

REPLACEMENT PARTS FOR MODULAR AIR PROCESSING SYSTEMS (MAPS®) WITH R-410A REFRIGERANT

MAPS®III CABINET SIZES A, B, C, D: MODELS RCB, RDB, RDCB, RDDB, RECB, REDB

MAPS®IV CABINET SIZES A, B, C: MODELS RCC, RDC, RDCC, RDDC, RECC, REDC

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IMPORTANT

1. Always include complete model and serial number so that any specification change can be considered for parts replacement. It can save time and expense.
2. In keeping with our policy of continuous product improvement, we reserve the right to alter any information shown here. Specifications are subject to change without notice.
3. We reserve the right to substitute functional replacements.
4. Order by Part Number (PN), not by option designation.

IMPORTANT SAFETY INFORMATION

⚠ DANGER ⚠

This unit contains R-410A high pressure refrigerant. Hazards exist that could result in personal injury or death. Installation, maintenance, and service should only be performed by an HVAC technician qualified in R-410A refrigerant and using proper tools and equipment. Due to much higher pressure of R-410A refrigerant, DO NOT USE service equipment or tools designed for R22 refrigerant.

⚠ WARNING ⚠

IMPORTANT: Do not release refrigerant to the atmosphere! If required service procedures include the adding or removing of refrigerant, the service technician must comply with all federal, state, and local laws. Service procedures should only be performed by a qualified HVAC technician.

CABINET APPLICABILITY

A typical cabinet for sizes A, B, and C is shown in [Figure 1](#). This cabinet is available for the following models:

- RCB and RCC (cooling only)
- RDB and RDC (cooling with reheat)
- RDCB and RDCC (cooling with gas heat section)
- RDDB and RDDC (cooling with reheat and gas heat section)
- RECB and RECC (cooling with electric heat section)
- REDB and REDC (cooling with reheat and electric heat section)

A typical cabinet for size D is shown in [Figure 2](#). This cabinet is available for the following models:

- RCB (cooling only)
- RDB (cooling with reheat)
- RDCB (cooling with gas heat section)
- RDDB (cooling with reheat and gas heat section)
- RECB (cooling with electric heat section)
- REDB (cooling with reheat and electric heat section)



Figure 1. Typical Cabinet for Sizes A, B, and C



Figure 2. Typical Cabinet for Size D

RATING PLATE

SAMPLE RATING PLATE AND KEY

MERCER, PA., U.S.A. 16137						
MADE IN USA						
FOR INDUSTRIAL/COMMERCIAL USE ONLY						
SUITABLE FOR OUTDOOR USE						
MODEL [A] [B]						
SERIAL NO. []						
ELECTRICAL						
[D] VOLTS +/- 10% [D] PHASE [D] HZ						
MINIMUM CIRCUIT AMPACITY (MCA) [F] AMPS						
MAXIMUM FUSE SIZE/*CKT BREAKER [G] AMPS						
	QTY	FLA (EA)	HP (EA)			
SUPPLY AIR BLOWER MOTOR	1	[E]	[C]			
CONDENSER FAN MOTOR (S)	[T]	[U]	[Z]			
	QTY	RLA (EA)	LRA (EA)			
COMPRESSOR A	[H]	[I]	[J]			
COMPRESSOR B	[K]	[L]	[M]			
COMPRESSOR C	[N]	[O]	[P]			
COMPRESSOR D	[Q]	[R]	[S]			
COMPRESSOR E	[GG]	[HH]	[II]			
	CIRCUITS	A	B	C	D	E
REFRIGERANT - R-410a CHARGE - LBS [V] [W] [X] [Y] [JJ]						
TEST PRESSURES HIGH 600 PSIG LOW 45 PSIG						
EQUIPPED FOR OPERATION AT AN AIR FLOW OF [CC] SCFM						
AGAINST A STATIC PRESSURE OF [DD] INCHES WATER COLUMN						
DRIVE RPM [EE]						
WIRE DIAGRAM [FF]						
REFER TO RATING PLATE IN THE FURNACE SECTION (WHEN USED)						
FOR ADDITIONAL INFORMATION.						
*HACR TYPE REQUIRED PER NEC						

- | | |
|--|--|
| <p>A = Model</p> <p>B = Manufacturing Date (Month/Year)</p> <p>C = Blower Motor HP</p> <p>D = Volts/Phase/Hertz</p> <p>E = Blower Motor Full Load Amps (FLA)</p> <p>F = Minimum Circuit Ampacity (MCA)</p> <p>G = Maximum Fuse Size (MOP)</p> <p>H = Compressor A Quantity</p> <p>I = Compressor A Rated Load Amps</p> <p>J = Compressor A Locked Rotor Amps</p> <p>K = Compressor B Quantity</p> <p>L = Compressor B Rated Load Amps</p> <p>M = Compressor B Locked Rotor Amps</p> <p>N = Compressor C Quantity</p> <p>O = Compressor C Rated Load Amps</p> <p>P = Compressor C Locked Rotor Amps</p> <p>Q = Compressor D Quantity</p> | <p>R = Compressor D Rated Load Amps</p> <p>S = Compressor D Locked Rotor Amps</p> <p>T = Condenser Fan Motor Quantity</p> <p>U = Rated Load Amps of Condenser(s)</p> <p>V = Circuit A Refrigerant Charge (lb)</p> <p>W = Circuit B Refrigerant Charge (lb)</p> <p>X = Circuit C Refrigerant Charge (lb)</p> <p>Y = Circuit D Refrigerant Charge (lb)</p> <p>Z = Condenser Fan Motor HP</p> <p>CC = SCFM Airflow</p> <p>DD = External Static Pressure (IN WC)</p> <p>EE = Drive (Option AM)</p> <p>FF = Wiring Diagram No.</p> <p>GG = Compressor E Quantity</p> <p>HH = Compressor E Rated Load Amps</p> <p>II = Compressor E Locked Rotor Amps</p> <p>JJ = Circuit E Refrigerant Charge (lb)</p> |
|--|--|

GAS HEAT SECTION SAMPLE RATING PLATE AND KEY (APPLIES TO MODELS RDCB, RDDB, RDCC, AND RDDC)

MERCER, PA USA 16137

DUCT FURNACE/GÉNÉRATEUR D’AIR CHAUD À GAINÉ
CATEGORY III/CATÉGORIE III

FOR INDUSTRIAL/COMMERCIAL USE ONLY
 POUR USAGE INDUSTRIEL/COMMERCIAL

ANSI Z83.8 [AA] - [A]
 CSA 2.6 [AA1] - [A1] DUCT FURNACE/GÉNÉRATEUR D’AIR CHAUD À GAINÉ

MODEL/MODÈLE [C] [P]

SERIAL NO. / #DE SÉRIE:
 VOLTAGE [D]
 TYPE OF GAS/TYPE DE GAZ: [E]
 ALTITUDE [Q] FEET/PIEDS, [R] MÈTRES
 BURNER ORIFICE SIZE [F] DRILL HAS BEEN FACTORY ADJUSTED
 BRULEUR DIMENSION DE L’ORIFICE [F] FORET
 NORMAL INPUT/ENTRÉE NORMALE (TOTAL) [H] BTU/HR
 THERMAL OUTPUT / RENDEMENT THERMIQUE (TOTAL) [I] BTU/HR
 MINIMUM INPUT/ENTRÉE MIN. [J] BTU/HR
 NORMAL MANIFOLD PRESSURE [K] IN.W.C.
 PRESSION NORMALE DE LA TUB [K] PO/COL D’EAU
 MIN. PERMISSIBLE GAS SUPPLY PRESSURE
 FOR PURPOSE OF INPUT ADJUSTMENT. [L] IN.W.C.
 PRES. D’ALIM. MIN. ACCEPTABLE DE GAZ POUR
 DES FIN DE RÉGLAGE DE L’ENTRÉE [L] PO/COL D’EAU
 MAXIMUM THROUGHPUT / MINIMUM THROUGHPUT [M]/[N] C.F.M.
 CONSOMMATION MAXIMUM / MINIMUM [M]/[N] PI3/MN

- | | |
|--|--|
| A, AA = ANSI Standard and Date | J = Minimum BTUH Input (Sea Level) |
| A1, AA1 = CSA Standard and Date | K = Manifold Pressure |
| C = Model No. | L = Minimum Gas Supply Pressure |
| D = Voltage | M = Maximum Throughput |
| E = Type of Gas (Natural) | N = Minimum Throughput |
| F = Orifice Size | P = Manufacturing Date (Month/Year) |
| H = Normal BTUH Input (Sea Level) | Q = Altitude (Feet) |
| I = Thermal Output BTUH (Sea Level) | R = Altitude (Meters) |

SERIAL NUMBERS

SERIAL NUMBER DECODING

The serial number consists of eight elements. Elements 1 through 5 apply to all models. Elements 6, 7, and 8 apply to models with a gas heat section (RDCB, RDDB, RDCC, and RDDC).

Serial No. Sample: 3 BIJ 789 BK 08 N 96 7D

Elements: 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8

- Key:**
- 1 = Phase (1 or 3)
 - 2 = Date code (refer to [Table 1](#))
 - 3 = Consecutive number
 - 4 = Drive (refer to [Drive Components \(Pulleys and Belts\)](#))
 - 5 = Motor HP (refer to [Table 2](#))
 - 6 = Type of gas: N = natural; L = propane (models RDCB, RDDB, RDCC, RDDC)
 - 7 = Ignition code: refer to technical manual P-Valves, PN TBD (models RDCB, RDDB, RDCC, RDDC)
 - 8 = Valve code: refer to technical manual P-Valves, PN TBD (models RDCB, RDDB, RDCC, RDDC)

Table 1. Serial Number Date Codes (Month and Year)												
Year	Month											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
2008	BHA	BHB	BHC	BHD	BHE	BHF	BHG	BHH	BHI	BHJ	BHK	BHL
2009	BIA	BIB	BIC	BID	BIE	BIF	BIG	BIH	BII	BIJ	BIK	BIL
2010	BJA	BJB	BJC	BJD	BJE	BJF	BJG	BJH	BJI	BJJ	BJK	BJL
2011	BKA	BKB	BKC	BKD	BKE	BKF	BKG	BKH	BKI	BKJ	BKK	BKL
2012	BLA	BLB	BLC	BLD	BLE	BLF	BLG	BLH	BLI	BLJ	BLK	BLL
2013	BMA	BMB	BMC	BMD	BME	BMF	BMG	BMH	BMI	BMJ	BMK	BML
2014	BNA	BNB	BNC	BND	BNE	BNF	BNG	BNH	BNI	BNJ	BNK	BNL
2015	BOA	BOB	BOC	BOD	BOE	BOF	BOG	BOH	BOI	BOJ	BOK	BOL
2016	BPA	BPB	BPC	BPD	BPE	BPF	BPG	BPH	BPI	BPJ	BPK	BPL
2017	BQA	BQB	BQC	BQD	BQE	BQF	BQG	BQH	BQI	BQJ	BQK	BQL
2018	BRA	BRB	BRC	BRD	BRE	BRF	BRG	BRH	BRI	BRJ	BRK	BRL
2019	BSA	BSB	BSC	BSD	BSE	BSF	BSG	BSH	BSI	BSJ	BSK	BSL
2020	BTA	BTB	BTC	DTD	BTE	BTF	BTG	BTH	BTI	BTJ	BTK	BTL
2021	BUA	BUB	BUC	BUD	BUE	BUF	BUG	BUH	BUI	BUJ	BUK	BUL
2022	BVA	BVB	BVC	BVD	BVE	BVF	BVG	BVH	BVI	BVJ	BVK	BVL
2023	BWA	BWB	BWC	BWD	BWE	BWF	BWG	BWH	BWI	BWJ	BWK	BWL
2024	BXA	BXB	BXC	BXD	BXE	BXF	BXG	BXH	BXI	BXJ	BXK	BXL
2025	BYA	BYB	BYC	BYD	BYE	BYF	BYG	BYH	BYI	BYJ	BYK	BYL

Table 2. Serial Number Motor Horsepower Codes	
Serial No. Code	Motor HP
03	1/2
04	3/4
05	1
06	1-1/2
07	2
08	3 (3450 rpm)
09	5 (3450 rpm)
11	7-1/2
12	15
13	10
14	20
15	3 (1800 rpm)
16	5 (1800 rpm)

CROSS-REFERENCE BY CABINET SIZE

Table 3. Models RCB and RCC (DX Cooling) and RDB and RDC (DX with Reheat) by Cabinet Size and Unit Size								
Model	Cabinet Size							
	A		B		C		D	
	Unit Size							
RCB	060	078	160	186	190	216	360	480
	090	118	200		298	410	600	720
	136							
RCC	060	090	160	200	190	298	—	
	120				410			
RDB	084	102	184	210	248	262	418	444
					272	288	484	538
	114	142	222	224	354	370	564	602
							658	684
	162		236		468	482	722	804
		842						
RDC	084	114	184	196	248	262	—	
	144		236	257	354	370		
					468	482		

CROSS-REFERENCE BY CABINET SIZE—CONTINUED

Table 4. Models RDCB, RDCC, RDDB, and RDCC by Cabinet Size and Gas Heat Section Size																
Model	Cabinet Size	Gas Heat Section Size														
		100	150	200	250	300	400	500	600	700	800	1000	1200	1400	1600	
		Unit Size														
RDCB	A	060, 078, 090, 118, 136			—											
	B	—			078, 090, 118, 136, 160, 186, 200		—	078, 090, 118, 136, 160, 186, 200*		—						
	C	—			190, 216, 298, 410				—	190, 216, 298, 410**		—				
	D	—			360, 480, 600, 720											
RDCC	A	060 090, 120			—											
	B	—			090, 120, 160, 200		—	090, 120, 160, 200*		—						
	C	—			190, 298, 410				—	190, 298, 410**		—				
RDDB	A	084, 102, 114, 142		—												
		—	162													
	B	—			102, 114, 142, 162, 184, 210, 222, 224, 236		—									
	C	—			248, 262, 272, 288, 354, 370, 468, 482				—	248, 262, 272, 288, 354, 370, 468, 482**		—				
D	—			418, 444, 484, 538, 564, 602, 658, 684, 722, 804, 842												
RDCC	A	084, 114, 144			—											
	B	—			114, 144, 184, 196, 236, 257		—									
	C	—			248, 262, 354, 370, 468, 482				—	248, 262, 354, 370, 468, 482**		—				

*Size 250-mbh heat section plus an option JH25 curb with a 250-mbh duct furnace combine to provide 500 mbh of gas heat.

**Size 700-mbh heat section plus an option JH30 curb with a 300-mbh duct furnace combine to provide 1000 mbh of gas heat.

Table 5. Models RECB, RECC, REDB, and REDC by Cabinet Size and Electric Heat Module Size																	
Model	Cabinet Size	Electric Heat Module Size															
		10S	15S	20S	24S	15	20	25	30	35	39	50	60	75	88	120	180
		Unit Size															
RECB	A	060															
		—	078, 090, 118, 136			—	078, 090, 118, 136		—	078, 090, 118, 136		—					
	B	—			078, 090, 118, 136		—	078, 090, 118, 136		—	078		—	—			
		—			160, 186		160, 186, 200				090, 118, 136, 160, 186, 200				—		
C	190, 216, 298, 410																
D	360, 480, 600, 720																
RECC	A	060	060, 090, 120			060	060, 090, 120		060	060, 090, 120		—					
	B	—			160	090, 120, 160, 200		160, 200	090, 120, 160, 200		160, 200	090, 120, 160, 200				—	
	C	190, 298, 410															
REDB	A	084		084, 162		—	084, 102, 114, 142, 162		—	084, 102, 114, 142, 162		—					
		—	102, 114, 142														
	B	—			184	084, 102, 114, 142, 162		—	084, 102, 114, 142, 162		—	084		—	—		
		—			184, 210, 222, 224, 236				102, 114, 142, 162, 184, 210, 222, 224, 236				—				
C	248, 262, 272, 288, 354, 370, 468, 482																
D	418, 444, 484, 538, 564, 602, 658, 684, 772, 804, 842																
REDC	A	084		—													
		—	114, 144		—	084, 114, 144		—	084, 114, 144		—						
	B	—			184	084, 114, 144		—	084, 114, 144		—	084, 114, 144		114, 144	—		
C	—			184, 196, 236, 257				248, 262, 354, 370, 468, 482				—					

ELECTRICAL COMPARTMENT AND CONTROL COMPONENTS

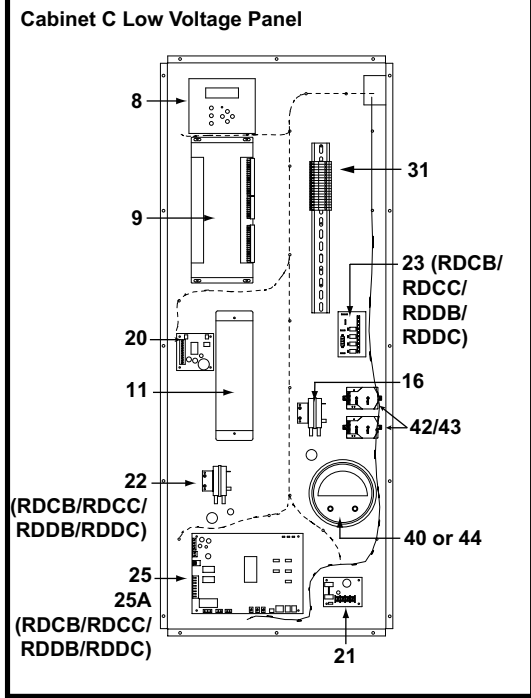
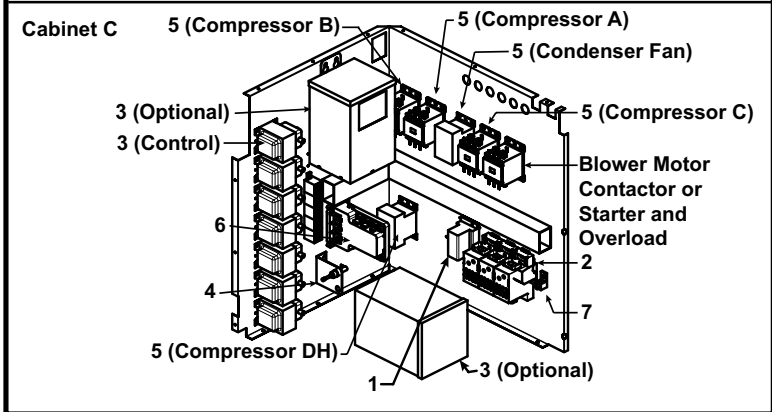
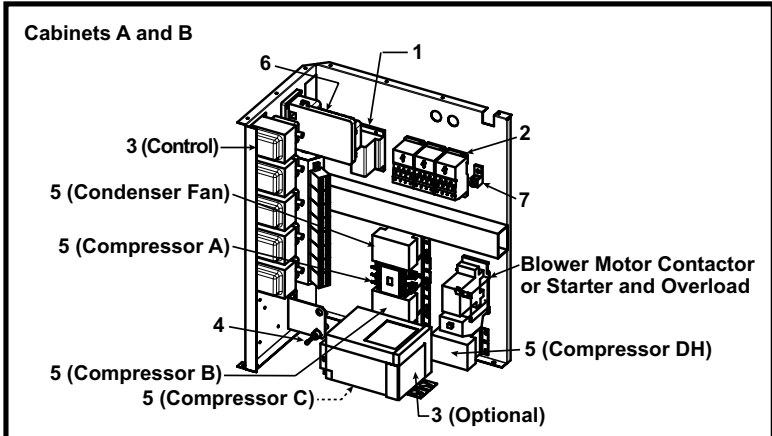
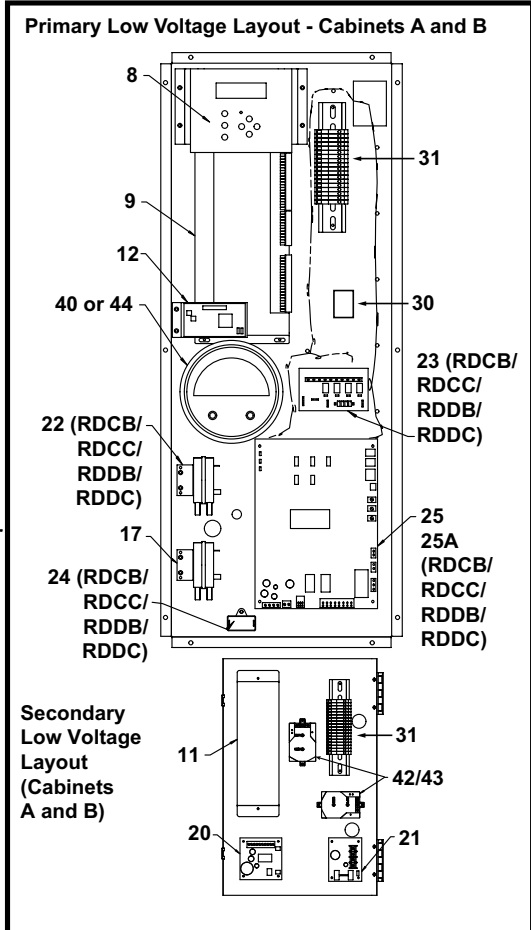
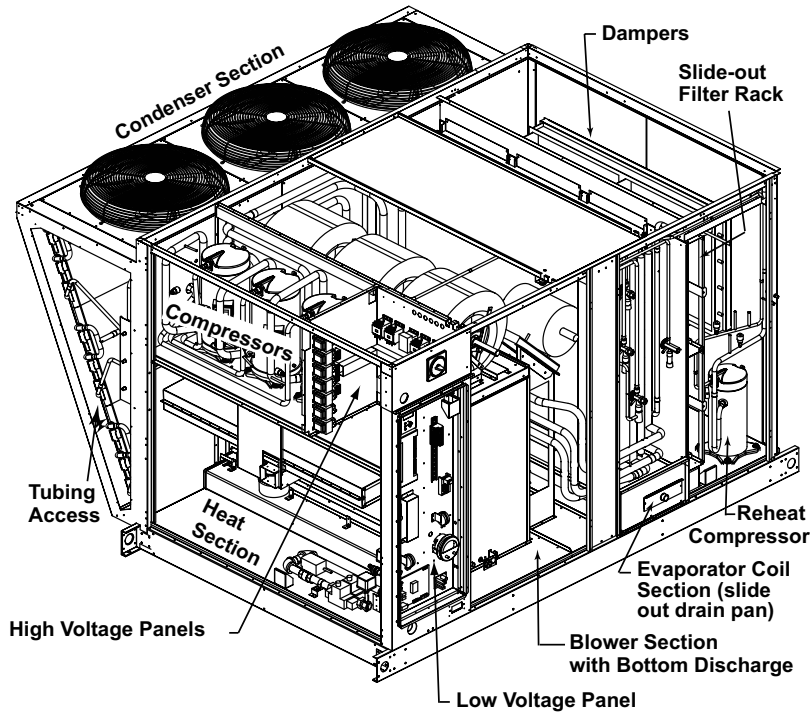
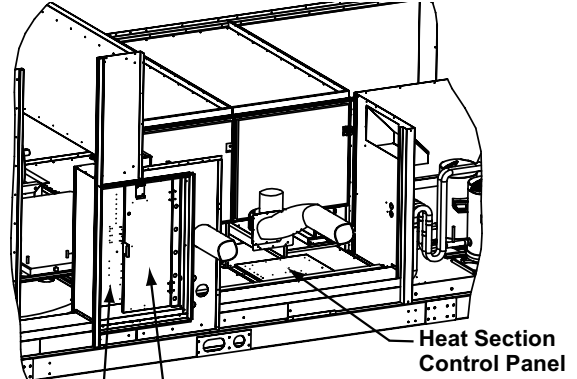
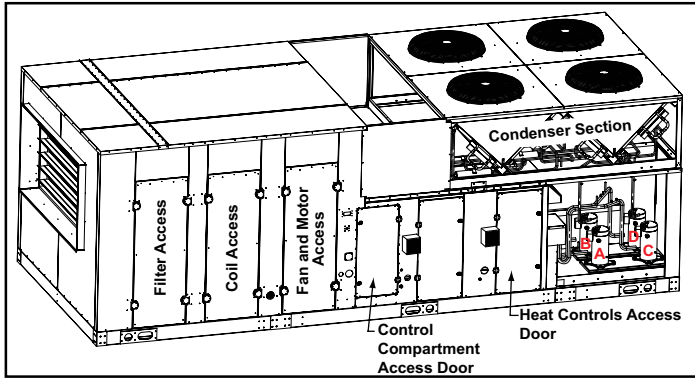


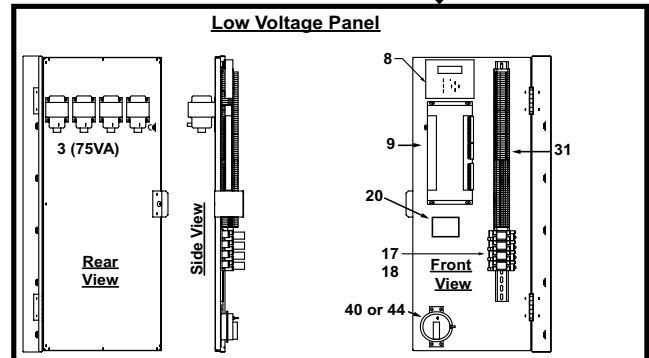
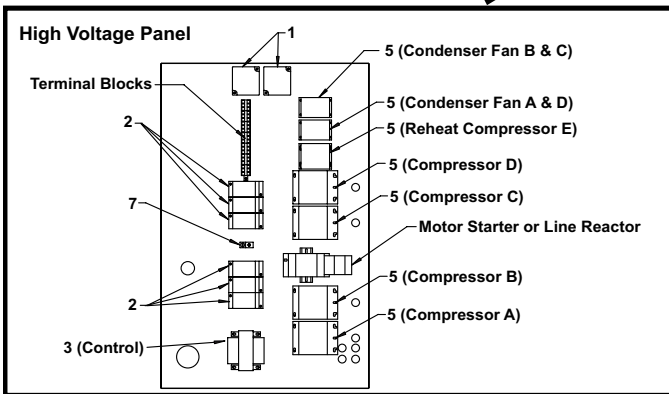
Figure 3. Electrical Panels—Models RCB, RCC, RDC, RDB, RDCB, RDCC, RDDB, RDDC, RECB, RECC, REDB, and REDC, Cabinet Sizes A, B, and C (Refer to Table 6)

ELECTRICAL COMPARTMENT AND CONTROL COMPONENTS—CONTINUED



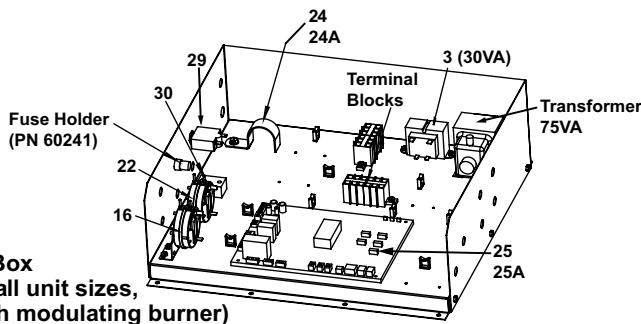
High Voltage Panel (behind low voltage panel; post is removed for less restricted view)

Low Voltage Panel (hinged; swings out to access rear side and high voltage panel behind)

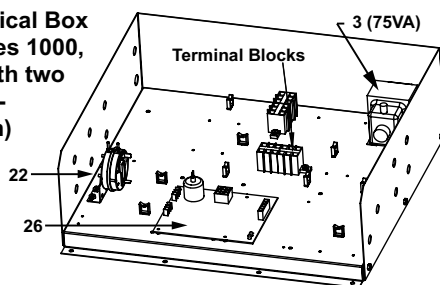


MAPS®III Cabinet D (Models RDCB and RDDB) Gas Heat Section

Applies to all gas heat section controls on cabinet D units manufactured *after* JUL 2011 (may also apply to units manufactured *before* AUG 2011)

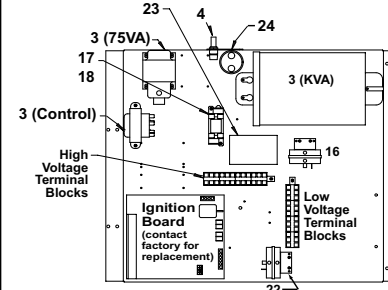


Gas Heat Section Electrical Box (applies only to unit sizes 1000, 1200, 1400, and 1600 with two furnace sections in non-modulating heat section)



Applies to gas heat section controls on cabinet D units manufactured *before* AUG 2011

MAPS®III D Cabinet with Heat Section Sizes 500, 600, 700, 800 with Option AG70, Modulating Gas Control



MAPS®III D Cabinet with Two Heat Sections, Sizes 1000, 1200, 1400, 1600 with Option AG70, Modulating Gas Control

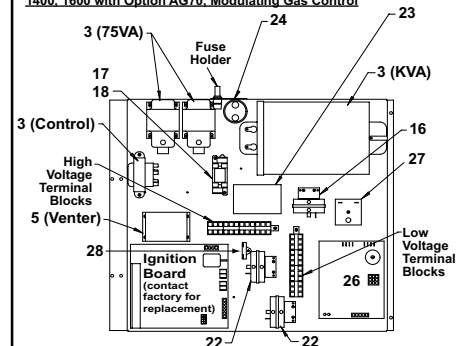


Figure 4. Electrical Panels—Models RCB, RDB, RDCB, and RDDB, Cabinet Size D (Refer to Table 6)

Table 6. Replacement Electrical Components

Item No.	Component	Description	PN	Figure Reference
High Voltage Panel or Heat Section Control Panel				
1	Phase loss/voltage monitor	208/230/460V (option AK5, AK6, or AK7), for option PL4	176826	Figure 3, Figure 5
		575V (option AK8), for option PL4)	258881	
1A	Socket	For phase loss/voltage monitor	194168	Figure 5
2	Distribution block	115A	207641	Figure 3, Figure 4
		250A	222673	
		310A	223495	
3	Transformer	0.25-kVA, with 5-amp time delay fuse (PN 261596), Cutler Hammer S20N11S26	11279	
		0.25-kVA, with 5-amp time delay fuse (PN 261696), Sola-HD HS10B250	113556	
		0.5-kVA, 480-230/120, with 3-amp Fuse (PN 201803), Cutler Hammer S20N11S51	11100	
		0.5-kVA, 575-240/120, with 3-amp fuse (PN 201803), Cutler Hammer S57N11S51N	202056	
		1.0-kVA, with 5 amp fuse (PN 90335), Cutler Hammer S20N11S01	16065	
		1.0-kVA, with 5-amp fuse (PN 90335), Cutler Hammer S60G11S01N	209575	
		1.5-kVA, 480-230/120, with 8-amp fuse (PN 38636), Cutler Hammer S20N11S16N	197085	
		1.5-kVA, 600-240/120, with 8-amp fuse (PN 38636), Cutler Hammer S60G11S16N	260918	
		75-VA, 120/208/240/480-24V, includes circuit breaker, Functional Devices TR75VA005	208989	
		1-kVA, 208-240/120V, for cabinet D with options AG70 and AK5), Cutler Hammer S29N11S01	223462	
		75-VA, 460/575-24V, Hartland Controls HCT-130J2K02199	258912	
		0.75-kVA, 240/480-120/240V, Cutler Hammer S20N11S76	11217	
4	Fuse	3-amp, for transformer, with fuse holder (PN 60241)	201803	
		5-amp, for transformer, with fuse holder (PN 60241)	90335	
		8-amp, for transformer, with fuse holder (PN 60241)	38636	
		10-amp, for transformer, with fuse holder (PN 60241)	254953	
		1.5-amp, for transformer, with time delay, with fuse holder (PN 60241)	261956	
		8-amp, for controller transformer on cabinet D	201773	
5	Contactor*	25-amp, 24V coil, for condenser fan, replaces PN 119625	216386	
		25-amp, 24V coil, for compressors, replaces PN 119625	216386	
		40-amp, 24V coil, for compressors, replaces PN 223021	216387	
		50-amp, 24V coil, for compressors, replaces PN 208375	216388	
		75-amp, 24V coil, for compressors	222674	
		120V coil, for cabinet D with two gas heat sections	119626	
6	Digital controller	For MAPS® IV with digital scroll compressors	266067	Figure 3, Figure 5
6A	Variable resistor	MOV, for digital controller, for MAPS®IV units with option AK7 or AK8 and reheat option AUR1, required with obsolete interface board (PN 222769), not required with interface board (PN 1012894)	255303 (quantity 2)	—
7	Grounding lug		179196	Figure 3, Figure 4
Low Voltage Panel or Heat Section Control Panel				
8	Display	Digital controller, unit-mounted, I/Q system BacView	222189	Figure 3, Figure 4, Figure 6
8A	Bracket	Digital controller	256823	—
9	IQ digital controller**	With programmed software	257604	Figure 3, Figure 4, Figure 6
10	Carel digital controller	For MAPS C, option D19	1011000	Figure 6
		For MAPS C, option D21	1011001	
		For MAPS C, option D22	1024329	
		For MAPS C, option D23	1024330	
		For MAPS D, option D19	1011002	
		For MAPS D, option D21	1011003	
		For MAPS D, option D22	1024335	
		For MAPS D, option D23	1024336	
10A	Carel plug	For digital controller	272630	
11	Expansion board	Control, option BHB6	222188	Figure 3, Figure 6
12	Card, plug-in	With LON software (BHB5) assembly	234823	

*For the blower motor contactor, refer to [Motor Components](#).

