4TCC3060A3000A	4TCC3060A4000A
RATED Volts/PH/Hz	208-230/1/60	208-230/3/60	460/3/60
Performance Cooling BTUH①	58000	58000	58000
Indoor Airflow (CFM)	1800	1800	1800
Power Input (KW)	5.27	5.27	5.27
EER/SEER (BTU/Watt-Hr.)⑥	11.0 / 13.0	11.0 / 13.0	11.0 / 13.0
Sound Power Rating [dB(A)]②	79	79	79
POWER CONN.—V/Ph/Hz	208-230/1/60	208-230/3/60	460/3/60
Min. Brch. Cir. Ampacity③	43.5	31.7	19.5
Fuse Size — Max. (amps)	60	50	25
Fuse Size — Recmd. (amps)	60	50	25
COMPRESSOR	SCROLL	SCROLL	SCROLL
Volts/Ph/Hz	208-230/1/60	208-230/3/60	460/3/60
R.L. Amps — L.R. Amps	27.5 / 158	18.1 / 137	9.0 / 62
OUTDOOR COIL — TYPE	SPINE-FIN	SPINE-FIN	SPINE-FIN
Rows/F.P.I.	2 / 24	2 / 24	2 / 24
Face Area (sq.ft.)	20.54	20.54	20.54
Tube Size (in.)	3/8	3/8	3/8
INDOOR COIL — TYPE	PLATE FIN	PLATE FIN	PLATE FIN
Rows/F.P.I.	4 / 15	4 / 15	4 / 15
Face Area (sq.ft.)	5	5	5
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.)	27.6	27.6	27.6
Drive/No. Speeds	DIRECT / 1	DIRECT / 1	DIRECT / 1
CFM @ 0.0 in. w.g.④	4380	4380	4380
Motor — HP/R.P.M.	1/4 / 825	1/4 / 825	1/4 / 825
Volts/Ph/Hz	230/1/60	230/1/60	460/1/60
F.L. Amps/L.R. Amps	1.4 / 3.5	1.4 / 3.5	0.7 / 1.6
INDOOR FAN — TYPE	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL
Dia x Width (in.)	11 X 10	11 X 10	11 X 10
Drive/No. Speeds	DIRECT / 3	DIRECT / 3	DIRECT / 3
CFM @ 0.0 in. w.g.⑤	SEE FAN PERF TABLE	SEE FAN PERF TABLE	SEE FAN PERF TABLE
Motor — HP/R.P.M.	1 / 1075	1 / 1075	1 / 1075
Volts/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60
F.L. Amps/L.R. Amps	7.6 / 7.4	7.6 / 7.4	7.6 / 7.4
FILTER / FURNISHED	NO	NO	NO
Type Recommended	THROWAWAY	THROWAWAY	THROWAWAY
Recmd. Face Area (sq. ft.)⑦	5.3	5.3	5.3
REFRIGERANT	R-410	R-410	R-410
Charge (lbs.)	10.0	10.0	10.0
DIMENSIONS	H X D X W	H X D X W	H X D X W
Crated (in.)	49.86 / 47.4 / 61.75	49.86 / 47.4 / 61.75	49.86 / 47.4 / 61.75
WEIGHT			
Shipping (lbs.) / Net (lbs.)	610 / 482	610 / 482	610 / 482

① Rated in accordance with A.R.I. Standard 210/240.

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

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

④ Standard Air -- Dry Coil -- Outdoor.

⑤ Standard Air -- Dry Coil -- Indoor.

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

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

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.

Single Power Entry Kit Data

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

SINGLE POWER ENTRY KIT	HEATER MODEL	UNIT MODEL	MIN CKT. AMP.	MAX OVER CURRENT PROTECT DEVICE
BAYSPEK06IE	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
BAYSPEK06IE	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

SINGLE POWER ENTRY KIT	HEATER MODEL	CHECK	UNIT MODEL	MIN CKT. AMP.	MAX OVER CURRENT PROTECT DEVICE
BAYSPEK062F	BAYHTRV105E		4TC*3060AI	44	70
			2WC*3060AI	67	80
			4WC*3042AI	58	70
			4WC*3048AI	57	70
			4WC*3060AI	70	90
			4WCY4042AI	58	70
			4WCY4048AI	60	70
			4WCY4048BI	62	70
			4WCY4060AI	68	90
			4WCY4060BI	66	80
			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*3030AI	61	70
			4WC*3036AI	67	70
			4WC*3042AI	73	80
			4WC*3048AI	73	80
			4WC*3060AI	85	100
			4WCY4030AI	61	70
			4WCY4036AI	66	70
			4WCY4036BI	66	70
			4WCY4042AI	73	80
			4WCY4048AI	76	80
			4WCY4048BI	77	90
			4WCY4060AI	84	100
			4WCY4060BI	82	90
			4WCZ6036AI	68	70
			4WCZ6048AI	76	80
			4WCZ6060AI	79	90
	BAYHTRV110E		4TC*3060AI	62	70
			4TCY4042AI	61	70
			4TCY4042BI	61	70
			4TCY4048AI	61	70
			4TCY4048BI	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*3024AI	68	70
			4WC*3024BI	66	70
			4WC*3030AI	71	80
			4WC*3036AI	78	80
			4WC*3042AI	84	90
			4WC*3048AI	83	90
			4WC*3060AI	96	110
			4WCY4024AI	68	70
			4WCY4030AI	71	80
			4WCY4036AI	77	80
			4WCY4036BI	77	80
			4WCY4042AI	84	90
			4WCY4048AI	86	90
			4WCY4048BI	88	90
			4WCY4060AI	94	110
			4WCY4060BI	92	100
			4WCZ6036AI	78	80
			4WCZ6048AI	86	90
			4WCZ6060AI	89	100
BAYSPEK063F	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
			4TCY4036BI	84	90
			4TCY4042AI	87	90
			4TCY4042BI	87	90
			4TCY4048AI	87	90
			4TCY4048BI	87	90
			4TCY4060AI	87	90
			2WC*3030AI	95	100
			2WC*3036AI	102	110
			2WC*3042AI	103	110
			2WC*3048AI	107	110
			2WC*3060AI	119	125
			4WC*3030AI	97	100
			4WC*3036AI	104	110
			4WC*3042AI	110	110
			4WC*3048AI	109	110
			4WC*3060AI	122	125
			4WCY4030AI	97	100
			4WCY4036AI	103	110
			4WCY4036BI	103	110
			4WCY4042AI	110	110
			4WCY4048AI	112	125
			4WCY4048BI	114	125
			4WCY4060AI	120	125
			4WCY4060BI	118	125
			4WCZ6036AI	104	110
			4WCZ6048AI	112	125
			4WCZ6060AI	115	125
	BAYHTRV120E		4TC*3048AI	109	110
			4TC*3060AI	114	125
			4TCY4042AI	113	125
			4TCY4042BI	113	125
			4TCY4048AI	113	125
			4TCY4048BI	113	125
			4TCY4060AI	113	125
			2WC*3048AI	133	150
			2WC*3060AI	145	150
			4WC*3042AI	136	150
			4WC*3048AI	135	150
			4WC*3060AI	148	150
			4WCY4042AI	136	150
			4WCY4048AI	138	150
			4WCY4048BI	140	150
			4WCY4060AI	146	150
			4WCY4060BI	144	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.

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

D932299P05

Performance Data Cooling

4TCC3018A1 AT 600 NOM CFM (COOLING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE)

OD Amb	ID WB	TOTAL CAP	SENS CAP AT ENTERING DB TEMP 72	75	78	80	TOTAL KW
85		25.6	25.1	24.9	24.6	3.7	3.9
	59.0	17.9	14.2	15.9	17.6	17.5	1.6
	63.0	18.8	11.6	13.4	15.1	16.2	1.6
	67.0	20.1	9.2	10.9	12.6	13.8	1.6
	71.0	21.8	6.8	8.6	10.3	11.4	1.6
95	59.0	15.7	13.2	14.9	15.7	15.7	1.6
	63.0	16.5	10.7	12.4	14.1	15.3	1.6
	67.0	17.6	8.2	9.9	11.7	12.8	1.7
	71.0	19.1	5.9	7.6	9.3	10.5	1.7
105	59.0	13.5	12.3	13.4	13.5	13.5	1.7
	63.0	14.2	9.8	11.5	13.2	14.2	1.7
	67.0	15.2	7.4	9.1	10.8	11.9	1.7
	71.0	16.5	5.0	6.8	8.4	9.6	1.7
115	59.0	11.4	11.4	11.4	11.4	11.4	1.7
	63.0	11.9	8.9	10.6	11.9	11.9	1.7
	67.0	12.7	6.5	8.1	9.9	11.0	1.8
	71.0	13.8	4.1	5.8	7.6	8.7	1.8

USE THE FOLLOWING FACTORS TO COMPENSATE FOR DIFFERENT AIR FLOW

	AIR FLOW RATE, CFM	CAPACITY MULTIPLIER	TOTAL POWER MULTIPLIER
LOW	525	0.98	0.99
HIGH	675	1.02	1.01

A.H.R.I RATING FOR COOLING

CFM	CAPACITY (A) TEST	SEER	EER
675	18000	13	11

A.H.R.I. Standard Capacity Rating Conditions

A.H.R.I. 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.

4TCC3024A1 AT 800 NOM CFM (COOLING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE)

OD Amb	ID WB	TOTAL CAP	SENS CAP AT ENTERING DB TEMP 72	75	78	80	TOTAL KW
85		25.6	25.1	24.9	24.6	3.7	3.9
	59.0	23.9	19.1	21.4	23.6	23.6	1.9
	63.0	25.1	15.7	18.0	20.2	21.7	1.9
	67.0	26.8	12.5	14.8	17.0	18.5	2.0
	71.0	29.1	9.4	11.6	13.9	15.4	2.0
95	59.0	20.9	17.7	20.0	20.9	20.9	2.0
	63.0	21.9	14.4	16.6	18.9	20.4	2.1
	67.0	23.4	11.2	13.4	15.7	17.2	2.1
	71.0	25.4	8.1	10.4	12.6	14.1	2.1
105	59.0	17.9	16.4	17.9	17.9	17.9	2.1
	63.0	18.8	13.1	15.4	17.7	18.8	2.2
	67.0	20.0	9.9	12.2	14.5	16.0	2.2
	71.0	21.7	6.9	9.1	11.4	12.9	2.2
115	59.0	14.9	14.9	14.9	14.9	14.9	2.2
	63.0	15.6	11.9	14.1	15.6	15.6	2.3
	67.0	16.7	8.8	11.1	13.3	14.8	2.3
	71.0	18.1	5.7	7.9	10.2	11.7	2.3

USE THE FOLLOWING FACTORS TO COMPENSATE FOR DIFFERENT AIR FLOW

	AIR FLOW RATE, CFM	CAPACITY MULTIPLIER	TOTAL POWER MULTIPLIER
LOW	700	0.98	0.99
HIGH	900	1.02	1.01

A.H.R.I RATING FOR COOLING

CFM	CAPACITY (A) TEST	SEER	EER
725	23000	13	11

A.H.R.I. Standard Capacity Rating Conditions

A.H.R.I. 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.

4TCC3030A1 AT 1000 NOM CFM (COOLING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE)

OD Amb	ID WB	TOTAL CAP	SENS CAP AT ENTERING DB TEMP 72	75	78	80	TOTAL KW
85		25.6	25.1	24.9	24.6	3.7	3.9
	59.0	28.2	23.1	26.0	28.2	28.2	2.4
	63.0	29.5	18.8	21.6	24.5	26.4	2.4
	67.0	31.5	14.7	17.5	20.4	22.3	2.4
	71.0	34.2	10.8	13.6	16.5	18.4	2.4
95	59.0	25.0	21.7	24.3	25.0	25.0	2.5
	63.0	26.2	17.4	20.3	23.2	25.1	2.5
	67.0	28.0	13.4	16.2	19.1	21.0	2.6
	71.0	30.4	9.5	12.4	15.2	17.1	2.6
105	59.0	21.8	20.3	21.8	21.8	21.8	2.6
	63.0	22.9	16.1	19.0	21.8	22.9	2.6
	67.0	24.5	12.1	14.9	17.8	19.7	2.7
	71.0	26.5	8.2	11.1	13.9	15.8	2.7
115	59.0	18.7	18.7	18.7	18.7	18.7	2.7
	63.0	19.6	14.8	17.6	19.6	19.6	2.8
	67.0	20.9	10.8	13.7	16.6	18.5	2.8
	71.0	22.7	7.0	9.9	12.7	14.6	2.8

USE THE FOLLOWING FACTORS TO COMPENSATE FOR DIFFERENT AIR FLOW

	AIR FLOW RATE, CFM	CAPACITY MULTIPLIER	TOTAL POWER MULTIPLIER
LOW	875	0.98	0.99
HIGH	1125	1.02	1.01

A.H.R.I RATING FOR COOLING

CFM	CAPACITY (A) TEST	SEER	EER
1000	28000	13	11

A.H.R.I. Standard Capacity Rating Conditions

A.H.R.I. 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 Cooling

4TCC3036A1 AT 1200 NOM CFM (COOLING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE)

OD Amb	ID WB	TOTAL CAP	SENS CAP AT ENTERING DB TEMP 72	75	78	80	TOTAL KW
85		25.6	25.1	24.9	24.6	3.7	3.9
	59.0	34.7	28.6	32.2	34.7	34.7	3.0
	63.0	36.4	23.3	26.9	30.4	32.8	3.0
	67.0	38.8	18.2	21.8	25.3	27.7	3.0
	71.0	42.1	13.3	16.9	20.4	22.8	3.0
95	59.0	31.2	27.1	30.3	31.2	31.2	3.1
	63.0	32.8	21.8	25.4	29.0	31.3	3.2
	67.0	35.0	16.8	20.3	23.9	26.3	3.2
	71.0	38.0	11.9	15.4	19.0	21.4	3.2
105	59.0	27.8	25.6	27.8	27.8	27.8	3.3
	63.0	29.2	20.4	24.0	27.5	29.2	3.3
	67.0	31.2	15.4	18.9	22.5	24.9	3.4
	71.0	33.8	10.5	14.0	17.6	20.0	3.4
115	59.0	24.4	24.1	24.4	24.4	24.4	3.5
	63.0	25.6	19.0	22.5	25.6	25.6	3.5
	67.0	27.3	13.9	17.5	21.1	23.5	3.5
	71.0	29.6	9.1	12.6	16.2	18.6	3.6

USE THE FOLLOWING FACTORS TO COMPENSATE FOR DIFFERENT AIR FLOW

	AIR FLOW RATE, CFM	CAPACITY MULTIPLIER	TOTAL POWER MULTIPLIER
LOW	1050	0.98	0.99
HIGH	1350	1.02	1.01

A.H.R.I RATING FOR COOLING

CFM	CAPACITY (A) TEST	SEER	EER
1200	35000	13	11

A.H.R.I. Standard Capacity Rating Conditions

A.H.R.I. 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.

