

REPLACEMENT PARTS FOR Y (P125) SERIES

DISCONTINUED MODELS YDHA, YDMA, YDSA, AND YWMA



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IMPORTANT

- Always include complete model and serial number so that any specification change can be considered for parts replacement. It can save time and expense.
- In keeping with our policy of continuous product improvement, we reserve the right to alter any information shown here.
- Order by Part Number (PN) not by option designation.

WE RESERVE THE RIGHT TO SUBSTITUTE FUNCTIONAL REPLACEMENTS.

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 CONFIGURATIONS

Models YDHA, YDMA, and YDSA are available in the following cabinet and unit size configurations:

Model YDHA:

- Cabinet size 0 (DX cooling, unit sizes 062 and 092)
- Cabinet size 1 (DX cooling, unit sizes 060, 090, 120, and 150)
- Cabinet size 2 (DX cooling, unit sizes 180, 210, and 240)
- Cabinet size 3 (DX cooling, unit sizes 300 and 360)

Model YDMA:

- Cabinet size 0 (DX cooling, unit sizes 062 and 092)
- Cabinet size 1 (DX cooling, unit sizes 060, 090, 120, and 150)
- Cabinet size 2 (DX cooling, unit sizes 180, 210, and 240)
- Cabinet size 3 (DX cooling, unit sizes 300 and 360)

Model YDSA:

- Cabinet size 2 (unit sizes 120 and 150)
- Cabinet size 3 (unit sizes 180 and 210)

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. []					
[D] VOLTS +/- 10% [D] PHASE [D] HZ					
MINIMUM CIRCUIT AMPACITY (MCA) [F] AMPS					
MAXIMUM FUSE SIZE/*CKT BREAKER [G] AMPS					
SHORT-CIRCUIT CURRENT: 5,000 A RMS SYMMETRICAL [D] V MAX.					
MAXIMUM OUTLET TEMPERATURE [X]					
SUPPLY AIR BLOWER MOTOR	QTY	FLA (EA)	HP (EA)		
	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 LOW ENTHALPY	[GG]	[HH]	[JJ]		
COMPRESSOR HIGH ENTHALPY	[KK]	[LL]	[MM]		
	CIRCUITS	A	B	C	D
		LE	HE		
REFRIGERANT - R-410a CHARGE - LBS	[V]	[W]	[X]	[Y]	[NN] [PP]
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					
WIRE DIAGRAM [FF]					
*HACR TYPE REQUIRED PER NEC					
CLEARANCES TO COMBUSTIBLE CONSTRUCTION AND FOR SERVICE:					
TOP - 60", CONDENSER SIDE - 48"					
CONTROL SIDE WITH GAS HEAT - 84"					
CONTROL SIDE WITH ELECT OR NO HEAT - 36"					
BOTTOM - 0", INLET AIR SIDE - 24", COIL/FILTER ACCESS SIDE - 72"					

A = Model
 B = Manufacturing date (month/year)
 C = Blower motor HP
 D = Volts/phase/Hertz
 E = Blower motor Full Load Amps (FLA)
 F = Minimum Circuit Ampacity (MCA)
 G = Maximum fuse size (MOP)
 H = Compressor A quantity
 I = Compressor A rated load amps
 J = Compressor A locked rotor amps
 K = Compressor B quantity
 L = Compressor B rated load amps
 M = Compressor B locked rotor amps
 N = Compressor C quantity
 O = Compressor C rated load amps
 P = Compressor C locked rotor amps
 Q = Compressor D quantity
 R = Compressor D rated load amps

S = Compressor D locked rotor amps
 V = Circuit A refrigerant charge (lb)
 W = Circuit B refrigerant charge (lb)
 X = Circuit C refrigerant charge (lb)
 Y = Circuit D refrigerant charge (lb)
 Z = Condenser fan motor HP
 CC = SCFM airflow
 DD = External static pressure (IN WC)
 FF = Wiring diagram number
 GG = Compressor low enthalpy quantity
 HH = Compressor low enthalpy rated load amps
 JJ = Compressor low enthalpy locked rotor amps
 KK = Compressor high enthalpy quantity
 LL = Compressor high enthalpy rated load amps
 MM = Compressor high enthalpy locked rotor amps
 NN = RPLE circuit refrigerant charge (lb)
 PP = RPHE circuit refrigerant charge (lb)