**Replacement requires specific model and serial No. of MAPS® system (on system rating plate): provide to local Distributor.

ELECTRICAL COMPARTMENT AND CONTROL COMPONENTS—CONTINUED

Table 6. Replacement Electrical Components—Continued				
Item No.	Component	Description	PN	Figure Reference
Low Voltage Panel or Heat Section Control Panel—Continued				
13	Bus, communication (includes shipped-loose ferrite core for communication connection)	LON DDC, programmed, for MAPS C, option BHB7 with D19	236532	Figure 6
		LON DDC, programmed, for MAPS C, option BHB7 with D21	236533	
		LON DDC, programmed, for MAPS D, option BHB7 with D19	1006077	
		LON DDC, programmed, for MAPS D, option BHB7 with D21	1006078	
14	BACnet card, programmed (option BHB8)	For MAPS C, option D19	236536	
		For MAPS C, option D21	236537	
		For MAPS C, option D22	1024327	
		For MAPS C, option D23	1024328	
		For MAPS D, option D19	236538	
		For MAPS D, option D21	236539	
		For MAPS D, option D22	1024333	
		For MAPS D, option D23	1024334	
15	BACnet IP card, programmed	For MAPS C, option D19	1012843	—
		For MAPS C, option D21	1012844	
		For MAPS C, option D22	1024325	
		For MAPS C, option D23	1024326	
		For MAPS D, option D19	1012845	
		For MAPS D, option D21	1012846	
		For MAPS D, option D22	1024331	
		For MAPS D, option D23	1024332	
16	Pressure switch	Air proving	234712	Figure 3, Figure 4, Figure 6
17	Relay	Heat-permissive	211411	Figure 4
18	Base	Relay	211415	
19	Relay	—	222482	—
20	Interface board	Component of option AUR1	1012894	Figure 3, Figure 4, Figure 6
21	Power supply	Component of option BE16	256654	Figure 3, Figure 6
22	Pressure switch	Combustion air proving, for RDCB and RDDB gas heat sections	Refer to Table 7	Figure 3, Figure 4, Figure 6
23	Sequencer	Gas heat, for D cabinet with two heat sections (JHUP300 and JHUP250)	222755	
		Electric heat, 8-stage	259224	
		Electric heat, 4-stage	222755	
24	Capacitor	Venter motor, for gas heat	Refer to Table 7	Figure 3, Figure 4, Figure 6
24A	Bracket	Venter motor capacitor	208921	Figure 3, Figure 4
25	Ignition control board*	Gas heat (Varidigm module), for cabinets A and B, refer to Table 7 for specifications	258319	Figure 3, Figure 6
		Gas heat (Varidigm module), for cabinet C, refer to Table 7 for specifications	257246	
		Gas heat (Varidigm module), for cabinet D	257246	Figure 4, Figure 6
25A	ID plug**	For units manufactured <i>after</i> JUL 2011 (or earlier as specials)	Refer to Table 7	Figure 3, Figure 4, Figure 6
26	DSI board	Single-stage heat section, refer to Table 7 for specifications	195573	Figure 4, Figure 6
27	Relay	Time delay, for cabinet D with two heat sections	221388	
28	Limit control	ECO, for cabinet D with two heat sections	82414	
29	Circuit breaker	Thermal, for cabinet D with gas heat	262374	
30	Relay	PAM4	222482	Figure 3, Figure 4, Figure 6
*Contact factory for replacement ignition controller on cabinet D units with serial No. ignition codes 86–93 (refer to Serial Number Decoding)				
**For cabinet D on non-modulating burner of unit sizes 1000, 1200, 1400, and 1600, for replacement fuse, order PN 201685.				

Table 6. Replacement Electrical Components—Continued

Item No.	Component	Description	PN	Figure Reference	
Low Voltage Panel or Heat Section Control Panel—Continued					
31	Wiring harness	Cabinets A and B	258956	Figure 3, Figure 6	
			257780		
		Cabinet C	256661		
		Cabinet D	223103	Figure 4, Figure 6	
IQ Digital Controller (Item 9) Sensors*					
32	Sensor	Discharge air, 8-inch probe, with box, in discharge ductwork	222753	Figure 7	
33		Temperature, dry bulb, for options GF9, BE9, and BE10	223111		
34		Space temperature, for option CL23	257338		
		Space temperature, for option CL33	221038		
		Space temperature, for option CL77	222756		
		Space temperature, for option CL78	272631**		
		Return air temperature, 8-inch probe, with box, in return air inlet, I/Q system	222753		
36		Return air humidity, for options GF8 and BE14, in return air inlet, I/Q system	234907		
37		Outside air temperature and humidity, in outside air inlet	222754**		
38		Building CO ₂ , for option BE15	234820		
39		Averaging, zone temperature/humidity	235976**		—
40		Smoke detector, photoelectric, for options SA1 (includes sampling tube, PN 259069) and BE17	159553		Figure 7
41		Dirty filter (pressure gauge), photohelic, for option BE16	255784		Figure 3, Figure 4, Figure 7
42		Wall humidity, for option DT7, I/Q system	234822		Figure 7
43		Pressure transducer	Option VFC3 and BE11, with pressure sensing probe (PN 234821)		234818
	Options VFC4, GF5, and BE12, with ceiling mount box (PN 234905) and outside pressure pickup port (PN 234906)		234819		
43A	Probe	Pressure transducer	234821		
			1020907		
44	Pressure switch	Dirty filter, for option BE18, measures pressure drop	105507	Figure 3, Figure 4, Figure 7	
Miscellaneous Control Components					
45	Outlet, convenience	Option BC2, requires power supply, includes box (PN 17782), receptacle (PN 96912), and cover (PN 209010)	—	Figure 8	
46	Ductstat	Return or discharge	42782		
	Firestat	For option BD5			
47	Display	Remote, for digital controller (option RB3), includes display (PN 222189) and power supply (PN 256654)	234835		
48	Disconnect switch	Non-fusible, for option BA6, refer to Table 7 for specifications	Refer to Table 7		
49		Rain-tight, for option CP, requires field-installation, refer to Table 7 for specifications			
50	Display	Hand-held, for digital controller (option RB4), I/Q system	258452		
50A		Remote, for option RB5, includes hand-held display (PN 260178), 6-pin connection cable (PN 260175), and cable splitter and signal booster module (PN 260735)	260436**	—	
		Remote, for option RB6, includes hand-held display (PN 260178) and 6-pin connection cable (PN 260175)	272407**	Figure 8	
*Depending on the application, sensors may be standard or part of optional controls (option BE__), controls for variable frequency drive (option VFC__), or damper controls (option GF__).					
**Used only with option D19, D21, D22, or D23.					

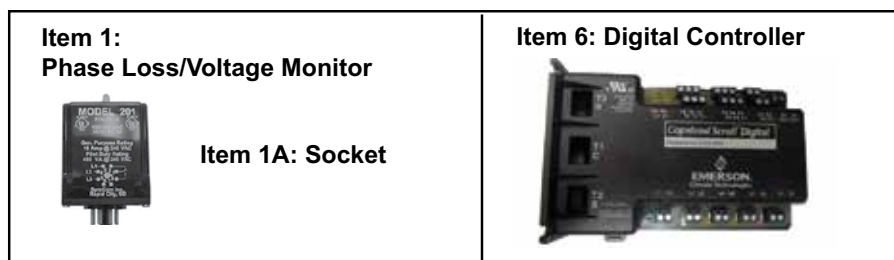


Figure 5. High Voltage Panel or Heat Section Control Panel Components (See Locations in [Figure 3](#) or [Figure 4](#))

ELECTRICAL COMPARTMENT AND CONTROL COMPONENTS—CONTINUED

























<p>Item 8: Digital Controller Display</p> 	<p>Item 10: Carel Digital Controller</p> 	<p>Item 11: Control Expansion Board</p> 	<p>Item 12: Plug-In Card</p> 
<p>Item 9: IQ Digital Controller</p> 	<p>Item 10A: Carel Plug</p> 		
<p>Items 13: Communication Bus, LON DDC</p> 		<p>Items 14: Communication Bus, BacNet DDC</p> 	
	 <p>Ferrite Core</p>		 <p>Ferrite Core</p>
<p>Item 16: Air Proving Switch</p> 	<p>Item 20: Interface Board</p> 	<p>Item 21: Power Supply</p> 	<p>Item 22: Combustion Air Proving Switch</p> 
		<p>Item 23: Sequencer</p> 	
<p>Item 24: Venter Motor Capacitor</p> 	<p>Item 25: Control Board</p>  <p>Item 25A: ID Plug</p> 		<p>Item 26: DSI Board</p> 
	<p><small>NOTE: Boards without ID plugs (right) used on MAPS® Cabinet D manufactured <i>before</i> AUG 2011 are no longer available. Contact your distributor or the factory for replacement information.</small></p> 		
<p>Item 27: Time Delay Relay</p> 	<p>Item 28: Limit Control</p> 	<p>Item 29: Thermal Circuit Breaker</p> 	<p>Item 30: PAM4 Relay</p> 

Figure 6. Low Voltage Panel or Heat Section Control Panel Components
(See Locations in [Figure 3](#) or [Figure 4](#))

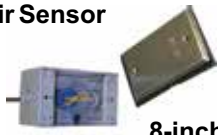









<p>Item 32: Discharge Air Sensor</p> <p>Item 35: Return Air Sensor</p>  <p>8-inch probe</p>	<p>Item 33: Dry Bulb Temperature Sensor</p> 	<p>Item 34: Space Temperature Sensor</p> 
<p>Item 36: Return Air Humidity Sensor</p> 	<p>Item 37: Outside Air Humidity Sensor</p> 	<p>Item 38: Building CO₂ Sensor</p> 
<p>Item 40: Photoelectric Smoke Detector</p> 	<p>Item 41: Photohelic Dirty Filter Sensor</p> 	<p>Item 42: Space Humidity Sensor</p>  <p>Item 44: Dirty Filter Pressure Switch</p> 

Figure 7. IQ Digital Controller Sensors (See Locations in [Figure 3](#) or [Figure 4](#))

ELECTRICAL COMPARTMENT AND CONTROL COMPONENTS—CONTINUED










<p>Item 45: Convenience Outlet</p> <div style="display: flex; justify-content: space-around;">   </div> <p style="display: flex; justify-content: space-around;">Receptacle Cover</p>	<p>Item 47: Remote Display for Digital Controller (Option RB3)</p> 	<p>Item 46: Ductstat or Firestat</p> 
<p>Item 48: Disconnect Switch</p> 	<p>Item 49: Rain-Tight Disconnect Switch</p> 	
<p>Item 50: Hand Held Display for Digital Controller (Option RB4)</p> 	<p>Item 50A: Remote Displays for Digital Controller</p> <div style="display: flex; justify-content: space-around;">   </div> <p style="display: flex; justify-content: space-around;">Display Splitter/Booster</p>	

Figure 8. Miscellaneous Control Components (See Locations in [Figure 3](#) or [Figure 4](#))

NOTE: Refer to [Serial Number Decoding](#) for all ignition codes listed in [Table 7](#).

Table 7. Electrical Component Specifications						
Combustion Air Proving Switch by Cabinet Size and Heat Section Size						
Cabinet Size	Heat Section Size	Gas	Setpoint Off	Label Color	PN	
A	100, 150, 200	Natural	0.80	Gray	197078	
		Propane				
B	250 and JHUP 250	Natural	0.80	Gray	197078	
		Propane	1.05	Brown	201160	
	300	Natural	1.05	Brown		
		Propane				
C	400, 500	Natural	1.40	Red	201159	
	600, 700		2.00	White	234054	
	JHUP 300		0.50	Orange	196388	
D (units manufactured <i>before</i> AUG 2011)*	All		2.00	White	234054	
D (units manufactured <i>after</i> JUL 2011: serial No. ignition code 96)*	500		1.05	Brown	201160	
	600		1.40	Red	201159	
	700		1.05	Brown	201160	
			1.40	Red	201159	
	1000		Modulating	1.05	Brown	201160
			Non-Modulating	2.00	White	234054
	1200		Modulating	1.40	Red	201159
			Non-Modulating	2.00	White	234054
	1400		Modulating	1.05	Brown	201160
			Non-Modulating	2.00	White	234054
	1600		Modulating	1.40	Red	201159
		Non-Modulating	2.50	White	222860	

*Was used as a special *before* AUG 2011. Check the serial No. ignition code (refer to [Serial Number Decoding](#)).

Table 7. Electrical Component Specifications—Continued

Venter Motor Capacitor by Cabinet Size and Gas Heat Section Size						
Cabinet Size	Gas Heat Section Size			Cabinet Location	PN	
A	100–200			Low voltage panel (see Figure 3 and Figure 27)	195641	
B	250	JHUP 250	300	Low voltage panel (see Figure 3 and Figure 27)	195642	
C	400–700		JHUP 300	On venter motor (see Figure 23 and Figure 27)	195643	
D	500–1600			On venter motor (see Figure 24 and Figure 27) or heat section control panel	259476	
Ignition Control Board with Gas Heat by Cabinet Size and Serial Number Code						
Cabinet Size	Manufacturer's Model		Ignition Code	PN		
A and B	VB1200-RZNR-AB		97	258319		
C	VB1200		96	257246		
D*	VB1200		96	257246		
D** (heat section size: 500)	—		86	223554		
D** (heat section size: 600)	—		87	223555		
D** (heat section size: 700)	—		88	223556		
D** (heat section size: 800)	—		89	222678		
*For units manufactured <i>after</i> JUL 2011.						
**For units manufactured <i>before</i> AUG 2011. These previously-used boards without ID plugs are obsolete and are no longer available (see Figure 6).						
ID Plug by Cabinet Size and Heat Section Size*						
Cabinet Size	Heat Section Size	Gas	Ignition Code	Plug Label	Plug No.	PN
A	100	Natural	97	MAPS A100NG	13	258113
		Propane		MAPS A100LP	14	258114
	150	Natural		MAPS A150NG	15	258115
		Propane		MAPS A150LP	16	258116
	200	Natural		MAPS A200NG	17	258117
		Propane		MAPS A200LP	18	258118
B	250	Natural	MAPS B250NG	29	258129	
		Propane	MAPS B250LP	30	258130	
	300	Natural	MAPS B300NG	31	258131	
		Propane	MAPS B300LP	32	258132	
C	400	Natural	96	MAPS C400NG	33	258133
	500			MAPS C500NG	34	258134
	600			MAPS C600NG	35	258135
	700			MAPS C700NG	40	258140
D	500 and 1000	Natural	MAPS D500NG	41	258141	
	600 and 1200		MAPS D600NG	42	258142	
	700 and 1400		MAPS D700NG	43	258143	
	800 and 1600		MAPS D800NG	44	258144	
*The plug is removable and is unique by size and gas. If the ignition control board is replaced, the plug must be re-used or replaced.						
DSI Board by Cabinet Size and Serial Number Code*						
Cabinet Size	Heat Section Size	Ignition Code	PN			
			Obsolete**	Current		
D	1000	90	223554	195573		
	1200	91	223555	195573		
	1400	92	223556	195573		
	1600	93	222678	195573		
*Used in second heat section.						
**No longer available.						

ELECTRICAL COMPARTMENT AND CONTROL COMPONENTS—CONTINUED

Table 7. Electrical Component Specifications—Continued				
Disconnect Switch by Cabinet Size and Model				
Cabinet Size	Model	Unit Size	Voltage	PN*
A	All	All	208, 230, 460, 575	207678
B	RCB/RDB/RDCB/RDDB & RCC/RDC/RDCC/RDDC	118, 136, 142, 160, 162 184	208, 230	207678
		186, 210, 200, 222, 224, 236-		207679
		All	460, 575	205907
	RECB/REDB & RECC/REDC (by electric heat section size)	15, 20, 25, 30, 35, 39, 50	208, 230	207679
		60, 75		222422
		20, 25, 30, 35, 39	460	205907
		50, 60		205908
		75, 88		222422
		20, 25, 30, 35, 39, 50, 60	575	205907
		75		205908
88	207678			
C**	All	All	208, 230, 460, 575	222422
D	All	All	460, 575	207679
*All are ≤250A for option BA6.				
**PNs for option BA7 (dual emergency power): 205906 (60A) and 222422 (250A).				
Disconnect Switch by Cabinet Size and Model				
Installation Location	Voltage (Maximum)	Description	Same as	PN
US	240	60 amp, 240 volt, non-fusible	CP 30	161469
		100 amp, 240 volt, non-fusible	CP 31	162834
		200 amp, 240 volt, non-fusible	CP 32	155007
		60 amp, 240 volt, fusible	CP 17	89932
		100 amp, 240 volt, fusible	CP 18	90973
		200 amp, 240 volt, fusible	CP 19	91076
	600	400 amp, 240 volt, fusible	CP 72	223658
		30 amp, 600 volt, non-fusible	CP 7	50367
		60 amp, 600 volt, non-fusible	CP 38	155012
		100 amp, 600 volt, non-fusible	CP 39	155013
		200 amp, 600 volt, non-fusible	CP 40	155014
		400 amp, 600 volt, non-fusible	CP 78	223660
		30 amp, 600 volt, fusible	CP 8	50368
		60 amp, 600 volt, fusible	CP 20	90974
Canada	600	100 amp, 600 volt, fusible	CP 36	155010
		200 amp, 600 volt, fusible	CP 37	155011
		400 amp, 600 volt, fusible	CP 76	223659
		30 amp, 600 volt, non-fusible	CP 59	208054
		60 amp, 600 volt, non-fusible	CP 61	208056
		100 amp, 600 volt, non-fusible	CP 63	208058
		200 amp, 600 volt, non-fusible	CP 65	208060
30 amp, 600 volt, fusible	CP 42	208046		
60 amp, 600 volt, fusible	CP 44	208048		
100 amp, 600 volt, fusible	CP 46	208050		
200 amp, 600 volt, fusible	CP 48	208052		
400 amp, 600 volt, fusible	CP 80	223661		

MOTOR COMPONENTS

- **Replacement motors** are listed by type and horsepower. Highlighted motors in [Table 10](#), [Table 11](#), and [Table 12](#) do not have internal overload protection and must be used with the motor starter and overload listed unless the unit is equipped with a variable frequency drive.
- **Replacement motor contactors** are available in options AN2, EN2, and SN2. Motor contactor with 24V coil (PN 216386, manufacturer's model HCC-3XQ01CY) replaces PN 119625 and is located in the high voltage electrical compartment (for location, see [Figure 3](#) and [Figure 4](#)).
- **Replacement motor starters and their overloads** are available in options AN10, EN10, and SN10. The motor starter is located in the high voltage electrical compartment (for location, see [Figure 3](#) and [Figure 4](#)).
- **Variable frequency drives and their Drive Reactors** are available in options VFD, EFD, and SFD.

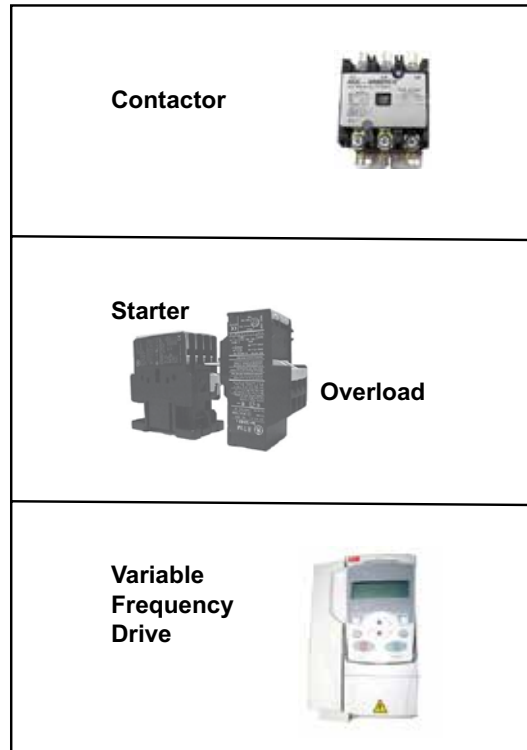


Figure 9. Motor Components

MOTOR COMPONENTS—CONTINUED

Table 8. Variable Frequency Drive (VFD) by Voltage Option and Horsepower (HP)

VFD Option	HP	Voltage Option		
		AK5/AK6	AK7	AK8
			PN	
AL4	0.5	221605	221612	—
AL5	0.75	221606	221613	—
AL6	1	221607	221614	—
AL7	1.5	221608	221615	—
AL8	2	221609	221616	221855
AL9	3	221610	221617	221856
AL10	5	221611	221618	221857
AL11	7.5	221621	221619	221858
AL12	10	221622	221620	221859
AL15	15	221623	221627	221860
AL16	20	221624	221628	—
AL21	0.5	221605	221612	—
AL22	0.75	221606	221613	—
AL23	1	221607	221614	—
AL24	1.5	221608	221615	—
AL25	2	221609	221616	221855
AL26	3	221610	221617	221856
AL27	5	221611	221618	221857
AL32	7.5	221621	221619	221858
AL33	10	221622	221620	221859
AL34	15	221623	221627	221860
AL35	20	221624	221628	—
AL36	1	221607	221614	—
AL37	1.5	221608	221615	—
AL38	2	221609	221616	221855
AL39	3	221610	221617	221856
AL40	5	221611	221618	221857
AL41	7.5	221621	221619	221858
AL42	10	221622	221620	221859
AL43	15	221623	221627	221860
AL44	20	221624	221628	—

Table 9. Drive Reactor by Variable Frequency Drive

Frame	Drive Description	HP	Voltage/Phase	PN	
				VFD*	Drive Reactor
R0	ABB ACS355-03U-02A4-2+J404	0.5	208–240/3	221605	221598
	ABB ACS355-03U-01A2-4+J404		480/3	221612	221590
	ABB ACS355-03U-03A5-2+J404	0.75	208–240/3	221606	221598
	ABB ACS355-03U-01A9-4+J404		480/3	221613	221591
R1	ABB ACS355-03U-02A4-4+J404	1	480/3	221614	221592
	ABB ACS355-03U-04A7-2+J404	1.5	208–240/3	221607	221594
	ABB ACS355-03U-06A7-2+J404		208–240/3	221608	221595
	ABB ACS355-03U-03A3-4+J404	2	480/3	221615	221593
	ABB ACS355-03U-04A1-4+J404		480/3	221616	221585
	ABB ACS355-03U-07A5-2+J404		208–240/3	221609	221596
	ABB ACS355-03U-05A6-4+J404	3	480/3	221617	221586
ABB ACS355-03U-08A8-4+J404	5	480/3	221618	221587	
R2	ABB ACS355-03U-09A8-2+J404	3	208–240/3	221610	221597
	ABB ACS355-03U-17A6-2+J404	5	208–240/3	221611	221599
R3	ABB ACS355-03U-12A5-4+J404	7.5	480/3	221619	221588
	ABB ACS355-03U-15A6-4+J404	10	480/3	221620	221589

*If VFD is not listed, drive reactor is not required.

MOTOR OPTIONS AL, EL, AND SL

- Option AL is the motor for the MAPS® blower.
- Option EL is the motor for the exhaust fan on an option ER1 energy recovery module or an option PE power exhaust.
- Option SL is the motor for the supply fan on an option ER1 energy recovery module.
- Contactor options AN2, EN2, and SN2 and starter options AN10, EN10, and SN10 are the same for their respective motor option (AL, EL, or SL).

NOTE: Tables below apply to all blower/fan motor options.

OPEN-TYPE MOTORS

Table 10. Open-Type Motors by Motor Option and Starter

Motor							Starter (Options AN10, EN10, and SN10)					
Option	HP	Full Load Amps (FLA)	Manufacturer's Model	Frame Size	Voltage/Phase	PN	Starter		Starter Overload			
							Manufacturer's Model	PN	Min Amps	Max Amps	GE Model	PN
AL4 EL4	0.5	2.5	AO-H880	LA56	208/3	159183	CL00A310T-1	151275	1.80	2.70	RTA1-J	151189
		3.0	AO-H880	LA56	240/3	159183	CL00A310T-1	151275	2.50	4.10	RTA1-K	151190
		1.5	AO-H880	LA56	480/3	159183	CL00A310T-1	151275	1.30	1.90	RTA1-H	151188
		0.9	AOS - H991	H56	575/3	202089	CL00A310T-1	151275	0.65	1.10	RTA1-F	151186
AL5 EL5	0.75	2.9	AO-312P696	D56	208/3	36951	CL00A310T-1	151275	2.50	4.10	RTA1-K	151190
		2.6	AO-312P696	D56	240/3	36951	CL00A310T-1	151275	2.50	4.10	RTA1-K	151190
		1.3	AO-312P696	D56	480/3	36951	CL00A310T-1	151275	1.00	1.50	RTA1-G	151187
AL6 EL6 SL6	1	1.0	AOS - H992	H56	575/3	202090	CL00A310T-1	151275	0.65	1.10	RTA1-F	151186
		4.0	AOS-H882L	56H	208/3	36580	CL00A310T-1	151275	2.50	4.10	RTA1-K	151190
		3.7	AOS-H882L	56H	240/3	36580	CL00A310T-1	151275	2.50	4.10	RTA1-K	151190
		2.0	AOS-H882L	56H	480/3	36580	CL00A310T-1	151275	1.80	2.70	RTA1-J	151189
AL7 EL7 SL7	1.5	1.4	AO-H959	JA56	575/3	158175	CL00A310T-1	151275	1.00	1.50	RTA1-G	151187
		5.6	AO-H884L	UA56	208/3	115859	CL00A310T-1	151275	4.00	6.30	RTA1-L	151191
		5.0	AO-H884L	UA56	240/3	115859	CL00A310T-1	151275	4.00	6.30	RTA1-L	151191
		2.8	AO-H884L	UA56	480/3	115859	CL00A310T-1	151275	2.50	4.10	RTA1-K	151190
AL8 EL8 SL8	2	2.0	AOS H960	LA56H	575/3	158162	CL00A310T-1	151275	1.8	2.70	RTA1-J	151189
		7.0	AO-H886	56HZ	208/3	159327	CL00A310T-1	151275	5.50	8.50	RTA1-M	151192
		6.6	AO-H886	56HZ	240/3	159327	CL00A310T-1	151275	5.50	8.50	RTA1-M	151192
		3.5	AO-H886	56HZ	480/3	159327	CL00A310T-1	151275	2.50	4.10	RTA1-K	151190
AL9 EL9 SL9	3	2.6	H965V1	L56	575/3	158176	CL00A310T-1	151275	1.80	2.70	RTA1-J	151189
		9.0	AO-H845	P56HZ	208/3	159185	CL00A310T-1	151275	8.00	12.00	RTA1-N	151193
		8.6	AO-H845	P56HZ	240/3	159185	CL00A310T-1	151275	8.00	12.00	RTA1-N	151193
		4.3	AO-H845	P56HZ	480/3	159185	CL00A310T-1	151275	4.00	6.30	RTA1-L	151191
AL10 EL10 SL10	5	3.6	AO-H954	N56HZ	575/3	120019	CL00A310T-1	151275	2.50	4.10	RTA1-K	151190
		13.4	AO-196033J	Y56HZ	208/3	113371	CL01A310T-1	151276	10.00	16.00	RTA1-P	151194
		13.2	AO-196033J	Y56HZ	240/3	113371	CL01A310T-1	151276	10.00	16.00	RTA1-P	151194
		6.6	AO-196033J	Y56HZ	480/3	113371	CL00A310T-1	151275	5.50	8.50	RTA1-M	151192
AL11	7.5	5.4	AO-H956	Y56HZ	575/3	120020	CL00A310T-1	151275	4.00	6.30	RTA1-L	151191
		21.0	WEST DTP7/54	213T	208/3	105855	CL04A310M-1	151279	21.00	26.00	RTA1-U	151198
		19.0	WEST DTP7/54	213T	240/3	105855	CL25A310T-1	1024071	17.50	22.00	RTA1-T	1024078
		10.0	WEST DTP7/54	213T	480/3	105855	CL00A310T-1	151275	8.00	12.00	RTA1-N	151193
AL12	10	7.5	AOS-E926	S213T	575/3	158164	CL00A310T-1	151275	5.50	8.50	RTA1-M	151192
		27.0	WEST DTP0104	215T	208/3	105858	CL04A310M-1	151279	25.00	32.00	RTA1-V	151199
		24.4	WEST DTP0104	215T	240/3	105858	CL04A310M-1	151279	25.00	32.00	RTA1-V	151199
		12.2	WEST DTP0104	215T	480/3	105858	CL01A310T-1	151276	10.00	16.00	RTA1-P	151194
AL15	15	10.1	AOS-E925	S215T	575/3	158163	CL01A310T-1	151276	10.00	16.00	RTA1-P	151194
		40.3	WEST DTP0154	254T	208/3	142288	CL06A311M-1	203687	30.00	43.00	RTA2-E	151206
		36.4	WEST DTP0154	254T	240/3	142288	CL06A311M-1	203687	30.00	43.00	RTA2-E	151206
		18.2	WEST DTP0154	254T	480/3	142288	CL25A310T-1	1024071	17.50	22.00	RTA1-T	1024078
AL16	20	16.0	B-EFM2513T-5-F2	254T	575/3	142289	CL02A310T-1	151277	14.50	18.00	RTA1-S	151196
		53.7	WEST DTP0204	256T	208/3	142296	CL07A311M-1	203793	54.00	65.00	RTA2-G	151202
		48.6	WEST DTP0204	256T	240/3	142296	CL07A311M-1	203793	42.00	55.00	RTA2-G	151202
		24.3	WEST DTP0204	256T	480/3	142296	CL04A310M-1	151279	25.00	32.00	RTA1-U	151198
		18.9	B-FM2515T-5-F2	256T	575/3	142297	CL25A310T-1	1024071	17.50	22.00	RTA1-T	1024078

MOTOR COMPONENTS—CONTINUED

TYPE TEFC MOTORS

Table 11. Totally-Enclosed (TEFC) Motors by Motor Option and Starter												
Motor							Starter (Options AN10, EN10, and SN10)					
							Starter		Starter Overload			
Option	HP	Full Load Amps (FLA)	Manufacturer's Model	Frame Size	Voltage/Phase	PN	Manufacturer's Model	PN	Min Amps	Max Amps	GE Model	PN
AL21 EL21	0.5	2.3	AO-H274	H56	208/3	16077	CL00A310T-1	151275	1.80	2.70	RTA1-J	151189
		2.0	AO-H274	H56	240/3	16077	CL00A310T-1	151275	1.80	2.70	RTA1-J	151189
		1.0	AO-H274	H56	480/3	16077	CL00A310T-1	151275	0.65	1.10	RTA1-F	151186
		0.7	AO-H276	J56	575/3	105568	CL00A310T-1	151275	0.65	1.10	RTA1-F	151186
AL22 EL22	0.75	2.0	AO-H580	KA56	208/3	20371	CL00A310T-1	151275	1.80	2.70	RTA1-J	151189
		2.2	AO-H580	KA56	240/3	20371	CL00A310T-1	151275	1.80	2.70	RTA1-J	151189
		1.1	AO-H580	KA56	480/3	20371	CL00A310T-1	151275	1.00	1.50	RTA1-G	151187
		0.8	AO-H461	L56	575/3	105569	CL00A310T-1	151275	0.65	1.10	RTA1-F	151186
AL23 EL23 SL23	1	3.3	WEG-00118E	D56	208/3	271444*	CL00A310T-1	151275	2.50	4.10	RTA1-K	151190
		3.1	WEG-00118E	D56	240/3	271444*	CL00A310T-1	151275	2.50	4.10	RTA1-K	151190
		1.6	WEG-00118E	D56	480/3	271444*	CL00A310T-1	151275	1.30	1.90	RTA1-H	151188
		1.4	AO-H525	H56	575/3	105570	CL00A310T-1	151275	1.00	1.50	RTA1-G	151187
AL24 EL24 SL24	1.5	4.8	WEG-00158E	D56	208/3	271445*	CL00A310T-1	151275	4.00	6.30	RTA1-L	151191
		4.6	WEG-00158E	D56	240/3	271445*	CL00A310T-1	151275	4.00	6.30	RTA1-L	151191
		2.3	WEG-00158E	D56	480/3	271445*	CL00A310T-1	151275	1.80	2.70	RTA1-J	151189
		1.7	AO-T59027	M145T	575/3	105665	CL00A310T-1	151275	1.30	1.90	RTA1-H	151188
AL25 EL25 SL25	2	6.1	WEST-NP0024	145T	208/3	158165	CL00A310T-1	151275	5.50	8.50	RTA1-M	151192
		5.6	WEST-NP0024	145T	240/3	158165	CL00A310T-1	151275	4.00	6.30	RTA1-L	151191
		2.8	WEST-NP0024	145T	480/3	158165	CL00A310T-1	151275	2.50	4.10	RTA1-K	151190
		2.2	AOS-T59028	145T	575/3	158166	CL00A310T-1	151275	1.90	2.70	RTA1-J	151189
AL26 EL26 SL26	3	7.9	B-EM3559T	145T	208/3	159330	CL00A310T-1	151275	5.50	8.50	RTA1-N	151192
		7.2	B-EM3559T	145T	240/3	159330	CL00A310T-1	151275	5.50	8.50	RTA1-N	151192
		3.6	B-EM3559T	145T	480/3	159330	CL00A310T-1	151275	2.50	4.10	RTA1-K	151190
		2.8	B-EM3559T-5	145T	575/3	158168**	CL00A310T-1	151275	2.50	4.10	RTA1-K	151190
AL27 EL27 SL27	5	12.6	WEST-NP0052	184T	208/3	155048	CL02A310T-1	151277	10.00	16.00	RTA1-P	151194
		11.4	WEST-NP0052	184T	240/3	155048	CL01A310T-1	151276	10.00	16.00	RTA1-P	151194
		5.7	WEST-NP0052	184T	480/3	155048	CL00A310T-1	151275	4.00	6.30	RTA1-L	151191
		4.7	AOS-T59005	184T	575/3	158170	CL00A310T-1	151275	4.00	6.30	RTA1-L	151191
AL32	7.5	19.5	WEST-NP7/54	213T	208/3	158171	CL04A310M-1	151279	17.50	22.00	RTA1-T	151197
		17.7	WEST-NP7/54	213T	240/3	158171	CL25A310T-1	1024071	17.50	22.00	RTA1-T	1024078
		8.9	WEST-NP7/54	213T	480/3	158171	CL00A310T-1	151275	8.00	12.00	RTA1-N	151193
		7.3	AOS-T59031	213T	575/3	158172	CL00A310T-1	151275	5.50	8.50	RTA1-M	151192
AL33	10	25.7	WEST-NP0104	215T	208/3	158173	CL04A310M-1	151279	25.00	32.00	RTA1-V	151199
		23.3	WEST-NP0104	215T	240/3	158173	CL04A310M-1	151279	21.00	26.00	RTA1-U	151198
		11.6	WEST-NP0104	215T	480/3	158173	CL02A310T-1	151277	10.00	16.00	RTA1-P	151194
		9.0	AOS-T59032	215T	575/3	158174	CL00A310T-1	151275	8.00	12.00	RTA1-N	151193
AL34	15	38.1	WEST-NP0154	254T	208/3	142443	CL06A311M-1	203687	30.00	43.00	RTA2-E	151206
		34.5	WEST-NP0154	254T	240/3	142443	CL06A311M-1	203687	30.00	43.00	RTA2-E	151206
		17.3	WEST-NP0154	254T	480/3	142443	CL25A310T-1	1024071	17.50	22.00	RTA1-T	1024078
		14.8	AOS-T59033	254T	575/3	142444	CL02A310T-1	151277	10.00	16.00	RTA1-P	151194
AL35	20	50.8	WEST-NP0204	256T	208/3	142301	CL07A311M-1	203793	42.00	55.00	RTA2-G	151202
		46.0	WEST-NP0204	256T	240/3	142301	CL07A311M-1	203793	42.00	55.00	RTA2-G	151202
		23.0	WEST-NP0204	256T	480/3	142301	CL04A310M-1	151279	25.00	32.00	RTA1-V	151199
		19.6	AOS-T59034	256T	575/3	142302	CL25A310T-1	1024071	17.50	22.00	RTA1-T	1024078

*Requires a starter. Consult the factory-provided wiring diagram or serial number to determine the appropriate replacement starter and overload.