4TCC3036A3/4 AT 1200 NOM CFM (COOLING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE)

OD Amb	ID WB	TOTAL CAP	SENS CAP AT ENTERING DB TEMP 72	75	78	80	TOTAL KW
85		25.6	25.1	24.9	24.6	3.7	3.9
	59.0	34.7	28.6	32.2	34.7	34.7	3.0
	63.0	36.4	23.3	26.9	30.4	32.8	3.0
	67.0	38.8	18.2	21.8	25.3	27.7	3.0
	71.0	42.1	13.3	16.9	20.4	22.8	3.0
95	59.0	31.2	27.1	30.3	31.2	31.2	3.1
	63.0	32.8	21.8	25.4	29.0	31.3	3.2
	67.0	35.0	16.8	20.3	23.9	26.3	3.2
	71.0	38.0	11.9	15.4	19.0	21.4	3.2
105	59.0	27.8	25.6	27.8	27.8	27.8	3.3
	63.0	29.2	20.4	24.0	27.5	29.2	3.3
	67.0	31.2	15.4	18.9	22.5	24.9	3.4
	71.0	33.8	10.5	14.0	17.6	20.0	3.4
115	59.0	24.4	24.1	24.4	24.4	24.4	3.5
	63.0	25.6	19.0	22.5	25.6	25.6	3.5
	67.0	27.3	13.9	17.5	21.1	23.5	3.5
	71.0	29.6	9.1	12.6	16.2	18.6	3.6

USE THE FOLLOWING FACTORS TO COMPENSATE FOR DIFFERENT AIR FLOW

	AIR FLOW RATE, CFM	CAPACITY MULTIPLIER	TOTAL POWER MULTIPLIER
LOW	1050	0.98	0.99
HIGH	1350	1.02	1.01

A.H.R.I RATING FOR COOLING

CFM	CAPACITY (A) TEST	SEER	EER
1200	35000	13	11

A.H.R.I. Standard Capacity Rating Conditions

A.H.R.I. 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.

4TCC3042A1 AT 1400 NOM CFM (COOLING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE)

OD Amb	ID WB	TOTAL CAP	SENS CAP AT ENTERING DB TEMP 72	75	78	80	TOTAL KW
85		25.6	25.1	24.9	24.6	3.7	3.9
	59.0	40.6	32.7	36.7	40.6	40.6	3.5
	63.0	42.6	26.7	30.6	34.7	37.3	3.5
	67.0	45.5	21.0	25.0	29.0	31.6	3.6
	71.0	49.4	15.5	19.5	23.5	26.1	3.6
95	59.0	35.5	30.4	34.2	35.5	35.5	3.6
	63.0	37.2	24.5	28.5	32.4	35.1	3.6
	67.0	39.8	18.8	22.8	26.8	29.5	3.7
	71.0	43.1	13.3	17.3	21.3	24.0	3.7
105	59.0	30.3	28.1	30.3	30.3	30.3	3.7
	63.0	31.8	22.3	26.3	30.3	31.8	3.7
	67.0	34.0	16.7	20.7	24.7	27.3	3.7
	71.0	36.9	11.2	15.2	19.2	21.9	3.8
115	59.0	25.2	25.2	25.2	25.2	25.2	3.8
	63.0	26.4	20.2	24.2	26.4	26.4	3.8
	67.0	28.2	14.6	18.6	22.6	25.3	3.8
	71.0	30.6	9.2	13.2	17.2	19.8	3.9

USE THE FOLLOWING FACTORS TO COMPENSATE FOR DIFFERENT AIR FLOW

	AIR FLOW RATE, CFM	CAPACITY MULTIPLIER	TOTAL POWER MULTIPLIER
LOW	1225	0.98	0.99
HIGH	1575	1.02	1.01

A.H.R.I RATING FOR COOLING

CFM	CAPACITY (A) TEST	SEER	EER
1450	40000	13	11

A.H.R.I. Standard Capacity Rating Conditions

A.H.R.I. 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 Cooling

4TCC3048A1 AT 1600 NOM CFM (COOLING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE)

OD Amb	ID WB	TOTAL CAP	SENS CAP AT ENTERING DB TEMP 72	75	78	80	TOTAL KW
		25.6	25.1	24.9	24.6	3.7	3.9
	59.0	43.9	37.1	41.8	43.9	43.9	3.8
85	63.0	46.0	30.0	34.7	39.5	42.6	3.8
	67.0	49.2	23.2	28.0	32.7	35.9	3.9
	71.0	53.4	16.7	21.5	26.2	29.4	3.9
	59.0	41.5	36.0	40.3	41.5	41.5	4.2
95	63.0	43.5	29.0	33.7	38.5	41.6	4.2
	67.0	46.5	22.2	27.0	31.7	34.9	4.2
	71.0	50.5	15.7	20.5	25.2	28.4	4.3
	59.0	39.1	34.9	38.6	39.1	39.1	4.5
105	63.0	41.0	27.9	32.7	37.4	40.6	4.5
	67.0	43.8	21.2	26.0	30.7	33.9	4.6
	71.0	47.5	14.7	19.5	24.2	27.4	4.6
	59.0	36.7	33.9	36.7	36.7	36.7	4.8
115	63.0	38.5	26.9	31.7	36.4	38.5	4.9
	67.0	41.1	20.2	25.0	29.7	32.9	4.9
	71.0	44.6	13.7	18.5	23.2	26.4	5.0

USE THE FOLLOWING FACTORS TO COMPENSATE FOR DIFFERENT AIR FLOW

	AIR FLOW RATE, CFM	CAPACITY MULTIPLIER	TOTAL POWER MULTIPLIER
LOW	1400	0.98	0.99
HIGH	1800	1.02	1.01

A.H.R.I RATING FOR COOLING

CFM	CAPACITY (A) TEST	SEER	EER
1600	46500	13	11

A.H.R.I. Standard Capacity Rating Conditions

A.H.R.I. 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.

4TCC3048A3/4 AT 1600 NOM CFM (COOLING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE)

OD Amb	ID WB	TOTAL CAP	SENS CAP AT ENTERING DB TEMP 72	75	78	80	TOTAL KW
		25.6	25.1	24.9	24.6	3.7	3.9
	59.0	43.9	37.1	41.8	43.9	43.9	3.8
85	63.0	46.0	30.0	34.7	39.5	42.6	3.8
	67.0	49.2	23.2	28.0	32.7	35.9	3.9
	71.0	53.4	16.7	21.5	26.2	29.4	3.9
	59.0	41.5	36.0	40.3	41.5	41.5	4.2
95	63.0	43.5	29.0	33.7	38.5	41.6	4.2
	67.0	46.5	22.2	27.0	31.7	34.9	4.2
	71.0	50.5	15.7	20.5	25.2	28.4	4.3
	59.0	39.1	34.9	38.6	39.1	39.1	4.5
105	63.0	41.0	27.9	32.7	37.4	40.6	4.5
	67.0	43.8	21.2	26.0	30.7	33.9	4.6
	71.0	47.5	14.7	19.5	24.2	27.4	4.6
	59.0	36.7	33.9	36.7	36.7	36.7	4.8
115	63.0	38.5	26.9	31.7	36.4	38.5	4.9
	67.0	41.1	20.2	25.0	29.7	32.9	4.9
	71.0	44.6	13.7	18.5	23.2	26.4	5.0

USE THE FOLLOWING FACTORS TO COMPENSATE FOR DIFFERENT AIR FLOW

	AIR FLOW RATE, CFM	CAPACITY MULTIPLIER	TOTAL POWER MULTIPLIER
LOW	1400	0.98	0.99
HIGH	1800	1.02	1.01

A.H.R.I RATING FOR COOLING

CFM	CAPACITY (A) TEST	SEER	EER
1600	46500	13	11

A.H.R.I. Standard Capacity Rating Conditions

A.H.R.I. 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.

4TCC3060A1 AT 2000 NOM CFM (COOLING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE)

OD Amb	ID WB	TOTAL CAP	SENS CAP AT ENTERING DB TEMP 72	75	78	80	TOTAL KW
		25.6	25.1	24.9	24.6	3.7	3.9
	59.0	58.3	46.8	52.4	58.1	58.3	4.8
85	63.0	61.1	38.3	44.0	49.6	53.3	4.9
	67.0	65.3	30.3	35.9	41.5	45.3	4.9
	71.0	70.9	22.5	28.2	33.8	37.6	5.0
	59.0	52.8	44.3	50.0	52.8	52.8	5.1
95	63.0	55.4	36.0	41.6	47.2	51.0	5.2
	67.0	59.2	28.0	33.6	39.2	43.0	5.2
	71.0	64.2	20.2	25.9	31.5	35.2	5.3
	59.0	47.3	41.9	46.5	47.3	47.3	5.4
105	63.0	49.6	33.6	39.2	44.9	48.6	5.4
	67.0	53.0	25.7	31.3	36.9	40.7	5.5
	71.0	57.5	18.0	23.6	29.2	33.0	5.5
	59.0	41.8	39.5	41.8	41.8	41.8	5.7
115	63.0	43.9	31.4	37.0	42.6	43.9	5.7
	67.0	46.9	23.5	29.1	34.7	38.5	5.8
	71.0	50.8	15.7	21.4	27.0	30.8	5.8

USE THE FOLLOWING FACTORS TO COMPENSATE FOR DIFFERENT AIR FLOW

	AIR FLOW RATE, CFM	CAPACITY MULTIPLIER	TOTAL POWER MULTIPLIER
LOW	1750	0.98	0.99
HIGH	2250	1.02	1.01

A.H.R.I RATING FOR COOLING

CFM	CAPACITY (A) TEST	SEER	EER
1800	58000	13	11

A.H.R.I. Standard Capacity Rating Conditions

A.H.R.I. 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.

4TCC3060A3/4 AT 2000 NOM CFM (COOLING PERFORMANCE AT INDOOR DRY BULB TEMPERATURE)

OD Amb	ID WB	TOTAL CAP	SENS CAP AT ENTERING DB TEMP 72	75	78	80	TOTAL KW
		25.6	25.1	24.9	24.6	3.7	3.9
	59.0	58.3	46.8	52.4	58.1	58.3	4.8
85	63.0	61.1	38.3	44.0	49.6	53.3	4.9
	67.0	65.3	30.3	35.9	41.5	45.3	4.9
	71.0	70.9	22.5	28.2	33.8	37.6	5.0
	59.0	52.8	44.3	50.0	52.8	52.8	5.1
95	63.0	55.4	36.0	41.6	47.2	51.0	5.2
	67.0	59.2	28.0	33.6	39.2	43.0	5.2
	71.0	64.2	20.2	25.9	31.5	35.2	5.3
	59.0	47.3	41.9	46.5	47.3	47.3	5.4
105	63.0	49.6	33.6	39.2	44.9	48.6	5.4
	67.0	53.0	25.7	31.3	36.9	40.7	5.5
	71.0	57.5	18.0	23.6	29.2	33.0	5.5
	59.0	41.8	39.5	41.8	41.8	41.8	5.7
115	63.0	43.9	31.4	37.0	42.6	43.9	5.7
	67.0	46.9	23.5	29.1	34.7	38.5	5.8
	71.0	50.8	15.7	21.4	27.0	30.8	5.8

USE THE FOLLOWING FACTORS TO COMPENSATE FOR DIFFERENT AIR FLOW

	AIR FLOW RATE, CFM	CAPACITY MULTIPLIER	TOTAL POWER MULTIPLIER
LOW	1750	0.98	0.99
HIGH	2250	1.02	1.01

A.H.R.I RATING FOR COOLING

CFM	CAPACITY (A) TEST	SEER	EER
1800	58000	13	11

A.H.R.I. Standard Capacity Rating Conditions

A.H.R.I. 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 4TCC3018A1

Horizontal Airflow

4TC*3018A1 -HOR		EXTERNAL STATIC PRESSURE (IN. WG)										
MOTOR SPEED		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
LOW	WATTS	157	155	152	148	-	-	-	-	-	-	-
	CFM	715	652	578	507	-	-	-	-	-	-	-
HIGH	WATTS	-	276	267	254	239	224	210	-	-	-	-
	CFM	-	1103	1043	967	864	737	600	-	-	-	-

Down Airflow

4TC*3018A1-DOWN		EXTERNAL STATIC PRESSURE (IN. WG)										
MOTOR SPEED		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
LOW	WATTS	158	156	152	147	-	-	-	-	-	-	-
	CFM	690	641	565	479	-	-	-	-	-	-	-
HIGH	WATTS	-	269	260	251	238	224	211	206	-	-	-
	CFM	-	1038	990	929	829	696	561	485	-	-	-