RATING PLATE—CONTINUED

Optional Gas Heat Section Sample Rating Plate and Key

MERCER, PA USA 16137	
MADE IN U.S.A.	
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: []	
230 VOLTS 1 PH 60 HZ	MAXIMUM TOTAL INPUT [D] AMPS
	CONSUMMATION TOTALE MAX DE [D] AMPS
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.	
CONSUMMATION MAXIMUM / MINIMUM [M] / [N] PI3/MN	

- AA, A = ANSI standard and date
- AA1, A1 = CSA standard and date
- C = Model number
- D = Voltage
- E = Type of gas (natural)
- F = Orifice size
- H = Normal BTUh input (sea level)
- I = Thermal BTUh output (sea level)
- J = Minimum BTUh input (sea level)
- K = Manifold pressure
- L = Minimum gas supply pressure
- M = Maximum throughput
- N = Minimum throughput
- P = Manufacturing date (month/year)
- Q = Altitude (feet)
- R = Altitude (meters)

SERIAL NUMBER

Serial number format changed in June of 2015. Use the following information to decode system serial numbers:

decoding a system serial number for all models *before* jun 2015

Serial No. Sample: 3 BIJ 789 BK 08 N 96 7D
 Elements of No.: 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8

Elements 1 through 5 apply to all models.

Elements 6 through 8 apply to models with a gas heat section (YDHA, YDMA, and YDSA).

Key:

- 1 = Phase (1 or 3)
- 2 = Date code (refer to [Table 1](#))
- 3 = Consecutive number
- 4 = Not applicable
- 5 = Supply fan motor horsepower (refer to [Table 2](#))
- 6 = Type of gas—models YDHA, YDMA, and YDSA (N = natural, L = propane)
- 7 = Ignition code—models YDHA, YDMA, and YDSA (refer to *P-Valves* manual found at www.reznorhvac.com)
- 8 = Valve code—models YDHA, YDMA, and YDSA (refer to *P-Valves* manual found at www.reznorhvac.com)

Decoding a System Serial Number for ALL Models *after* May 2015

Serial No. Sample: BOG 3062 00000
 Elements Key No.: 1 | 2 | 3

Key:

- 1 = Date code (refer to [Table 1](#))
- 2 = Plant of manufacture (3060 = Mercer, 3062 = Monterrey)
- 3 = Consecutive number

Table 1. Serial Number Date Codes (Month and Year)

Year	Month											
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
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	BTB	BTB	BTC	BTB	BTE	BTF	BTG	BTH	BTI	BTJ	BTB	BTL
2021	BUA	BUB	BUC	BUD	BUE	BUF	BUG	BUH	BUI	BUJ	BUK	BUL