**The original motor's shaft size was 1-1/8-inch. The replacement motor's shaft size is 7/8-inch.

ENERGY-EFFICIENT (EE) MOTORS

NOTE: The motors listed in [Table 12](#) may not be available. If a functional replacement is required for any motor listed, the wiring diagram or serial number will be required.

Table 12. Energy-Efficient (EE) Motors by Motor Option and Starter												
Motor (Blower)							Starter (Option AN10)					
HP	Manufacturer's Model	Frame Size	Full Load Amps (FLA)	Shaft Size (Inches)	Voltage/Phase	PN	Starter		Starter Overload			
							Manufacturer's Model	PN	Min Amps	Max Amps	GE Model	PN
1	West DHP0014	143T	3.1	7/8	208/3	159328	CL00A310T-1	151275	2.5	4.1	RTA1-K	151190
	West DHP0014	143T	2.7	7/8	240/3	159328	CL00A310T-1	151275	2.5	4.1	RTA1-K	151190
	West DHP0014	143T	1.4	7/8	480/3	159328	CL00A310T-1	151275	1.0	1.5	RTA1-G	151187
	AOS H959	N143T	1.1	7/8	575/3	158175	CL00A310T-1	151275	1.0	1.5	RTA1-G	151187
1.5	E104	P145T	4.5	7/8	208/3	105662	CL00A310T-1	151275	4.0	6.3	RTA1-L	151191
	E1016	145T	3.9	7/8	240/3	159329	CL00A310T-1	151275	2.5	4.1	RTA1-K	151190
	E1016	145T	2.0	7/8	480/3	159329	CL00A310T-1	151275	1.9	2.7	RTA1-J	151189
	AOS H960	R145T	1.6	7/8	575/3	158162	CL00A310T-1	151275	1.3	1.9	RTA1-H	151188
2	E105	P145T	6.0	7/8	208/3	105664	CL00A310T-1	151275	4.0	6.3	RTA1-L	151191
	E1017	145T	5.8	7/8	240/3	159027	CL00A310T-1	151275	4.0	6.3	RTA1-L	151191
	E1017	145T	2.9	7/8	480/3	159027	CL00A310T-1	151275	2.5	4.1	RTA1-K	151190
	AOS H965V1	P145T	2.1	7/8	575/3	158176	CL00A310T-1	151275	1.9	2.7	RTA1-J	151189
3	B-35L405S489G3	145T	8.3	7/8	208/3	159186	CL00A310T-1	151275	8.0	12.0	RTA1-N	151193
	B-EM3158T	145T	7.4	7/8	240/3	159028	CL00A310T-1	151275	5.5	8.5	RTA1-N	151192
	B-EM3158T	145T	3.7	7/8	480/3	159028	CL00A310T-1	151275	2.5	4.1	RTA1-K	151190
	B-35L405S709G1	145T	3.0	7/8	575/3	159030	CL00A310T-1	151275	2.5	4.1	RTA1-K	151190
5	E204	H182T	13.9	1-1/8	208/3	159029	CL02A310T-1	151277	10.0	16.0	RTA1-P	151194
	E204	H182T	11.6	1-1/8	240/3	159029	CL01A310T-1	151276	10.0	16.0	RTA1-P	151194
	E204	H182T	5.8	1-1/8	480/3	159029	CL00A310T-1	151275	5.5	8.5	RTA1-M	151192
	BAL-M3613T-5	184T	4.8	1-1/8	575/3	111602	CL00A310T-1	151275	4.0	6.3	RTA1-L	151191

DRIVE COMPONENTS (PULLEYS AND BELTS)

- **Blower Pulleys:** A 1-inch blower pulley applies to cabinets A and B. A 1-3/16-inch blower pulley applies to cabinet C. A 1-7/16-inch blower pulley applies to cabinet D. If an H x 1-inch bushing is required, order PN 92203. If an H x 1-3/16-inch bushing is required, order PN 106260. If an H x 1-7/16-inch bushing is required, order PN 89659.
- **Linked Belts:** Drives listed in this section for 0.5- to 5-HP motors have linked belts. Assume 17 Fenner "A" or "B" belt links per foot. Linked belt PNs 201809 and 202655 are each for 1 foot of belt. Refer to [Table 14](#), [Table 15](#), or [Table 16](#) for the quantity required.
- **Solid Belts:** All drives for 7.5-, 10-, 15-, and 20-HP motors have solid belts. If replacement drive components are needed for a 0.5- to 5-HP motor with a solid belt, use either a field-supplied belt in accordance with [Table 14](#), [Table 15](#), or [Table 16](#) or consult the factory.

Option	Range (rpm)	Option	Range (rpm)	Option	Range (rpm)
AM4A	351-400	AM13/EM13/SM13	1001-1050	AM25/EM25/EM25	1601-1650
AM1	401-450	AM14/EM14/SM14	1051-1100	AM26/EM26/EM26	1651-1700
AM2	451-500	AM15/EM15/SM15	1101-1150	AM27/EM27/SM27	1701-1750
AM3	501-550	AM16/EM16/SM16	1151-1200	AM28/EM28/SM28	1751-1800
AM4/EM4/SM4	551-600	AM17/EM17/SM17	1201-1250	AM29	1801-1850
AM5/EM5/SM5	601-650	AM18/EM18/SM18	1251-1300	AM30	1851-1900
AM6/EM6/SM6	651-700	AM19/EM19/SM19	1301-1350	AM31	1901-1950
AM7/EM7/SM7	701-750	AM20/EM20/SM20	1351-1400	AM32	1951-2000
AM8/EM8/SM8	751-800	AM21/EM21/SM21	1401-1450	AM33	2001-2050
AM9/EM9/SM9	801-850	AM22/EM22/SM22	1451-1500	AM34	2051-2100
AM10/EM10/SM10	851-900	AM23/EM23/SM23	1501-1550	AM35	2101-2150
AM11/EM11/SM11	901-950	AM24/EM24/SM24	1551-1600	AM36	2151-2100
AM12/EM12/SM12	951-1000				

DRIVE COMPONENTS (PULLEYS AND BELTS)—CONTINUED

NOTE: Refer to [Serial Number Decoding](#) for serial number codes that follow.

Table 14. Drive Components—Open-Type Motors											
Motor			Motor Pulley			Blower Pulley			Belt	Serial No. Code	
HP	Option AL/EL/SL	Voltage Option (Voltage)	Drive Option AM/EM/SM (Refer to Table 13)	PN	Model	Bore Size (Inches)	PN	Model	Bore Size (Inches)		PN (Quantity)
0.5, 0.75, 1, 1.5	4, 5, 6, 7	AK5 (208/3), AK6 (230/3), AK7 (460/3)	1, 2	13580	1VL34	5/8	111609	AK 99	1	201809 (3.8 feet)	KJ
							16154	AK 104	1-3/16		DK
			3, 4	7962	1VL40		111609	AK 99	1		LJ
							106255	AK 94	1-3/16		EK
			5, 6, 7	7962	1VL40		19111	AK 84	1		OJ
							111862	AK 84	1-3/16		FK
			8, 9, 10, 11, 12	7962	1VL40		18797	AK 64	1		NJ
							208608	AK 64	1-3/16		GK
			13, 14, 15, 16, 17	7962	1VL40		135200	AK 51	1		OJ
				105476	1VL44		208610	AK 56	1-3/16		HK
			18, 19, 20, 21, 22, 23, 24, 25	105476	1VL44		206125	AK 44	1		WJ
							194295	AK 44H	1-3/16		IK
			26, 27, 28, 29	105476	1VL44		135201	AK 39	1		ZJ
				7962	1VL40		194296	AK 32 H	1-3/16		JK
0.5, 0.75	4, 5	AK8 (575/3)	1, 2	13580	1VL34	5/8	111609	AK 99	1	201809 (3.8 feet)	KJ
							16154	AK 104	1-3/16		DK
			3, 4	7962	1VL40		111609	AK 99	1		LJ
							106255	AK 94	1-3/16		EK
			5, 6, 7	7962	1VL40		19111	AK 84	1		SK
							111862	AK 84	1-3/16		FK
			8, 9, 10, 11, 12	7962	1VL40		18797	AK 64	1		NJ
							208608	AK 64	1-3/16		GK
			13, 14, 15, 16, 17	7962	1VL40		135200	AK 51	1		OJ
				105476	1VL44		208610	AK 56	1-3/16		HK
			18, 19, 20, 21, 22, 23, 24, 25	105476	1VL44		206125	AK 44	1		WJ
							194295	AK 44H	1-3/16		IK
			26, 27, 28, 29	105476	1VL44		135201	AK 39	1		ZJ
				7962	1VL40		194296	AK 32 H	1-3/16		JK
1, 1.5	6, 7	AK8 (575/3)	1, 2	110125	1VP34	7/8	111609	AK 99	1	201809 (3.8 feet)	PJ
							16154	AK 104	1-3/16		KK
			3, 4	106748	1VL40		111609	AK 99	1		QJ
							106255	AK 94	1-3/16		LK
			5, 6, 7	106748	1VL40		19111	AK 84	1		RJ
							111862	AK 84	1-3/16		MK
			8, 9, 10, 11, 12	106748	1VL40		18797	AK 64	1		SJ
							208608	AK 64	1-3/16		NK
			13, 14, 15, 16, 17	106748	1VL40		135200	AK 51	1		OK
				106758	1VL44		208610	AK 56	1-3/16		PK
			18, 19, 20, 21, 22, 23, 24, 25	106758	1VL44		206125	AK44	1		WJ
							194295	AK 44H	1-3/16		QK
			26, 27, 28, 29	106758	1VL44		135201	AK39	1		YJ
				106748	1VL40		194296	AK 32 H	1-3/16		RK
2	8	AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	1, 2	110125	1VP34	7/8	111609	AK 99	1	201809 (3.8 feet)	KJ
							16154	AK 104	1-3/16		DK
			3, 4	106748	1VL40		111609	AK 99	1		LJ
							106255	AK 94	1-3/16		EK
			5, 6, 7	106748	1VL40		19111	AK 84	1		MJ
							111862	AK 84	1-3/16		FK
			8, 9, 10, 11, 12	106748	1VL40		18797	AK 64	1		NJ
							208608	AK 64	1-3/16		GK
			13, 14, 15, 16, 17	106748	1VL40		135200	AK 51	1		OJ
				106758	1VL44		208610	AK 56	1-3/16		HK
			18, 19, 20, 21, 22, 23, 24, 25	106758	1VL44		206125	AK44	1		WJ
							194295	AK 44H	1-3/16		IK
			26, 27, 28, 29	106758	1VL44		135201	AK39	1		ZJ
				106748	1VL40		194296	AK 32 H	1-3/16		JK

Table 14. Drive Components—Open-Type Motors—Continued

Motor		Motor Pulley			Blower Pulley			Belt	Serial No. Code						
HP	Option AL/EL/SL	Voltage Option (Voltage)	Drive Option AM/EM/SM (Refer to Table 13)	PN	Model	Bore Size (Inches)	PN	Model		Bore Size (Inches)	PN (Quantity)				
3, 5	9, 10	AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	9, 10, 11, 12	106748	1VL40	7/8	101414	BK130	1	202655 (3.8 feet)	UJ				
			13, 14, 15, 16, 17	106748	1VL40		208755	BK130H	1-3/16		SK				
			18, 19, 20, 21, 22	37451	1VM50		202654	BK105	1		VJ				
			23, 24, 25, 26, 27, 28, 29	37451	1VM50		208756	BK105H	1-3/16		RK				
			30, 31, 32, 33, 34, 35, 36	37451	1VM50		16153	AK104	1		AK				
							16154	AK104	1-3/16		UK				
							19111	AK84	1		BK				
							111862	AK84	1-3/16		VK				
							105483	AK69	1		CK				
							105484	AK71H	1-3/16		WK				
7.5, 10	11, 12 cabinet C only <i>before</i> JUL 2012	AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	13, 14, 15, 16	164294	1VP71	1-3/8	208756	BK105H	1-3/16	92242 (BX70)*	XK				
			17, 18, 19, 20	164294	1VP71		162836	BK90H	1-3/16		YK				
			21, 22, 23, 24	164294	1VP71		112026	BK75H	1-3/16		ZK				
			25, 26, 27, 28	164294	1VP71		208791	BK70H	1-3/16		AL				
			13, 14, 15, 16	164294	1VP71		208756	BK105H	1-7/16		AT				
			17, 18, 19, 20	164294	1VP71		162836	BK90H	1-7/16		AU				
	21, 22, 23, 24		164294	1VP71	112026		BK75H	1-7/16	AV						
	25, 26, 27, 28		164294	1VP71	208791		BK70H	1-7/16	AX						
	13, 14, 15, 16		164294	1VP71	208756		BK105H	1-7/16	DM						
	17, 18, 19, 20		164294	1VP71	162836		BK90H	1-7/16	EM						
	21, 22, 23, 24		164294	1VP71	112026		BK75H	1-7/16	FM						
	25, 26, 27, 28		164294	1VP71	208791		BK70H	1-7/16	GM						
	15, 20		15, 16 cabinet D only 32" CL	AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	14, 15, 16, 17		113809	2VP71	1-5/8		89649	2BK100H	1-7/16	223420 (2) (BX88)*	HM
					18, 19, 20		113809	2VP71			113804	2BK90H	1-7/16		IM
					21, 22, 23, 24, 25		113808	2VP75			89648	2BK80H	1-7/16		LM
					26, 27, 28, 29, 30		113808	2VP75			110810	2BK70H	1-7/16		JM

*BX code designates belt model (BX) plus size.

Table 15. Drive Components—Totally-Enclosed (TEFC) Motors

Motor		Motor Pulley			Blower Pulley			Belt	Serial No. Code		
HP	Option AL/EL/SL	Voltage Option (Voltage)	Drive Option AM/EM/SM (Refer to Table 13)	PN	Model	Bore Size (Inches)	PN	Model		Bore Size (Inches)	PN (Quantity)
0.5, 0.75, 1	21, 22, 23	AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	1, 2	13580	1VL34	5/8	111609	AK 99	1	201809 (3.8 feet)	KJ
			3, 4	7962	1VL40		16154	AK 104	1-3/16		DK
			5, 6, 7	7962	1VL40		111609	AK 99	1		LJ
			8, 9, 10, 11, 12	7962	1VL40		106255	AK 94	1-3/16		EK
			13, 14, 15, 16, 17	7962	1VL40		19111	AK 84	1		MJ
			18, 19, 20, 21, 22, 23, 24, 25	105476	1VL44		111862	AK 84	1-3/16		FK
			26, 27, 28, 29	105476	1VL44		18797	AK 64	1		NJ
				105476	1VL44		208608	AK 64	1-3/16		GK
				105476	1VL44		135200	AK 51	1		OJ
				105476	1VL44		208610	AK 56	1-3/16		HK
				105476	1VL44		206125	AK 44	1		WJ
				105476	1VL44		194295	AK 44H	1-3/16		IK
				105476	1VL44		135201	AK 39	1		ZJ
				105476	1VL44		194296	AK 32 H	1-3/16		JK

DRIVE COMPONENTS (PULLEYS AND BELTS)—CONTINUED

Table 15. Drive Components—Totally-Enclosed (TEFC) Motors—Continued											
Motor			Motor Pulley			Blower Pulley			Belt	Serial No. Code	
HP	Option AL/EL/SL	Voltage Option (Voltage)	Drive Option AM/EM/SM (Refer to Table 13)	PN	Model	Bore Size (Inches)	PN	Model	Bore Size (Inches)		PN (Quantity)
1.5	24	AK5 (208/3), AK6 (230/3), AK7 (460/3)	1, 2	13580	1VL34	5/8	111609	AK 99	1	201809 (3.8 feet)	KJ
							16154	AK 104	1-3/16		DK
			3, 4	7962	1VL40		111609	AK 99	1		LJ
							106255	AK 94	1-3/16		EK
			5, 6, 7	7962	1VL40		19111	AK 84	1		MJ
							111862	AK 84	1-3/16		FK
			8, 9, 10, 11, 12	7962	1VL40		18797	AK 64	1		NJ
							208608	AK 64	1-3/16		GK
			13, 14, 15, 16, 17	7962	1VL40		135200	AK 51	1		OJ
				105476	1VL44		208610	AK 56	1-3/16		HK
			18, 19, 20, 21, 22, 23, 24, 25	105476	1VL44		206125	AK 44	1		WJ
							194295	AK 44H	1-3/16		IK
			26, 27, 28, 29	105476	1VL44		135201	AK 39	1		ZJ
				7962	1VL40		194296	AK 32 H	1-3/16		JK
1.5	24	AK8 (575/3)	1, 2	110125	1VP34	7/8	111609	AK 99	1	201809 (3.8 feet)	PJ
							16154	AK 104	1-3/16		KK
			3, 4	106748	1VL40		111609	AK 99	1		QJ
							106255	AK 94	1-3/16		LK
			5, 6, 7	106748	1VL40		19111	AK 84	1		RJ
							111862	AK 84	1-3/16		MK
			8, 9, 10, 11, 12	106748	1VL40		18797	AK 64	1		SJ
							208608	AK 64	1-3/16		NK
			13, 14, 15, 16, 17	106748	1VL40		135200	AK 51	1		OK
				106758	1VL44		208610	AK 56	1-3/16		PK
			18, 19, 20, 21, 22, 23, 24, 25	106758	1VL44		206125	AK44	1		XJ
							194295	AK 44H	1-3/16		QK
			26, 27, 28, 29	106758	1VL44		135201	AK39	1		YJ
				106748	1VL40		194296	AK 32 H	1-3/16		RK
2	25	AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	1, 2	110125	1VP34	7/8	111609	AK 99	1	201809 (3.8 feet)	PJ
							16154	AK 104	1-3/16		KK
			3, 4	106748	1VL40		111609	AK 99	1		QJ
							106255	AK 94	1-3/16		LK
			5, 6, 7	106748	1VL40		19111	AK 84	1		RJ
							111862	AK 84	1-3/16		MK
			8, 9, 10, 11, 12	106748	1VL40		18797	AK 64	1		SJ
							208608	AK 64	1-3/16		NK
			13, 14, 15, 16, 17	106748	1VL40		135200	AK 51	1		OK
				106758	1VL44		208610	AK 56	1-3/16		PK
			18, 19, 20, 21, 22, 23, 24, 25	106758	1VL44		206125	AK44	1		XJ
							194295	AK 44H	1-3/16		QK
			26, 27, 28, 29	106758	1VL44		135201	AK39	1		YJ
				106748	1VL40		194296	AK 32 H	1-3/16		RK
3	26	AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	9, 10, 11, 12	106748	1VL40	7/8	101414	BK130	1	202655 (3.8 feet)	UJ
							208755	BK130H	1-3/16		SK
			13, 14, 15, 16, 17	106748	1VL40		202654	BK105	1		VJ
							208756	BK105H	1-3/16	RK	
			18, 19, 20, 21, 22	37451	1VM50		16153	AK104	1	201809 (3.8 feet)	YL
							16154	AK104	1-3/16		OM
			23, 24, 25, 26, 27, 28, 29	37451	1VM50		19111	AK84	1	201809 (3.8 feet)	PM
							111862	AK84	1-3/16		QM
			30, 31, 32, 33, 34, 35, 36	37451	1VM50		105483	AK69	1	201809 (3.8 feet)	RM
							105484	AK71H	1-3/16		SM
5	27	AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	9, 10, 11, 12	7963	2VP42	1-1/8	30621	2AK124	1	201809 (3.8 feet)	UM
							223401	2AK124	1-3/16		VM
			13, 14, 15, 16, 17	111681	1VP50		202652	AK124	1		YM
							16156	AK124	1-3/16		WM
			18, 19, 20, 21, 22	161444	1VP56		202652	AK124	1		YL
							16156	AK124	1-3/16		OM
			23, 24, 25, 26, 27, 28, 29	111681	1VP50		19111	AK84	1		PM
							111862	AK84	1-3/16		QM
			30, 31, 32, 33, 34, 35, 36	111681	1VP50		105483	AK69	1		RM
							105484	AK71H	1-3/16		SM

Table 15. Drive Components—Totally-Enclosed (TEFC) Motors—Continued

Motor		Motor Pulley			Blower Pulley			Belt	Serial No. Code		
HP	Option AL/EL/SL	Voltage Option (Voltage)	Drive Option AM/EM/SM (Refer to Table 13)	PN	Model	Bore Size (Inches)	PN	Model		Bore Size (Inches)	PN (Quantity)
7.5, 10	32, 33 cabinet C only <i>before</i> JUL 2012	AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	13, 14, 15, 16	164294	1VP71	1-3/8	208756	BK105H	1-3/16	92242 (BX70)*	XK
			17, 18, 19, 20	164294	1VP71		162836	BK90H	1-3/16	92240 (BX66)*	YK
			21, 22, 23, 24	164294	1VP71		112026	BK75H	1-3/16	114258 (BX64)*	ZK
			25, 26, 27, 28	164294	1VP71		208791	BK70H	1-3/16	92278 (BX63)*	AL
	32, 33 cabinet C only <i>after</i> JUN 2012		13, 14, 15, 16	164294	1VP71		208756	BK105H	1-7/16	92242 (BX70)*	AT
			17, 18, 19, 20	164294	1VP71		162836	BK90H	1-7/16	92240 (BX66)*	AU
			21, 22, 23, 24	164294	1VP71		112026	BK75H	1-7/16	114258 (BX64)*	AV
			25, 26, 27, 28	164294	1VP71		208791	BK70H	1-7/16	92278 (BX63)*	AX
			13, 14, 15, 16	164294	1VP71		208756	BK105H	1-7/16	223420 (BX88)*	DM
			17, 18, 19, 20	164294	1VP71		162836	BK90H	1-7/16	223419 (BX86)*	EM
			21, 22, 23, 24	164294	1VP71		112026	BK75H	1-7/16	92333 (BX83)*	FM
			25, 26, 27, 28	164294	1VP71		208791	BK70H	1-7/16	92333 (BX83)*	GM
15, 20	34, 35 cabinet D only 32" CL	14, 15, 16, 17	113809	2VP71	1-5/8	89649	2BK100H	1-7/16	223420 (2) (BX88)*	HM	
		18, 19, 20	113809	2VP71		113804	2BK90H	1-7/16	223419 (2) (BX86)*	IM	
		21, 22, 23, 24, 25	113808	2VP75		89648	2BK80H	1-7/16	92317 (2) (BX85)*	LM	
		26, 27, 28, 29, 30	113808	2VP75		110810	2BK70H	1-7/16	92333 (2) (BX83)*	JM	

*BX code designates belt model (BX) plus size.

Table 16. Drive Components—Energy-Efficient (EE) Premium Motors

Motor		Motor Pulley			Blower Pulley			Belt	Serial No. Code			
HP	Option AL/EL/SL	Voltage Option (Voltage)	Drive Option AM (Refer to Table 13)	PN	Model	Bore Size (Inches)	PN	Model		Bore Size (Inches)	PN (Quantity)	
1, 1.5, 2	36, 37, 38	AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	1, 2	110125	1VP34	7/8	111609	AK 99	1	201809 (3.8 feet)	PJ	
			3, 4	106748	1VL40		16154	AK 104	1-3/16		KK	
			5, 6, 7	106748	1VL40		106255	AK 94	1-3/16		QJ	
							19111	AK 84	1		LK	
			8, 9, 10, 11, 12	106748	1VL40		111862	AK 84	1-3/16		RJ	
							18797	AK 64	1		MK	
			13, 14, 15, 16, 17	106748	1VL40		208608	AK 64	1-3/16		SJ	
							135200	AK 51	1		NK	
			18, 19, 20, 21, 22, 23, 24, 25	106758	1VL44		208610	AK 56	1-3/16		OK	
							206125	AK44	1		PK	
			26, 27, 28, 29	106758	1VL44		194295	AK 44H	1-3/16		XJ	
							135201	AK39	1		QK	
	106748	1VL40	194296	AK 32 H	1-3/16	YJ						
						RK						
3	39	AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	9, 10, 11, 12	106748	1VL40	7/8	101414	BK130	1	202655	UJ	
			13, 14, 15, 16, 17	106748	1VL40		208755	BK130H	1-3/16		SK	
			18, 19, 20, 21, 22	37451	1VM50		202654	BK105	1	202655	VJ	
							208756	BK105H	1-3/16		RK	
			23, 24, 25, 26, 27, 28, 29	37451	1VM50		16153	AK104	1	201809 (3.8 feet)	AK	
							16154	AK104	1-3/16		UK	
			30, 31, 32, 33, 34, 35, 36	37451	1VM50		19111	AK84	1	201809 (3.8 feet)	BK	
							111862	AK84	1-3/16		VK	
			105483	AK69	1	201809 (3.8 feet)	CK					
			105484	AK71H	1-3/16		WK					
5	40	AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	9, 10, 11, 12	7963	2VP42	1-1/8	30621	2AK124	1	201809 (3.8 feet)	UM	
			13, 14, 15, 16, 17	111681	1VP50		223401	2AK124	1-3/16		VM	
			18, 19, 20, 21, 22	161444	1VP56		202652	AK124	1		201809 (3.8 feet)	YM
							16156	AK124	1-3/16			WM
			23, 24, 25, 26, 27, 28, 29	111681	1VP50		202652	AK124	1		201809 (3.8 feet)	YL
							16156	AK124	1-3/16			OM
			30, 31, 32, 33, 34, 35, 36	111681	1VP50		19111	AK84	1		201809 (3.8 feet)	PM
							111862	AK84	1-3/16			QM
			105483	AK69	1	201809 (3.8 feet)	RM					
			105484	AK71H	1-3/16		SM					

DRIVE COMPONENTS (PULLEYS AND BELTS)—CONTINUED

Table 16. Drive Components—Energy-Efficient (EE) Premium Motors												
Motor				Motor Pulley			Blower Pulley			Belt	Serial No. Code	
HP	Option AL/EL/SL	Voltage Option (Voltage)	Drive Option AM (Refer to Table 13)	PN	Model	Bore Size (Inches)	PN	Model	Bore Size (Inches)	PN (Quantity)		
7.5, 10	41, 42 cabinet C only <i>before</i> JUL 2012	AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	13, 14, 15, 16	164294	1VP71	1-3/8	208756	BK105H	1-3/16	92242 (BX70)*	XK	
			17, 18, 19, 20	164294	1VP71		162836	BK90H	1-3/16	92240 (BX66)*	YK	
			21, 22, 23, 24	164294	1VP71		112026	BK75H	1-3/16	114258 (BX64)*	ZK	
			25, 26, 27, 28	164294	1VP71		208791	BK70H	1-3/16	92278 (BX63)*	AL	
	13, 14, 15, 16		164294	1VP71	208756		BK105H	1-7/16	92242 (BX70)*	AT		
	17, 18, 19, 20		164294	1VP71	162836		BK90H	1-7/16	92240 (BX66)*	AU		
	21, 22, 23, 24		164294	1VP71	112026		BK75H	1-7/16	114258 (BX64)*	AV		
	25, 26, 27, 28		164294	1VP71	208791		BK70H	1-7/16	92278 (BX63)*	AX		
	13, 14, 15, 16		164294	1VP71	208756		BK105H	1-7/16	223420 (BX88)*	DM		
	17, 18, 19, 20		164294	1VP71	162836		BK90H	1-7/16	223419 (BX86)*	EM		
	21, 22, 23, 24		164294	1VP71	112026		BK75H	1-7/16	92333 (BX83)*	FM		
	25, 26, 27, 28		164294	1VP71	208791		BK70H	1-7/16	92333 (BX83)*	GM		
	15, 20	43, 44 cabinet D only 32" CL	AK5 (208/3), AK6 (230/3), AK7 (460/3), AK8 (575/3)	14, 15, 16, 17	113809	2VP71	1-5/8	89649	2BK100H	1-7/16	223420 (2) (BX88)*	HM
				18, 19, 20	113809	2VP71		113804	2BK90H	1-7/16	223419 (2) (BX86)*	IM
				21, 22, 23, 24, 25	113808	2VP75		89648	2BK80H	1-7/16	92317 (2) (BX85)*	LM
				26, 27, 28, 29, 30	113808	2VP75		110810	2BK70H	1-7/16	92333 (2) (BX83)*	JM

*BX code designates belt model (BX) plus size.