Indoor Fan Performance 4TCC3024A1

Horizontal Airflow

4TC*3024A1-HOR		EXTERNAL STATIC PRESSURE (IN. WG)										
MOTOR SPEED		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
LOW	WATTS	210	206	199	190	180	170	-	-	-	-	-
	CFM	865	797	748	683	593	492	-	-	-	-	-
HIGH	WATTS	-	-	366	350	331	307	285	273	-	-	-
	CFM	-	-	1273	1179	1055	896	722	575	-	-	-

Down Airflow

4TC*3024A1-DOWN		EXTERNAL STATIC PRESSURE (IN. WG)										
MOTOR SPEED		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
LOW	WATTS	210	205	197	187	177	167	-	-	-	-	-
	CFM	825	780	730	659	563	453	-	-	-	-	-
HIGH	WATTS	-	-	357	341	326	310	294	276	-	-	-
	CFM	-	-	1181	1098	1002	881	729	550	-	-	-

Indoor Fan Performance 4TCC3030A1

Horizontal Airflow

4TC*3030A1-HOR		EXTERNAL STATIC PRESSURE (IN. WG)										
MOTOR SPEED		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
LOW	WATTS	275	267	263	258	248	-	-	-	-	-	-
	CFM	992	930	881	823	746	-	-	-	-	-	-
MEDIUM	WATTS	350	342	334	324	311	296	280	-	-	-	-
	CFM	1164	1120	1067	1002	921	826	720	-	-	-	-
HIGH	WATTS	-	-	572	558	542	523	501	473	-	-	-
	CFM	-	-	1463	1390	1306	1210	1088	912	-	-	-

Down Airflow

4TC*3030A1-DOWN		EXTERNAL STATIC PRESSURE (IN. WG)										
MOTOR SPEED		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
LOW	WATTS	275	270	264	256	245	-	-	-	-	-	-
	CFM	974	910	861	800	716	-	-	-	-	-	-
MEDIUM	WATTS	352	341	332	323	312	298	283	-	-	-	-
	CFM	1151	1096	1039	977	903	812	698	-	-	-	-
HIGH	WATTS	-	-	574	552	533	517	498	466	-	-	-
	CFM	-	-	1434	1337	1243	1151	1036	842	-	-	-

Indoor Blower Performance

Indoor Fan Performance 4TCC3036A1

Horizontal Airflow

4TC*3036A-HOR		EXTERNAL STATIC PRESSURE (IN. WG)										
MOTOR SPEED		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
LOW	WATTS	351	342	335	327	314	-	-	-	-	-	-
	CFM	1154	1111	1067	1008	930	-	-	-	-	-	-
MEDIUM	WATTS	447	434	424	412	397	378	-	-	-	-	-
	CFM	1348	1301	1251	1189	1110	1012	-	-	-	-	-
HIGH	WATTS	-	-	675	658	640	619	594	563	-	-	-
	CFM	-	-	1545	1490	1418	1311	1169	1012	-	-	-

Down Airflow

4TC*3036A-DOWN		EXTERNAL STATIC PRESSURE (IN. WG)										
MOTOR SPEED		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
LOW	WATTS	349	341	331	319	305	-	-	-	-	-	-
	CFM	1138	1083	1017	948	878	-	-	-	-	-	-
MEDIUM	WATTS	450	433	420	407	392	374	-	-	-	-	-
	CFM	1325	1263	1200	1133	1058	970	-	-	-	-	-
HIGH	WATTS	-	-	669	652	631	605	579	562	-	-	-
	CFM	-	-	1517	1436	1336	1219	1095	980	-	-	-

Indoor Fan Performance 4TCC3042A1

Horizontal Airflow

4TC*3042A1-HOR		EXTERNAL STATIC PRESSURE (IN. WG)										
MOTOR SPEED		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
LOW	WATTS	458	450	447	443	436	424	409	395	-	-	-
	CFM	1320	1290	1278	1266	1243	1205	1156	1104	-	-	-
MEDIUM	WATTS	544	542	535	526	515	503	487	463	426	-	-
	CFM	1501	1506	1490	1466	1440	1408	1362	1282	1143	-	-
HIGH	WATTS	-	633	621	610	595	574	548	519	492	-	-
	CFM	-	1705	1686	1663	1628	1578	1508	1416	1300	-	-

Down Airflow

4TC*3042A1-DWN		EXTERNAL STATIC PRESSURE (IN. WG)										
MOTOR SPEED		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
LOW	WATTS	455	447	443	438	430	417	402	388	-	-	-
	CFM	1328	1311	1290	1266	1239	1204	1151	1064	-	-	-
MEDIUM	WATTS	540	526	520	513	502	485	464	442	428	-	-
	CFM	1533	1506	1483	1457	1424	1379	1319	1240	1138	-	-
HIGH	WATTS	-	606	596	588	575	556	529	503	486	493	-
	CFM	-	1681	1654	1631	1594	1535	1455	1365	1284	1240	-

Indoor Blower Performance

Indoor Fan Performance 4TCC3048A1

Horizontal Airflow

4TC*3048A1 -HOR		EXTERNAL STATIC PRESSURE (IN. WG)										
MOTOR SPEED		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
LOW	WATTS	585	575	563	546	526	502	476	-	-	-	-
	CFM	1530	1520	1494	1455	1405	1343	1270	-	-	-	-
MED	WATTS	699	689	671	647	619	587	550	510	-	-	-
	CFM	1810	1783	1743	1691	1627	1548	1450	1325	-	-	-
HIGH	WATTS	-	966	944	914	878	837	794	753	721	-	-
	CFM	-	2217	2157	2086	1993	1874	1740	1611	1519	-	-

Down Airflow

4TC*3048A1 -DOWN		EXTERNAL STATIC PRESSURE (IN. WG)										
MOTOR SPEED		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
LOW	WATTS	573	565	547	524	503	483	462	-	-	-	-
	CFM	1533	1519	1478	1426	1372	1315	1248	-	-	-	-
MED	WATTS	677	659	639	615	589	561	531	498	-	-	-
	CFM	1771	1734	1688	1632	1567	1490	1398	1290	-	-	-
HIGH	WATTS	-	909	882	859	832	797	759	726	712	-	-
	CFM	-	2095	2024	1956	1873	1769	1651	1537	1456	-	-

Indoor Fan Performance 4TCC3060A1

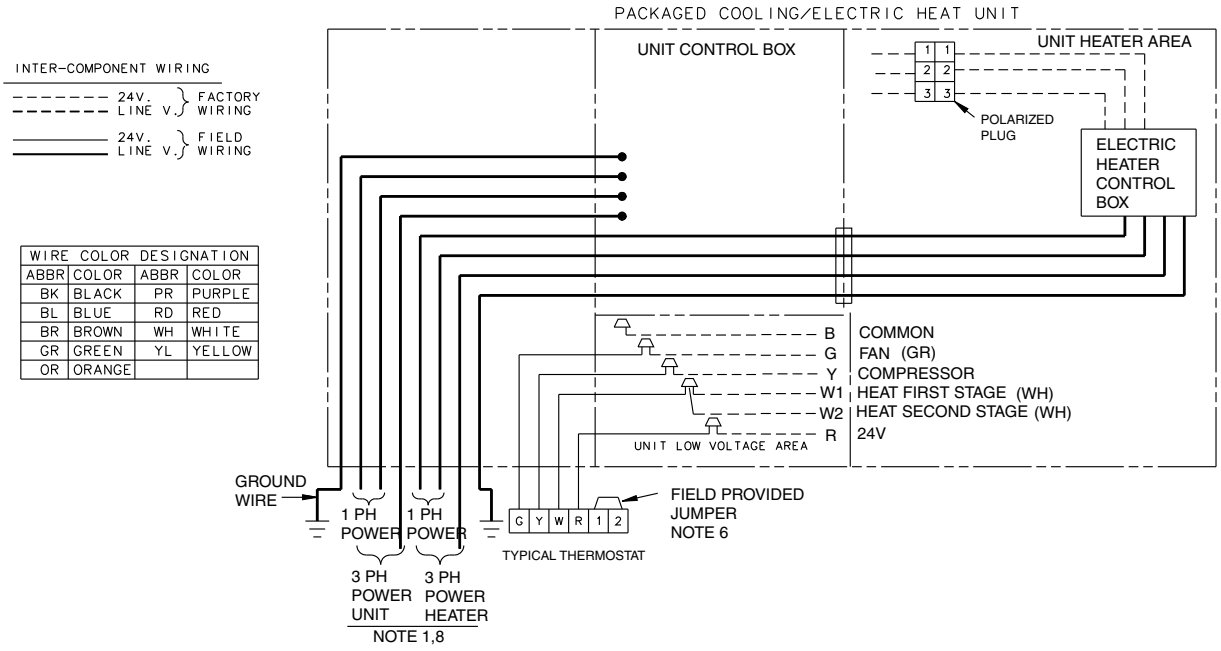
Horizontal Airflow

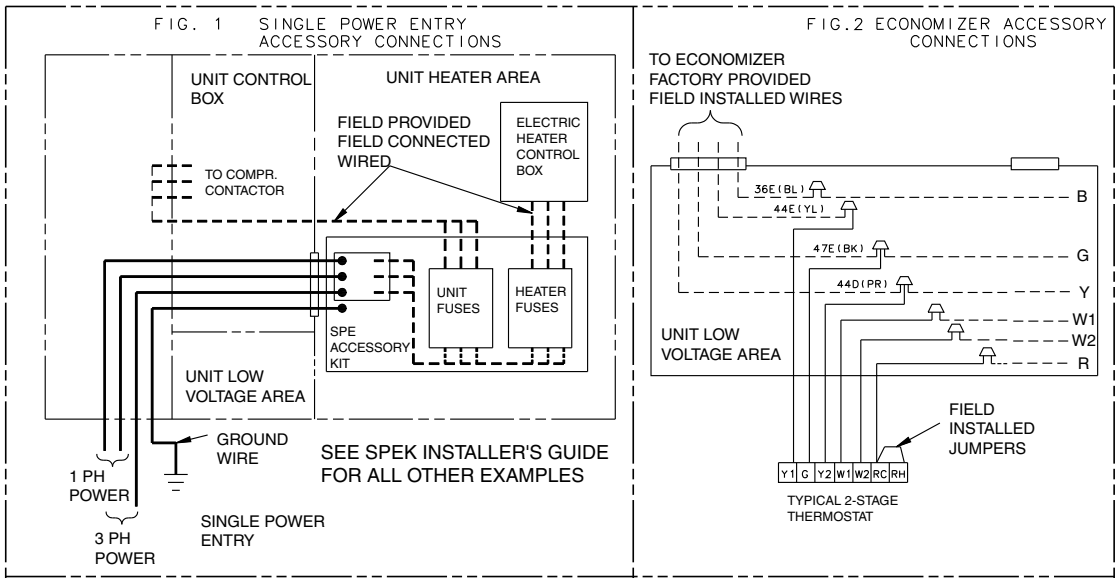
4TC*3060A-HOR		EXTERNAL STATIC PRESSURE (IN. WG)										
MOTOR SPEED		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
LOW	WATTS	475	482	497	513	527	540	551	566	-	-	-
	CFM	1935	1888	1855	1826	1796	1762	1728	1698	-	-	-
MEDIUM	WATTS	602	639	656	665	675	689	706	722	729	-	-
	CFM	2081	2076	2051	2018	1987	1959	1934	1905	1860	-	-
HIGH	WATTS	-	-	775	789	802	816	831	844	854	856	-
	CFM	-	-	2173	2144	2114	2083	2050	2018	1990	1973	-

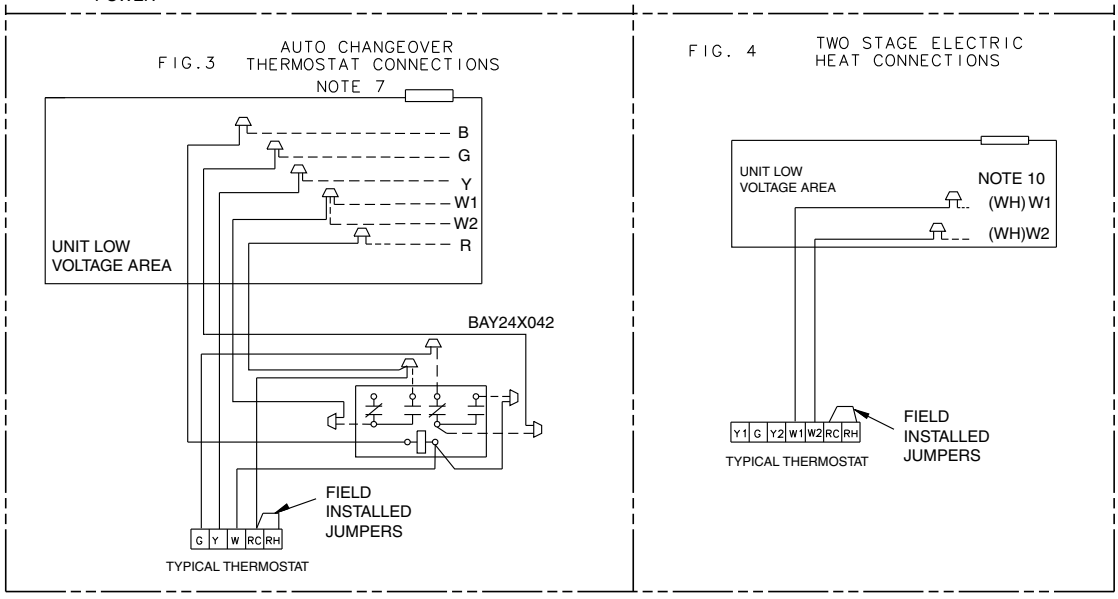
Down Airflow

4TC*3060A-DOWN		EXTERNAL STATIC PRESSURE (IN. WG)										
MOTOR SPEED		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
LOW	WATTS	498	510	523	536	548	560	573	589	-	-	-
	CFM	1902	1854	1827	1805	1777	1740	1697	1659	-	-	-
MEDIUM	WATTS	649	668	683	695	707	720	734	747	756	-	-
	CFM	2099	2063	2024	1989	1959	1934	1908	1874	1820	-	-
HIGH	WATTS	-	798	813	824	834	843	853	865	879	897	-
	CFM	-	2176	2150	2112	2076	2046	2021	1992	1943	1851	-