Table 2. Supply Fan Motor Horsepower Serial Number Codes

Serial No. Code	Motor HP
08	3 (3450 rpm)
09	5 (3450 rpm)
13	10
14	20

CROSS-REFERENCE BY CABINET SIZE

Table 3. Cross-Reference by Cabinet Size													
Model	Heat Type	Heat Option	Unit Size										
			060	062	090	092	120	150	180	210	240	300	360
			Nominal Cooling Capacity (Tons)										
			5	5	7.5	7.5	10	12.5	15	17.5	20	25	30
Cabinet Size													
YDHA	Standard efficiency gas heat	H50	1	0	1	0	1	—	—	—	—	—	—
		H75	1	—	1	—	1	1	2	—	—	—	—
		H100	1	0	1	0	1	1	2	2	2	—	—
		H102*	1	—	1	—	1	1	2	2	2	—	—
		H120	—	0	—	0	—	—	—	—	—	—	—
		H125*	1	—	1	—	1	1	2	2	2	—	—
		H150*	1	0	1	0	1	1	2	2	2	—	—
		H175*	1	—	1	—	1	1	2	2	2	—	—
		H200	—	—	1	—	1	1	2	2	2	3	3
		H202*	—	—	1	—	1	1	2	2	2	3	3
		H250	—	—	1	—	1	1	2	2	2	3	3
		H300	—	—	1	—	1	1	2	2	2	3	3
		H400	—	—	—	—	1	1	2	2	2	3	3
		H402*	—	—	—	—	1	1	2	2	2	3	3
		H502*	—	—	—	—	—	—	2	2	2	3	3
		H602*	—	—	—	—	—	—	2	2	2	3	3
		H702*	—	—	—	—	—	—	—	—	—	3	3
		H802*	—	—	—	—	—	—	—	—	—	3	3
	High efficiency gas heat	G150	1	—	1	—	1	1	2	2	2	—	—
		G225	1	—	1	—	1	1	2	2	2	3	3
		G300	—	—	1	—	1	1	2	2	2	3	3
		G302*	—	—	1	—	1	1	2	2	2	3	3
		G372*	—	—	—	—	—	—	2	2	2	3	3
		G452*	—	—	—	—	—	—	2	2	2	3	3
		G525*	—	—	—	—	—	—	—	—	—	3	3
		G602*	—	—	—	—	—	—	—	—	—	3	3
	Electric heat	E20	1	0	1	0	1	1	2	2	2	—	—
		E30	1	0	1	0	1	1	2	2	2	3	3
		E40	—	0	1	0	1	1	2	2	2	3	3
		E50	—	0	1	0	1	1	2	2	2	3	3
		E60	—	—	1	—	1	1	2	2	2	3	3
		E70	—	—	—	—	1	1	2	2	2	3	3
		E80	—	—	—	—	1	1	2	2	2	3	3
		E90	—	—	—	—	1	1	2	2	2	3	3
	E120	—	—	—	—	—	—	2	2	2	3	3	

*Gas heat sections with dual furnaces.

*Gas heat sections with dual furnaces.

Table 3. Cross-Reference by Cabinet Size—Continued

Model	Heat Type	Heat Option	Unit Size										
			060	062	090	092	120	150	180	210	240	300	360
			Nominal Cooling Capacity (Tons)										
			5	5	7.5	7.5	10	12.5	15	17.5	20	25	30
Cabinet Size													
YDMA	Standard efficiency gas heat	H50	1	0	—	0	—	—	—	—	—	—	—
		H75	1	—	1	—	1	—	—	—	—	—	—
		H100	1	0	1	0	1	1	—	—	—	—	—
		H102*	1	—	1	—	1	1	—	—	—	—	—
		H120	—	0	—	0	—	—	—	—	—	—	—
		H125*	1	—	1	—	1	1	2	—	—	—	—
		H150*	1	0	1	0	1	1	2	2	—	—	—
		H175*	1	—	1	—	1	1	2	2	2	—	—
		H200	1	—	1	—	1	1	2	2	2	3	3
		H202*	1	—	1	—	1	1	2	2	2	3	3
		H250	—	—	1	—	1	1	2	2	2	2	2
		H300	—	—	1	—	1	1	2	2	2	3	3
		H400	—	—	—	—	1	1	2	2	2	3	3
		H402*	—	—	—	—	1	1	2	2	2	3	3
		H502*	—	—	—	—	—	—	2	2	2	3	3
		H602*	—	—	—	—	—	—	2	2	2	3	3
		H702*	—	—	—	—	—	—	—	—	—	3	3
		H802*	—	—	—	—	—	—	—	—	—	3	3
	High efficiency gas heat	G150	1	—	1	—	1	1	2	2	2	—	—
		G225	1	—	1	—	1	1	2	2	2	3	3
		G300	—	—	—	—	1	1	2	2	2	3	3
		G302*	—	—	—	—	1	1	2	2	2	3	3
		G372*	—	—	—	—	—	—	2	2	2	3	3
		G452*	—	—	—	—	—	—	2	2	2	3	3
		G525*	—	—	—	—	—	—	—	—	—	3	3
		G602*	—	—	—	—	—	—	—	—	—	3	3
	Electric heat	E20	1	0	1	0	1	1	2	2	2	—	—
		E30	1	0	1	0	1	1	2	2	2	3	3
		E40	—	0	1	0	1	1	2	2	2	3	3
		E50	—	0	1	0	1	1	2	2	2	3	3
		E60	—	—	1	—	1	1	2	2	2	3	3
		E70	—	—	—	—	1	1	2	2	2	3	3
		E80	—	—	—	—	1	1	2	2	2	3	3
		E90	—	—	—	—	1	1	2	2	2	3	3
	E120	—	—	—	—	—	—	2	2	2	3	3	