MOTOR-MOUNTING, BLOWER, AND PLENUM FAN COMPONENTS

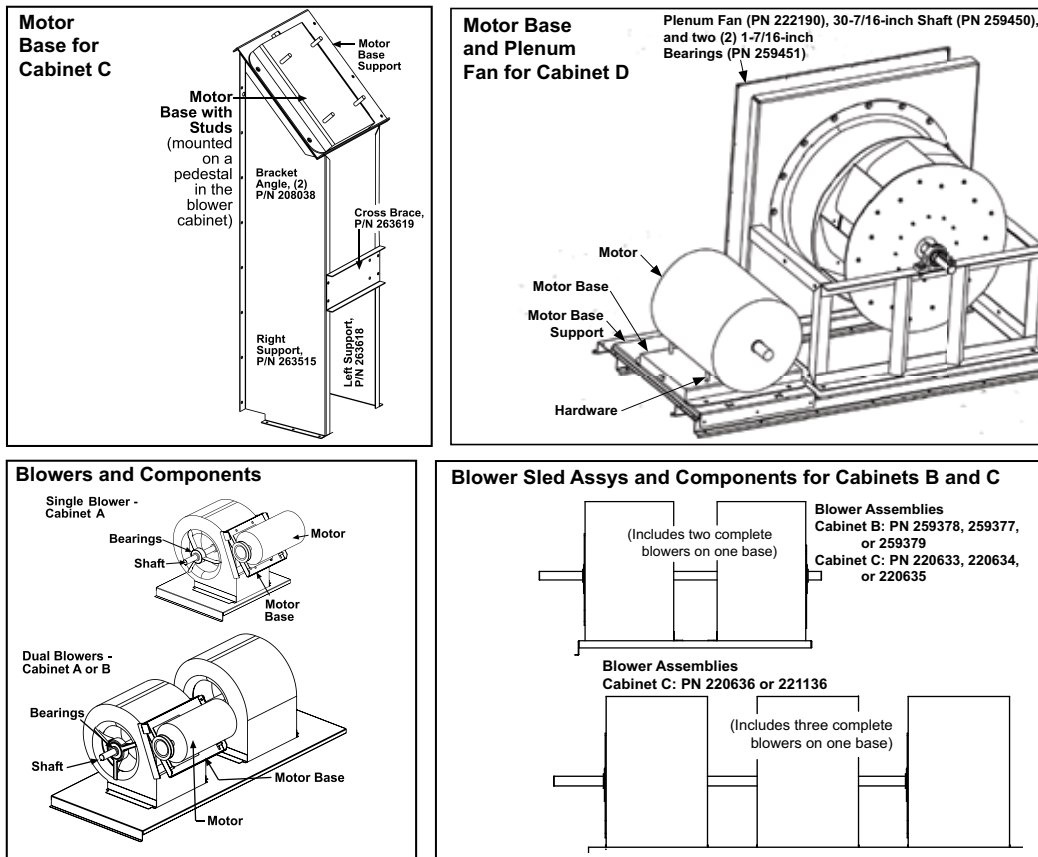


Figure 10. Motor-Mounting, Blower, and Plenum Fan Components
(Refer to Table 17, Table 18, Table 19, and Table 20)

MOTOR-MOUNTING COMPONENTS

NOTE: The base assembly is either mounted directly on the blower or on a pedestal beside the blower.

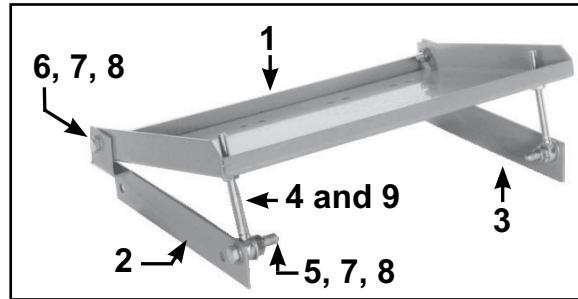


Figure 11. Motor Base Assembly for Cabinets A and B (Refer to Table 17)

Item No.	Component	PN	Quantity
1	Motor base, mounted on 7-inch blower, cabinet A	209153	1
	Motor base, mounted on 9-inch blower, cabinet A or B	209154	1
	Motor base, mounted on pedestal, cabinet A or B	209154	1
2	Side, left	12576	1
3	Side, right	209155	1
Hardware			
4	Rod, bolt	12489	2
5	Bolt	16248	2
6	Bolt	16247	2
7	Nut	6554	6
8	Washer	1087	6
9	Insert, threaded	124260	4

Motor Frame Size	Motor Base		Motor Base Plate	
	C or D	Cabinet		
		C	D	
PN				
48	213587	—	—	221315
56	208380	208742	—	221316
56H		—	—	
143T	208381	208742	—	221316
145T	208382	208742	—	
182	208383	—	—	
184	208384	—	—	221315
182T	208383	208742	—	
184T	208384	208742	—	221316
213	208385	—	—	
215	208386	—	—	221315
213T	208385	220928	—	
215T	208386	—	—	221316
254U	221137	—	—	
256U	222429	—	—	221316
254T	221137	220928	—	
256T	222429	—	—	221315
284U	Special	—	—	
286U		—	—	
284T		—	—	
286T		—	—	
284TS		—	—	
286TS		—	—	
286TS		—	—	
Motor Base Hardware	Size (Inches)			
	1/4	1/2	3/8	
	PN (Quantity)			
Capscrew	16246 (4)	45548 (4)	32253 (4)	
Washer, flat	176531 (4)	134475 (4)	22761 (4)	
Lockwasher	96854 (4)	45549 (4)	5197 (4)	
Nut, hex	7328 (4)	45550 (4)	1438 (4)	

MOTOR-MOUNTING, BLOWER, AND PLENUM FAN COMPONENTS—CONTINUED

BLOWER COMPONENTS—CABINETS A, B, AND C

Blower application is determined as follows (refer to [Table 19](#)):

- **Model RCB (cooling only models):** by cabinet size and model
- **Model RDB (cooling and reheat models):** by cabinet and model
- **Models RCDB and RDDB:** by gas heat section size
- **Models RECB and REDB:** by cabinet size and electric heat module size

Cabinet	A					B			C								
Unit Size	060	078	090	118	136	160	186	200	190	216	298	410					
Model	Blower Assembly PN*																
RCB (cooling only)	205528					259377 (replaces 221485)			220633		220635						
Cabinet	A					B			C								
Unit Size	102	114	142	162	184	210	222	224	236	248	262	272	288	354	370	468	482
Model	Blower Assembly PN*																
RDB (cooling and reheat)	205528					259377 (replaces 221485)			220633				220635				
Cabinet	A				B			C									
Heat Section Size	100	150	200	250	300	400	500	600	700								
Model	Blower Assembly PN*																
RCDB and RDDB	205527	205528	205529	259378 (replaces 221484)	259377 (replaces 221485)	220633		220634	220635	220636**							
Cabinet	A				B			C									
Model	Blower Assembly PN*																
RECB and REDB (refer to Table 5)	205528					221486			220635								

*Quantity for replacement blower assembly is one (1). Refer to [Table 20](#) for assembly components.

**Or PN 221136 with 7.5- or 10-HP and option AM13, AM14, AM15, AM16, AM17, AM18, AM19, AM20, AM21, AM22, AM23, AM24, AM25, AM26, AM27, or AM28.

Blower Assembly PN	Support Bracket	Bearing	Shaft		Blower Key	
	PN (Quantity)*		PN	Dimensions (Inches)	PN	Dimensions (Inches)
205527	—	10437 (2)	216651	1 x 17-3/8	19361	3/16 x 1-3/8
205528			216652	1 x 14-3/4		
205529			209156	1 x 33-1/4		
221484		10437	10120	1 x 39-1/4		
221485						
221486						
259377						
259378						
259379						
220633						
220634	221125	1-3/16 x 48-1/2				
220635	222916	112973	221126	1-3/16 x 54		
220636						
221136**	222916 (3)	112973 (3)	—			

*Quantity is one (1) unless otherwise indicated.

**Shaft is not offered with blower assembly PN 221136, which has dimensions of 1-7/16 x 54 inches.

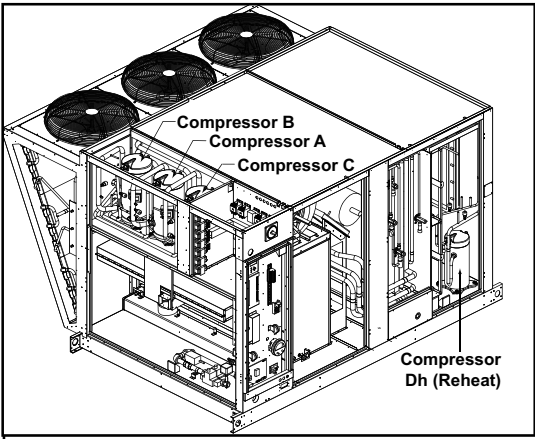
PLENUM FAN COMPONENTS—CABINET D

The plenum fan assembly (PN 222190) is used only on cabinet D units. Replacement plenum fan assemblies (see [Figure 10](#)) come with a 30-7/16-inch shaft (PN 259450) and two (2) 1-7/16-inch bearings (PN 259451).

COOLING AND DEHUMIDIFYING COMPONENTS

MAPS®III AND MAPS®IV CABINETS A, B, AND C

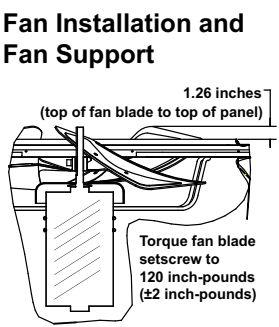
NOTE: The refrigerant for these units is R-410A.



Compressor B
Compressor A
Compressor C

Compressor Dh (Reheat)

Fan Installation and Fan Support



1.26 inches
(top of fan blade to top of panel)

Torque fan blade setscrew to 120 inch-pounds (±2 inch-pounds)

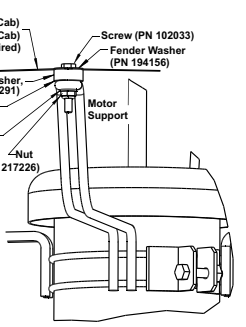
Condenser Top (D Cab)
Corner Support (A, B, or C Cab)
(PN 207760, 4 required)

Screw (PN 102033)
Fender Washer (PN 194156)

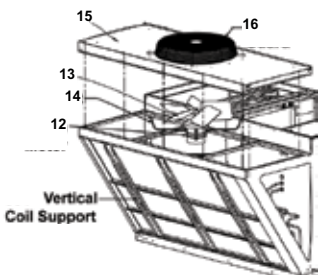
Rubber Washer, Isolator (PN 268291)
Fender Washer (PN 194156)
Flat Washer (PN 1087)
Nut (PN 217226)

Motor Support

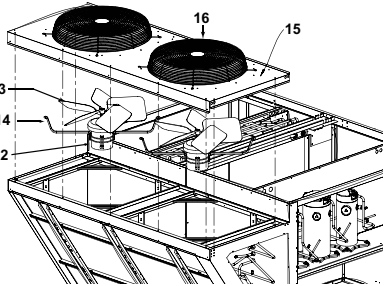
Cabinet C:
Vibration Isolation Hardware on Fan Support

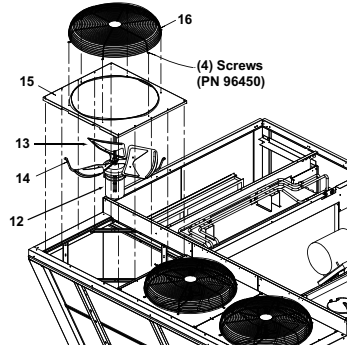


Condenser Fans (1, 2, or 3)





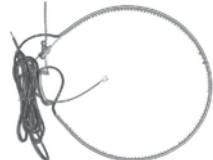








Vertical Coil Support





(4) Screws (PN 96450)

Item 1: Compressor	Item 2: Molded Plug and Cable or Wiring Harness for Compressor	Item 3: Thermostatic Expansion Valve	Item 4: Filter Drier	Item 5: Crankcase Heater
				
	Item 6: Compressor-Mounting Kit	Item 7: Froststat	Item 8: High Refrigerant Pressure Switch	Item 9: Low Refrigerant Pressure Switch
				
Item 10: Thermister	Item 11: Solenoid Coil Kit			
				

Cooling and Dehumidifying Components:
MAPS®III and MAPS®IV Cabinets A, B, and C
 (Refer to [Table 21](#), [Table 22](#), [Table 23](#), [Table 24](#), [Table 25](#), [Table 26](#), and [Table 27](#))

COOLING AND DEHUMIDIFYING COMPONENTS—CONTINUED

MAPS®III AND MAPS®IV CABINETS A, B, AND C—CONTINUED

Cooling Components

Table 21. Cabinets A, B, and C Cooling Components: Compressors (Item 1)						
Cabinet	Voltage/PH/Hz	Circuit	PN*			
MAPS®III Units						
A	Model (Unit Size)		RCB, RECB, RDCB (060)	RCB, RECB, RDCB (078)	RCB, RECB, RDCB (090)	
			RDB, REDB, RDDB (084)	RDB, REDB, RDDB (102)	RDB, REDB, RDDB (114)	
	208–240/3/60	A	235096	235008	235008	
	480/3/60		235098	235012	235012	
	575/3/60		235100	235016	235016	
	208–240/3/60	B	235095		235096	
	480/3/60		235097		235098	
	575/3/60		235099		235100	
	Model (Unit Size)		RCB, RECB, RDCB (118)	RCB, RECB, RDCB (136)		
			RDB, REDB, RDDB (142)	RDB, REDB, RDDB (162)		
	208–240/3/60	A	216689	235008		
	480/3/60		216690	235012		
	575/3/60		216691	235016		
	208–240/3/60	B	235096	235095		
	480/3/60		235098	235097		
	575/3/60		235100	235099		
	B	Model (Unit Size)		RDCB (078)	RDCB (090)	
				RDDB (102)	RDDB (114)	
208–240/3/60		A	235008	235008		
480/3/60			235012	235012		
575/3/60			235016	235016		
208–240/3/60		B	235095	235096		
480/3/60			235097	235098		
575/3/60			235099	235100		
Model (Unit Size)		RDCB (118)	RDCB (136)			
		RDDB (142)	RDDB (162)			
208–240/3/60		A	216689	235008		
480/3/60			216690	235012		
575/3/60			216691	235016		
208–240/3/60		B	235096	235095		
480/3/60			235098	235097		
575/3/60			235100	235099		
Model (Unit Size)		RCB, RECB, RDCB (160)	RCB, REB, RDCB (186)	RCB, REB, RDCB (200)		
		RDB, REDB, RDDB (184)	RDB, REDB, RDDB (210, 222)	RDB, REDB, RDDB (224, 236)		
208–240/3/60	A	216689	216686			
480/3/60		216690	216687			
575/3/60		216691	216688			
208–240/3/60	B	235008	235009			
480/3/60		235012	235013			
575/3/60		235016	235018			
208–240/3/60	C	235095	216686	235009		
480/3/60		235097	216687	235013		
575/3/60		235099	216688	235018		
C	Model (Unit Size)		RCB, RECB, RDCB (190)	RCB, RECB, RDCB (216)	RCB, RECB, RDCB (298)	
			RDB, REDB, RDDB (248, 262)	RDB, REDB, RDDB (272, 288)	RDB, REDB, RDDB (354, 370)	
	208–240/3/60	A	235008	235009	220260	
	480/3/60		235012	235013	220261	
	575/3/60		235016	235018	220262	
	208–240/3/60	B	235010	235011		
	480/3/60		235014	235015		
575/3/60	235019		235020			

*Quantity is one (1).

Table 21. Cabinets A, B, and C Cooling Components: Compressors (Item 1)—Continued

Cabinet	Voltage/PH/Hz	Circuit	PN*			
MAPS®III Units—Continued						
C (cont.)	Model (Unit Size)		RCB, RECB, RDCB (410)			
			RDB, REDB, RDDB (468, 482)			
	208–240/3/60	A	235010			
	480/3/60		235014			
	575/3/60		235019			
	208–240/3/60	B	235010			
	480/3/60		235014			
	575/3/60		235019			
	208–240/3/60	C	235010			
	480/3/60		235014			
575/3/60	235019					
MAPS®IV Units with Modulated-Capacity Scroll Compressors						
A	Model (Unit Size)		RCC, RECC, RDCC (060)	RCC, RECC, RDCC (090)	RCC, RECC, RDCC (120)	
			RDB, REDC, RDDC (084)	RDC, REDC, RDDC (114)	RDC, REDC, RDDC (144)	
	208–240/3/60	A	—		261235	
	480/3/60		—		261236	
	575/3/60		—		268532	
	208–240/3/60	B	1024141	—	1024141	
	480/3/60		1024142	261148	1024142	
575/3/60	1024143		261149	1024143		
B	Model (Unit Size)		RECC, RDCC (090)	RECC, RDCC (120)	RCC, RECC, RDCC (160)	
			RECC, RDDC (114)	REDC, RDDC (144)	RDC, REDC, RDDC (184, 196)	
	208–240/3/60	A	—		261235	
	480/3/60		—		261236	
	575/3/60		—		268532	
	208–240/3/60	B	261147	1024141	261147	
	480/3/60		261148	1024142	261148	
	575/3/60		261149	1024143	261149	
	Model (Unit Size)		RCC, REC, RDCC (200)			
			RDC, REDC, RDDC (236, 257)			
	208–240/3/60	A	216686			
	480/3/60		216687			
	575/3/60		216688			
	208–240/3/60	B	261147			
	480/3/60		261148			
	575/3/60		261149			
	208–240/3/60	C	216686			
480/3/60	216687					
575/3/60	216688					
C	Model (Unit Size)		RCC, RECC, RDCC (190)	RCC, RECC, RDCC (298)	RCC, RECC, RDCC (410)	
			RDC, REDC, RDDC (248, 262)	RDC, REDC, RDDC (354, 370)	RDC, REDC, RDDC (468, 482)	
	208–240/3/60	A	235008	220260	235010	
	480/3/60		235012	220261	235014	
	575/3/60		235016	220262	235019	
	208–240/3/60	B	261153	262656	261153	
	480/3/60		261154	262657	261154	
	575/3/60		261155	268533	261155	
	208–240/3/60	C	—		235010	
	480/3/60		—		235014	
575/3/60	—		235019			

*Quantity is one (1).

COOLING AND DEHUMIDIFYING COMPONENTS—CONTINUED

MAPS®III AND MAPS®IV CABINETS A, B, AND C—CONTINUED

Cooling Components—Continued

Table 22. Cabinets A, B, and C Cooling Components: Compression Parts					
Cabinet	Item No.	Part	Circuit	PN (Quantity)*	
MAPS®III Units					
A	Model (Unit Size)		RCB, RECB, RDCB (060)		
	Model (Unit Size)		RCB, RECB, RDCB (078, 136)		
	Model (Unit Size)		RDB, REDB, RDDB (084)		
	Model (Unit Size)		RDB, REDB, RDDB (102, 162)		
	2	Plug, molded		205630 (2)	
	3	Thermostatic expansion valve	A	220553	
			B	220554	
	4	Filter drier	A	177379	
			B	177378	
	Model (Unit Size)		RCB, RECB, RDCB (090)		
	Model (Unit Size)		RCB, RECB, RDCB (118)		
	Model (Unit Size)		RDB, REDB, RDDB (114)		
	Model (Unit Size)		RDB, REDB, RDDB (142)		
	2	Plug, molded		205630 (2)	
3	Thermostatic expansion valve	A	220554		
		B	220555		
4	Filter drier	A	177379		
		B	216408		
B	Model (Unit Size)		RDCB (078, 136)		
	Model (Unit Size)		RDCB (090)		
	Model (Unit Size)		RDDB (102, 162)		
	Model (Unit Size)		RDDB (114)		
	2	Plug, molded		205630 (2)	
	3	Thermostatic expansion valve	A	220554	
			B	220553	
	4	Filter drier	A	177379	
			B	177378	
	Model (Unit Size)		RDCB (118)		
	Model (Unit Size)		RCB, RECB, RDCB (160)		
	Model (Unit Size)		RDB, REDB, RDDB (184)		
	Model (Unit Size)		RDDB (142)		
	2	Plug, molded		205630 (2)	
3	Thermostatic expansion valve	A	205630 (3)		
		B	220555		
		C	220554		
4	Filter drier	A	220555		
		B	220554		
		C	220552		
Model (Unit Size)		RCB, REB, RDCB (186)			
Model (Unit Size)		RCB, REB, RDCB (200)			
Model (Unit Size)		RDB, REDB, RDDB (210, 222)			
Model (Unit Size)		RDB, REDB, RDDB (224, 236)			
2	Plug, molded		205630 (3)		
3	Thermostatic expansion valve	A	220554		
		B	220555		
		C	220554		
4	Filter drier	A	177379		
		B	216408		
		C	177379		
Model (Unit Size)		RCB, REB, RDCB (190)			
Model (Unit Size)		RCB, RECB, RDCB (216)			
Model (Unit Size)		RDB, REDB, RDDB (248, 262)			
Model (Unit Size)		RDB, REDB, RDDB (272, 288)			
2	Plug, molded		205630 (2)		
3	Thermostatic expansion valve	A	234987		
		B	220558		
		C	—		
4	Filter drier	A	177379		
		B	216410		
		C	—		
Model (Unit Size)		RCB, RECB, RDCB (298)			
Model (Unit Size)		RCB, RECB, RDCB (410)			
Model (Unit Size)		RDB, REDB, RDDB (354, 370)			
Model (Unit Size)		RDB, REDB, RDDB (468, 482)			
2	Plug, molded		205630 (2)		
3	Thermostatic expansion valve		205630 (3)		
4	Filter drier	A, B, C	220558		
		A, B, C	216410		

*Quantity is one (1) unless otherwise indicated.

Table 22. Cabinets A, B, and C Cooling Components: Compression Parts—Continued

Cabinet	Item No.	Part	Circuit	PN (Quantity)*		
MAPS®IV Units with Modulated-Capacity Scroll Compressors						
A	Model (Unit Size)			RCC, RECC, RDCC (060)	RCC, RECC, RDCC (090)	
				RDB, REDC, RDDC (084)	RDC, REDC, RDDC (114)	
	2	Plug, molded		205630		
	3	Thermostatic expansion valve		220554	220555	
	4	Filter drier		216408		
	10	Thermister**		266069		
	11	Solenoid coil kit (24V coil)**		266071		
	Model (Unit Size)			RCC, RECC, RDCC (120)		
				RDC, REDC, RDDC (144)		
	2	Plug, molded		205630 (2)		
	3	Thermostatic expansion valve	A, B	220554 (2)		
4	Filter drier		216408 (2)			
10	Thermister**		266068			
11	Solenoid coil kit (24V coil)**		266071			
B	Model (Unit Size)			RECC, RDCC (090)	RECC, RDCC (120)	
				RECC, RDDC (114)	REDC, RDDC (144)	
	2	Plug, molded	—	205630	—	
			A, B	—	205630 (2)	
	3	Thermostatic expansion valve	A	220555	220554	
			B	—	220554	
	4	Filter drier	A	216408		
			B	—	216408	
	10	Thermister**		266069		
	11	Solenoid coil kit (24V coil)**		266071		
	Model (Unit Size)			RCC, RECC, RDCC (160)	RCC, REC, RDCC (200)	
				RDC, REDC, RDDC (184, 196)	RDC, REDC, RDDC (236, 257)	
	2	Plug, molded		205630		
	3	Thermostatic expansion valve	A	220555	220554	
			B	220555	220556	
			C	—	220554	
	4	Filter drier	A	216408	177379	
		B	216408			
		C	—	177379		
10	Thermister**		266069			
11	Solenoid coil kit (24V coil)**		266071			
C	Model (Unit Size)			RCC, RECC, RDCC (190)	RCC, RECC, RDCC (298)	
				RDC, REDC, RDDC (248, 262)	RDC, REDC, RDDC (354, 370)	
	2	Plug, molded	A	205744	—	
			A	—	208374	
		Wire harness, 102-inch	B	208374		
			C	—	208374	
	3	Thermostatic expansion valve	A	234987	261175	
			B	261175		
			C	—	261175	
	4	Filter drier	A	177379	216410	
			B	216410		
			C	—	216410	
	10	Thermister**		266068	266069	
	11	Solenoid coil kit (24V coil)**		266070	266071	
	Model (Unit Size)			RCC, RECC, RDCC (410)		
				RDC, REDC, RDDC (468, 482)		
	2	Wire harness, 102-inch		208374		
3	Thermostatic expansion valve	A, B, C	261175			
4	Filter drier		216410			
10	Thermister**		266068			
11	Solenoid coil kit (24V coil)**		266070			

*Quantity is one (1) unless otherwise indicated.

**Used with digital controller (PN 266067, refer to [Table 6](#)).

COOLING AND DEHUMIDIFYING COMPONENTS—CONTINUED

MAPS®III AND MAPS®IV CABINETS A, B, AND C—CONTINUED

Cooling Components—Continued

Table 23. Cabinets A, B, and C Cooling Components: Crankcase Heaters (Item 5)						
Cabinet	Voltage/PH/Hz	Circuit	PN (Quantity)*			
MAPS®III Units						
A	Model (Unit Size)		RCB, RECB, RDCB (060, 078, 090)	RCB, RECB, RDCB (118)	RCB, RECB, RDCB (136)	
			RDB, REDB, RDDB (084, 102, 114)	RDB, REDB, RDDB (142)	RDB, REDB, RDDB (162)	
	208–240/3/60	A	216394	216398	216394	
	480/3/60		216396	216400	216396	
	575/3/60		216397	216401	216397	
	208–240/3/60	B	216434	216394	216434	
	480/3/60		216436	216396	216436	
	575/3/60		216437	216397	216437	
	B	Model (Unit Size)		RDCB (078, 090)	RDCB (118)	RDCB (136)
		Rddb (102, 114)	Rddb (142)	Rddb (162)		
208–240/3/60		A	216394	216398	216394	
480/3/60			216396	216400	216396	
575/3/60			216397	216401	216397	
208–240/3/60		B	216434	216394	216434	
480/3/60			216436	216396	216436	
575/3/60			216437	216397	216437	
Model (Unit Size)		RCB, RECB, RDCB (160)	RCB, REB, RDCB (186, 200)			
		RDB, REDB, RDDB (184)	RDB, REDB, RDDB (210, 222, 224, 236)			
208–240/3/60		A	216398			
480/3/60			216400			
575/3/60			216401			
208–240/3/60		B	216394	216398		
480/3/60			216396	216400		
575/3/60			216397	216401		
208–240/3/60		C	216394	216398		
480/3/60			216396	216400		
575/3/60			216397	216401		
C		Model (Unit Size)		RCB, RECB, RDCB (190)	RCB, RECB, RDCB (216)	
				RDB, REDB, RDDB (248, 262)	RDB, REDB, RDDB (272, 288)	
	208–240/3/60	A	216394	216398		
	480/3/60		216396	216400		
	575/3/60		216397	216401		
	208–240/3/60	B	216402	216398		
	480/3/60		216404	216400		
	575/3/60		216405	216401		
	208–240/3/60	C	—	216398		
	480/3/60		—	216400		
	575/3/60		—	216401		
	Model (Unit Size)		RCB, RECB, RDCB (298)	RCB, RECB, RDCB (410)		
			RDB, REDB, RDDB (354, 370)	RDB, REDB, RDDB (468, 482)		
	208–240/3/60	A	216398	216402		
	480/3/60		216400	216404		
	575/3/60		216401	216405		
	208–240/3/60	B	216398	216402		
	480/3/60		216400	216404		
	575/3/60		216401	216405		
	208–240/3/60	C	216402	216402		
	480/3/60		216404	216404		
575/3/60	216405		216405			

*Quantity is one (1) unless otherwise indicated.

Table 23. Cabinets A, B, and C Cooling Components: Crankcase Heaters (Item 5)—Cont.

Cabinet	Voltage/PH/Hz	Circuit	PN (Quantity)*			
MAPS®IV Units with Modulated-Capacity Scroll Compressors						
A	Model (Unit Size)		RCC, RECC, RDCC (060) RDB, REDC, RDDC (084)	RCC, RECC, RDCC (090) RDC, REDC, RDDC (114)	RCC, RECC, RDCC (120) RDC, REDC, RDDC (144)	
	208–240/3/60	A	216398			
	480/3/60		216400			
	575/3/60		216401			
	208–240/3/60	B	—		216398	
	480/3/60		—		216400	
	575/3/60		—		216401	
B	Model (Unit Size)		RECC, RDCC (090) RECC, RDDC (114)	RECC, RDCC (120) REDC, RDDC (144)		
	208–240/3/60	A	216398			
	480/3/60		216400			
	575/3/60		216401			
	208–240/3/60	B	—		216398	
	480/3/60		—		216400	
	575/3/60		—		216401	
	Model (Unit Size)		RCC, RECC, RDCC (160) RDC, REDC, RDDC (184, 196)	RCC, REC, RDCC (200) RDC, REDC, RDDC (236, 257)		
	208–240/3/60	A	216398			
	480/3/60		216400			
	575/3/60		216401			
	208–240/3/60	B	216398			
	480/3/60		216400			
	575/3/60		216401			
	208–240/3/60	C	—		216398	
	480/3/60		—		216400	
	575/3/60		—		216401	
C	Model (Unit Size)		RCC, RECC, RDCC (190) RDC, REDC, RDDC (248, 262)	RCC, RECC, RDCC (298) RDC, REDC, RDDC (354, 370)	RCC, RECC, RDCC (410) RDC, REDC, RDDC (468, 482)	
	208–240/3/60	A	216394	216402		
	480/3/60		216396	216404		
	575/3/60		216397	216405		
	208–240/3/60	B	216402	216402		
	480/3/60		216404	216404		
	575/3/60		216405	216405		
	208–240/3/60	A, B	—		216398 (2)	
	480/3/60		—		216400 (2)	
	575/3/60		—		216401 (2)	
	208–240/3/60	C	—		216402	
	480/3/60		—		216404	
	575/3/60		—		216405	

*Quantity is one (1) unless otherwise indicated.

Table 24. Cabinets A, B, and C Cooling Components: Cooling Coils

Cabinet	Item No.	Part	Circuit	PN (Quantity)*		
MAPS®III Units						
A	Model (Unit Size)		RCB, RECB, RDCB (060) RDB, REDB, RDDB (084)	RCB, RECB, RDCB (078) RDB, REDB, RDDB (102)		
	120	Evaporator coil	259176			
	121	Condenser coil	A	254981	254982	
			B	256750		
	Model (Unit Size)		RCB, RECB, RDCB (090) RDB, REDB, RDDB (114)	RCB, RECB, RDCB (118) RDB, REDB, RDDB (142)		
	120	Evaporator coil	235104		235105	
	121	Condenser coil	A	254982	254984	
			B	254981		

*Quantity is one (1) unless otherwise indicated. Coils not shown in .

COOLING AND DEHUMIDIFYING COMPONENTS—CONTINUED

MAPS®III AND MAPS®IV CABINETS A, B, AND C—CONTINUED

Cooling Components—Continued

Table 24. Cabinets A, B, and C Cooling Components: Cooling Coils—Continued					
Cabinet	Item No.	Part	Circuit	PN (Quantity)*	
MAPS®III Units—Continued					
A (cont.)	Model (Unit Size)		RCB, RECB, RDCB (136)		
	Model (Unit Size)		RDB, REDB, RDDB (162)		
	17	Evaporator coil	235104		
	18	Condenser coil	A	254984	
B			254982		
B	Model (Unit Size)		RDCB (078)	RDCB (090)	
	Model (Unit Size)		RDDB (102)	RDDB (114)	
	17	Evaporator coil	259176	235104	
	18	Condenser coil	A	254982	
			B	256750	
	Model (Unit Size)		RDCB (118)	RDCB (136)	
	Model (Unit Size)		RDDB (142)	RDDB (162)	
	17	Evaporator coil	235105	235104	
	18	Condenser coil	A	254984	
			B	254981	
	Model (Unit Size)		RCB, RECB, RDCB (160)	RCB, REB, RDCB (186)	
	Model (Unit Size)		RDB, REDB, RDDB (184)	RDB, REDB, RDDB (210, 222)	
	17	Evaporator coil	A, B	235106	
			C	235107	
	18	Condenser coil	A	254984	
			B	254982	
			C	254980	
	Model (Unit Size)		RCB, REB, RDCB (200)		
	Model (Unit Size)		RDB, REDB, RDDB (224, 236)		
	17	Evaporator coil	A, B	235109	
C			235109		
18	Condenser coil	A	254982		
		B	257322		
		C	254983		
C	Model (Unit Size)		RCB, RECB, RDCB (190)	RCB, RECB, RDCB (216)	
	Model (Unit Size)		RDB, REDB, RDDB (248, 262)	RDB, REDB, RDDB (272, 288)	
	17	Evaporator coil	235000	235000	
	18	Condenser coil	A	235007	
			B	235005	
			A, B	—	
			C	235007	
	Model (Unit Size)		RCB, RECB, RDCB (298)	RCB, RECB, RDCB (410)	
	Model (Unit Size)		RDB, REDB, RDDB (354, 370)	RDB, REDB, RDDB (468, 482)	
	17	Evaporator coil	235001	235002	
18	Condenser coil	A	—		
		B	—		
		A, B	235005		
		C	235005		
MAPS®IV Units with Modulated-Capacity Scroll Compressors					
A	Model (Unit Size)		RCC, RECC, RDCC (060)	RCC, RECC, RDCC (090)	
	Model (Unit Size)		RDB, REDC, RDDC (084)	RDC, REDC, RDDC (114)	
	17	Evaporator coil	261159	261160	
	18	Condenser coil	261164	261165	
	Model (Unit Size)		RCC, RECC, RDCC (120)		
	Model (Unit Size)		RDC, REDC, RDDC (144)		
	17	Evaporator coil	261161		
18	Condenser coil	A, B	261166 (2)		

*Quantity is one (1) unless otherwise indicated. Coils not shown in .