Typical Field Wiring







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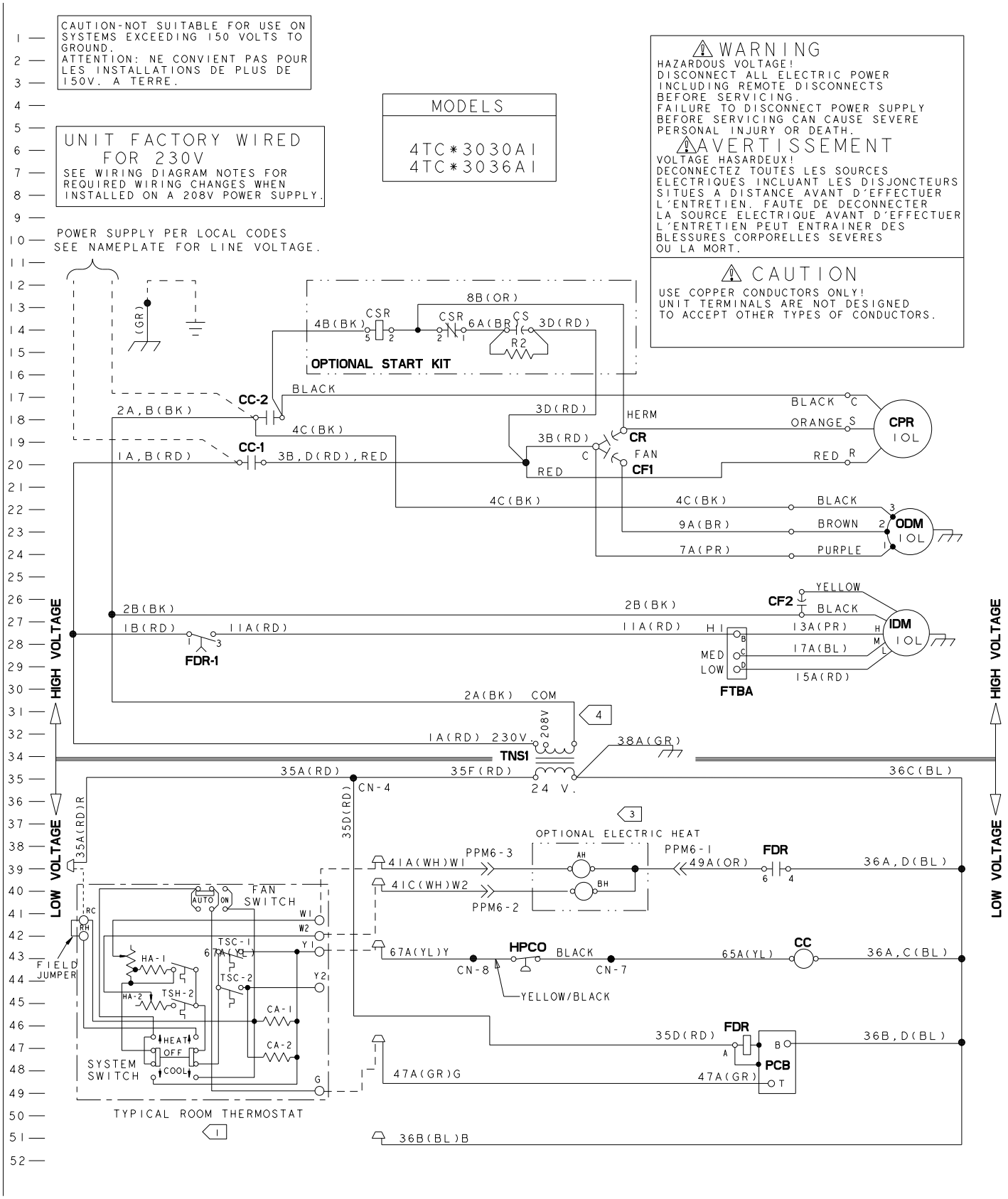
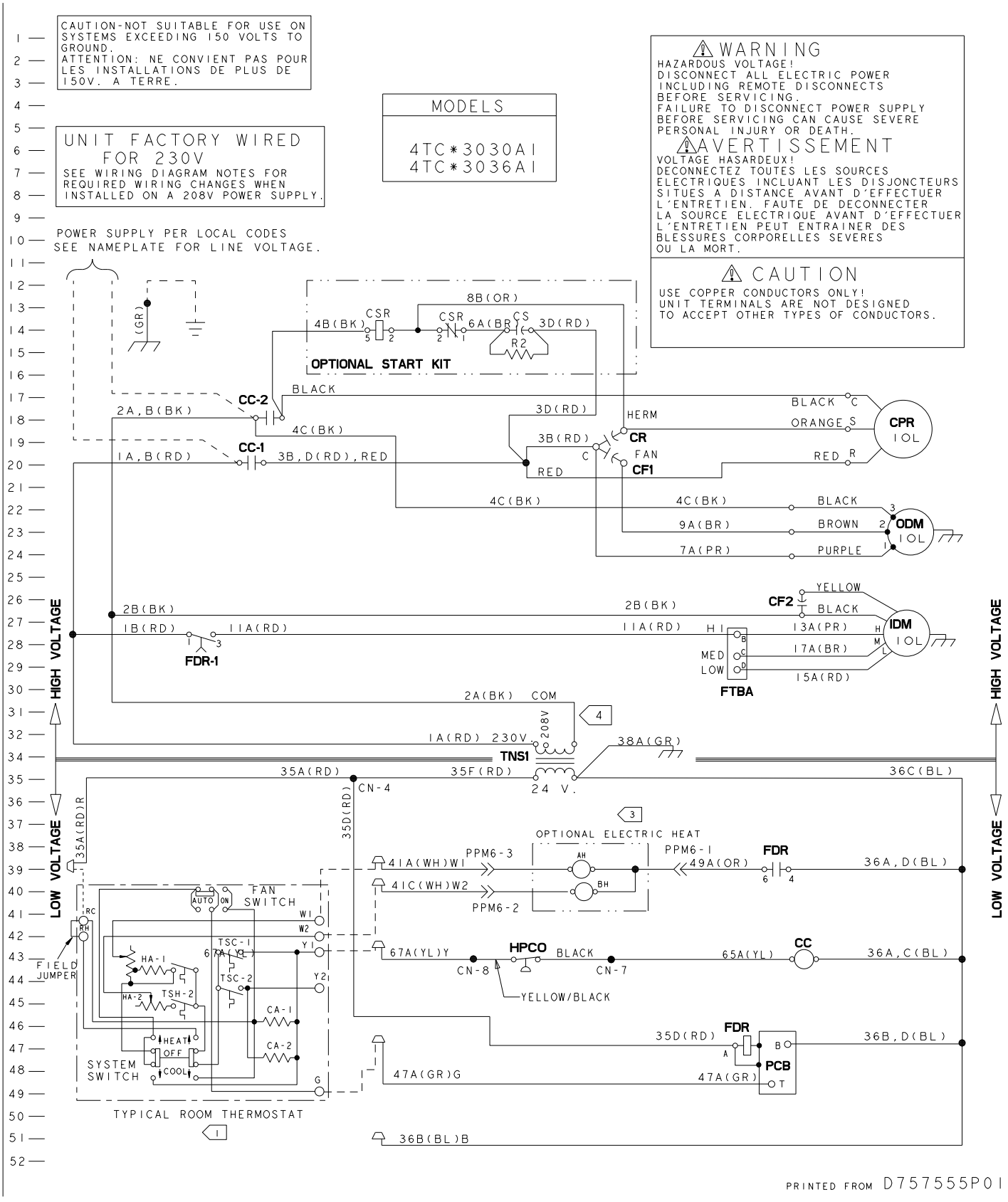
Typical Wiring