*Gas heat sections with dual furnaces.

*Gas heat sections with dual furnaces.

CROSS-REFERENCE BY CABINET SIZE—CONTINUED

Table 3. Cross-Reference by Cabinet Size—Continued													
Model	Heat Type	Heat Option	Unit Size										
			060	062	090	092	120	150	180	210	240	300	360
			Nominal Cooling Capacity (Tons)										
			5	5	7.5	7.5	10	12.5	15	17.5	20	25	30
Cabinet Size													
YDSA	Standard efficiency gas heat	H100	—	—	—	—	—	—	—	2	—	—	—
		H102*	—	—	—	—	—	—	—	2	—	—	—
		H125*	—	—	—	—	—	—	—	2	2	—	—
		H150*	—	—	—	—	—	—	—	2	2	3	—
		H175*	—	—	—	—	—	—	—	2	2	3	3
		H200	—	—	—	—	—	—	—	2	2	3	3
		H202*	—	—	—	—	—	—	—	2	2	3	3
		H250	—	—	—	—	—	—	—	2	2	3	3
		H300	—	—	—	—	—	—	—	2	2	3	3
		H400	—	—	—	—	—	—	—	2	2	3	3
		H402*	—	—	—	—	—	—	—	2	2	3	3
		H502*	—	—	—	—	—	—	—	—	—	3	3
		H602*	—	—	—	—	—	—	—	—	—	—	3
	High efficiency gas heat	G150	—	—	—	—	—	—	—	2	2	3	3
		G225	—	—	—	—	—	—	—	2	2	3	3
		G300	—	—	—	—	—	—	—	2	2	3	3
		G302*	—	—	—	—	—	—	—	2	2	3	3
		G372*	—	—	—	—	—	—	—	—	2	3	3
		G452*	—	—	—	—	—	—	—	—	—	3	3
	Electric heat	E20	—	—	—	—	—	—	—	2	2	3	3
		E30	—	—	—	—	—	—	—	2	2	3	3
		E40	—	—	—	—	—	—	—	2	2	3	3
		E50	—	—	—	—	—	—	—	2	2	3	3
		E60	—	—	—	—	—	—	—	2	2	3	3
		E70	—	—	—	—	—	—	—	2	2	3	3
		E80	—	—	—	—	—	—	—	2	2	3	3
		E90	—	—	—	—	—	—	—	2	2	3	3
	E120	—	—	—	—	—	—	—	—	—	3	3	

*Gas heat sections with dual furnaces.

*Gas heat sections with dual furnaces.

ELECTRICAL COMPONENTS

NOTES:

- A typical cabinet with its access panels is shown in [Figure 1](#).
- Cabinet size 0: electrical components for cabinet size 0 are shown in [Figure 2](#).
- Cabinet size 1A: electrical components for cabinet size 1A are shown in [Figure 3](#).
- Cabinet size 1B: electrical components for cabinet size 1B are shown in [Figure 4](#).
- Cabinet size 2: electrical components for cabinet size 2 are shown in [Figure 5](#).
- Cabinet size 3: electrical components for cabinet size 3 are shown in [Figure 6](#).
- Control panels: electric heat and gas heat section control panels are shown in [Figure 7](#), [Figure 8](#), and [Figure 9](#).
- Electrical components are listed in [Table 4](#).
- Individual electrical components are shown in [Figure 10](#), [Figure 11](#), and [Figure 12](#). Refer to [Table 4](#), [Table 5](#), [Table 6](#), [Table 7](#), [Table 8](#), [Table 9](#), [Table 10](#), [Table 11](#), [Table 12](#), [Table 13](#), [Table 14](#), [Table 15](#), [Table 16](#), [Table 17](#), and [Table 18](#) for part numbers and specifications.