Table 24. Cabinets A, B, and C Cooling Components: Cooling Coils—Continued

Cabinet	Item No.	Part	Circuit	PN (Quantity)*	
MAPS®IV Units with Modulated-Capacity Scroll Compressors—Continued					
B	Model (Unit Size)			RECC, RDCC (090)	RECC, RDCC (120)
	Model (Unit Size)			RECC, RDCC (114)	REDC, RDCC (144)
	17	Evaporator coil	A	261160	261161
	18	Condenser coil	A	261165	—
			A, B	—	261166
	Model (Unit Size)			RCC, RECC, RDCC (160)	RCC, REC, RDCC (200)
	Model (Unit Size)			RDC, REDC, RDDC (184, 196)	RDC, REDC, RDDC (236, 257)
	17	Evaporator coil	A, B	261162	261163
			C	—	261163
	18	Condenser coil	A	261167	254982
B			261167	257322	
C			—	254983	
C	Model (Unit Size)			RCC, RECC, RDCC (190)	RCC, RECC, RDCC (298)
	Model (Unit Size)			RDC, REDC, RDDC (248, 262)	RDC, REDC, RDDC (354, 370)
	17	Evaporator coil		235000	235001
	18	Condenser coil	A	261176	—
			B	235005	—
			A, B	—	235005
			C	—	235005
	Model (Unit Size)			RCC, RECC, RDCC (410)	
	Model (Unit Size)			RDC, REDC, RDDC (468, 482)	
	17	Evaporator coil		235002	
18	Condenser coil	A	235006		
		B	235006		
		C	235006		

*Quantity is one (1) unless otherwise indicated. Coils not shown in .

Table 25. Cabinets A, B, and C Cooling Components: Condenser Fan Motors (Item 12)

Cabinet	Voltage/PH/Hz	PN (Quantity)*			
MAPS®III Units					
A	Model (Unit Size)	RCB, RECB, RDCB (060, 078, 090, 118, 136)			
	Model (Unit Size)	RDB, REDB, RDDB (084, 102, 114, 142, 162)			
	208–240/3/60	205628			
	480/3/60	1012078			
B	Model (Unit Size)	RDCB (078, 090)	RDCB (118, 136)	RCB, RECB, RDCB (160)	RCB, REB, RDCB (186, 200)
	Model (Unit Size)	Rddb (102, 114)	Rddb (142, 162)	RDB, REDB, RDDB (184)	RDB, REDB, RDDB (210, 222, 224, 236)
	208–240/3/60	205628	205628 (2)		
	480/3/60	1012078	1012078 (2)		
C	Model (Unit Size)	RCB, RECB, RDCB (190, 216, 298, 410)			
	Model (Unit Size)	RDB, REDB, RDDB (248, 262, 272, 288, 354, 370, 468, 482)			
	208–240/3/60	208974 (3)**			
	480/3/60	208975 (3)**			
A	Model (Unit Size)	RCC, RECC, RDCC (060)		RCC, RECC, RDCC (090, 120)	
	Model (Unit Size)	RDB, REDC, RDDC (084)		RDC, REDC, RDDC (114, 144)	
	208–240/3/60	205628		205628	
	480/3/60	1012078		1012078	
B	Model (Unit Size)	RECC, RDCC (090)	RECC, RDCC (120)	RCC, RECC, RDCC (160)	RCC, REC, RDCC (200)
	Model (Unit Size)	RECC, RDCC (114)	REDC, RDDC (144)	RDC, REDC, RDDC (184, 196)	RDC, REDC, RDDC (236, 257)
	208–240/3/60	205628			
	480/3/60	1012078			

*Quantity is one (1) unless otherwise indicated.

**One-horsepower motor. All others listed are 3/4-HP.

COOLING AND DEHUMIDIFYING COMPONENTS—CONTINUED

MAPS®III AND MAPS®IV CABINETS A, B, AND C—CONTINUED

Cooling Components—Continued

Table 25. Cabinets A, B, and C Cooling Components: Condenser Fan Motors (Item 12)—Cont.		
Cabinet	Voltage/PH/Hz	PN (Quantity)*
MAPS®IV Units with Modulated-Capacity Scroll Compressors—Continued		
C	Model (Unit Size)	RCC, RECC, RDCC (190, 298, 410)
		RDC, REDC, RDDC (248, 262, 354, 370, 468, 482)
	208-240	208974 (3)**
	480	
	575	208975 (3)**
*Quantity is one (1) unless otherwise indicated.		
**One-horsepower motor. All others listed are 3/4-HP.		

Table 26. Cabinets A, B, and C Cooling Components: Condenser Fan System Parts					
Cabinet	Item No.	Part	PN (Quantity)*		
MAPS®III Units					
A	Model (Unit Size)		RCB, RECB, RDCB (060, 078, 090)	RCB, RECB, RDCB (118, 136)	
			RDB, REDB, RDDB (084, 102, 114)	RDB, REDB, RDDB (142, 162)	
	13	Fan blade	177223	177223 (2)	
	14	Fan/motor support	157107	157107 (2)	
	15	Condenser top	261870**	261869**	
	16	Fan guard	177160	177160 (2)	
B	Model (Unit Size)		RDCB (078, 090)	RDCB (118, 136)	
			Rddb (102, 114)	Rddb (142, 162)	
	13	Fan blade	177223	177223 (2)	
	14	Fan/motor support	157107	157107 (2)	
	15	Condenser top	261870**	261869**	
	16	Fan guard	177160	177160 (2)	
		Model (Unit Size)		RCB, RECB, RDCB (160)	RCB, REB, RDCB (186)
				RDB, REDB, RDDB (184)	RDB, REDB, RDDB (210, 222)
					RCB, REB, RDCB (200)
					RDB, REDB, RDDB (224, 236)
	13	Fan blade	177223 (2)		
	14	Fan/motor support	157107 (2)		
	15	Condenser top	261869**	256166	
	16	Fan guard	177160 (2)		
C	Model (Unit Size)		RCB, RECB, RDCB (190, 216, 298, 410)		
			RDB, REDB, RDDB (248, 262, 272, 288, 354, 370, 468, 482)		
	13	Fan blade	222465 (3)		
	14	Fan/motor support	157107 (3)		
	15	Condenser top	255116 (3)		
	16	Fan guard	255436 (3)		
MAPS®IV Units with Modulated-Capacity Scroll Compressors					
A	Model (Unit Size)		RCC, RECC, RDCC (060)	RCC, RECC, RDCC (090)	
			RDB, REDC, RDDC (084)	RDC, REDC, RDDC (114)	
	13	Fan blade	177223	177223 (2)	
	14	Fan/motor support	157107	157107 (2)	
	15	Condenser top	261870	261870	
	16	Fan guard	177160	177160 (2)	
B	Model (Unit Size)		RECC, RDCC (090)	RECC, RDCC (120)	
			RECC, RDDC (114)	REDC, RDDC (144)	
	13	Fan blade	177223	177223 (2)	
	14	Fan/motor support	157107	157107 (2)	
	15	Condenser top	261870		
	16	Fan guard	177160	177160 (2)	
*Quantity is one (1) unless otherwise indicated.					
**As of FEB 2011, PN 261870 replaced 258437 and PN 261869 replaced 258436.					

Table 26. Cabinets A, B, and C Cooling Components: Condenser Fan System Parts—Cont.

Cabinet	Item No.	Part	PN (Quantity)*
MAPS®IV Units with Modulated-Capacity Scroll Compressors—Continued			
B (cont.)	Model (Unit Size)		RCC, REC, RDCC (200)
			RDC, REDC, RDDC (236, 257)
	13	Fan blade	177223
	14	Fan/motor support	157107
	15	Condenser top	261870
	16	Fan guard	177160
C	Model (Unit Size)		RCC, RECC, RDCC (190, 298, 410)
			RDC, REDC, RDDC (248, 262, 354, 370, 468, 482)
	13	Fan blade	222465 (3)
	14	Fan/motor support	157107 (3)
	15	Condenser top	255116 (3)
	16	Fan guard	255436 (3)

*Quantity is one (1) unless otherwise indicated.

Dehumidifying Components

Table 27. Cabinets A, B, and C Dehumidifying Components: Reheat Circuit (DH) Parts

Cabinet	Item No.	Part	PN*			
MAPS®III Units						
B	Model (Unit Size)		Rddb (102)	Rddb (114, 142, 162, 184)	Rdb, REDB, Rddb (210)	
	1	Compressor, 208–240V/3PH/60Hz		235095		
		Compressor, 480V/3PH/60Hz		235097		
		Compressor, 575V/3PH/60Hz		235099		
	2	Plug, molded		205744		
	3	Thermostatic expansion valve		220552		
	4	Filter drier		177378		
	5	Crankcase heater, 208–240V/3PH/60Hz			216434	
		Crankcase heater, 480V/3PH/60Hz			216436	
		Crankcase heater, 575V/3PH/60Hz			216437	
	17	Evaporator coil (not shown)	259177	235110	235111	
	18	Condenser coil (not shown)	259178	235112	235113	
	Model (Unit Size)		Rdb, REDB, Rddb (222)	Rdb, REDB, Rddb (224)	Rdb, REDB, Rddb (236)	
	1	Compressor, 208–240V/3PH/60Hz		235096	235095	235096
		Compressor, 480V/3PH/60Hz		235098	235097	235098
		Compressor, 575V/3PH/60Hz		235100	235099	235100
	2	Plug, molded		205744		
	3	Thermostatic expansion valve	220553	220552	220553	
	4	Filter drier	177379	177378	177379	
	5	Crankcase heater, 208–240V/3PH/60Hz		216394	216434	216394
Crankcase heater, 480V/3PH/60Hz		216396	216436	216396		
Crankcase heater, 575V/3PH/60Hz		216397	216437	216397		
17	Evaporator coil (not shown)		235111			
18	Condenser coil (not shown)		235113			
C	Model (Unit Size)		Rdb, REDB, Rddb (248)	Rdb, REDB, Rddb (272)	Rdb, REDB, Rddb (354, 468)	
	1	Compressor, 208–240V/3PH/60Hz		216686		
		Compressor, 480V/3PH/60Hz		216687		
		Compressor, 575V/3PH/60Hz		216688		
	2	Plug, molded		205744		
	3	Thermostatic expansion valve		234987		
	4	Filter drier		177379		
	5	Crankcase heater, 208–240V/3PH/60Hz		216398		
		Crankcase heater, 480V/3PH/60Hz		216400		
		Crankcase heater, 575V/3PH/60Hz		216401		
	17	Evaporator coil (not shown)	235003	235110	235003	
	18	Condenser coil (not shown)	235004	235112	235004	

*Quantity is one (1).

COOLING AND DEHUMIDIFYING COMPONENTS—CONTINUED

MAPS®III AND MAPS®IV CABINETS A, B, AND C—CONTINUED

Dehumidifying Components—Continued

Table 27. Cabinets A, B, and C Dehumidifying Components: Reheat Circuit (DH) Parts—Cont.

Cabinet	Item No.	Part	PN*		
MAPS®III Units—Continued					
C (cont.)	Model (Unit Size)		RDB, REDB, RDDB (262, 288, 370, 482)		
	1	Compressor, 208–240V/3PH/60Hz	235009		
		Compressor, 480V/3PH/60Hz	235013		
		Compressor, 575V/3PH/60Hz	235018		
	2	Plug, molded	205744		
	3	Thermostatic expansion valve	234987		
	4	Filter drier	177379		
	5	Crankcase heater, 208–240V/3PH/60Hz	216398		
		Crankcase heater, 480V/3PH/60Hz	216400		
		Crankcase heater, 575V/3PH/60Hz	216401		
	17	Evaporator coil (not shown)	235003		
18	Condenser coil (not shown)	235004			
MAPS®IV Units with Modulated-Capacity Scroll Compressors					
A	Model (Unit Size)		RDC, REDC, RDDC (084)	RDC, REDC, RDDC (114, 144)	
	1	Compressor, 208–240V/3PH/60Hz	235095		
		Compressor, 480V/3PH/60Hz	235097		
		Compressor, 575V/3PH/60Hz	235099		
	2	Plug, molded	205744		
	3	Thermostatic expansion valve	220552		
	4	Filter drier	177378		
	5	Crankcase heater, 208–240V/3PH/60Hz	216434		
		Crankcase heater, 480V/3PH/60Hz	216436		
		Crankcase heater, 575V/3PH/60Hz	216437		
	17	Evaporator coil (not shown)	259177	261233	
18	Condenser coil (not shown)	259178	261234		
B	Model (Unit Size)		RDC, REDC, RDDC (114, 144)	RDC, REDC, RDDC (184)	RDC, REDC, RDDC (196)
	1	Compressor, 208–240V/3PH/60Hz	235095		235096
		Compressor, 480V/3PH/60Hz	235097		235098
		Compressor, 575V/3PH/60Hz	235099		235100
	2	Plug, molded	205744		
	3	Thermostatic expansion valve	220552		220553
	4	Filter drier	177378		177379
	5	Crankcase heater, 208–240V/3PH/60Hz	216434		216394
		Crankcase heater, 480V/3PH/60Hz	216436		216396
		Crankcase heater, 575V/3PH/60Hz	216437		216397
	17	Evaporator coil (not shown)	261233	261228	261229
	18	Condenser coil (not shown)	261234	261230	
	Model (Unit Size)		RDC, REDC, RDDC (236)	RDC, REDC, RDDC (257)	
	1	Compressor, 208–240V/3PH/60Hz	235096		216686
		Compressor, 480V/3PH/60Hz	235098		216687
		Compressor, 575V/3PH/60Hz	235100		216688
	2	Plug, molded	205744		
	3	Thermostatic expansion valve	220553		234987
	4	Filter drier	177379		
	5	Crankcase heater, 208–240V/3PH/60Hz	216394		216398
		Crankcase heater, 480V/3PH/60Hz	216396		216400
Crankcase heater, 575V/3PH/60Hz		216397		216401	
17	Evaporator coil (not shown)	261231			
18	Condenser coil (not shown)	261232			

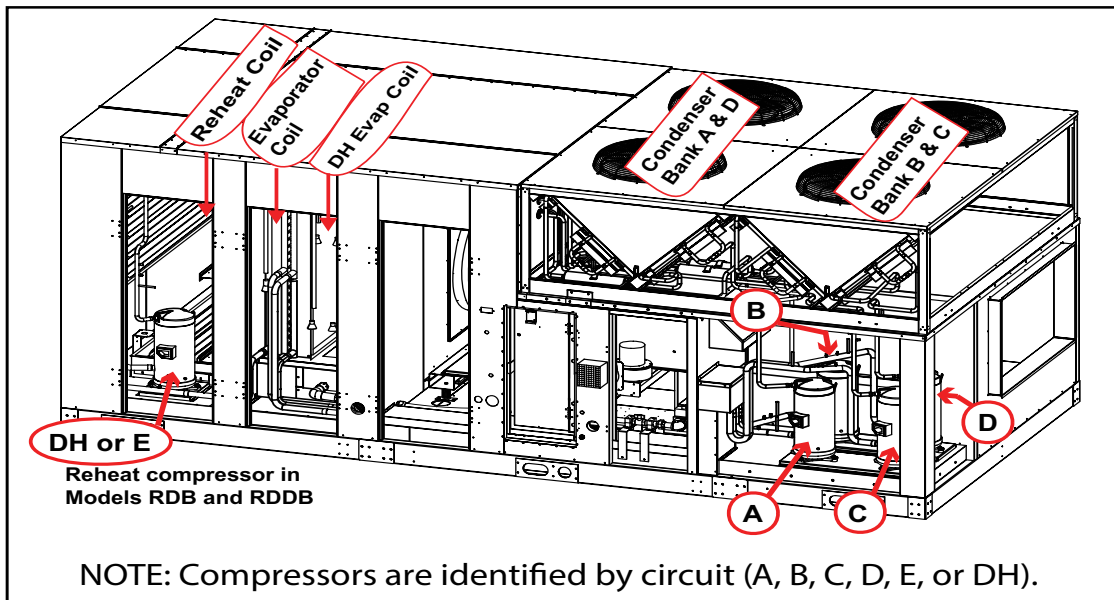
*Quantity is one (1).

Table 27. Cabinets A, B, and C Dehumidifying Components: Reheat Circuit (DH) Parts—Cont.				
Cabinet	Item No.	Part	PN*	
MAPS®IV Units with Modulated-Capacity Scroll Compressors—Continued				
C	1	Compressor, 208–240V/3PH/60Hz	216686	235009
		Compressor, 480V/3PH/60Hz	216687	235013
		Compressor, 575V/3PH/60Hz	216688	235018
	2	Plug, molded		205744
	3	Thermostatic expansion valve		234987
	4	Filter drier		177379
	5	Crankcase heater, 208–240V/3PH/60Hz		216398
		Crankcase heater, 480V/3PH/60Hz		216400
		Crankcase heater, 575V/3PH/60Hz		216401
	17	Evaporator coil (not shown)	261177	235003
18	Condenser coil (not shown)		235004	

*Quantity is one (1).

MAPS®III CABINET D

NOTE: See for the location of individual components show in [Figure 12](#).



**Figure 12. Cooling and Dehumidifying Components:
MAPS®III Cabinet D
(Refer to [Table 28](#) and [Table 29](#))**

Table 28. MAPS®III Cabinet D Compressors by Tonnage and Voltage									
Compressor Model	Tonnage	Voltage							
		208V	230V	460V	575V	208V	230V	460V	575V
Compressor PN*				Crankcase Heater (Item 5) PN**					
ZP57K3E	5	216686		216687	216688	216398	216400	216401	
ZP83KCE	7	216689		216690	216691	216402	216404	216405	
ZP120KCE	10	216695		216696	216697	216402	216404	216405	
ZP182KCE	15	216454		216455	216456	216402	216404	216405	

*PNs for wiring harness (item 2) are as follows: 223028 for 208V and 230V, 223029 for 460V, and 223030 for 575V. Quantity is one (1) per compressor.

**Quantity is one (1) per compressor.

COOLING AND DEHUMIDIFYING COMPONENTS—CONTINUED

MAPS®III CABINET D—CONTINUED

Table 29. MAPS®III Cabinet D Cooling and Dehumidifying Components									
Cooling Capacity (Tons)	Model (Unit Size)	Item 1: Compressor		Item 3: Thermostatic Expansion Valve			Item 4: Filter Drier	Item 17: Evaporator Coil	Item 18: Condenser Coil
		Circuit	Tonnage*	PN	Sporlan No.	Connection Size (Inches)			
30	RCB/RDCB (360)	A	10	220556	BBIZE-8-GA	5/8 × 7/8 × 1/4	221009	223212	235777 (223173 <i>before</i> 4 FEB 2015)
	RDB/RDDB (418)	C	5	234987	BBIZE-4-GA	1/2 × 7/8 × 1/4	177379		235837 (234963 <i>before</i> 4 FEB 2015)
	RDB/RDDB (444)								284436 (220935 <i>before</i> 4 FEB 2015)
	RDB/RDDB (484)	D	15	220558	BBIZE-15-GA	7/8 × 1-1/8 × 1/4	221010	235118	235117
	RDB/RDDB (418)	DH or E	5	234987	BBIZE-4-GA	1/2 × 7/8 × 1/4	177379	235116	235117
	RDB/RDDB (444)		7	220555	BBIZE-6-GA	5/8 × 7/8 × 1/4	216408	220932	220929
	RDB/RDDB (484)		10	220556	BBIZE-8-GA	5/8 × 7/8 × 1/4	221009	220932	220929
40	RCB/RDCB (480)	A	10	220556	BBIZE-8-GA	5/8 × 7/8 × 1/4	221009	220930	235777 (223173 <i>before</i> 4 FEB 2015)
	RDB/RDDB (538)	C	15	220558	BBIZE-15-GA	7/8 × 1-1/8 × 1/4	221010		284436 (220935 <i>before</i> 4 FEB 2015)
	RDB/RDDB (564)								284436 (220935 <i>before</i> 4 FEB 2015)
	RDB/RDDB (602)	D	15	220558	BBIZE-15-GA	7/8 × 1-1/8 × 1/4	221010	235118	235117
	RDB/RDDB (538)	DH or E	5	234987	BBIZE-4-GA	1/2 × 7/8 × 1/4	177379	235116	235117
	RDB/RDDB (564)		7	220555	BBIZE-6-GA	5/8 × 7/8 × 1/4	216408	220932	220929
	RDB/RDDB (602)		10	220556	BBIZE-8-GA	5/8 × 7/8 × 1/4	221009	220932	220929
50	RCB/RDCB (600)	A	10	220556	BBIZE-8-GA	5/8 × 7/8 × 1/4	221009	223350	235777 (223173 <i>before</i> 4 FEB 2015)
	RDB/RDDB (658)	B		220556	BBIZE-8-GA	5/8 × 7/8 × 1/4	221009		235777 (223173 <i>before</i> 4 FEB 2015)
	RDB/RDDB (684)	C	15	220558	BBIZE-15-GA	7/8 × 1-1/8 × 1/4	221010		284436 (220935 <i>before</i> 4 FEB 2015)
	RDB/RDDB (722)							D	220558
	RDB/RDDB (658)	DH or E	5	234987	BBIZE-4-GA	1/2 × 7/8 × 1/4	177379	235118	235117
	RDB/RDDB (684)		7	220555	BBIZE-6-GA	5/8 × 7/8 × 1/4	216408	220932	220929
	RDB/RDDB (722)		10	220556	BBIZE-8-GA	5/8 × 7/8 × 1/4	221009	220932	220929
60	RCB/RDCB (720)	A	15	220558	BBIZE-15-GA	7/8 × 1-1/8 × 1/4	221010	223350	284436 (223160 <i>before</i> 4 FEB 2015)
	RDB/RDDB (804)	B		220558	BBIZE-15-GA	7/8 × 1-1/8 × 1/4	221010		284436 (223160 <i>before</i> 4 FEB 2015)
	RDB/RDDB (842)	C		220558	BBIZE-15-GA	7/8 × 1-1/8 × 1/4	221010		284436 (220935 <i>before</i> 4 FEB 2015)
	RDB/RDDB (842)			D	220558	BBIZE-15-GA	7/8 × 1-1/8 × 1/4		221010
	RDB/RDDB (804)	DH or E	7	220555	BBIZE-6-GA	5/8 × 7/8 × 1/4	216408	235116	235117
	RDB/RDDB (842)		10	220556	BBIZE-8-GA	5/8 × 7/8 × 1/4	221009	220932	220929

*Refer to [Table 28](#) for compressor model by tonnage.

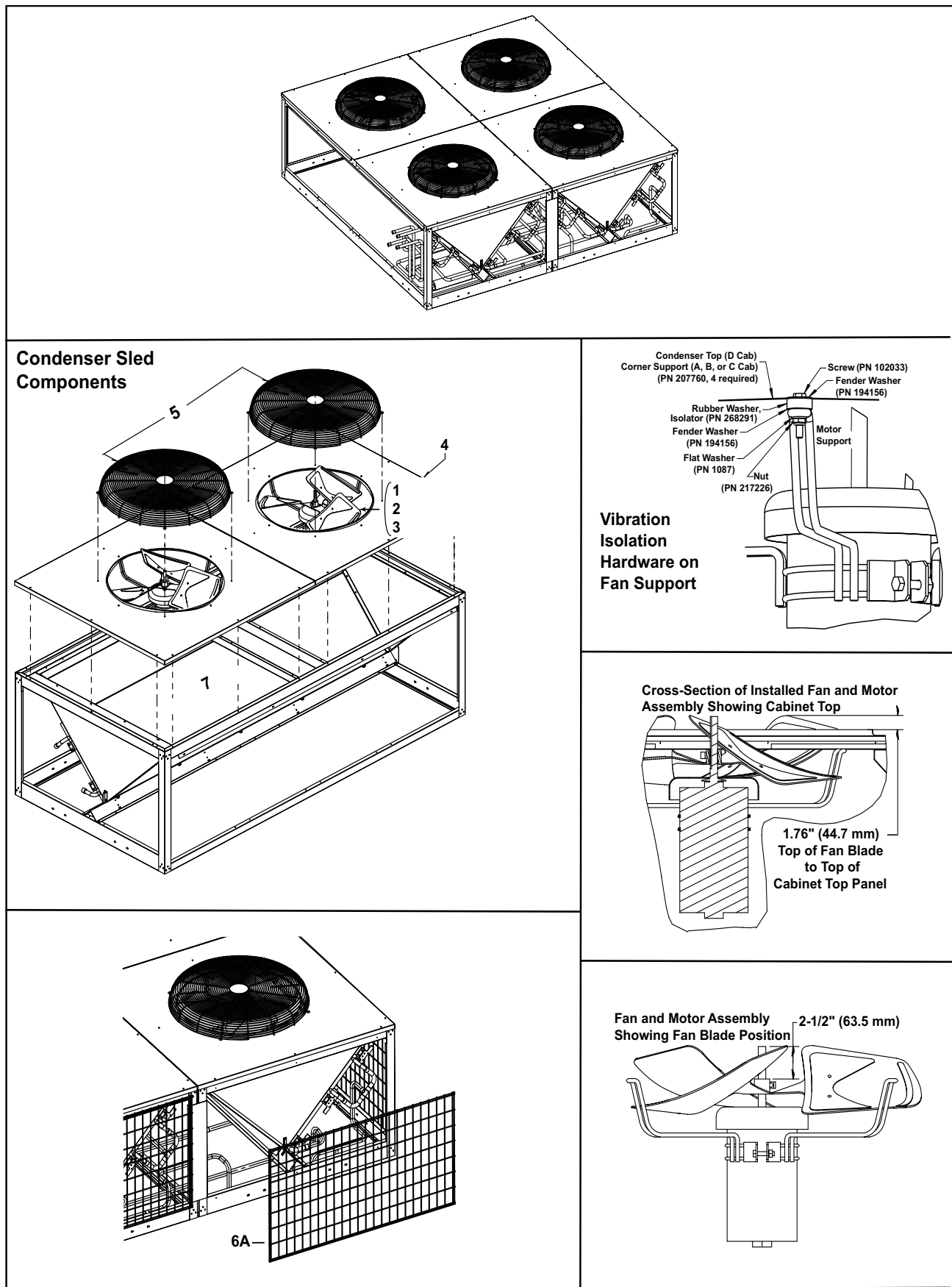


Figure 13. Condenser Sled Assembly—MAPS®III Cabinet D
 (Refer to [Table 30](#), [Table 31](#), and [Table 32](#))

COOLING AND DEHUMIDIFYING COMPONENTS—CONTINUED

MAPS®III CABINET D—CONTINUED

Table 30. MAPS®III Cabinet D Condenser Sled Assemblies by Model and Voltage				
Model	Unit Size	Voltage/PH		
		208–230/3	460/3	575/3
		PN		
RCB, RDCB	360	254168		255109
RDB, RDDB	418			
	444			
	484			
RCB, RDCB	480	222571		222574
RDB, RDDB	538			
	564			
	602			
RCB, RDCB	600	222572		222575
RDB, RDDB	658			
	684			
	722			
RCB, RDCB	720	222573		222576
RDB, RDDB	804			
	842			

Table 31. MAPS®III Cabinet D Condenser Sled Assembly Components		
Item No.	Part	PN
1	Motor, 1-HP, 208–230/460/3	208974
	Motor, 1-HP, 575/3	208975
2	Fan blade	222465
3	Fan/motor support	157107
4	Condenser section top	223303
5	Fan guard, 26"	217135
6 (not shown)	Hail guard, option AZ11, 30-ton* with zero or one heat section**	255665
	Hail guard, option AZ11, 30-ton* with two heat sections**	255666
	Hail guard, option AZ11, 40- to 60-ton* with zero or one heat section**	255667
	Hail guard, option AZ11, 40- to 60-ton* with two heat sections**	255668
6A	Hail guard section	223216

*Refer to [Table 29](#) for model/size by tonnage.

**Models RDCB and RDDB with one heat section are available in unit sizes 400, 500, 600, and 700. Models RDCB and RDDB with two heat sections are available in sizes 1000, 1200, 1400, and 1600.

Table 32. MAPS®III Cabinet D Condenser Coils (Item 7)				
Model (Unit Size)	Circuit	Tonnage	Bank*	PN
RCB, RDCB (360) & RDB, RDDB (418, 444, 484)	A	10	Only one	223173
	C	5		234963
	D	15		220935
RCB, RDCB (480) & RDB, RDDB (538, 564, 602)	A	10	Left	223173
	C	15	Right	220935
	D		Left	220935
RCB, RDCB (600) & RDB, RDDB (658, 684, 722)	A	10	Left	223173
	B	10	Right	223173
	C	15		220935
	D		Left	220935
RCB, RDCB (720) & RDB, RDDB (804, 842)	A	15	Left	223160
	B		Right	223160
	C		Left	220935
	D		Right	220935

*See [Figure 12](#).

HOT GAS BYPASS SYSTEM

- **Item 1:** a hot gas bypass valve (see [Figure 14](#)) is used in option AUC9 (refer to [Table 33](#))
- **Item 2:** modulating reheat option AUR1 includes a bypass valve (PN 234062) with a 1/2-inch inlet and outlet (see [Figure 14](#))
- **Item 3:** option AUC9 includes shutoff and check valves (refer to [Table 33](#))

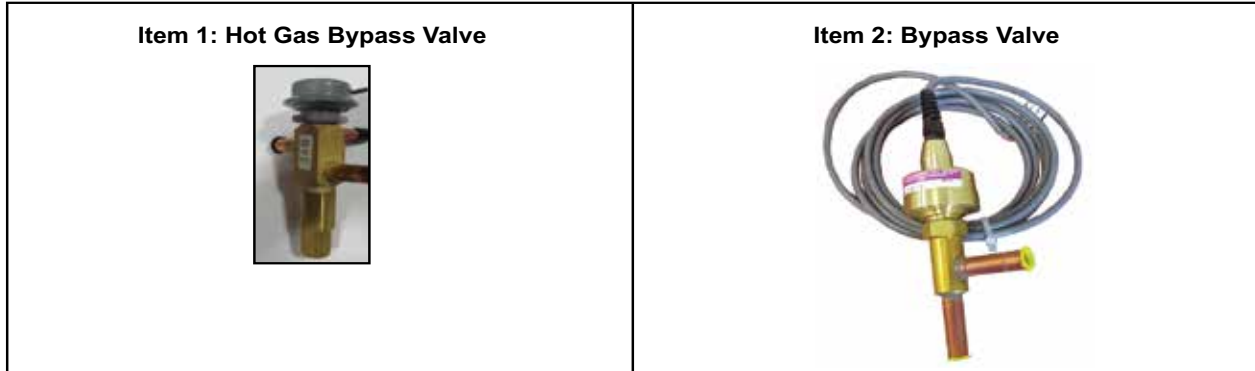


Figure 14. Hot Gas Bypass Valves (Refer to [Table 33](#))

Table 33. Hot Gas Bypass Valves and Shutoff and Check Valves					
Cabinet	Circuit	Unit Size	Item 1: Hot Gas Bypass Valve	Item 3 (Not Shown)	
				Shutoff Valve	Check Valve
PN (Size)					
A	A	All	220518	262286 (3/8-inch)	262993
	B				
B	A				
	B				
C	A	190, 248, 262	220517	216749 (1/2-inch)	259292
	B	All			
D	A	360, 418, 444, 484, 480, 538, 564, 602	220517	—	—
	B	480, 538, 564, 602, 600, 658, 684, 722, 720, 804, 842		—	—
	C	360, 418, 444, 484	220518	—	—
	D	360, 418, 444, 484, 480, 538, 564, 602, 600, 658, 684, 722	220517	—	—

INLET AIR COMPONENTS

Table 34. Inlet Air Filters											
Cabinet	Unit Size	Filter Description (Option)									
		Disposable, Pleated, 2-Inch (AW11)		Disposable, Pleated, 4-Inch, Merv 8 (AW21)		Disposable, Pleated, 4-Inch, Merv 13 (AW24)		Permanent, Aluminum, 2-Inch (AW9)		Permanent, Aluminum, 4-Inch (AW20)	
		Size (Inches)	PN (Quantity)	Size (Inches)	PN (Quantity)	Size (Inches)	PN (Quantity)	Size (Inches)	PN (Quantity)	Size (Inches)	PN (Quantity)
A	060, 078, 084, 102	20 × 25 × 2	104113 (1)	20 × 25 × 4	205791 (1)	20 × 25 × 4	256663 (1)	20 × 25 × 2	101623 (1)	20 × 25 × 2	101623 (2)
	090, 114, 118–162	16 × 20 × 2	104110 (2)	16 × 20 × 4	211127 (2)	16 × 20 × 4	256665 (2)	16 × 20 × 2	101620 (2)	16 × 20 × 2	101620 (4)
		20 × 20 × 2	104111 (2)	20 × 20 × 4	205790 (2)	20 × 20 × 4	256662 (2)	20 × 20 × 2	101621 (2)	20 × 20 × 2	101621 (4)
B	All	20 × 25 × 2	104113 (4)	20 × 25 × 4	205791 (4)	20 × 25 × 4	256663 (4)	20 × 25 × 4	101623 (4)	20 × 25 × 2	101623 (8)
C	All	20 × 25 × 2	104113 (6)	20 × 25 × 4	205791 (6)	20 × 25 × 4	256663 (6)	20 × 25 × 2	101623 (6)	20 × 25 × 2	101623 (12)
D	All	—		20 × 24 × 4	222480 (8)	20 × 24 × 4	260828 (8)	—		20 × 24 × 2	223065 (16)

NOTE: Refer to [Table 3](#), [Table 4](#), and [Table 5](#) to cross-reference by model, unit size, and cabinet size.