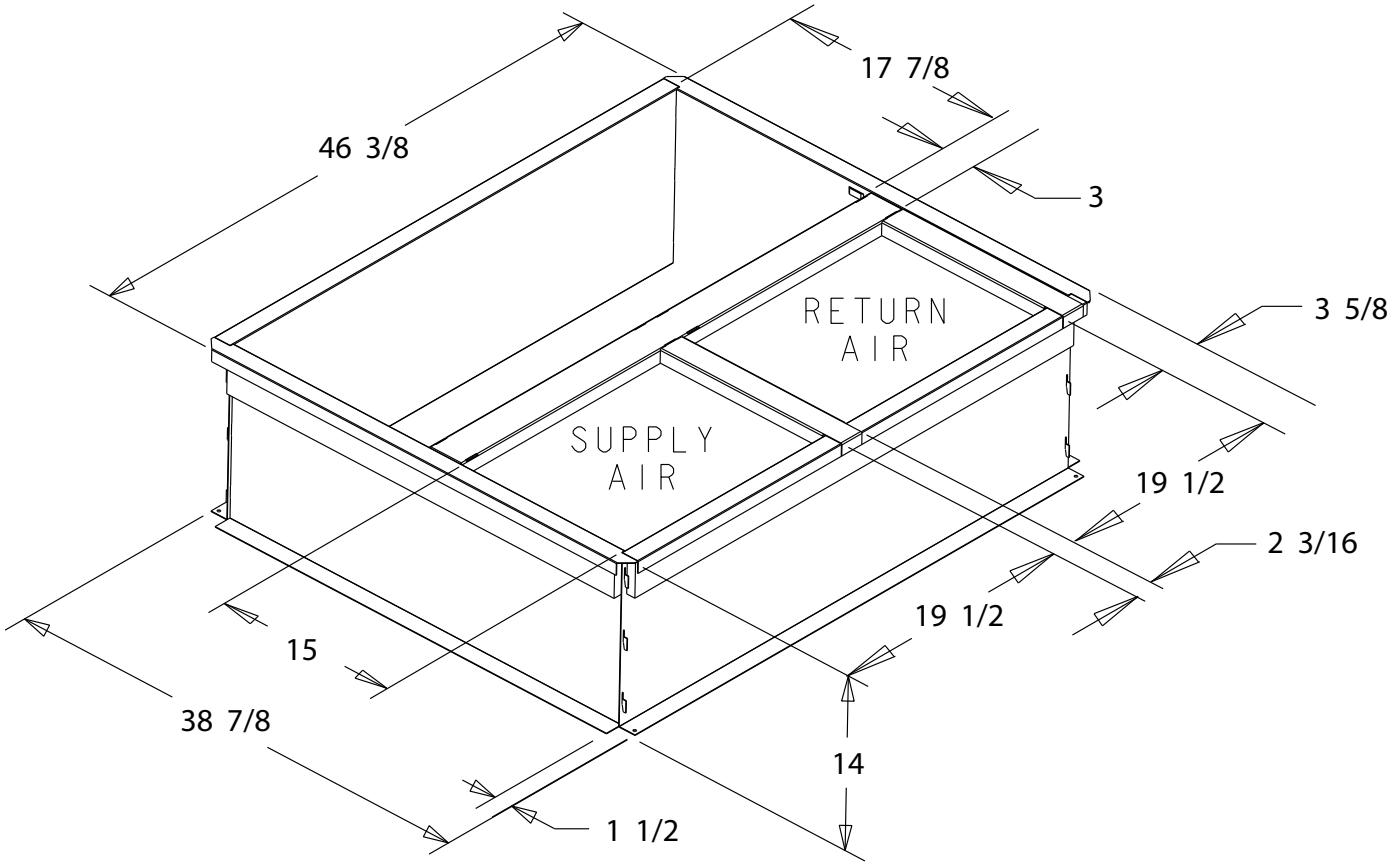


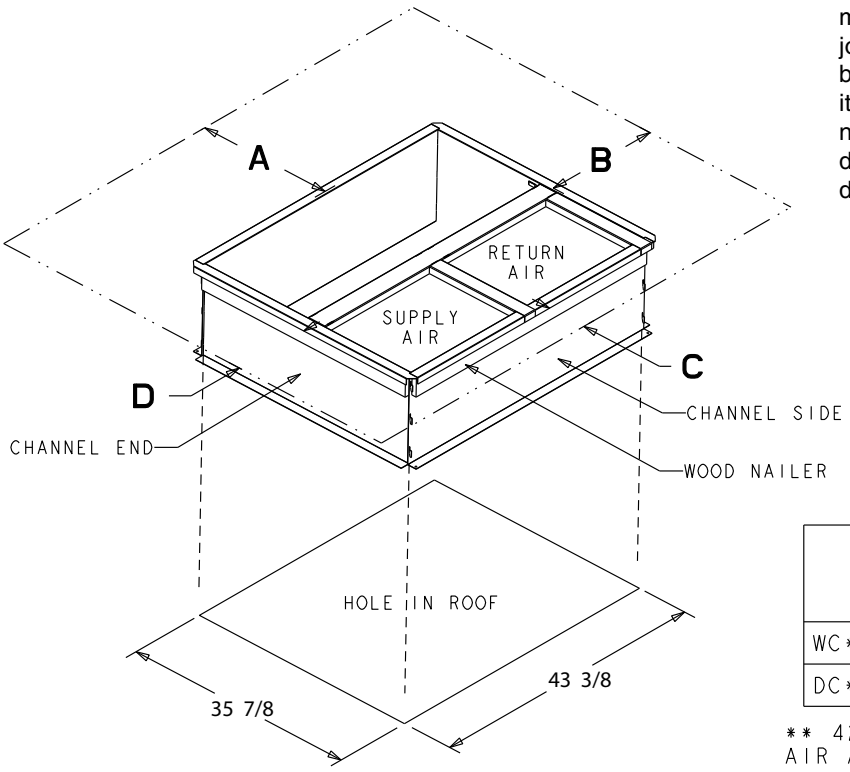
Typical Wiring



Optional Equipment

BAYCURB050A Full Perimeter Roof Mounting Curb for *****018-036





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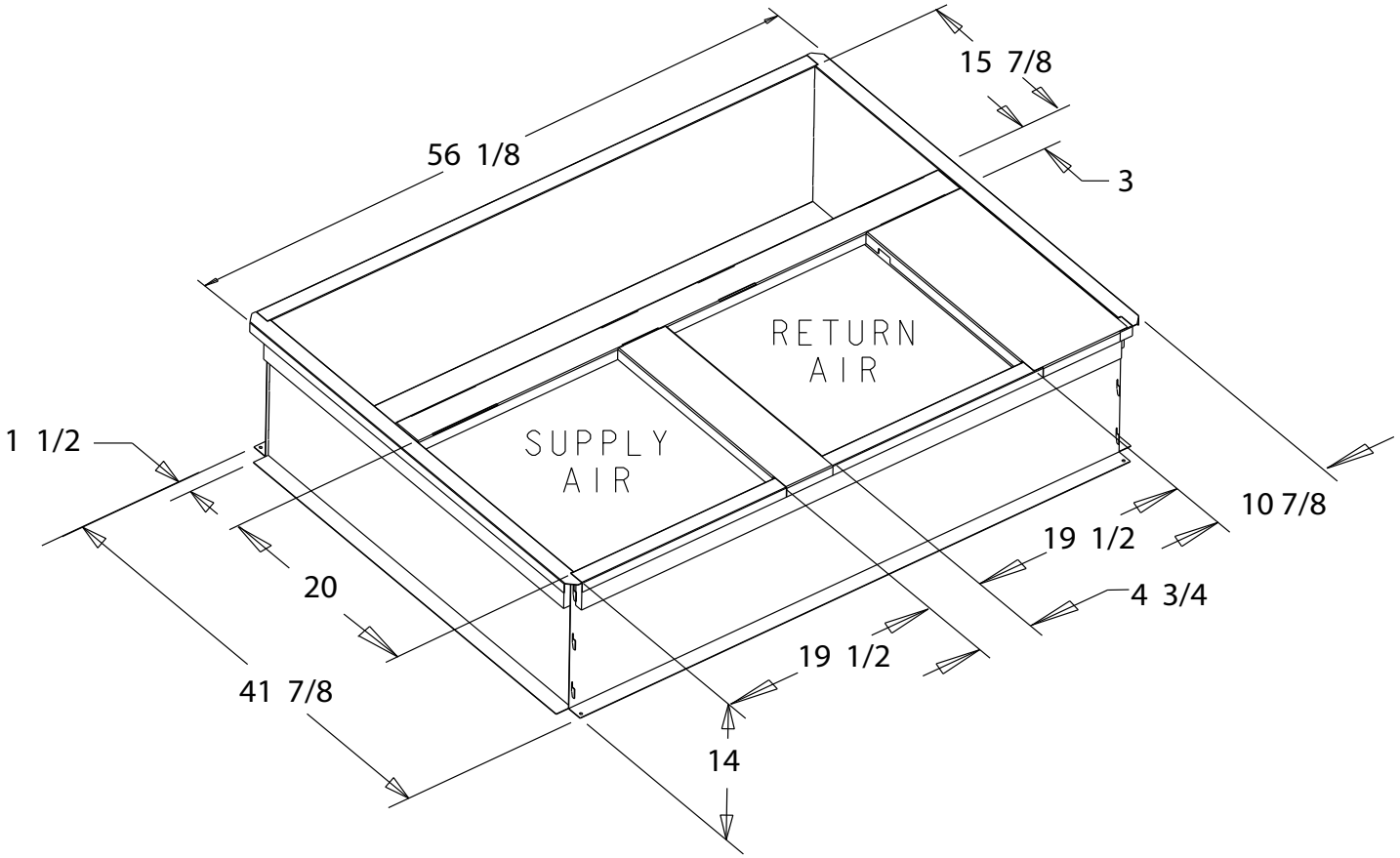
	SERVICE CLEARANCE DIMENSIONS			
	A	B	C	D
WC*/TC*	42.00	36.00	12.00**	24.00
DC*/YC*	42.00	36.00	12.00**	36.00

** 42.00 WITH ECONOMIZER WITH 25% FRESH AIR ACCESSORY

Optional Equipment

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



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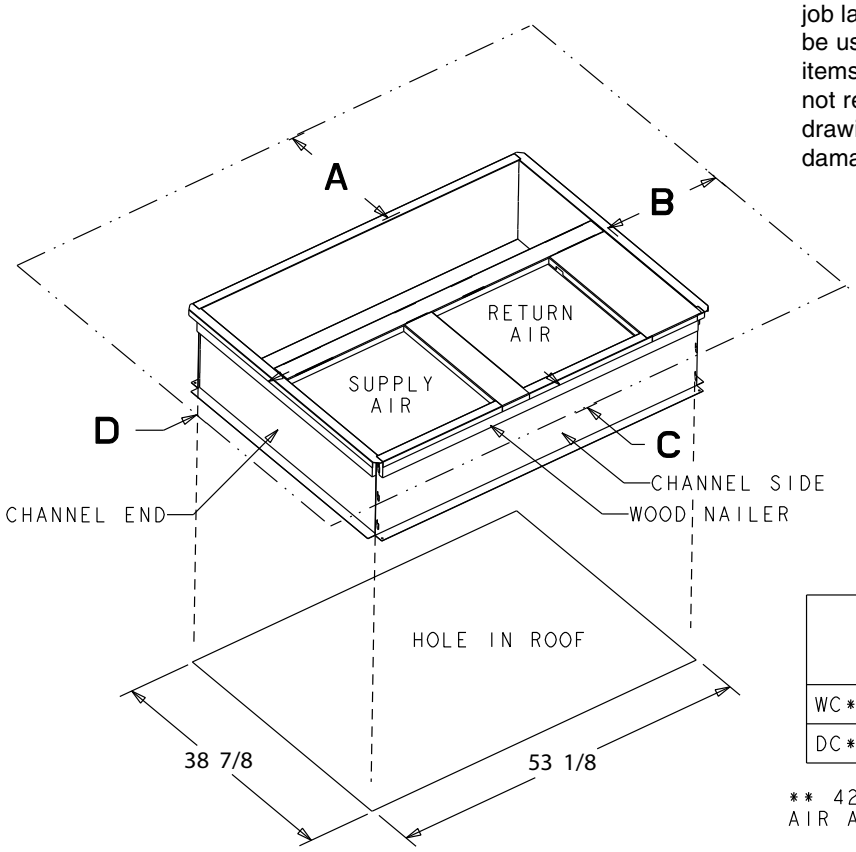
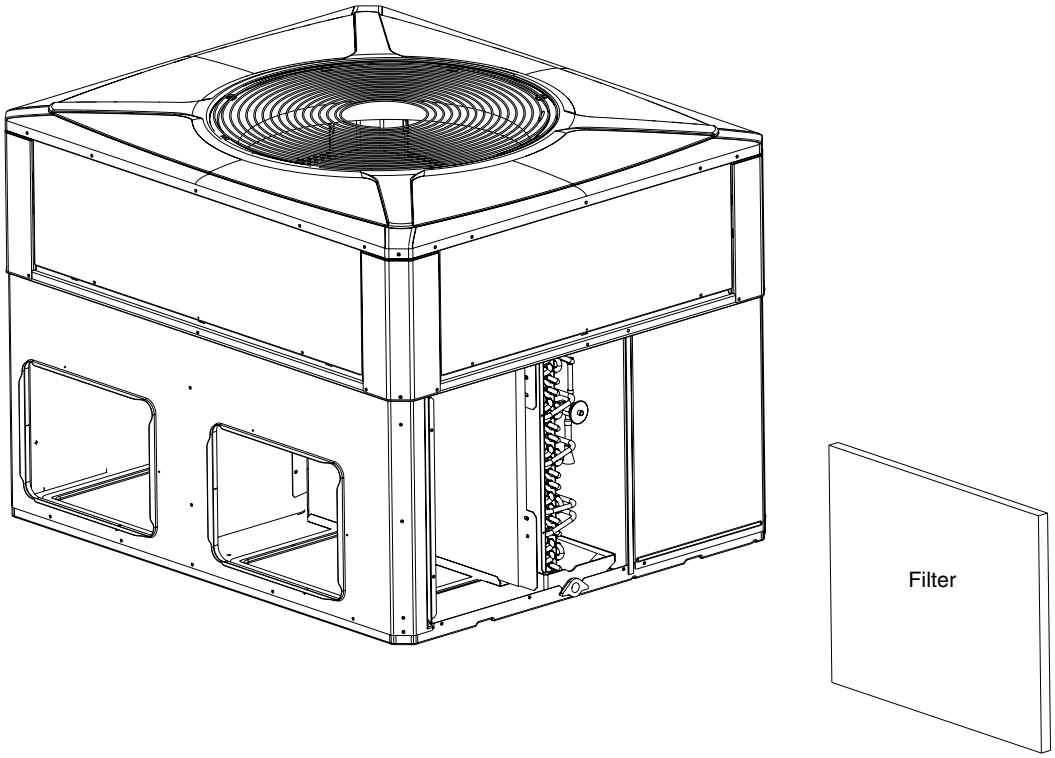


	SERVICE CLEARANCE DIMENSIONS			
	A	B	C	D
WC*/TC*	42.00	36.00	12.00**	24.00
DC*/YC*	42.00	36.00	12.00**	36.00

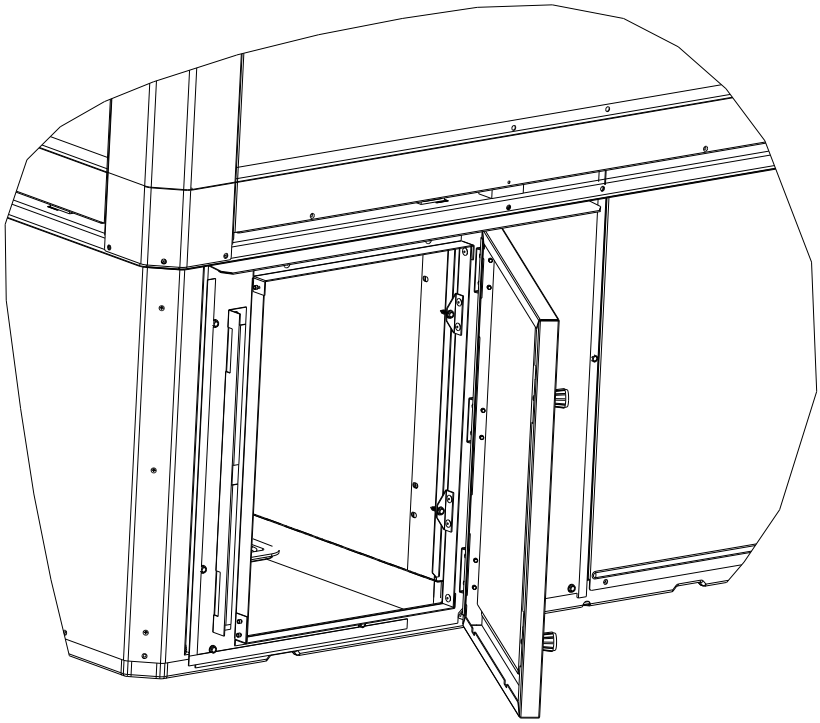
** 42.00 WITH ECONOMIZER WITH 25% FRESH AIR ACCESSORY

Optional Equipment

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

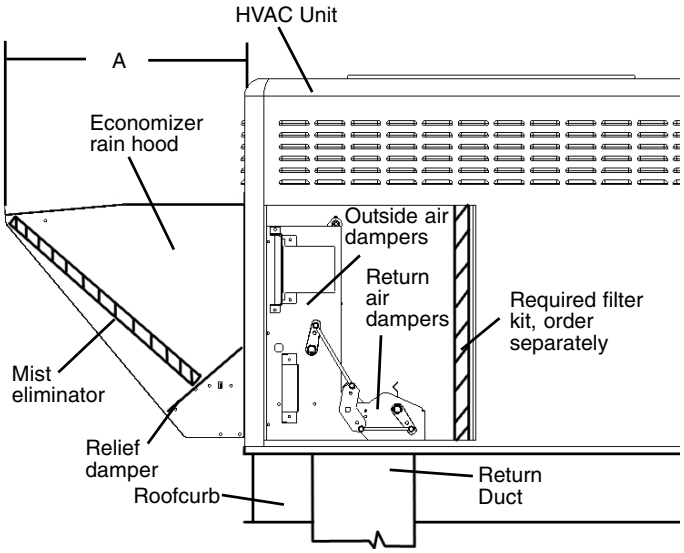


BAYACCDOR1A & BAYACCDOR2A Hinged Filter Access Door
Replaces Filter/Coil Access Panel



Optional Equipment

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



Economizer	Unit Application Models	A
BAYECON101A	2/4TC*,WC*,YC*,DC* *018-036	20.125"
BAYECON102A	2/4TC*,WC*,YC*, DC* *042-060	24.375"