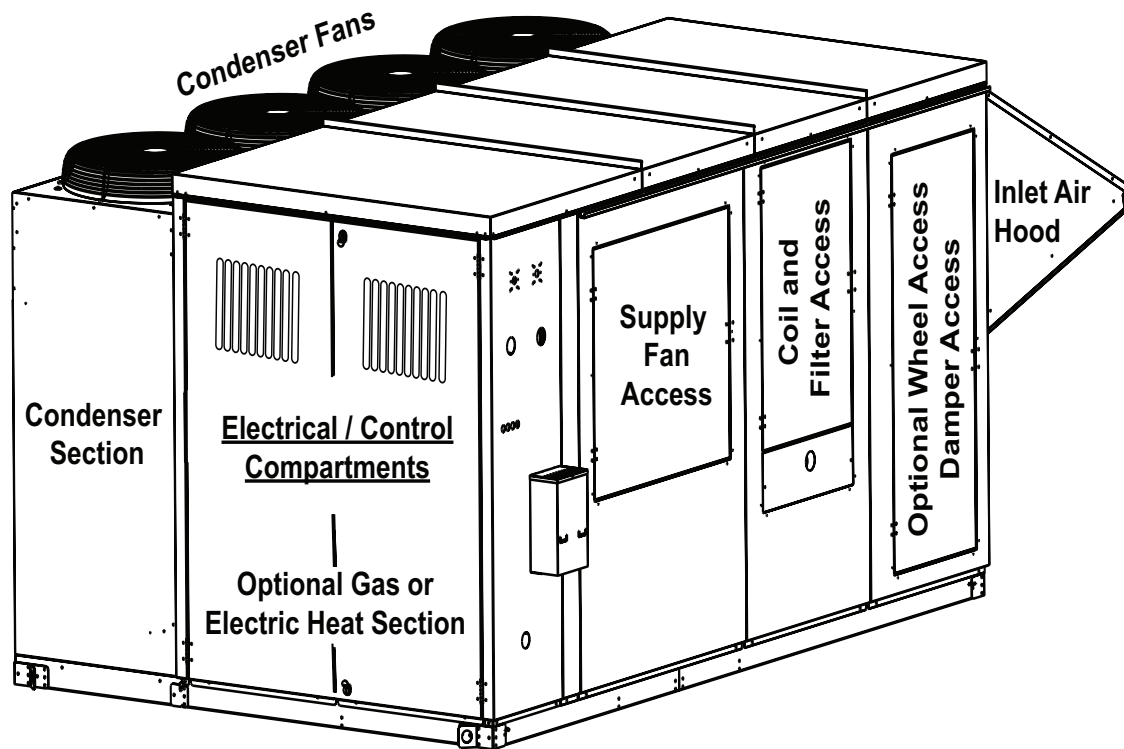


Figure 1. Typical Cabinet