INLET AIR COMPONENTS—CONTINUED

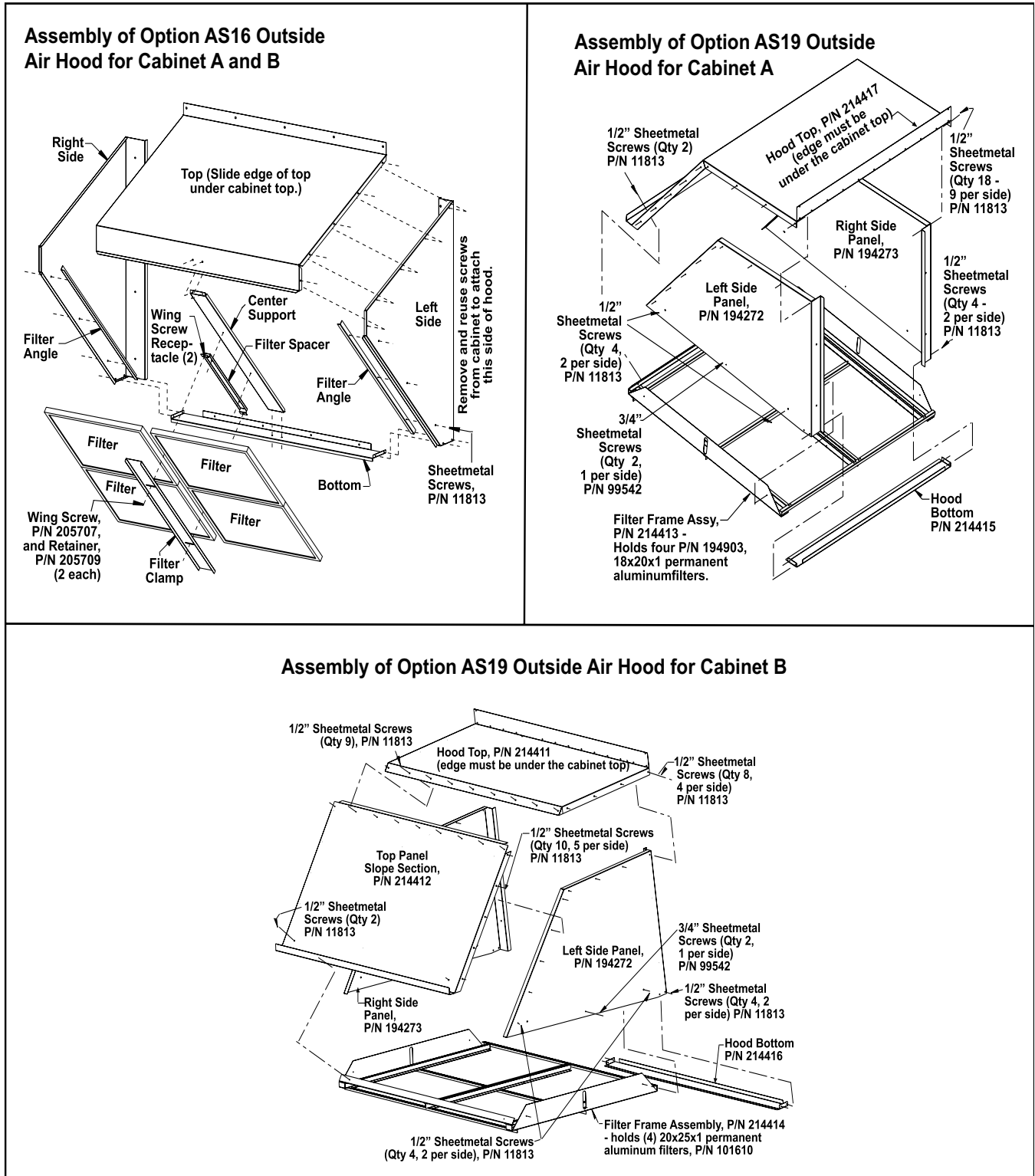
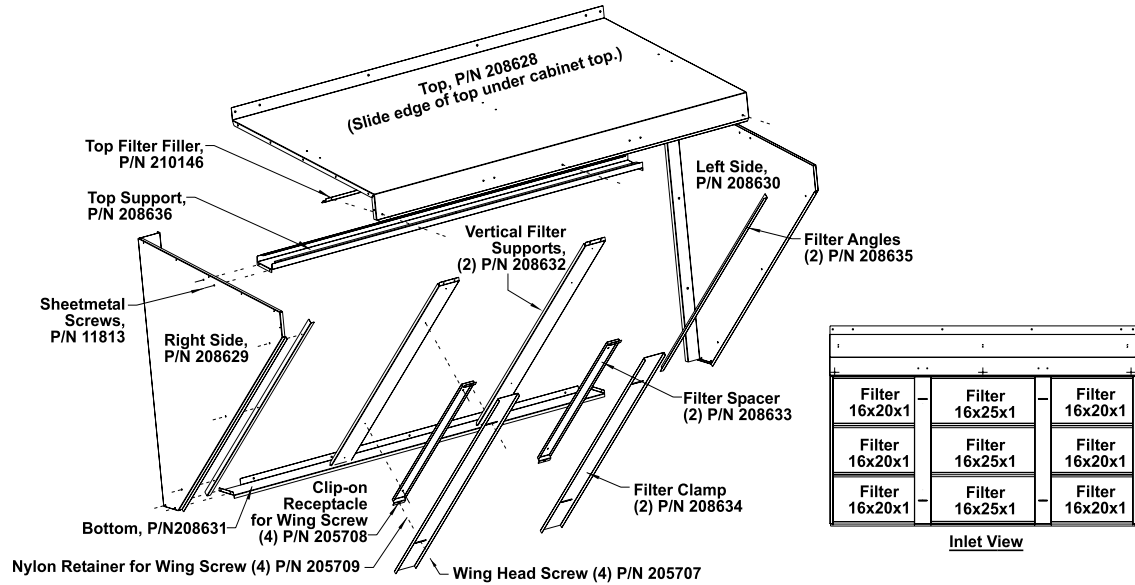
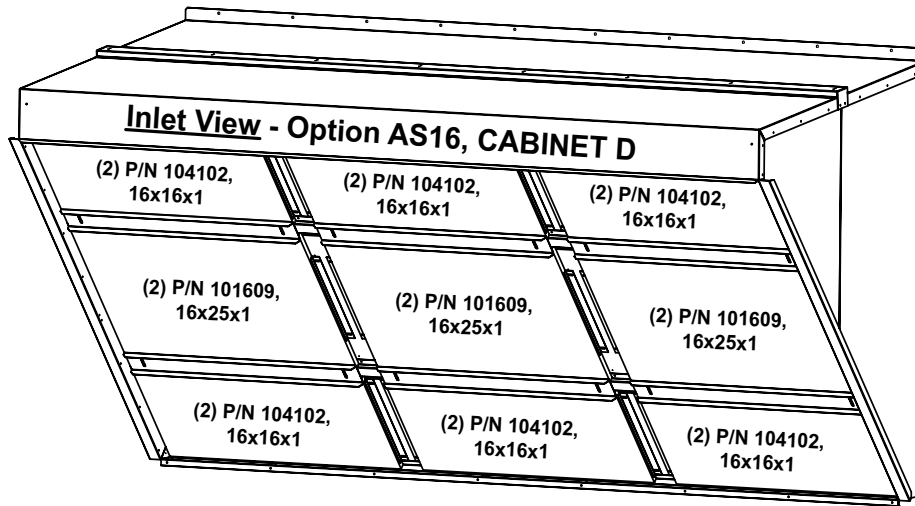


Figure 15. Outside Air Hood Assemblies—Cabinets A and B (Refer to [Table 35](#))

Assembly of Options AS16 and AS19 Outside Air Hood for Cabinet C



Assembly of Option AS16 Outside Air Hood for Cabinet D



NOTE: Inlet view of installed air hood shown. Instructions are included in the option package or are available from your Factory Distributor.

Figure 16. Outside Air Hood Assemblies—Cabinets C and D (Refer to Table 35)

Table 35. Outside Air Hood Assemblies						
Cabinet	A		B		C	D
Hood Option	AS16	AS19	AS16	AS19	AS16 & AS19	AS16
Package PN	205665	215624	205666	215625	208741	222657
Component	PN (Quantity)*					
Hood top	204408	214417	204409	214411	208628	—
Hood top, section 1	—		—		222689	
Hood top, section 2	—		—		222690	
Slope, hood top	—	—	—	214412	—	
Hood side, right	204410	194273	204410	194273	208629	—
Hood side, right, section 1	—		—		222694	
Hood side, right, section 2	—		—		222693	
Hood side, left	204411	194272	204411	194272	208630	—
Hood side, left, section 1	—		—		222697	
Hood side, left, section 2	—		—		222696	

INLET AIR COMPONENTS—CONTINUED

NOTE: The air hood is attached either directly to the MAPS® unit or, if equipped, to the optional energy recovery module.

Table 35. Outside Air Hood Assemblies—Continued						
Cabinet	A		B		C	D
Hood Option	AS16	AS19	AS16	AS19	AS16 & AS19	AS16
Package PN	205665	215624	205666	215625	208741	222657
Component	PN (Quantity)*					
Hood bottom	204412	214415	204413	214416	208631	222692
Support, hood, center	204419	—	204420	—		
Support, horizontal						222699 (2)
Top seal						222691
Filter rack assembly	—	214413	—	214414	—	
Filter support, top					208636	222701
Filter support, bottom					222703	
Filter support, vertical					208632	222700 (2)
Clamp, filter	204417	—	204418	—	208634 (2)	—
Angle, filter	204414 (2)	—	204414 (2)	—	208635 (2)	—
Spacer, filter	204415	—	204416	—	208633 (2)	—
Filler, filter, top					210146	—
Clip, filter, top						222702
Clip, filter, bottom						222704
Filter Stops						222705 (12)
Filter Retainers						222706 (6)
Left Side Gutter						222698
Right Side Gutter						222695
Silicone, tube						53335
Filter, 16 × 16 × 1						104102 (12)
Filter, permanent, aluminum, 16 × 20 × 1	101607 (4)				101607 (6)	—
Filter, permanent, aluminum, 16 × 25 × 1	—		101609 (4)	—	101609 (3)	101609 (6)
Filter, permanent, aluminum, 18 × 20 × 1	—	194903 (4)	—			
Filter, permanent, aluminum, 20 × 25 × 1	—			101610 (4)	—	
Screw, wing-head, 12-12-103-11	205707 (2)	—	205707 (2)	—	205707 (4)	205707 (12)
Screw, sheet metal, #10-16 × 1/2	11813 (AR)**	—	11813 (AR)**	—	11813 (AR)**	11813 (150)
Screw, self-drilling						37661 (20)
Receptacle, clip-on, 12-11050-27	221262 (2)	—	221262 (2)	—	221262 (4)	221262 (12)
Retainer, nylon, 12-11064-42	205709 (2)	—	205709 (2)	—	205709 (4)	205709 (12)

*Quantity is one (1) unless otherwise indicated.
 **AR = as required.
 NOTE: Painted metal parts may have a protective film. Remove the film before assembling.
 NOTE: Refer to [Table 3](#), [Table 4](#), and [Table 5](#) to cross-reference by model, unit size, and cabinet size.

DAMPER COMPONENTS

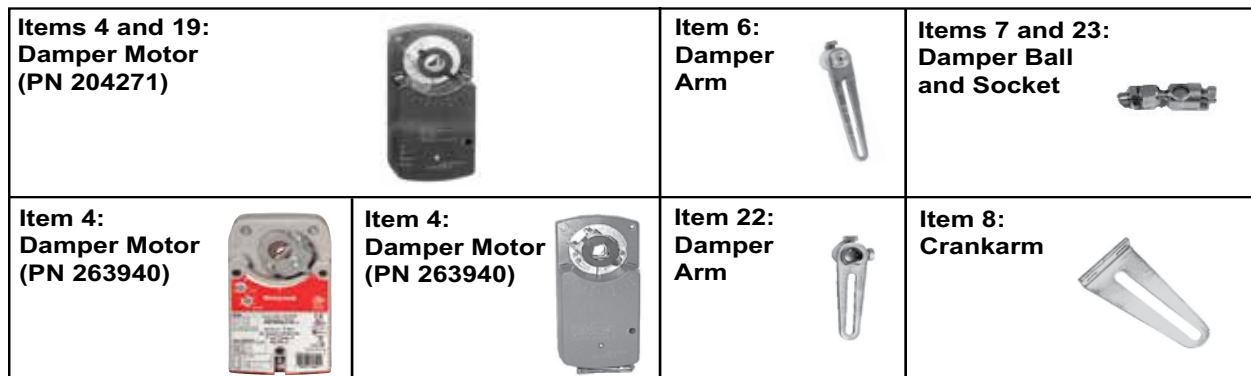


Figure 17. Damper Components (Refer to [Table 36](#) and [Table 37](#))

Damper options are as follows (refer to [Table 36](#) and [Table 37](#)):

- AR8 and AR2D are outside air on/off damper options
- AR2L (an outside air on/off damper option) and AR2K (an outside and exhaust/return air three-position damper option) are used on the energy recovery module ([Options ER1A, ER1B, ER1C, ERMA, ERMB, and ERMC](#))
- AR2G and AR25 are outside and return air modulating damper options

Table 36. Damper Components—Cabinets A, B, and C						
Item No.	Component	Cabinet	Damper Option			
			AR8	AR2D	AR2L	AR2G
PN						
Dampers and Damper Assemblies						
1	Outside air damper frame assembly (not shown)	A	205051			257166
		B	205052			257165
		C	256114			256114
1A	Outside air damper (not shown)	A	205066 (24 × 20 inches)			
		B	205068 (36 × 20 inches)			
		C	208369 (with extension: PN 254742)		208368	
2	Return air damper frame assembly, does not include item 3: return air dampers (not shown)	A	—		205053	
		B	—		205054	
		C	—		208110	
3	Return air damper (not shown)	A	—		205067 (23.5 × 12.38 inches)	
		B	—		205069 (38.5 × 12.38 inches)	
		C	—		208369 (48.875 × 17.25 inches)	
Damper Motor and Linkage						
4	Damper motor	A & B	263940 (M/H MS7505A2130/U)*			
		C	204271 (#MS7510A2206)			
5	Motor bracket (not shown)	A & B	263765 (bracket for M/H motor)**		223368	
			261240 (bracket for J/C motor)**			
		C	261240			
6	Damper arm	A, B, C	—		12635	—
7	Damper ball and socket	A, B, C	—		12636	—
8	Crankarm	A, B, C	—		194200	—
9	Damper rod (not shown)	A, B, C	—		171774 (24-inch)	—
			—		194201 (24-inch)	—
*As of MAR 2011, PN 263940 replaces PN 211417 (J/C M9206-GGB-RN01). If ordering a field replacement, visually check the motor being replaced and order the same motor as was removed.						
**If a new bracket is required, visually check the motor being used and order the order the bracket for the motor (item 4) being used.						
NOTE: Refer to Table 3 , Table 4 , and Table 5 to cross-reference by model, unit size, and cabinet size.						

Table 37. Damper Components—Cabinet D				
Item No.	Component	Damper Option		
		AR8	AR25	
PN (Quantity)				
Dampers and Damper Frames				
10	Outside air damper frame top (not shown)	222463 (1)		
11	Outside air damper frame bottom (not shown)	221552 (1)		
12	Outside air damper frame side (not shown)	221551 (2)		
13	Outside air damper, 72 × 36 inches (not shown)	222456 (1)		
14	Return air damper frame, long side (not shown)	—	221550 (2)	
15	Return air damper frame, non-motor end (not shown)	—	221549 (1)	
16	Return air damper frame, motor end (not shown)	—	221561 (1)	
17	Return air damper frame clamp (not shown)	—	222562 (3)	
18	Return air damper, 22 × 20 inches (not shown)	—	222457 (1)	
Damper Motor and Linkage				
19	Motor (#MS7510A2206)	204271 (1)		
20	Motor bracket (not shown)	223368 (1)		
21	Damper actuator shaft, 4-inch (not shown)	214299 (1)		
22	Damper arm	—	66278 (2)	
23	Damper ball and socket	—	12636 (2)	
24	Damper rod, 33-inch (not shown)	—	179176 (1)	
NOTE: Refer to Table 3 , Table 4 , and Table 5 to cross-reference by model, unit size, and cabinet size.				

ENERGY RECOVERY MODULES

OPTIONS ER1A, ER1B, ER1C, ERMA, ERMB, AND ERMC

NOTE: Options ER1A, ER1B, and ER1C became available in March 2011. For energy recovery modules manufactured *before* March 2011, refer to [Options ER11, ER20, ER28, ER36, ER46, and ER62](#).

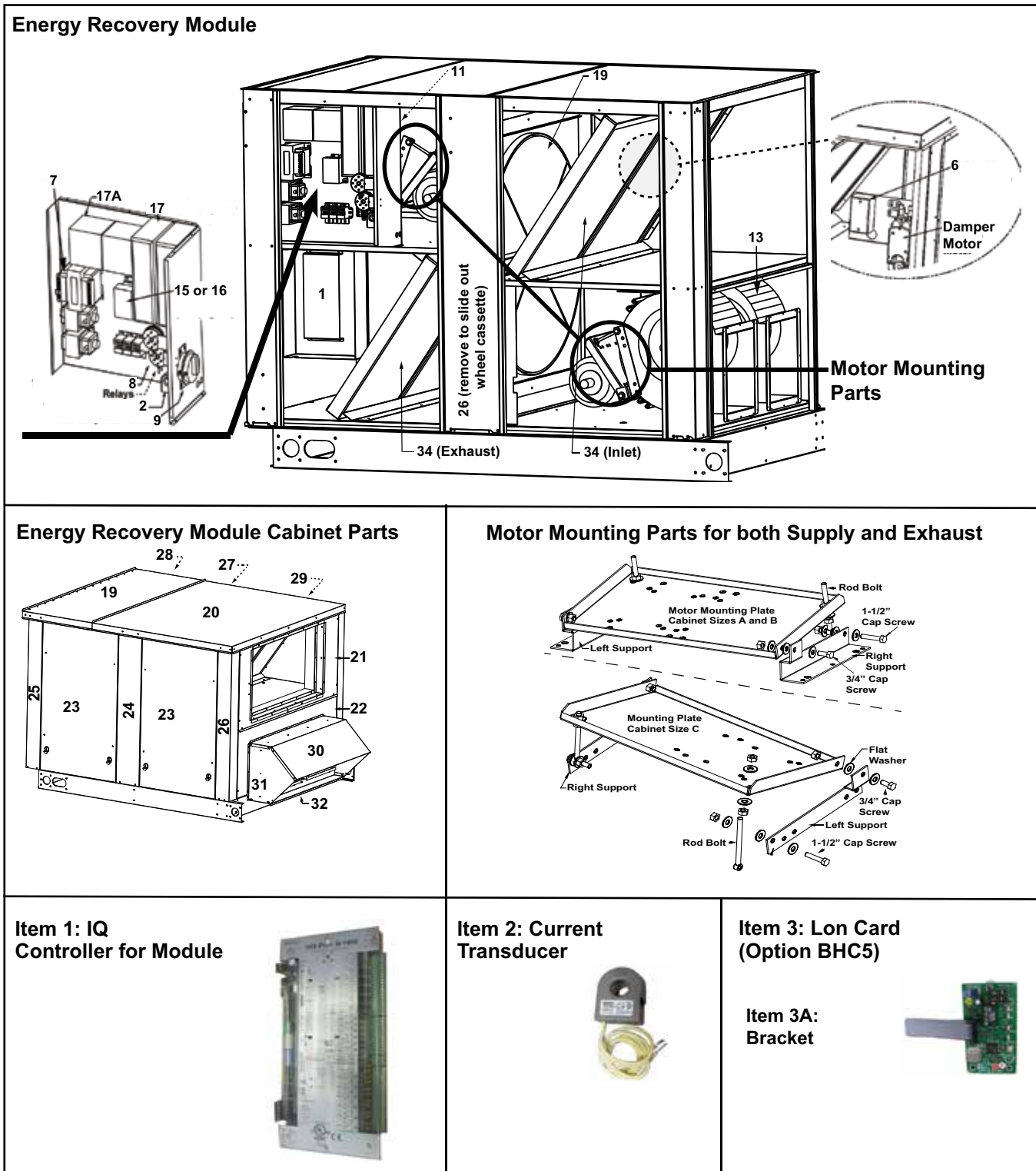


Figure 18. Energy Recovery Module Components (Refer to [Table 38](#))

Table 38. Energy Recovery Module Components

Item No.	Component	Cabinet (Energy Recovery Option)		
		A (ER1A or ERMA)	B (ER1B or ERMB)	C (ER1C or ERMC)
		PN (Quantity)*		
Module Parts				
1	IQ controller for module (not shown)	257604		
2	Current transducer	222764		
3	Lon card (option BHC5) (not shown)	234823		
3A	Bracket (not shown)	258412		
4	Wiring harness (not shown)	262487		
5	Frostat (not shown)	222753		
6	Sensor, temperature, return air (option BE6)	222753		
	Sensor, humidity, return air (option BE6)	234907		
7	Transformer, 208/230/460/3, 75VA (option AK5, AK6, or AK7) (not shown)	208989 (2)		
	Transformer, 575/3, 275VA (option AK8) (not shown)	105202	—	—
	Transformer, 575/3, 75VA (option AK8) (not shown)	258912 (2)		
8	Pressure switch, 0.10 IN WC	234712 (2)		
9	Dirty filter switch (option BE28)	105507		
10	Supply blower (fan) motor (not shown)	Refer to PNs for 1- through 5-HP motors**		
11	Supply blower, single	262328	262477	262000
	Supply blower, double	—	262346	262001
12	Exhaust blower (fan) motor (not shown)	Refer to PNs for blowers on 1- through 5-HP motors**		
13	Exhaust blower, twin 9 × 7, 1-inch shaft	210857		—
	Exhaust blower, A15 × 11	—	—	(2)14469
13A	Bearing (not shown)	214294		14474
13B	Shaft, blower (not shown)	214297		13589
14	Bracket, bearing (not shown)	—		24233
15	Starter (option EN10)	Refer to PNs for starters on 1- through 5-HP motors**		
16	Contactora (option EN2)	216386 (refer to Motor Components)		
17	VFD	Refer to Table 8 and Table 9		
17A	VFD drive reactor			
18	Energy recovery wheel cassette (not shown)	262324	—	
	Energy recovery wheel cassette, 36-inch (not shown)	—	262325	—
	Energy recovery wheel cassette, 52-inch (not shown)	—		262326
18A	Wheel belt (not shown)	262488	262489	262490
18B	Wheel motor (not shown)	262494 (115V)	262491 (200–230/460V)	262492 (200–230/460V)
			262493 (575V)	
18C	Wheel segment, 1 segment (not shown)	262495	262497	262499
18D	Wheel section, 4 or 6 segments (not shown)	262496 (4)	262498 (6)	262500 (6)
Cabinet Parts				
19	Top, front	261608	261300	260981
20	Top, rear	261607	261279	260980
21	End panel, upper section	261606	262186	260974
22	End panel, lower section	261605	262185	260973
23	Control side access door assembly	262331 (2)		262003 (2)
24	Control side center post cover	261282		260953
25	Front corner cover	261281		260951
26	Rear corner cover	261280		260955
27	Non-control side access panel	262332		262002
28	Non-control side front panel	261284		260957
29	Non-control side rear panel	261283		260956
30	Power exhaust hood, top	261290		260978
31	Power exhaust hood, side	260979 (2)		
32	Power exhaust hood, bottom	261289		260977

*Quantity is one (1) unless otherwise indicated.

**Refer to [Table 10](#), [Table 11](#), or [Table 12](#).

NOTE: Refer to [Table 3](#), [Table 4](#), and [Table 5](#) to cross-reference by model, unit size, and cabinet size.

ENERGY RECOVERY MODULES—CONTINUED

OPTIONS ER1A, ER1B, ER1C, ERMA, ERMB, AND ERMC—CONTINUED

Table 38. Energy Recovery Module Components—Continued				
Item No.	Component	Cabinet (Energy Recovery Option)		
		A (ER1A or ERMA)	B (ER1B or ERMB)	C (ER1C or ERMC)
		PN (Quantity)*		
Bypass Air Shutters for Energy Recovery Modules Manufactured After MAR 2012				
33	Adjustable bypass shutter, 500–2400 cfm (not shown)	268275 (2)	268277 (2)	268278 (2)
	Adjustable bypass shutter, 2401–3200 cfm (not shown)	268276 (2)		
33A	Exhaust bypass plate (not shown)	261597	261272	260950
33B	Supply bypass plate (not shown)	261598	261273	260951
Filters, Inlet or Exhaust				
34	Filter, pleated, 12 × 25 × 2, Merv 8	—	114320 (2)	—
	Filter, pleated, 16 × 16 × 2, Merv 8	—	—	104109
	Filter, pleated, 16 × 20 × 2, Merv 8	—	—	104110
	Filter, pleated, 16 × 25 × 2, Merv 8	—	104112 (2)	
	Filter, pleated, 20 × 25 × 2, Merv 8	104113 (2)	—	104113 (2)
Motor-Mounting Parts for Supply and Exhaust (Quantity Shown Is for Each)				
—	Washer, flat, 5/16 SAE	1087 (16)		
	Nut, hex, keps, 5/16-18	6554 (8)		
	Rod, bolt, 5/16-18	12489 (2)		
	Capscrew, 5/16 × 3/4	16247 (2)		
	Capscrew, 5/16 × 1-1/2	16248 (2)		
	Plate, motor-mounting	263521	202840	
	Support, left	263522	12576	
	Support, right	263523	12577	

*Quantity is one (1) unless otherwise indicated.

NOTE: Refer to [Table 3](#), [Table 4](#), and [Table 5](#) to cross-reference by model, unit size, and cabinet size.

OPTIONS ER11, ER20, ER28, ER36, ER46, AND ER62

NOTE: Options ER11, ER20, ER28, ER36, ER46, and ER62 are for energy recovery modules manufactured before MAR 2011. For energy recovery modules manufactured after FEB 2011, refer to [Options ER1A, ER1B, ER1C, ERMA, ERMB, and ERMC](#).

The parts shown in [Table 39](#) are for replacement only. Optional energy recovery modules must be ordered with the system. A system cabinet with option AR2C must be ordered to accommodate the module.

Table 39. Energy Recovery Module Components for Modules Manufactured Before March 2011						
Component	Cabinet					
	A		B		C	
	Energy Recovery Option*					
	ER11	ER20	ER28	ER36	ER46	ER62
Horsepower						
Supply fan motor, for ERW1 and ERW2**	1/2	1	1-1/2	2	3	5
Exhaust fan motor, for ERW1**		1-1/2	3		5	5 (QTY 2)
Exhaust fan motor, for ERW2**	1-1/2		3		5	5 (QTY 2)
PN						
Intake damper (option ARD3)**	—					
Froststat, low ambient (option BE6)**						
Controller for stop-start-jog (option BH6)**						
Differential pressure gauge (option BW4)**						
Plug, 6-pin male, 1-480704-0	209170					
Plug, 15-pin female, 1-480711-0	—			209171		
Adapter, C cabinet, for option AR2A	—				216761	

*Replacement parts information for these options is incomplete. If replacement parts not listed are required, contact your Factory Distributor. Be prepared to provide complete model No., serial No., option code, and rating plate information.

**Contact your Factory Distributor for PN.

NOTE: Refer to [Table 3](#), [Table 4](#), and [Table 5](#) to cross-reference by model, unit size, and cabinet size.

POWER EXHAUST (OPTION PE) COMPONENTS

NOTE: If replacement parts not listed here are required for a power exhaust module, contact your Factory Representative. For the motor, contactor, or starter, refer to [Table 10](#), [Table 11](#), or [Table 12](#). For drive parts, refer to [Table 14](#), [Table 15](#), or [Table 16](#).

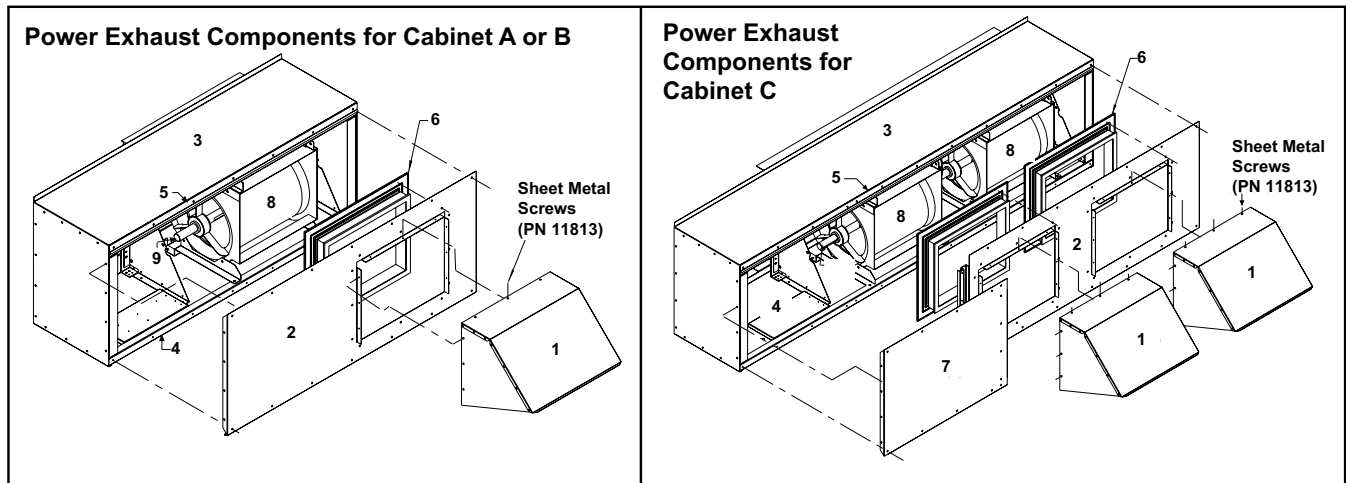


Figure 19. Power Exhaust (Option PE) Components (Refer to [Table 40](#))

Table 40. Power Exhaust (Option PE) Components				
Item No.	Component	Cabinet (Power Exhaust Option)		
		A (PE1)	B (PE2)	C (PE3)
		PN (Quantity)*		
1	Hood assembly	209224		209224 (2)
2	Power exhaust, front	209246	209255	209214
3	Power exhaust wrapper, top and sides	209245	209254	209213
4	Power exhaust, bottom	209237	209250	209102
5	Top support, front	209243	209252	209109
6	Backdraft damper	209219	—	209219 (2)
7	Motor cover plate	—		209215
8	Blower, 9 × 10	209239		209239 (2)
9	Blower shaft, 1 × 19-5/16	209247		—
	Blower shaft, 1 × 41-1/4	—		209248
10	Motor-mounting assembly (not shown)	209216		
10A	Washer, flat, 5/16 SAE (not shown)	1087 (10)		
10B	Nut, hex, keps, 5/16-18 (not shown)	6554 (10)		
10C	Rod, bolt, 5/16-18 (not shown)	12489 (2)		
10D	Capscrew, 5/16 × 3/4 (not shown)	16247 (6)		
10E	Capscrew, 5/16 × 1-1/2 (not shown)	16248 (2)		
10F	Motor-mounting plate (not shown)	12578		
10G	Support, left (not shown)	12576		
10H	Support, right (not shown)	12577		

*Quantity is one (1) unless otherwise indicated.