BAYECON200,201A Horizontal Economizer and Rain Hood

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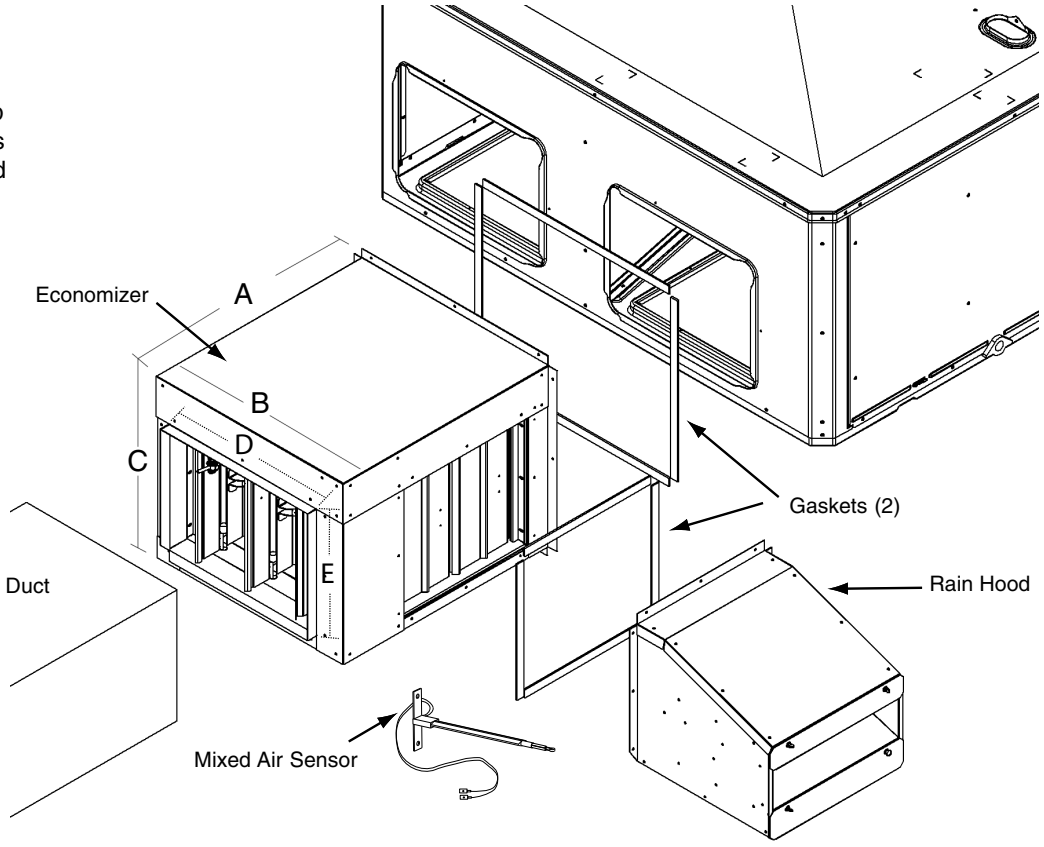

Economizer	A	B	C	D	E	F
BAYECON200AA	22"	20"	16 7/8"	15 11/16	11 11/16	15
BAYECON201AA	26"	22 21/32"	19"	17 11/16	14 11/16	21-3/8

Optional Equipment

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

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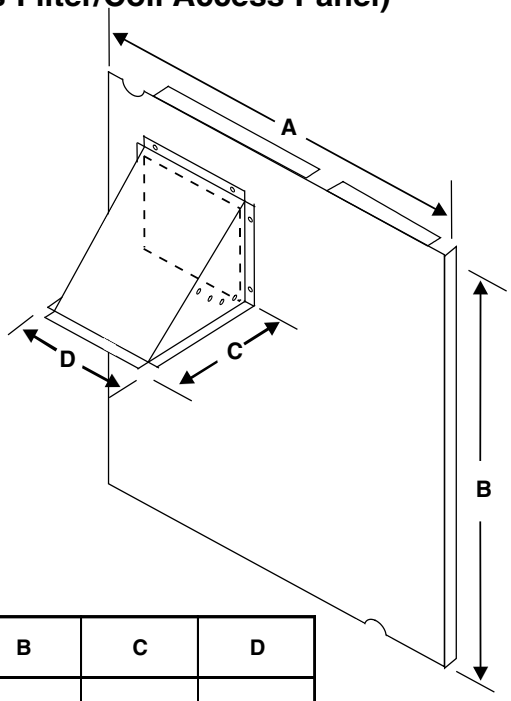
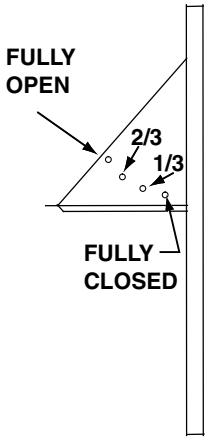
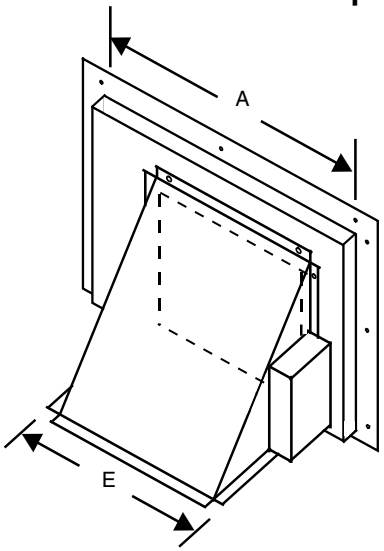
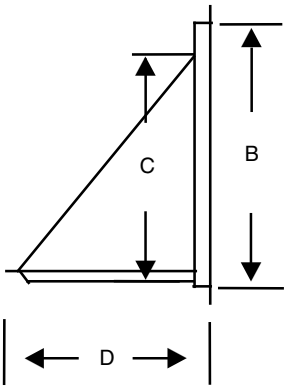




Manual Fresh Air Model	Unit Application Models	A	B	C	D
BAYOSAH001	2/4YC,WC3018-036 4TC*3018-036 4W/T/Y/DCY4024-036 4W/Y/DCZ6036	22 7/16"	20 11/16"	12 3/8"	9 3/16"
BAYOSAH002	2/4YC,WC3042-060 4TC*3042-060 4W/T/Y/DCY4042-060 4W/Y/DCZ6048-060	25 3/16"	20 11/16"	12 3/8"	9 3/16"

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

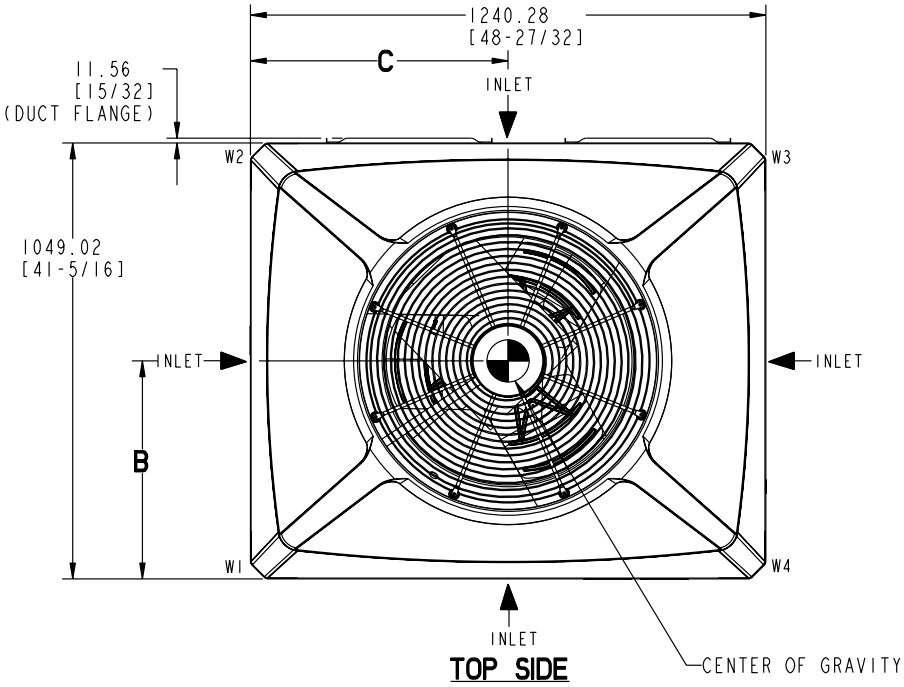




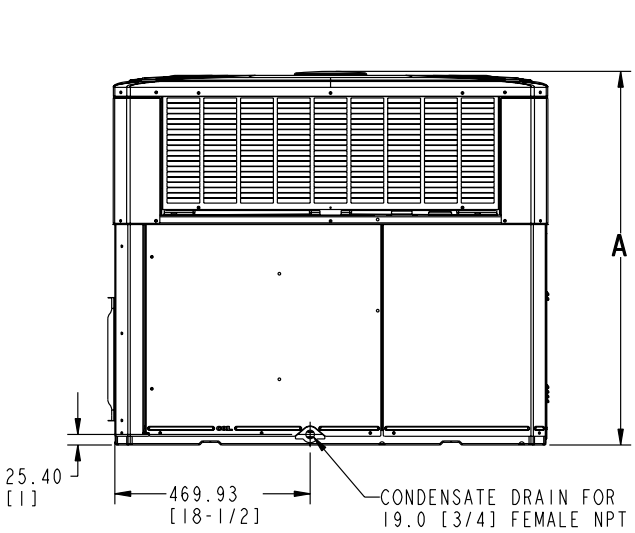
	Unit Application Models	A	B	C	D	E
BAYDMPR101A	2/4YC,WC3018-036 4TC3018-036 4W/T/Y/DCY4024-036 4W/Y/DCZ6036	15 13/16"	11 13/16"	10 1/4"	11 1/2"	12 1/4"
BAYDMPR102A	2/4YC,WC3042-060 4TC3042-060 4W/T/Y/DCY4042-060 4W/Y/DCZ6048-060	18 3/16"	15 1/8"	10 1/4"	11 1/2"	12 1/4"

Dimensional Data and Weights

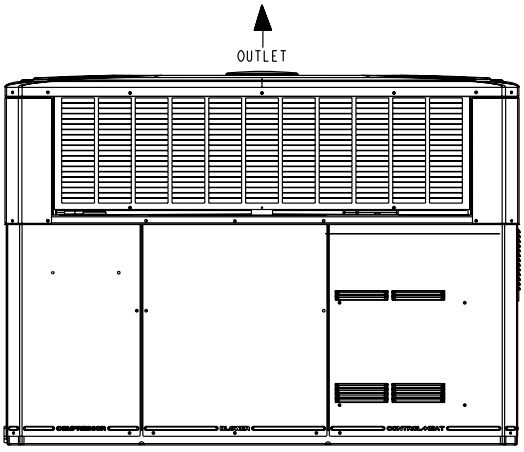
NOTE: *The view labed "Bottom Side" represents the base as viewed looking up from underneath the unit.*



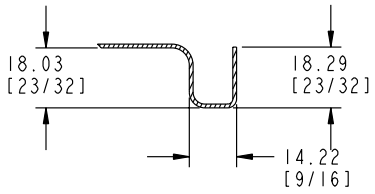
TOP SIDE



LEFT SIDE

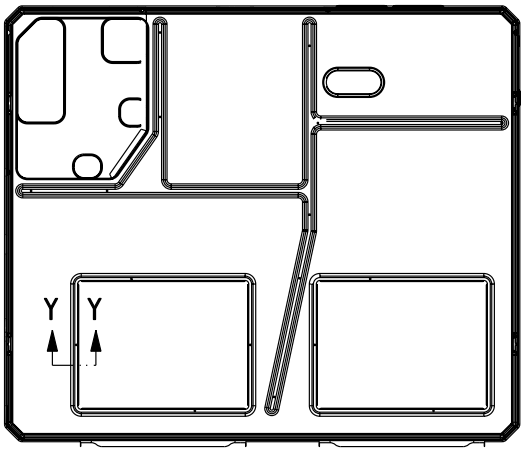


FRONT SIDE



SECTION Y-Y

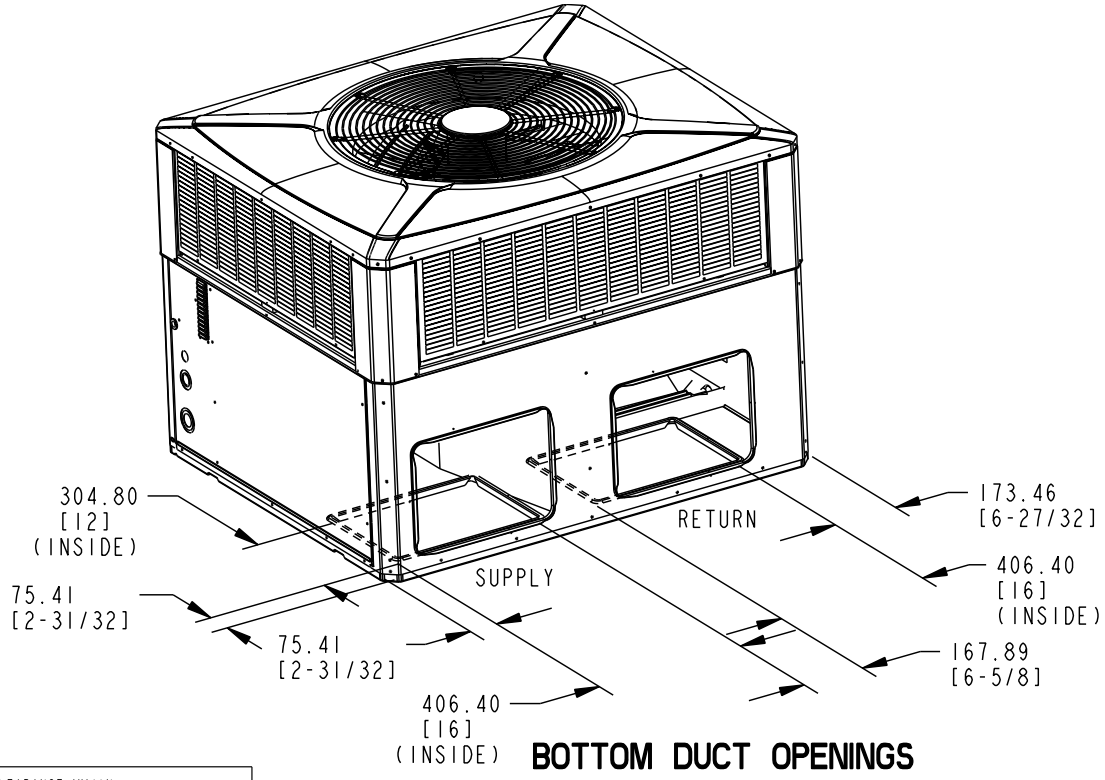
TYPICAL (8) SIDES OF DOWNFLOW DUCT OPENINGS