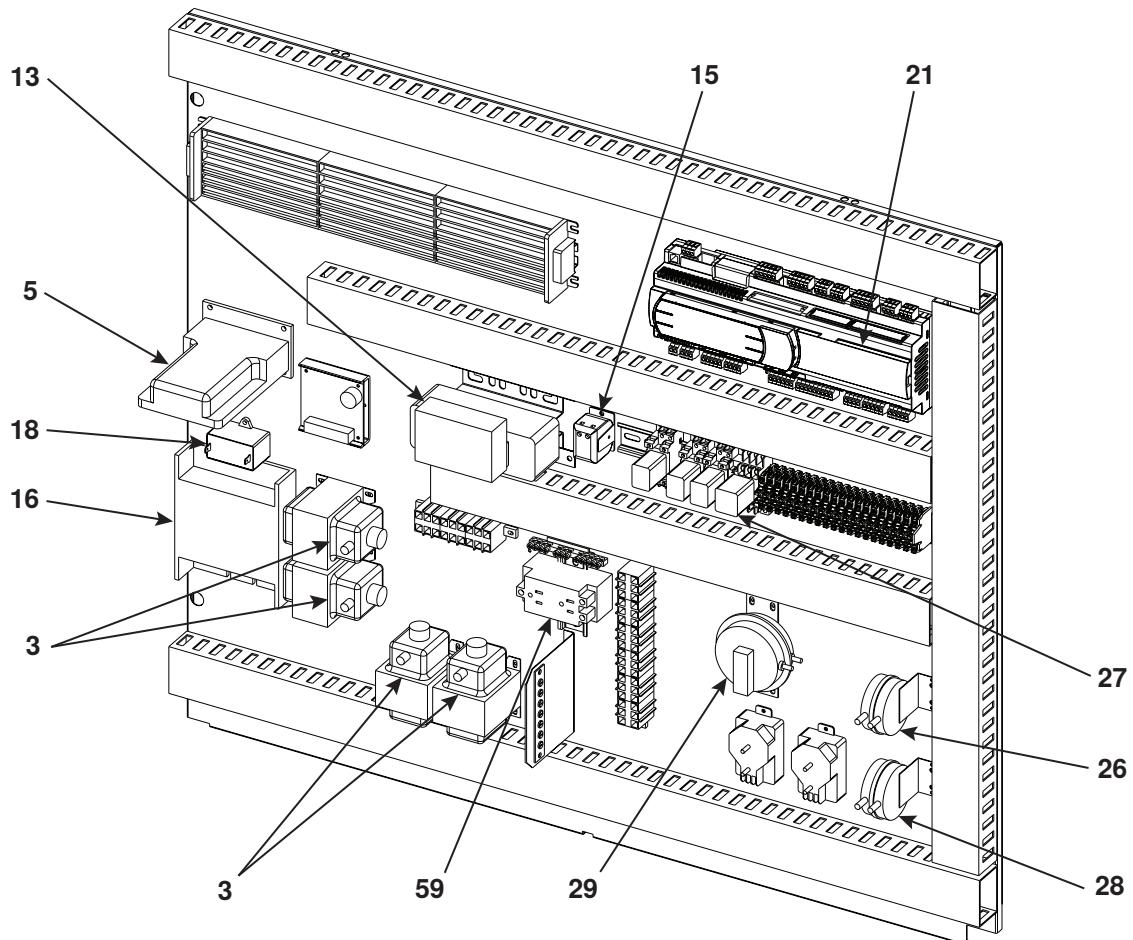
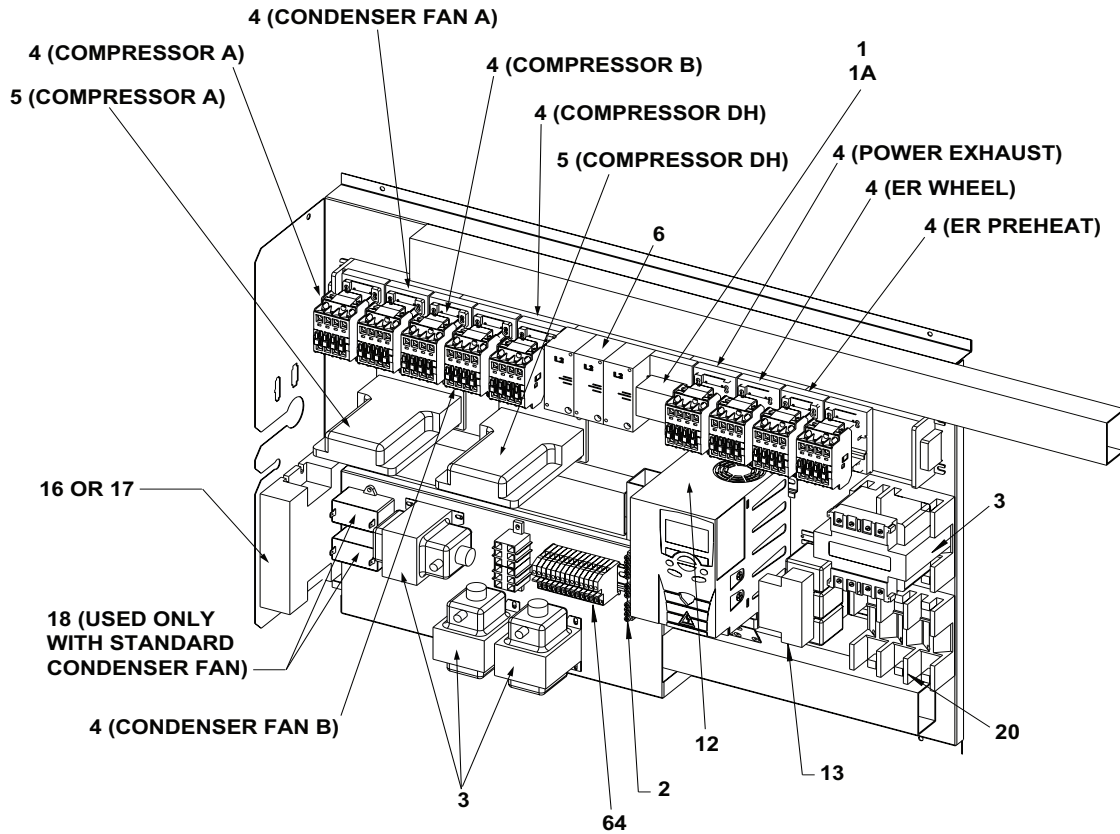