GAS HEAT SECTION COMPONENTS (MODELS RDCB AND RDDB)

Gas heat section components are available only for models RDCB and RDDB. Components are shown and listed by cabinet as follows:

- **Cabinets A and B:** see [Figure 20](#), [Figure 21](#), and [Figure 22](#) and refer to [Table 41](#) for a list of components
- **Cabinet C:** see [Figure 20](#) and [Figure 23](#) and refer to [Table 41](#) for a list of components
- **Cabinet D:** see [Figure 20](#), [Figure 24](#), and [Figure 25](#) and refer to [Table 41](#) for a list of components
- **In-Curb Duct Furnace (Option JHUP), Cabinets B and C:** see [Figure 26](#) and [Figure 27](#) and refer to [Table 41](#) for a list of components

GAS HEAT SECTION COMPONENTS (MODELS RDCB AND RDDB)—CONTINUED




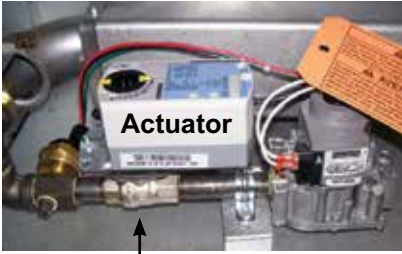


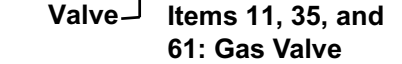

<p>Items 8 and 32: Ignitor</p> 	<p>Items 9 and 33: Flame Sensor</p>  <p style="text-align: center;">Bracket</p>	<p>Items 10 and 34: Ignition Board</p> 
<p>Items 12, 36, and 62: Ball Valve Items 13, 37, and 63: Actuator</p>  <p style="text-align: center;">Actuator</p>	<p>Items 14 and 38: Transducer</p> 	<p>Items 15 and 41: Low Gas Pressure Switch</p> 
<p>Items 11, 35, and 61: Gas Valve</p>  <p style="text-align: center;">Valve</p>	<p>Items 16 and 42: High Gas Pressure Switch</p> 	<p>Items 17 and 67: High Temperature Limit</p> 

Figure 20. Common Gas Heat Section Components (Refer to [Table 41](#))

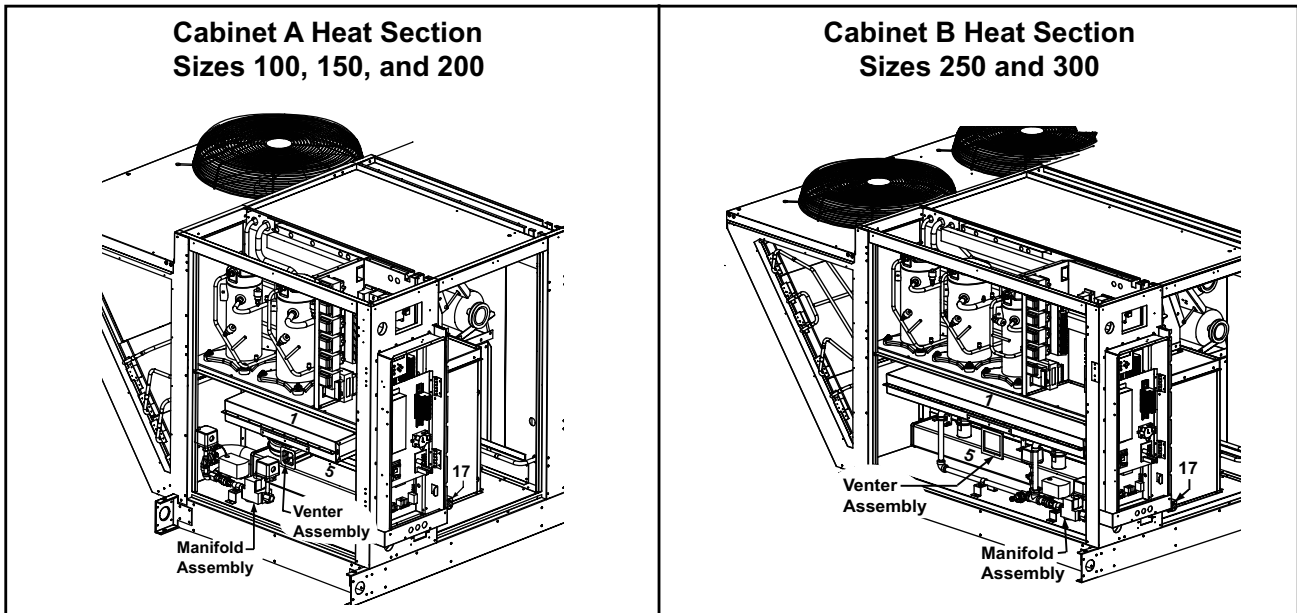


Figure 21. Cabinets A and B Gas Heat Sections (Refer to [Table 41](#))

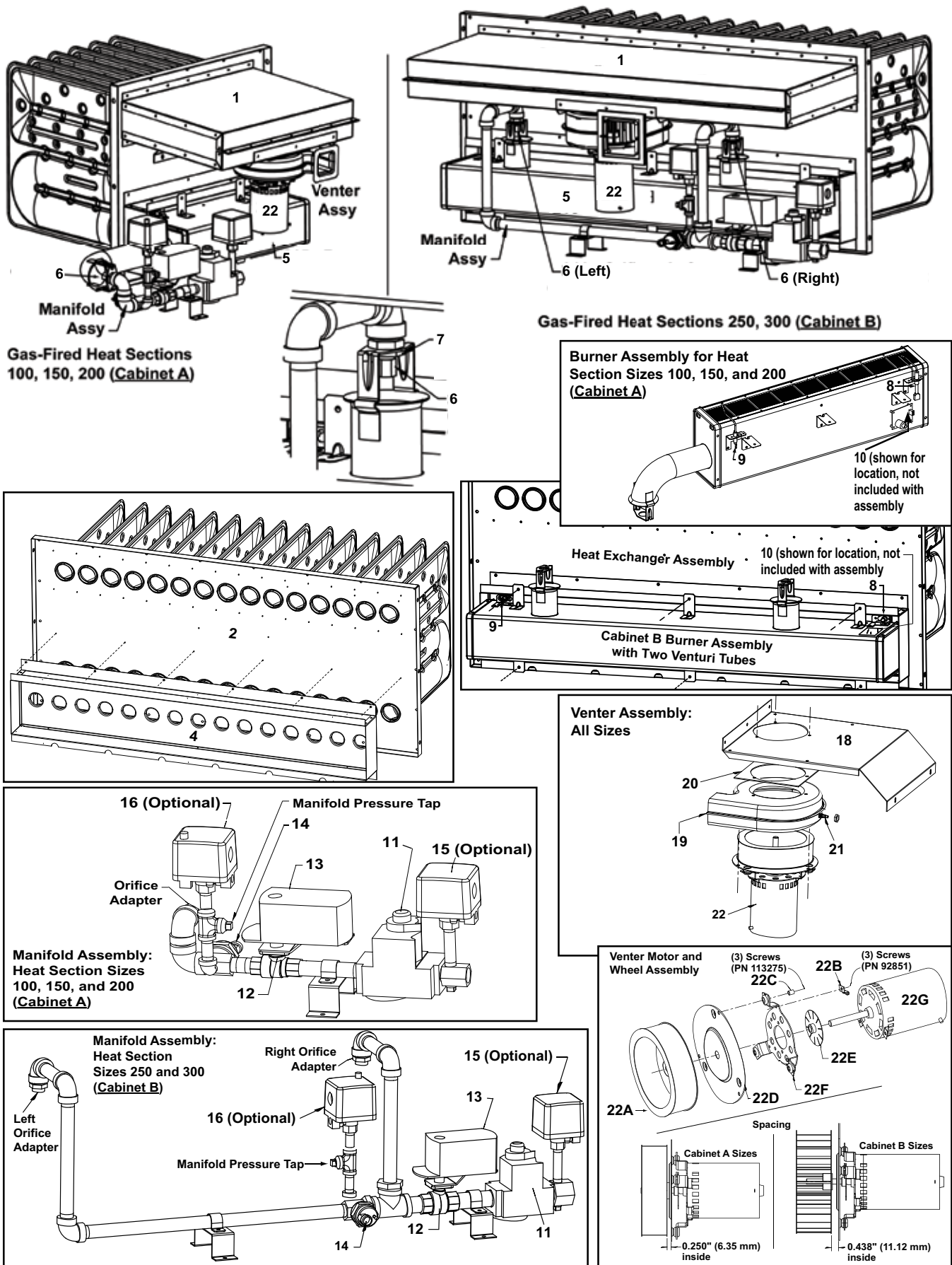


Figure 22. Cabinets A and B Gas Heat Components (Refer to Table 41)

GAS HEAT SECTION COMPONENTS (MODELS RDCB AND RDDB)—CONTINUED

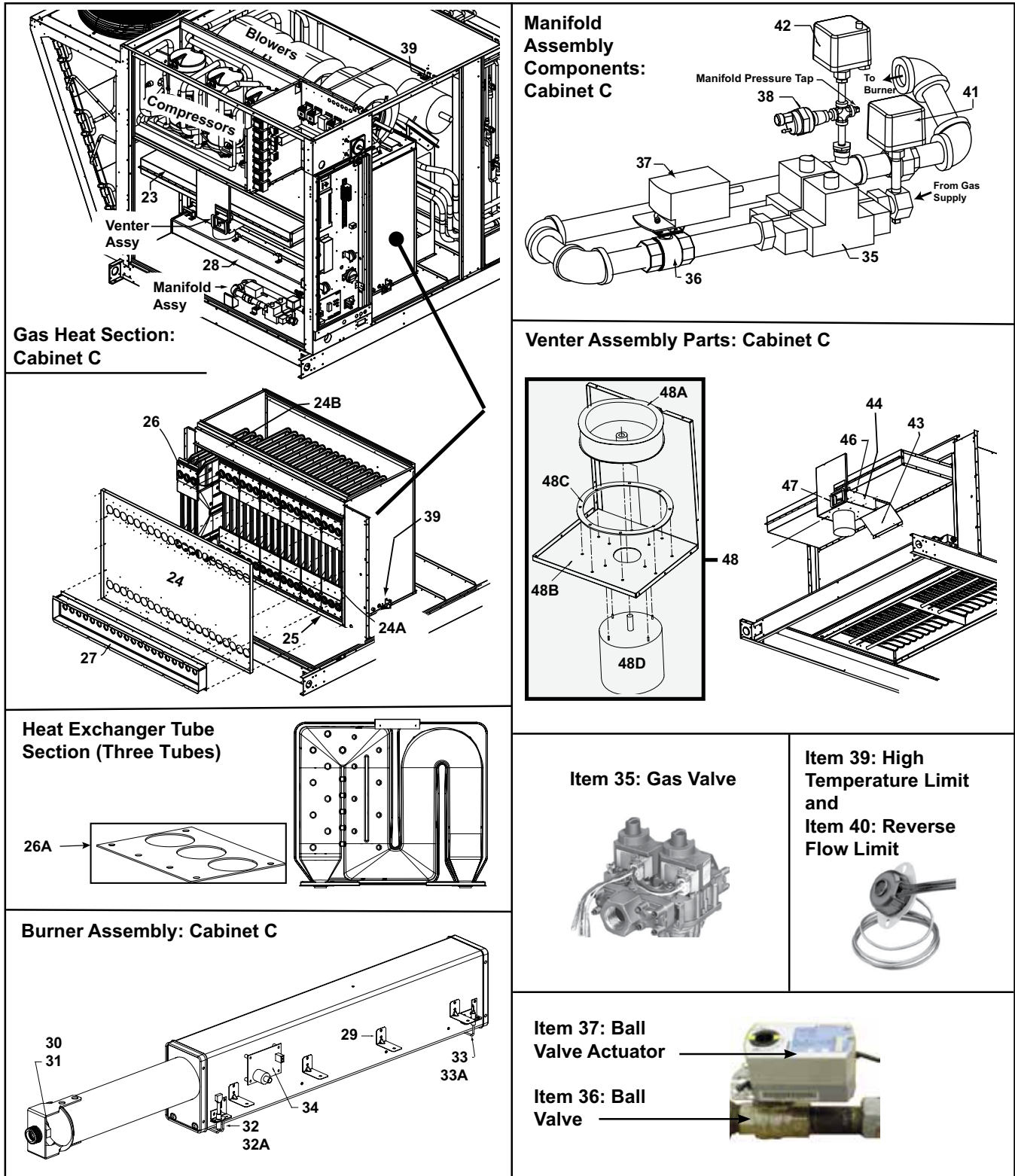


Figure 23. Cabinet C Gas Heat Section and Components (Refer to [Table 41](#))

NOTE: Cabinet D gas heat section control boards are located in the gas heat sections, but the components are listed in [Table 6](#) with other electrical components and are shown in [Figure 4](#) and [Figure 6](#).

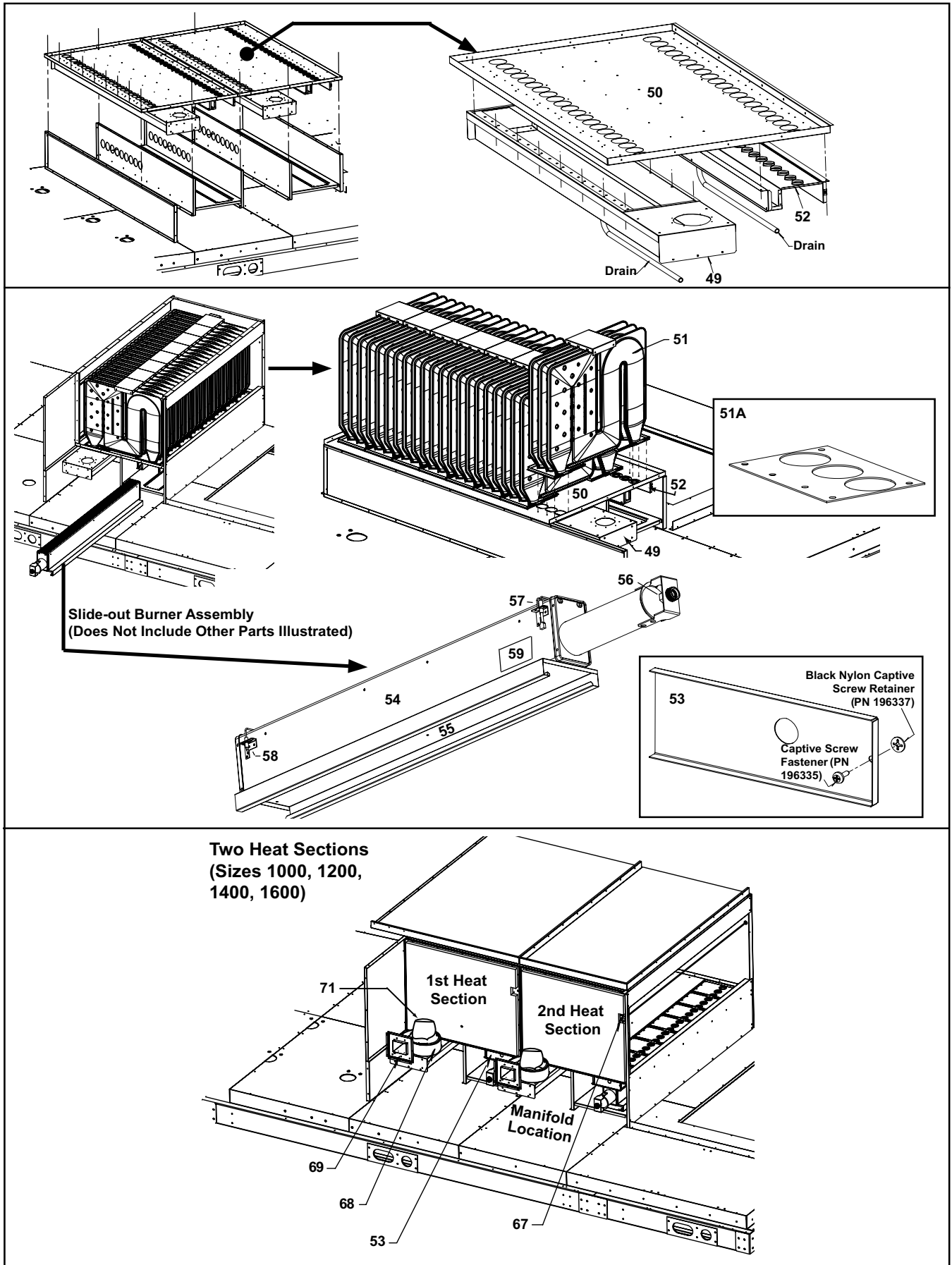


Figure 24. Cabinet D Gas Heat Sections (Refer to [Table 41](#))

GAS HEAT SECTION COMPONENTS (MODELS RDCB AND RDDB)—CONTINUED

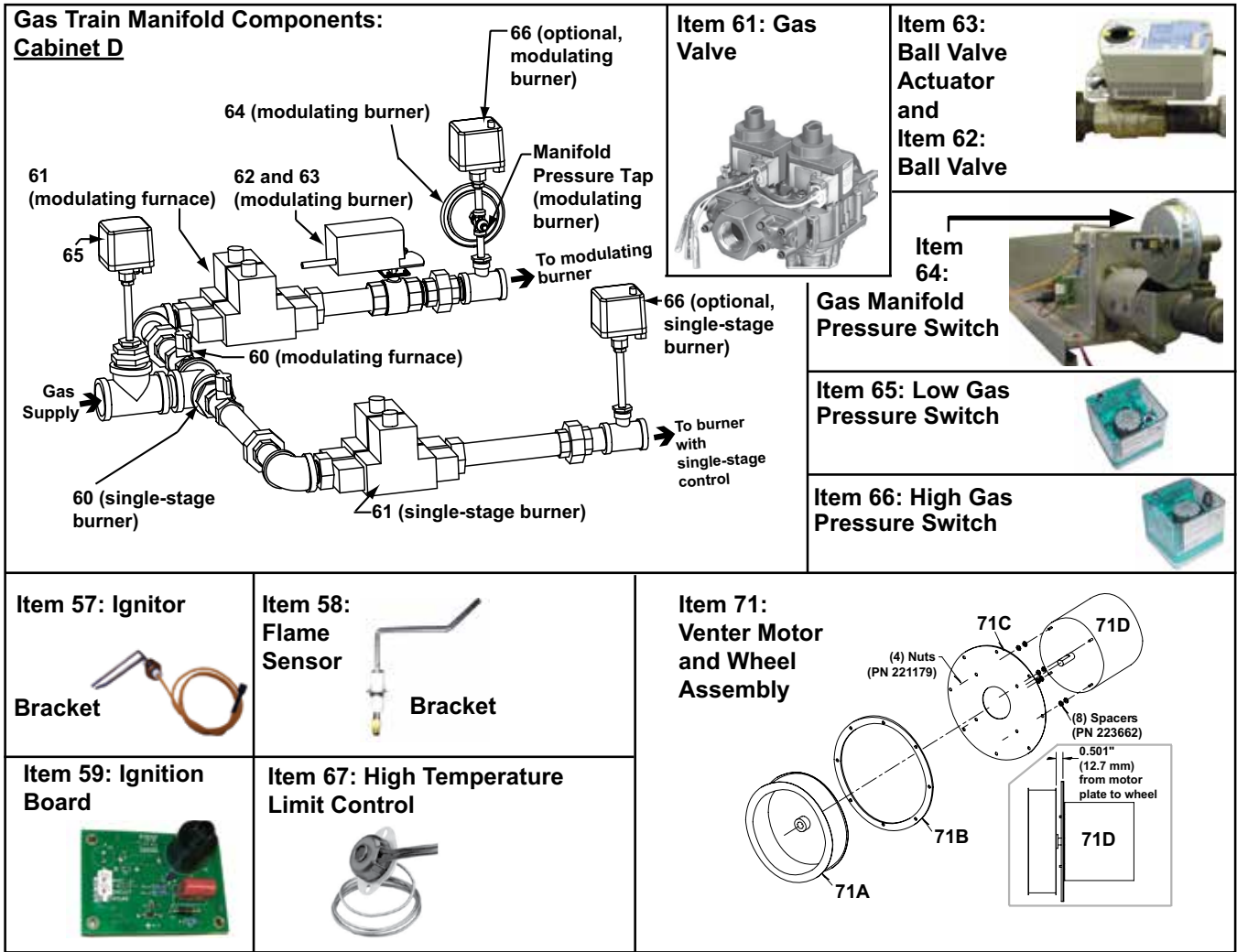


Figure 25. Cabinet D Gas Heat Components (Refer to Table 41)

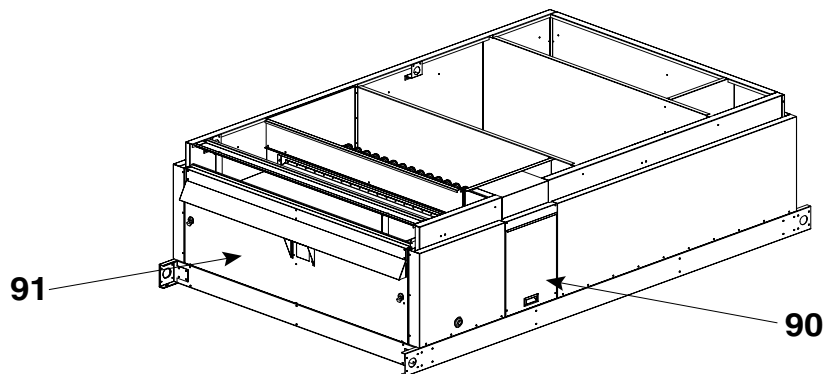


Figure 26. Cabinets B and C In-Curb Duct Furnace (Option JHUP) Cabinet (Refer to Table 41)

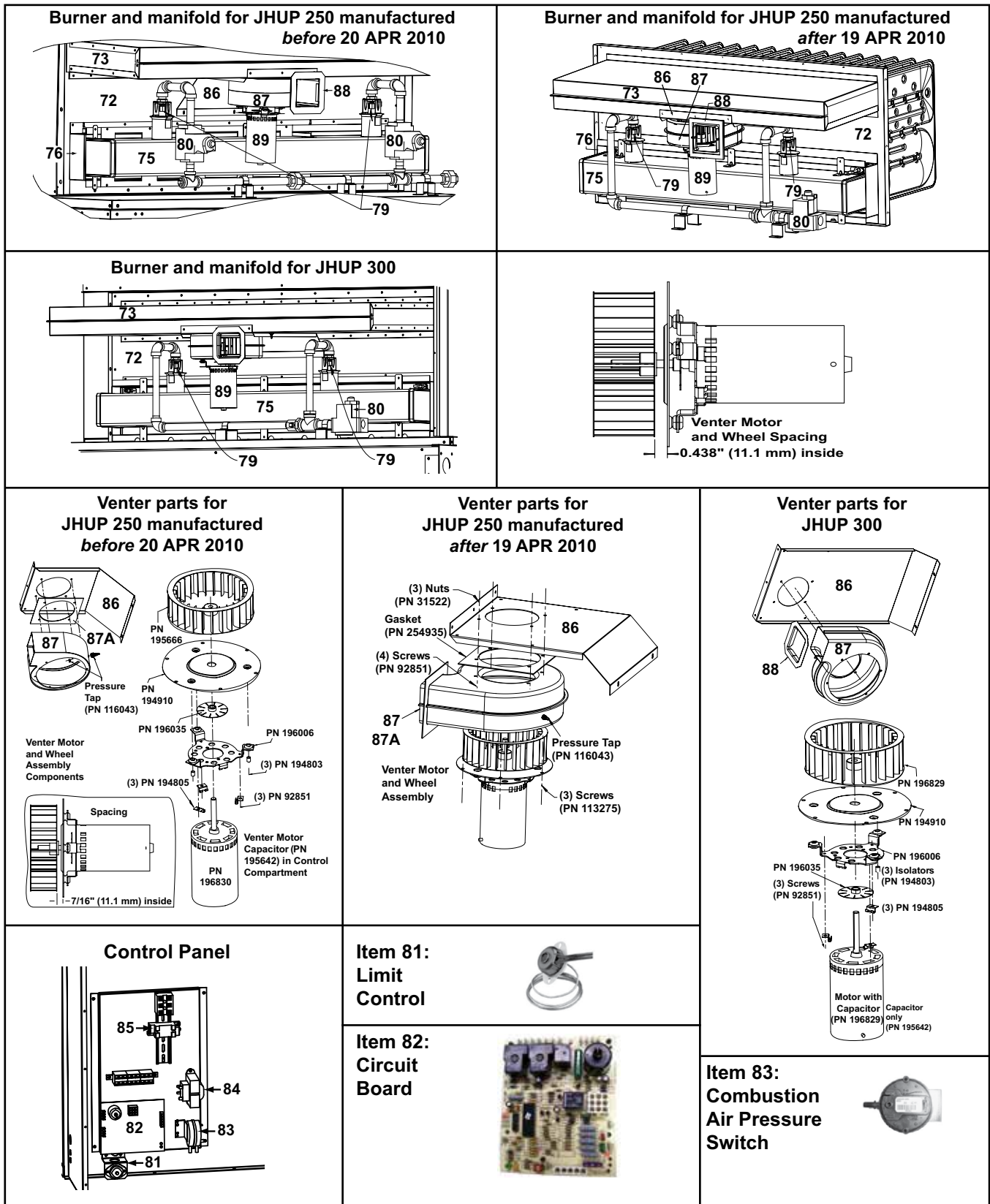


Figure 27. Cabinets B and C In-Curb Duct Furnace (Option JHUP) Components (Refer to [Table 41](#))

GAS HEAT SECTION COMPONENTS (MODELS RDCB AND RDDB)—CONTINUED

Table 41. Gas Heat Components						
Cabinets A and B						
Item No.	Component	Cabinet A			Cabinet B	
		Gas Heat Section Size				
		100	150	200	250	300
		PN (Quantity)*				
1	Flue collection box assembly	258820	258821	258822	258823	258824
2	Heat exchanger assembly, 409SS	258205	258207	258209	258211	257376
	Heat exchanger assembly, 316SS	258206	258208	258210	258212	257377
3	Gasket kit, heat exchanger header and flue collection box gaskets (not shown)	209754	209755	209756	209757	209758
4	Burner shield	258199	258200	258201	255672	257364
5	Burner assembly	258202	258203	258204	255673	257368
6	Burner orifice, natural gas, left	205430	131581	136202	208247	120158
	Burner orifice, natural gas, right				221263	136202
	Burner orifice, propane, left	120141	196898	196900	196853	205720
	Burner orifice, propane, right				196839	120153
7	Locknut, burner orifice	165702			165702 (2)	
8	Ignitor	209339				
8A	Bracket, ignitor	209989				
9	Flame sensor	222771			209973	
9A	Bracket, flame sensor	209989				
10	Ignition board, on burner	257975				
11	Gas valve, natural gas	260604			150839	
	Gas valve, propane	260606			150840	
12	Ball valve	255786			258321	
13	Ball valve actuator	222862				
14	Transducer, natural gas	257001				
	Transducer, propane	258725				
15	Low gas pressure switch, option BP4	204375				
16	High gas pressure switch, option BP4	204297				
17	High temperature limit, 22-inch	258855	—			
	High temperature limit, 60-inch	—	148588			
18	Venter assembly support	258197			258198	
19	Venter housing	205920			258825	
20	Venter housing gasket	196012			254935	
21	Static pressure tap	116043				
22	Venter motor and wheel assembly	1012056			220785	
22A	Venter wheel	1012203			195666	
22B	Venter motor clip	194805 (3)				
22C	Isolator bushing	194803 (3)				
22D	Venter motor plate	1012054			194910	
22E	Fan	195766			196035	
22F	Venter mounting bracket	196006				
22G	Venter motor	258314			196829	
22H	Gasket, for plate (not shown)	1012055			—	

*Quantity is one (1) unless otherwise indicated.

Table 41. Gas Heat Components—Continued

Cabinet C					
Item No.	Component	Gas Heat Section Size			
		400	500	600	700
		PN (Quantity)*			
23	Flue collection box assembly	254826	254827	254828	263272
23A	Flue collection box gasket (not shown)	256623 (3)	256624 (3)	256625 (6)	256626 (2)
		259380	259381	259382	259383 (2)
24	Heat exchanger header panel	254841	254842	254843	254844
24A	Heat exchanger header gasket, side	208139 (2)	208139 (2)	208139 (2)	208139 (2)
24B	Heat exchanger header gasket, top and bottom	256630 (2)	256631 (4)	256632 (4)	256633 (4)
25	Gasket, between header and heat exchanger	259380	259381	259382	259386 (2)
26	Heat exchanger section, 409SS	256619 (4)	256619 (5)	256619 (6)	256619 (7)
	Heat exchanger section, 316SS	256620 (4)	256620 (5)	256620 (6)	256620 (7)
26A	Heat exchanger section gasket	221637 (2 per module)			
27	Burner shield	254768	254769	254770	254771
28	Burner assembly	257345	257346	257347	257348
29	Burner support	196598 (8)			
30	Burner orifice	257343	257344	222884	222885
31	Locknut, burner orifice	165702			
32	Ignitor	209339			
32A	Bracket, ignitor	209989			
33	Flame sensor	222771			
33A	Bracket, flame sensor	209989			
34	Ignition board	257975			
35	Gas valve	159743			
36	Ball valve	222861			
37	Ball valve actuator	222862			
38	Transducer	257001			
39	High temperature limit, 60-inch	148588			
40	Reverse flow limit, 66-inch	151790			
41	Low gas pressure switch	204375			
42	High gas pressure switch	204297			
43	Venter assembly support	254830			
44	Venter housing	257602			
45	Static pressure tap	116043			
46	Venter side support	254831 (2)			
47	Venter outlet plate	258253			
48	Venter motor and wheel assembly	254847			
48A	Venter wheel	221172 (for units manufactured before JUL 2009)			
		222822 (for units manufactured after JUN 2009)			
48B	Venter motor plate	254832			
48C	Venter motor plate gasket	222856			
48D	Venter motor, with capacitor	257461			
	Replacement capacitor (not shown)	1024273			

*Quantity is one (1) unless otherwise indicated.

GAS HEAT SECTION COMPONENTS (MODELS RDCB AND RDDB)—CONTINUED

Table 41. Gas Heat Components—Continued									
Cabinet D									
Item No.	Component	Gas Heat Section Size							
		500	600	700	800	1000	1200	1400	1600
PN (Quantity)*									
49	Flue collection box with drain	222398	222399	222400	222401	222398 (2)	222399 (2)	222400 (2)	222401 (2)
50	Heat exchanger header panel, modulating heat section	221267	221268	221269	221270	221271	221272	221273	221274
	Heat exchanger header panel, single-stage heat section	—	—	—	—	221275	221276	221277	221278
51	Heat exchanger module, three-tube module with gaskets, 409SS	222460 (5)	222460 (6)	222460 (7)	222460 (8)	222460 (10)	222460 (12)	222460 (14)	222460 (16)
	Heat exchanger module, three-tube module with gaskets, 316SS	222461 (5)	222461 (6)	222461 (7)	222461 (8)	222461 (10)	222461 (12)	222461 (14)	222461 (16)
51A	Gasket, heat exchanger module	221637 (2 per module)							
52	Burner shield with drain	222394	222395	222396	222397	222394 (2)	222395 (2)	222396 (2)	222397 (2)
53	Burner shield end assembly	223124				223124 (2)			
54	Burner assembly	222758	222759	222760	222761	222758 (2)	222759 (2)	222760 (2)	222761 (2)
55	Burner slider	221349	221350	221351	221352	221349 (2)	221350 (2)	221351 (2)	221352 (2)
56	Burner orifice, natural gas	222883	222884	222885	222886	222883 (2)	222884 (2)	222885 (2)	222886 (2)
57	Ignitor	209339				209339 (2)			
58	Flame sensor	222771				222771 (2)			
59	Burner ignition board	257975							
60	Manual shutoff valve	159725				159725 (2)			
61	Gas valve, natural gas	159743				159743 (2)			
62	Ball valve	222861							
63	Ball valve actuator	222862							
64	Gas manifold pressure switch	211130							
65	Low gas pressure switch	204375							
66	High gas pressure switch	204297				204297 (2)			
67	High temperature limit control, with 60-inch capillary	148588							
68	Venter housing	257602				257602 (2)			
69	Venter adapter	223022				223022 (2)			
70	Static pressure tap (not shown)	116043				116043 (2)			
71	Venter motor and wheel assembly, modulating heat section	222857			222858	222857			222858
	Venter motor and wheel assembly, single-stage heat section	—				223387			223388
71A	Venter wheel	221172			222822	221172			222822
71B	Venter motor plate gasket	222856							
71C	Venter motor plate	223456							
71D	Venter motor, with capacitor (replacement capacitor is PN 1024273)	257461							
	Venter motor, with capacitor, for single-stage heat sections (replacement capacitor is PN 259476)	—				222443			

*Quantity is one (1) unless otherwise indicated.