BOTTOM SIDE

4TCC3018 through 4TCC3036 (1 of 3)

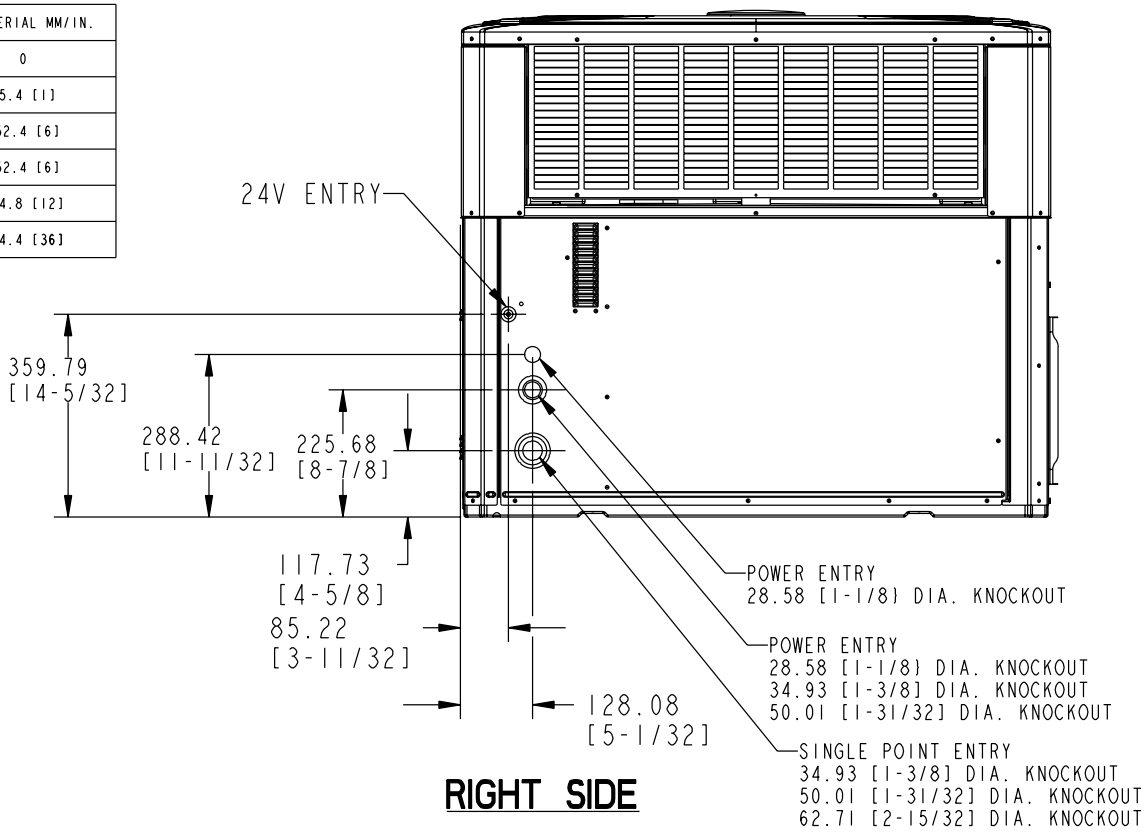
Dimensional Data and Weights



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]	-

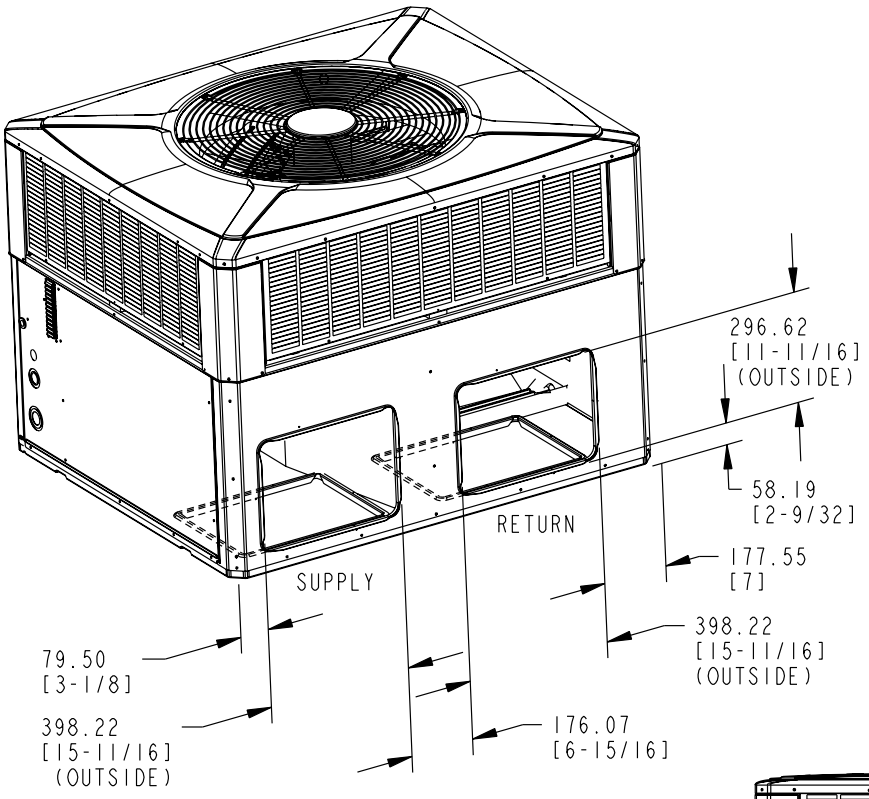
CLEARANCE TO COMBUSTIBLE MATERIAL MM/IN.	
BOTTOM	0
BACK SIDE	25.4 [1]
LEFT SIDE	152.4 [6]
RIGHT SIDE	152.4 [6]
FRONT SIDE	304.8 [12]
TOP	914.4 [36]



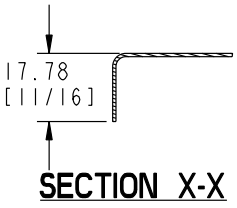
RIGHT SIDE

4TCC3018 through 4TCC3036 (2 of 3)

Dimensional Data and Weights

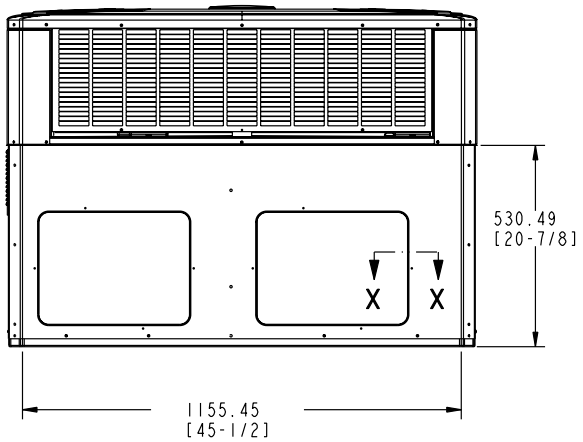


BACK DUCT OPENINGS



SECTION X-X

TYPICAL (8) SIDES OF SIDEFLOW DUCT OPENINGS

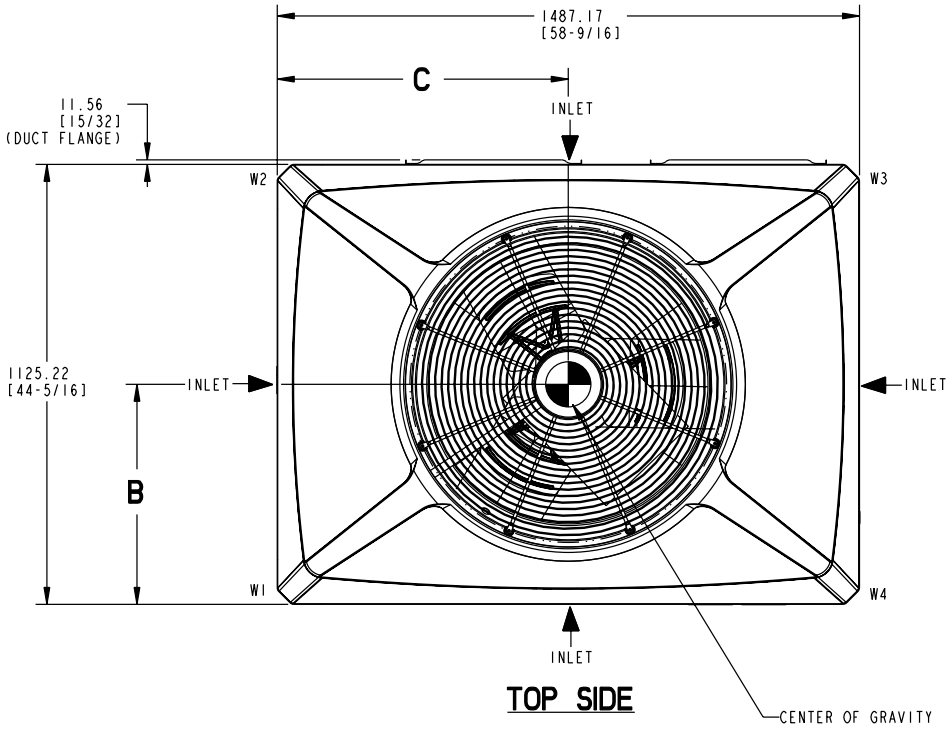


BACK SIDE

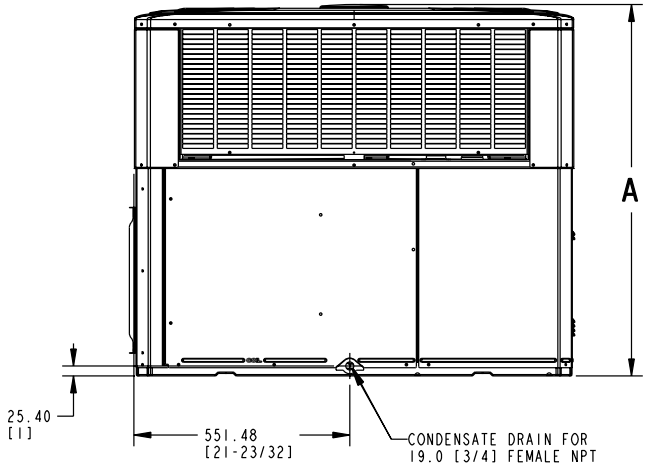
MODEL	HEIGHT MM/IN.	APPROX. CORNER WEIGHT - KG/LBS				SHIPPING WEIGHT KG/LBS	TOTAL UNIT WEIGHT KG/LBS	CENTER OF GRAVITY MM/IN.	
	A	W1	W2	W3	W4			B	C
4TCC3018	898.53 [35-3/8]	56.7 [125]	35.8 [79]	25.4 [56]	39.9 [88]	201.6 (444)	157.9 [348]	401.3 [15.8]	508.0 [20.0]
4TCC3024		56.7 [125]	35.8 [79]	25.4 [56]	39.9 [88]	201.6 (444)	157.9 [348]	401.3 [15.8]	508.0 [20.0]
4TCC3030		56.7 [125]	35.8 [79]	25.4 [56]	39.9 [88]	202.0 (445)	158.3 [349]	401.3 [15.8]	508.0 [20.0]
4TCC3036		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]
4WCC3018		56.2 [124]	35.4 [78]	25.4 [56]	40.4 [89]	201.6 (444)	157.9 [348]	401.3 [15.8]	515.6 [20.3]
2WCC3024		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]
4WCC3024		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]
2WCC3030		58.1 [128]	36.7 [81]	25.9 [57]	41.3 [91]	206.1 (454)	162.4 [358]	401.3 [15.8]	508.0 [20.0]
4WCC3030		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]
2/4WCC3036		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]

4TCC3018 through 4TCC3036 (3 of 3)

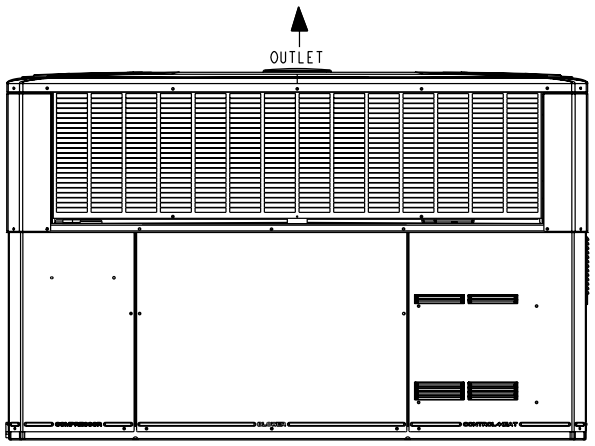
Dimensional Data and Weights



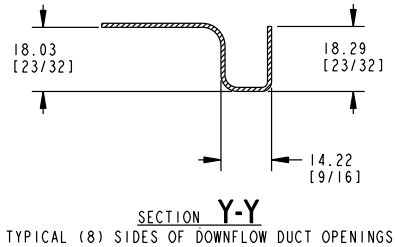
NOTE: *The view labed "Bottom Side" represents the base as viewed looking up from underneath the unit.*