Figure 2. Electrical Panel—Cabinet Size 0, YDHA and YDMA Unit Sizes 062 and 092 (Refer to [Table 4](#))

ELECTRICAL COMPONENTS—CONTINUED

Typical High Voltage Panel*



Typical Low Voltage Panel*

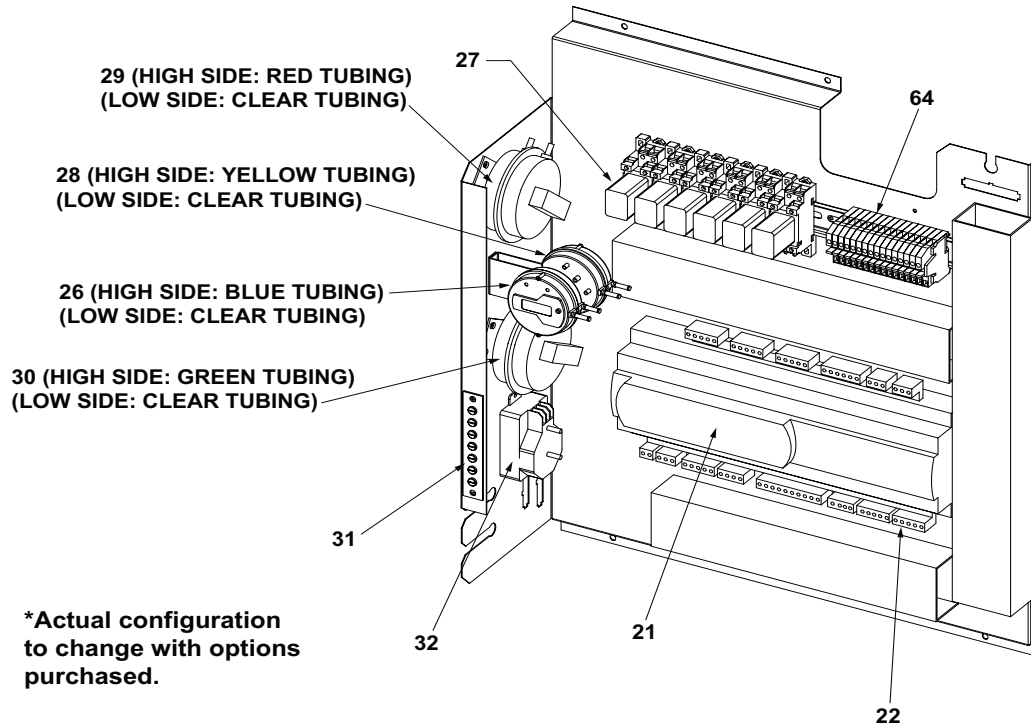