Table 41. Gas Heat Components—Continued

Cabinets B and C In-Curb Duct Furnace (Option JHUP)

Item No.	Component	JHUP 250 Cabinet B with Gas Heat Section Size 250		JHUP 300 Cabinet C with Gas Heat Section Size 700
		Manufactured Before 20 APR 2010	Manufactured After 19 APR 2010	
		PN (Quantity)*		
72	Heat exchanger assembly, 409SS	204518	258211	257376
	Heat exchanger assembly, 316SS	204523	258212	257377
73	Collection box assembly	204533	258823	257359
74	Heat exchanger gasket kit, heat exchanger header and flue collection box gaskets (not shown)	209757		209758
75	Burner assembly, natural gas**	256638	259758	257368
	Burner assembly, propane**	256667		—
76	Burner shield assembly	256637	—	257364
77	Ignitor (not shown)	209990		
77A	Bracket, ignitor (not shown)	209989		
78	Flame sensor (not shown)	222771	209973	222771
78A	Bracket, flame sensor (not shown)	209989	209989	209989
79	Orifice, natural gas, left	208247		120158
	Orifice, natural gas, right	221263		136202
	Orifice, propane, left	196853		—
	Orifice, propane, right	196839		
80	Gas valve, natural gas	196980 (2)	150839	196981
	Gas valve, propane	196982 (2)	150840	—
81	Limit control	148588		
82	Circuit board	195573		
83	Pressure switch, combustion air	196362		
84	Transformer	194536		
85	Relay, 24V	211411		
85A	Socket, relay	211415		
86	Venter assembly support	205747	258198	222123
87	Venter housing	195634	258825	257029
87A	Gasket, venter housing	196013	254935	—
88	Venter discharge plate	205059	258824	257363
89	Venter motor and wheel assembly	209411	220785	
90	Control door panel	216144	257356	
91	Heat section access panel	255270	257212	
92	A/D converter four-stage, sequencer (not shown)	—	222755	

*Quantity is one (1) unless otherwise indicated.

**Also applicable to JHUP 264 cabinets A, B, and C.

ELECTRIC HEAT MODULES (MODELS RECB AND REDB)

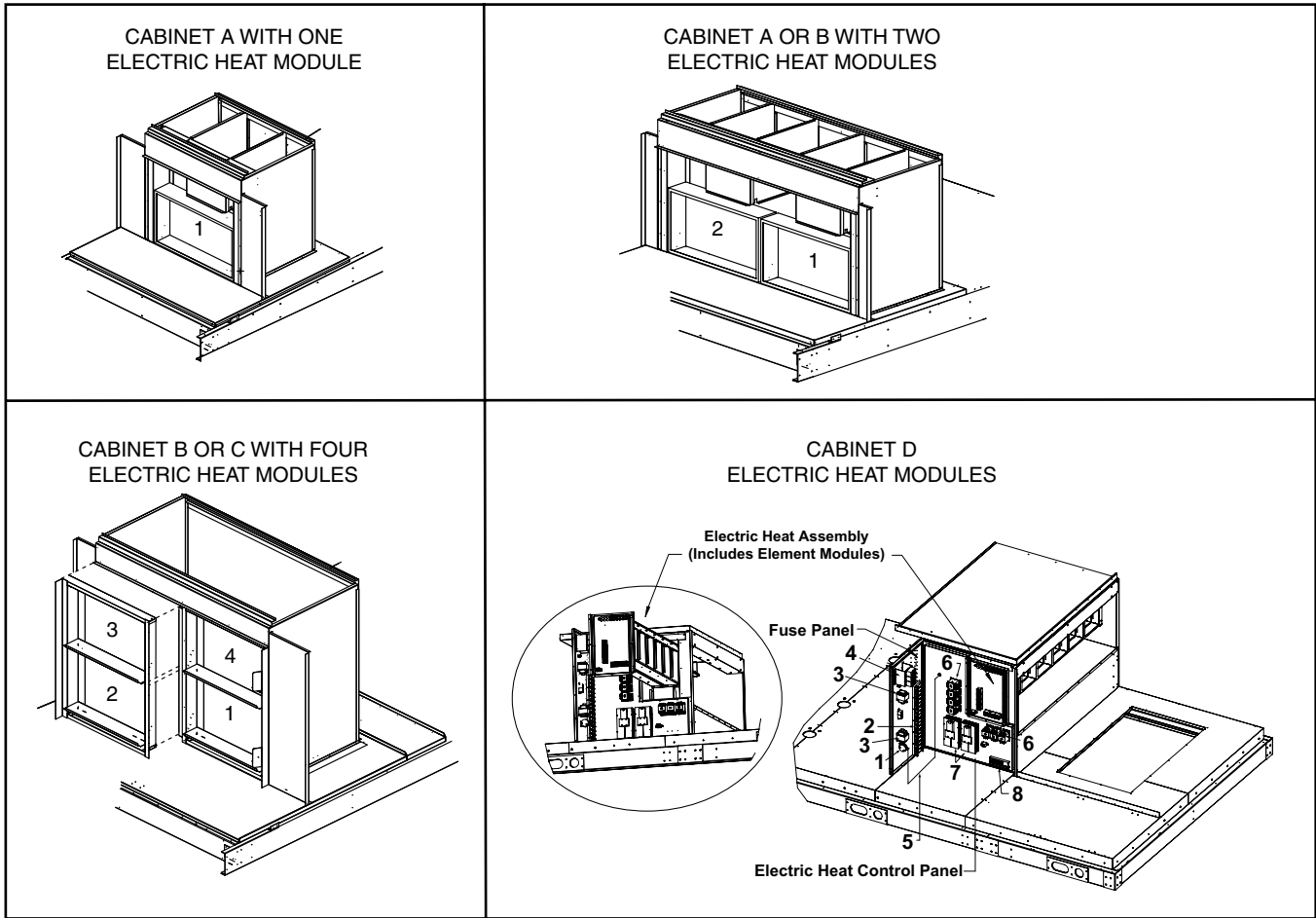


Figure 28. Electric Heat Modules (Refer to [Table 42](#), [Table 43](#), and [Table 44](#))

Table 42. Electric Heat Modules

Cabinet	Heat Section Size	Voltage			Position (See Figure 28)
		240V	480V	575V	
		PN (Quantity)*			
A	10S	207531	207532	207540	1
	15S	207533	207534	207541	1
	20S	207535	207536	207542	1
	24S	—	207537	207543	1
	15	207529	207530	207539	1
		207531	207532	207540	2
	20	207529	207530	207539	1
		207533	207531	207541	2
	25	207531	207532	207540	1
		207533	207534	207541	2
	30	207531	207532	207540	1
		207535	207536	207542	2
	35	207533	207534	207541	1
	39	207535	207536	207542	2

*Quantity is one (1) unless otherwise indicated.

Table 42. Electric Heat Modules—Continued

Cabinet	Heat Section Size	Voltage			Position (See Figure 28)
		240V	480V	575V	
		PN (Quantity)*			
B	15	207529	207530	207539	1
		207531	207532	207540	2
	20	207529	207530	207539	1
		207533	207534	207541	2
	25	207531	207532	207540	1
		207533	207534	207541	2
	30	207531	207532	207540	1
		207535	207536	207542	2
	35	207533	207534	207541	1
		207535	207536	207542	2
	39	—	207534	207541	1
			207537	207543	2
	50	207531	207532 (2)	207540 (2)	1 and 2
		207533	207534 (2)	207541 (2)	3 and 4
	60	207531	207532 (2)	207540 (2)	1 and 2
		207535	207536 (2)	207542 (2)	3 and 4
75	—	207534	207541	1	
		207537	207543	2	
88	—	207536 (2)	207542 (2)	1 and 2	
		207537 (2)	207543 (2)	3 and 4	
C	39	—	207534	207541	1
			207537	207543	2
	50	207533	207534 (2)	207541 (2)	3 and 4
		207531	207532 (2)	207540 (2)	1 and 2
	60	207531	207532 (2)	207540 (2)	1 and 2
		207535	207536 (2)	207542 (2)	3 and 4
	75	—	207536 (3)	207542 (3)	2, 3, and 4
			207534	207541	1
88	—	207537 (2)	207543 (2)	3 and 4	
		207536 (2)	207542 (2)	1 and 2	
Cabinet	Voltage	Heat Section Size	Electric Heat Assembly	Element Module	
D	208–240V	120	259225	221705 (12)	
		180	259226	221705 (18)	
	480V	120	259231	221706 (12)	
		180	259232	221706 (18)	
	575V	120	259227	221707 (12)	
		180	259230	221707 (18)	

*Quantity is one (1) unless otherwise indicated.

ELECTRIC HEAT MODULES (MODELS RECB AND REDB)—CONTINUED

Table 43. Electric Heat Module Replacement Parts (Cabinets A, B, and C)

Electric Heat Module	Rack Assembly	Element	Manual Overload	Fuse Block	Fuse	Contactor	Terminal Board	Limit Control**	
PN (Quantity)*									
207529	211499	211500	211503 (3)	211485	211047	15A: 211486 (3)	211496	211498	
207530			211507 (3)		211049	15A: 211490 (3)			
207531			211504 (3)		211048	35A: 211487 (3)			
207532			211508 (3)		211049	15A: 211490 (3)			
207533			211505 (3)		211048	50A: 211488 (3)			211497
207534			211509 (3)		211049	25A: 211492 (3)			211496
207535	211501	211502	211506 (9)		211048	60A: 211489 (3)	211497		
207536	211499	211500	211510 (3)		211049	211050	35A: 211494 (3)		211496
207537			211511 (3)			40A: 211495 (3)			
207539			211512 (3)			15A: 211490 (3)			
207540			211513 (3)			20A: 211491 (3)			
207541			211514 (3)			25A: 211492 (3)			
207542			211515 (3)	30A: 211493 (3)					
207543	211516 (3)								
*Quantity is one (1) unless otherwise indicated.									
**10C91									

Table 44. Cabinet D Electric Components

Item No.	Component	Heat Section Size	Voltage			
			208V or 240V	480V	575V	
			PN (Quantity)*			
Fuse Panel Components						
1	Pressure switch	120	197031			
		180				
2	Fuse, 250V	120	207617 (18)	—		
		180	207617 (27)			
	Fuse, 600V	120	207627 (12)			
		180	—	207627 (18)		
3	Transformer, 75VA	120	208989 (2)		258912 (2)	
		180				
4	Distribution block	120	223495 (3)	222673 (3)		
		180	259881	223495 (3)	222673 (3)	
Control Panel Components						
5	Sensing tube assembly	120	111733			
		180				
6	Contactor, 25A	120	216386 (2)	—		
		180	(replaces 119625)			
	Contactor, 40A	120	—	216387 (4) (replaces 223021)		
		180	—	216387 (6) (replaces 223021)		
	Contactor, 50A	120	216388 (5) (replaces 208375)	—		
		180	216388 (8) (replaces 208375)	216387 (6) (replaces 223021)	—	
7	SCR module	120	234057	220688	234058	
		180				
8	A/D converter (sequencer), two-stage	180	259235	—		
	A/D converter (sequencer), four-stage	120	—	222755		
		180	—	222755		
	A/D converter (sequencer), eight-stage	120	259224	—		
		180	259224		—	
*Quantity is one (1) unless otherwise indicated.						

EXTERNAL CABINET PARTS

NOTE: A limited number of cabinet parts are listed. If additional replacement parts are needed, contact your Factory Distributor.

CABINETS A, B, AND C

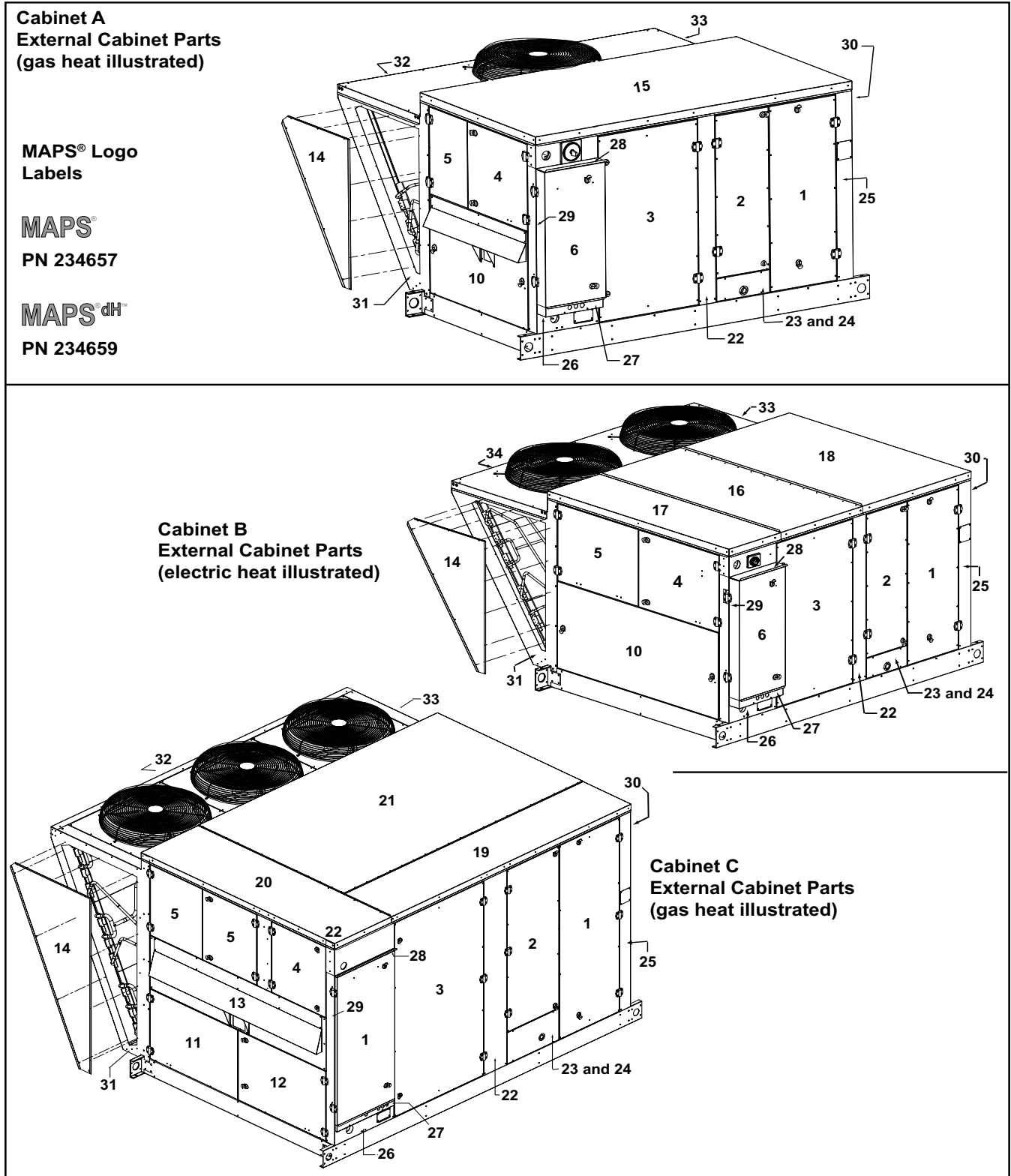


Figure 29. External Cabinets—Cabinets A, B, and C (Refer to [Table 45](#))

EXTERNAL CABINET PARTS—CONTINUED

CABINETS A, B, AND C—CONTINUED

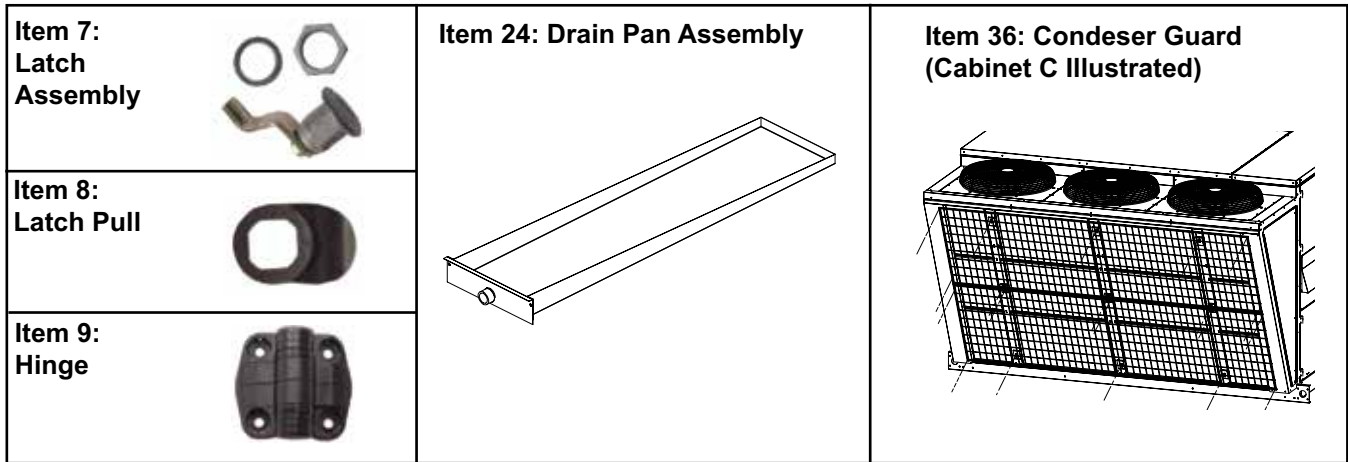


Figure 30. External Cabinet Parts—Cabinets A, B, and C (Refer to [Table 45](#))

Table 45. External Cabinet Parts (Cabinets A, B, and C)				
Item No.	Component	Cabinet		
		A	B	C
		PN (Quantity)*		
1	Filter access door assembly	256683		254222
2	Coil access door assembly	256686		254220
3	Blower door assembly	204503		208113
4	High voltage control door assembly	204505	204506	208118 (2)
5	Compressor door assembly	204507	204508	208117
6	Low voltage control door assembly	257232		257230
7	Latch assembly**	204469		
8	Latch pull**	204470		
9	Hinge**	158800		
10	Heat section access panel, gas heat panel with intake	204509	257212	—
	Heat section access panel, electric heat or no heat	205123	205124	258379
11	Heat section access panel, hinged, gas heat access, left	—		208116
12	Heat section access panel, hinged, gas heat access, right			258376
13	Combustion air intake panel, gas heat			222589
	Combustion air intake panel, electric heat or no heat	208397		
14	Condenser access panel	256163		257767
15	Top panel, one-piece	258443	—	
16	Top panel, blower section	—	256719	—
17	Top panel, compressor and high voltage compartments	—	256721	—
18	Top panel, coil and filter sections	—	256723	—
19	Top panel, side	—		254224
20	Top panel, front	—		255129
21	Top panel, left	—		254225
22	Center post cover	256678		254219
23	Drain cover	256680		255131
24	Drain pan assembly, removable for cleaning	256793	256792	255073
25	Rear corner cover	256291		254218
26	Front corner cover	256287		266006
27	Field connection panel	257789		208023
28	Control door frame top and bottom	257791 (2)		208022 (2)

*Quantity is one (1) unless otherwise indicated.

**Items 7/8 are part of heat section access panel on cabinets A and B. Items 7/8/9 are part of heat section access panel on cabinet C.

Table 45. External Cabinet Parts (Cabinets A, B, and C)—Continued

Item No.	Component	Cabinet		
		A	B	C
		PN (Quantity)*		
29	Control door frame side	257793 (2)		208021 (2)
30	Inlet end panel assembly, outside air/no exhaust (options AR1 and AR8)	256708	256709	255397
	Inlet end panel assembly, outside and return air mod dampers (option AR25)	256710	256711	
	Inlet end panel assembly, outside air with or without return air, with exhaust (options AR2D, AR2G, and AR2H)	256712	256713	255396
	Inlet end panel assembly, with energy recovery (option ERMA with 1-HP motor)	261609	—	
	Inlet end panel assembly, with energy recovery (option ERMB with 1.5-HP motor)	—	261301	—
	Inlet end panel assembly, with energy recovery (option ERMB with 3-HP motor)	—	261355	—
	Inlet end panel assembly, with energy recovery (option ERMC with 3-HP motor and 3500–5000 CFM)	—		260992
	Inlet end panel assembly, with energy recovery (option ERMC with 3- or 5-HP motor and 5001–8000 CFM)	—		260993
31	Condenser end plate, access panel end	256106	255123	
32	Condenser top horizontal support assembly	258431	256118	
33	Condenser end plate, solid end	256107	255124	
34	Vertical coil support (see)	261126 (3) (replaces 256104 <i>after</i> JAN 2011)		255120 (3)
35	Condenser top (not shown)	Refer to Table 26		
36	Condenser guard (option AZ11) (also available on cabinet D)	258801	257189	
37	Touch-up paint, white, 11-oz spray can (not shown)	201805		

*Quantity is one (1) unless otherwise indicated.

CABINET D

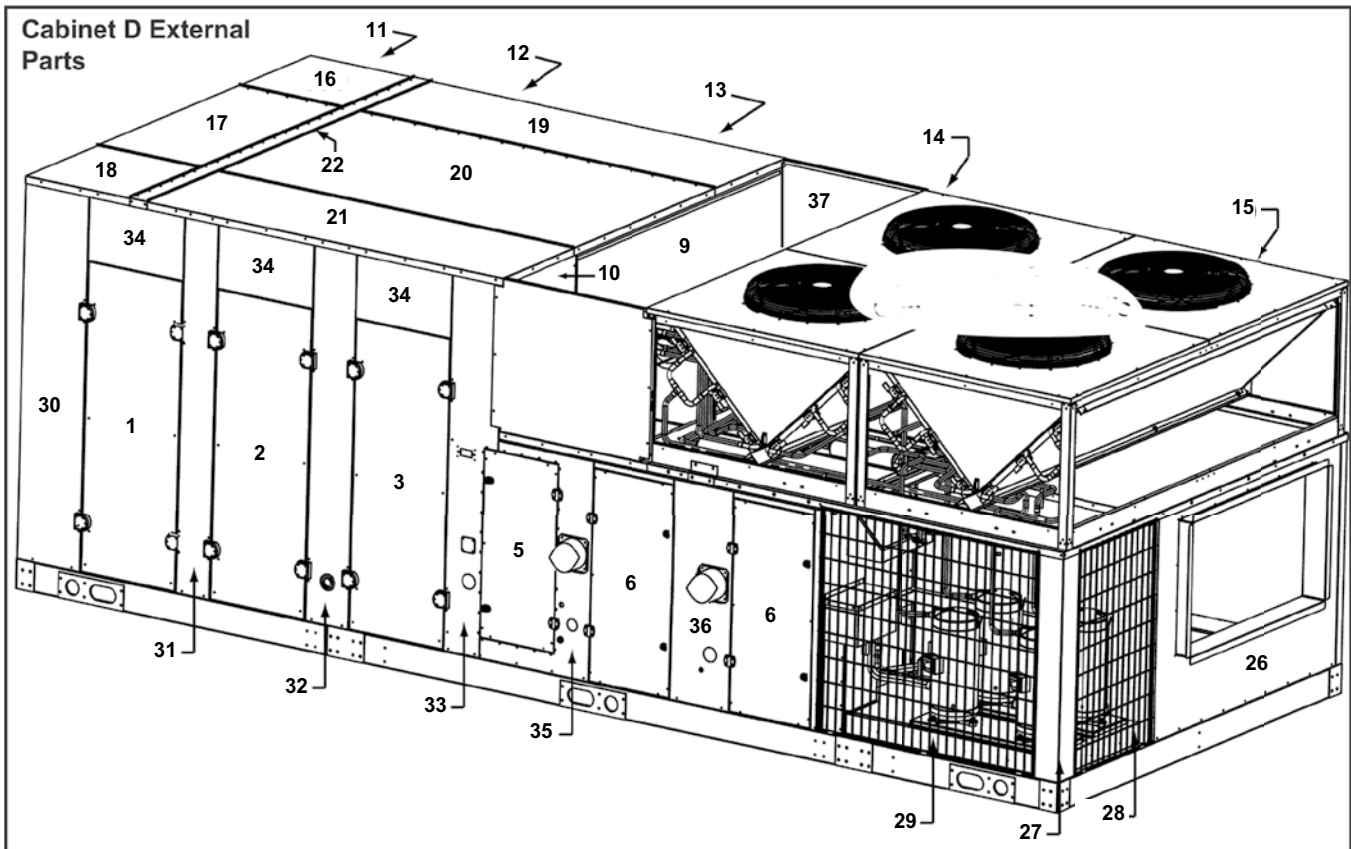


Figure 31. External Cabinet—Cabinet D (Refer to [Table 46](#))

EXTERNAL CABINET PARTS—CONTINUED

CABINET D—CONTINUED

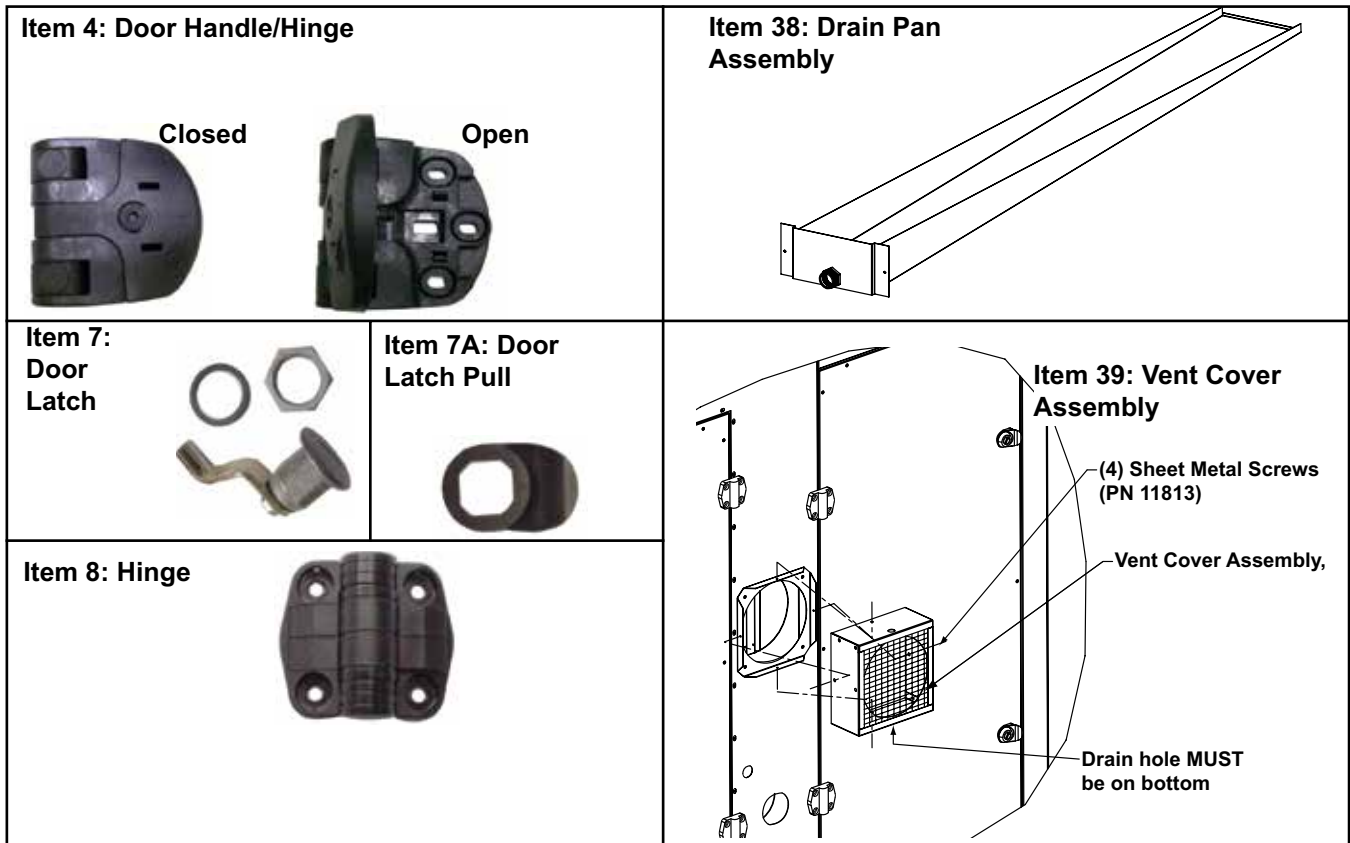


Figure 32. External Cabinet Parts—Cabinet D (Refer to Table 46)

Table 46. External Cabinet Parts (Cabinet D)

Item No.	Component	PN (Quantity)*
1	Mixing box door assembly	222430
2	Coil section door assembly	222430
3	Fan/motor section door assembly	222430
4	Door handle/hinge, allows door to be opened from either side, part of item 1, 2, or 3	222433 (4)
5	Control door assembly	222707
6	Heat section door assembly, heat sections 500, 600, 700, and 800	222708
6	Heat section door assembly, heat sections 1000, 1200, 1400, and 1600	222708 (2)
7	Door latch, part of item 5 or 6	222710
7A	Door latch pull, part of item 5 or 6	222711
8	Hinge	158800
9	Vertical blower outer cover, heat sections 1000, 1200, 1400, and 1600	221825
10	Vertical blower/tubing cover, heat sections 1000, 1200, 1400, and 1600	221817
11	Non-control side outer panel, mixing box corner	221797
12	Non-control side outer panel, coil section	221796
13	Non-control side outer panel, blower section	221800
14	Non-control side outer panel, heat sections 500, 600, 700, and 800	221798
14	Non-control side outer panel, heat sections 1000, 1200, 1400, and 1600	221799
15	Non-control side outer panel, corner wall, horizontal discharge	221426
15	Non-control side outer panel, outer wall, vertical discharge	221422
16	Top outer panel, top rear right	221819
17	Top outer panel, top rear center	221820
18	Top outer panel, top rear left	221818
19	Top outer panel, top front right	221822
20	Top outer panel, top front center	221823
21	Top outer panel, top front left	221821

*Quantity is one (1) unless otherwise indicated.

Table 46. External Cabinet Parts (Cabinet D)—Continued

Item No.	Component	PN (Quantity)*
22	Top splice	221824
23	Inlet air end outer wall, right (not shown)	221801
24	Inlet air end outer wall, left (not shown)	221802
25	Discharge end panel, horizontal discharge (not shown)	221423
26	Discharge end panel, vertical discharge	221422
27	Front corner post	221492
28	Compressor guard end section	223215
29	Compressor guard side section	223214
30	Rear corner outer cover	221807
31	Filter post outer cover	221806
32	Coil section post outer cover	221803
33	Control post outer cover (not shown)	221812
34	Above-the-door panel	221810 (3)
35	Control outer wall	221827
36	Vent post	221826
37	Condenser filler cover, heat sections 500, 600, 700, and 800 (in option AYP2)	223033 (2)
38	Drain pan assembly, removable for cleaning	222500
39	Vent cover assembly, gas heat sections 500, 600, 700, and 800	222614
	Vent cover assembly, gas heat sections 1000, 1200, 1400, and 1600	222614 (2)
40	Touch-up paint, white, 11-oz spray can (not shown)	201805

*Quantity is one (1) unless otherwise indicated.

ROOF CURBS

Table 47. Roof Curbs

Curb Type	Cabinet	Model	Cooling Size	Heating Size	Same as Option CJ_ Without Energy Recovery Module		Same as Option CJ_ with Energy Recovery Module			
					Option*	PN	Option*	PN		
Vertical (down) supply	A	RCB, RDB; RCC, RDC	All	Cooling only	CJ31	205661	CJ34	262479		
		RECB, REDB; RECC, REDC		All electric				262479		
		RDCB, RDDB; RDCC, RDDC		Gas 100				262478		
		RDCB, RDDB; RDCC, RDDC		Gas 150				262479		
		RDCB, RDDB; RDCC, RDDC		Gas 200				262480		
	B	RCB, RDB; RCC, RDC		Cooling only				205664	262482	
		RECB, REDB; RECC, REDC		All electric				205664	262482	
		RDCB, RDDB; RDCC, RDDC		Gas 250				205663	262481	
		RDCB, RDDB; RDCC, RDDC		Gas 300				205664	262482	
		C		RCB, RDB; RCC, RDC				190, 216, 248, 262, 272, 288	Cooling only	208854
	RCB, RDB; RCC, RDC			298, 410, 354, 370, 468, 482				Cooling only	208856	262485
	RDCB, RDDB; RDCC, RDDC			Gas 400				208854	262483	
				Gas 500				208855	262484	
				Gas 600				208856	262485	
RECB, REDB; RECC, REDC	Gas 700	208857	262486							
	All electric	208856	262485							
Horizontal supply	A	RCB, RDB; RCC, RDC	All	Cooling only	CJ50	261699	CJ54	262533		
		RECB, REDB; RECC, REDC		All electric				262533		
		RDCB, RDDB; RDCC, RDDC		All gas				262533		
	B	RCB, RDB; RCC, RDC		Cooling only				261700	262534	
		RECB, REDB; RECC, REDC		All electric				261700	262534	
		RDCB & RDDB; RDCC, RDDC		All gas				261700	262534	
	C	RCB, RDB; RCC, RDC		Cooling only				261701	262535	
		RDCB, RDDB; RDCC, RDDC		All gas				261701	262535	
		RECB, REDB; RECC, REDC		All electric				261701	262535	
Vertical (down) supply	D	RCB, RDB	Cooling only	CJ3	223041	—				
		RECB, REDB	All electric				223041			
		RDCB, RDDB	Gas 500–800				223041			
			Gas 1000–1600				223042			

*Option is listed for reference. When ordering, use the roof curb PN.



**R-410A
Refrigerant**



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