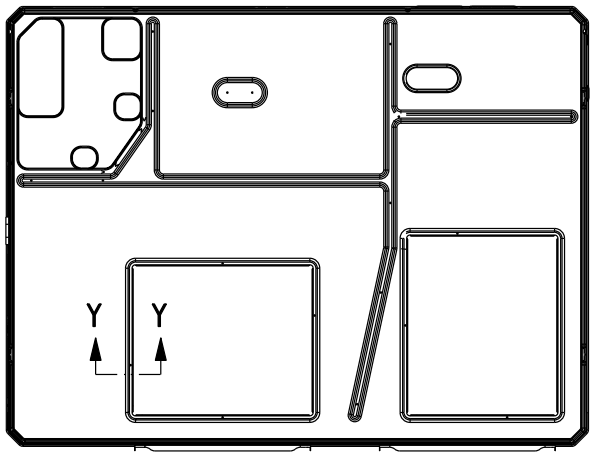
LEFT SIDE



FRONT SIDE



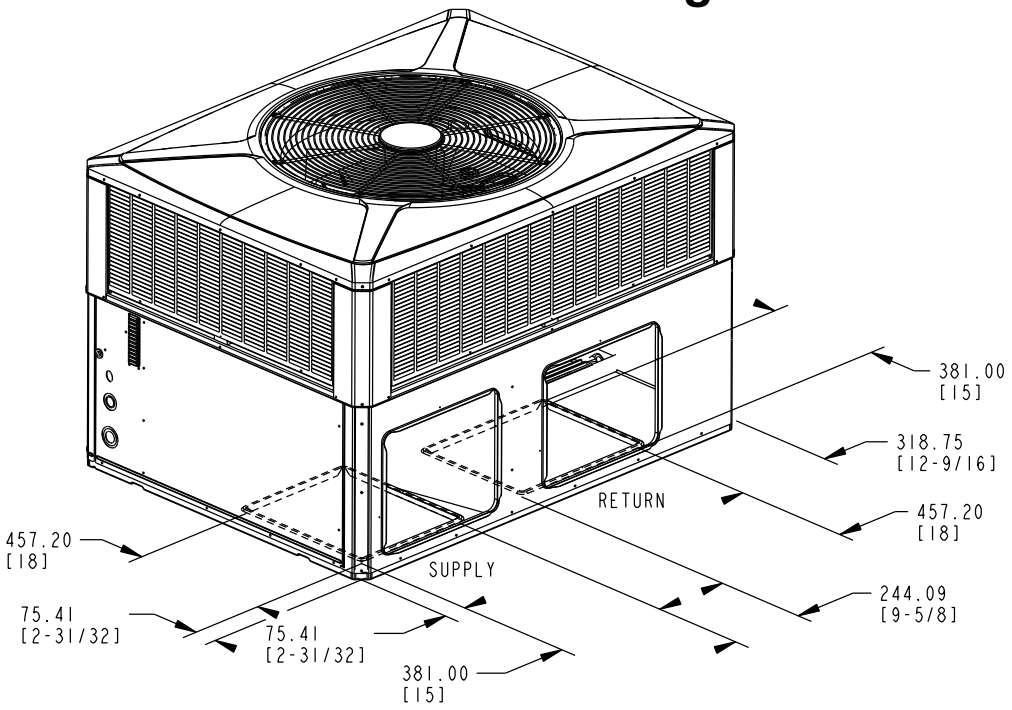
SECTION Y-Y
TYPICAL (8) SIDES OF DOWNFLOW DUCT OPENINGS



BOTTOM SIDE

4TCC3042 through 4TCC3060 (1 of 3)

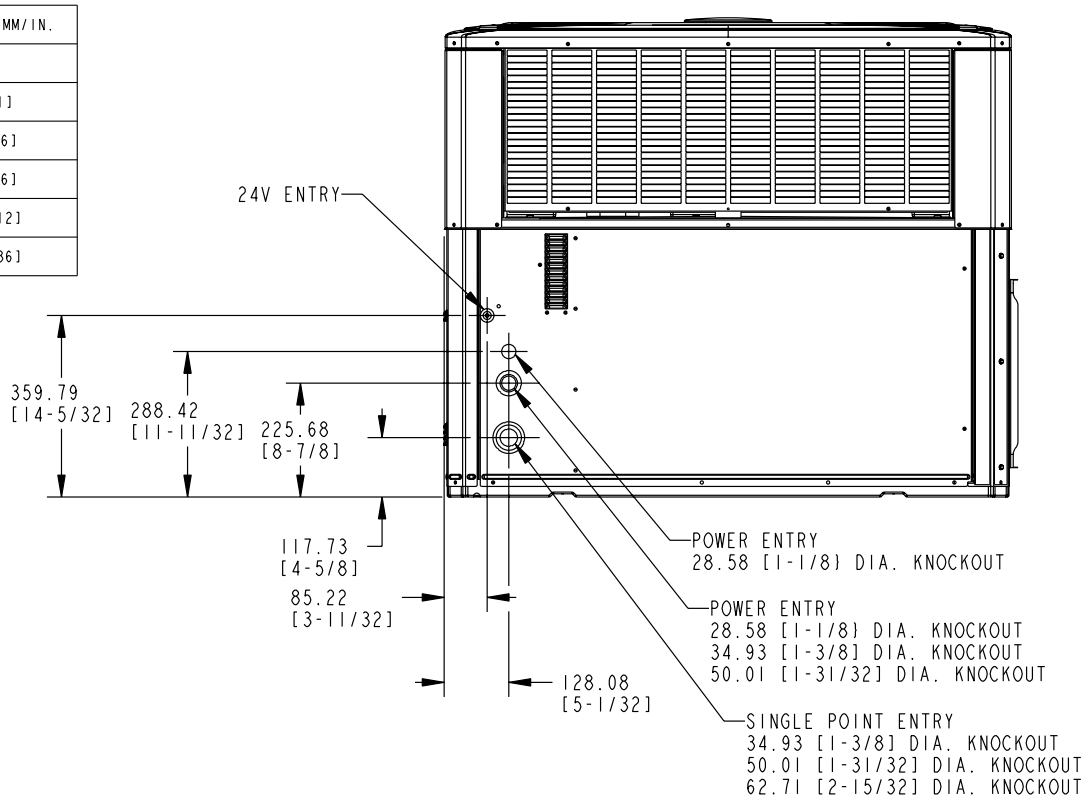
Dimensional Data and Weights



BOTTOM DUCT OPENINGS

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

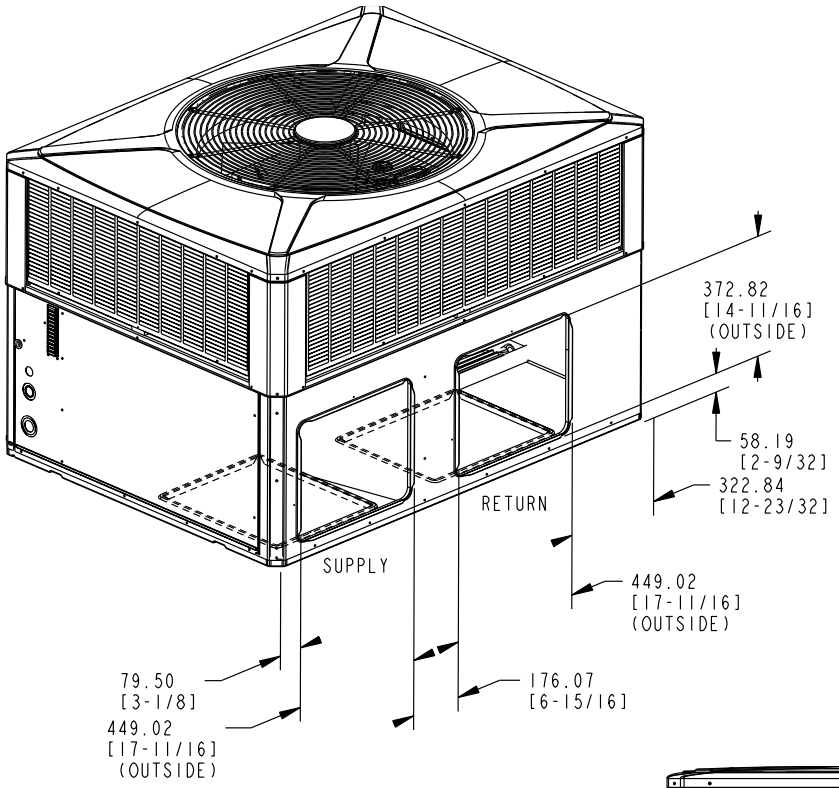
CLEARANCE TO COMBUSTIBLE MATERIAL MM/IN.	
BOTTOM	0
BACK SIDE	25.4 [1]
LEFT SIDE	152.4 [6]
RIGHT SIDE	152.4 [6]
FRONT SIDE	304.8 [12]
TOP	914.4 [36]



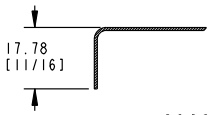
RIGHT SIDE

4TCC3042 through 4TCC3060 (2 of 3)

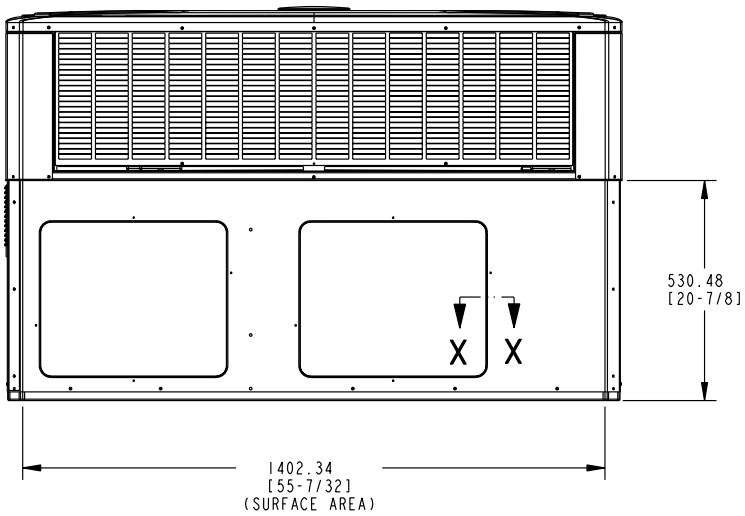
Dimensional Data and Weights



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
4TCC3042	949.89 [37-3/8]	62.1 [137]	40.8 [90]	30.4 [67]	46.3 [102]	237.4 (523)	179.2 [395]	439.4 [17.3]	629.9 [24.8]
4TCC3048		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]
4TCC3060	1000.68 [39-3/8]	78.0 [172]	46.3 [102]	34.9 [77]	59.0 [130]	276.9 (610)	218.6 [482]	414.0 [16.3]	635.0 [25.0]
2WCC3042	949.89 [37-3/8]	62.6 [138]	41.7 [92]	31.3 [69]	46.3 [102]	240.2 (529)	181.9 [401]	444.5 [17.5]	629.9 [24.8]
4WCC3042		86.2 [190]	27.5 [61]	47.7 [105]	34.4 [76]	253.8 [560]	195.8 [432]	449.6 [17.7]	641.8 [25.3]
2WCC3048		66.2 [146]	44.5 [98]	33.1 [73]	49.4 [109]	251.1 (553)	192.8 [425]	444.5 [17.5]	629.9 [24.8]
4WCC3048		68.9 [152]	40.8 [90]	30.8 [68]	52.2 [115]	251.1 (553)	192.8 [425]	414.0 [16.3]	635.0 [25.0]
2WCC3060	1051.48 [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]
4WCC3060	1000.68 [39-3/8]	79.4 [175]	47.2 [104]	35.8 [79]	59.9 [132]	280.6 (618)	222.3 [490]	414.0 [16.3]	635.0 [25.0]

4TCC3042 through 4TCC3060 (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 certified to UL Standard 1995. All units shall be factory run tested to check cooling operation, fan and blower rotation and control 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 panels shall be heavy gauge steel, gasketed and insulated. Foil-faced fiber insulation shall be in the heater section. Foil-faced fiber insulation shall be in the evaporator section. Base pan shall be heavy gauge steel. **WEATHERGUARD™** exterior corrosion resistant screws shall be used for added resistance to rust and corrosion.

Compressor
The compressor shall be a hermetically sealed, high efficiency Climatuff® compressor. Internal overcurrent and over temperature protection, internal pressure relief shall be standard. Other features include, roto lock suction and discharge refrigerant connections, centrifugal oil pump and low vibration and noise.

Refrigeration System
All units shall have refrigerant control. Service pressure tap ports, and a refrigerant line filter shall be standard.

Evaporator Coil — Internally enhanced 3/8-inch OD seamless copper tubing mechanically bonded to aluminum fins, factory pressure and leak tested at 250 to 300 psig. All units have TXV to control refrigerant flow.

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.

Outdoor Fan
One, direct-drive, statically and dynamically balanced propeller fan shall be used in a drawthrough vertical discharge configuration. Permanently lubricated weather proof motor shall have built-in thermal overload protection.

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 heater 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 pigtails 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 downflow economizer and provide a pressure operated damper that shall be gravity closing and prohibit entrance of outside air on equipment “off” cycle.

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. 1 H/1 C or 2H/2C models available.

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