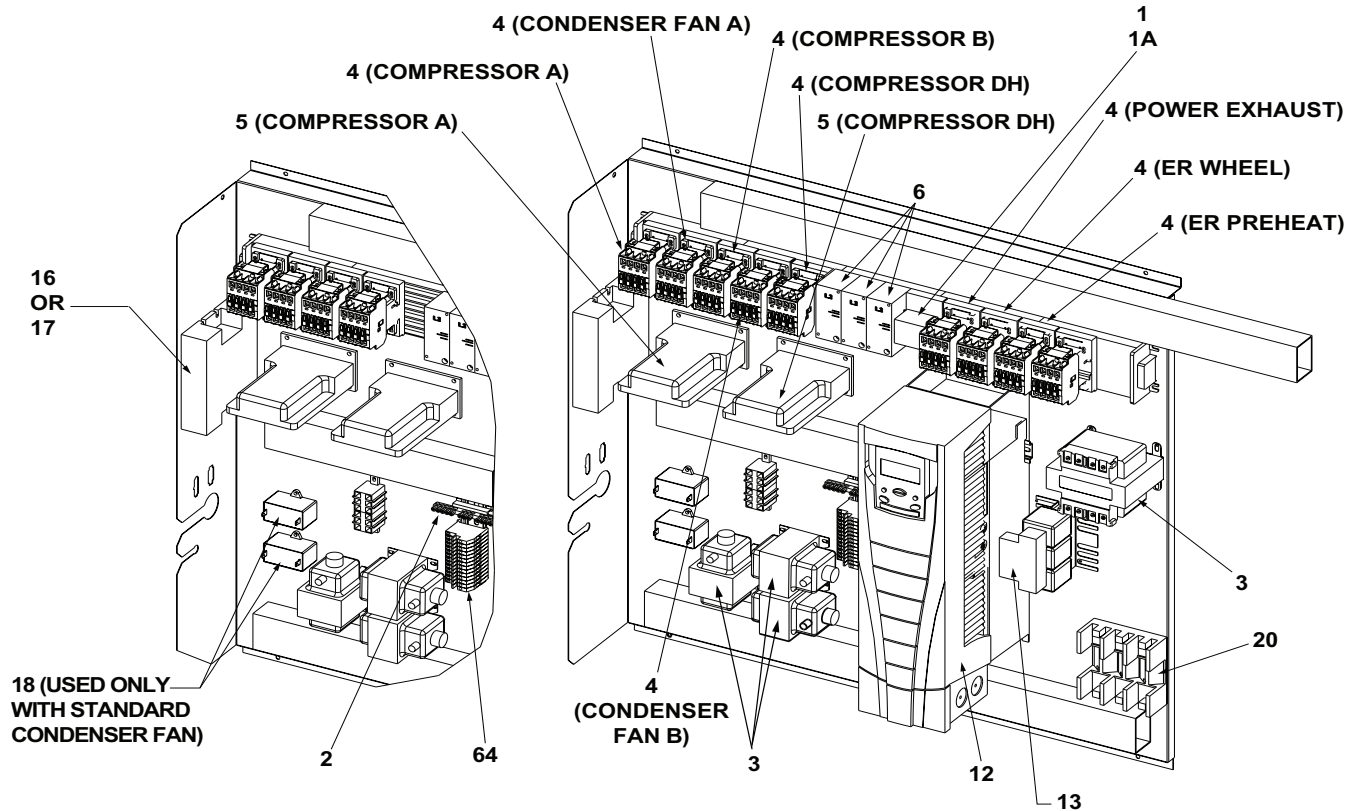


Figure 3. Electrical Panels—Cabinet Size 1A, YDHA Unit Size 060 and YDMA Unit Size 090
(Refer to [Table 4](#))

Typical High Voltage Panel*



Typical Low Voltage Panel*

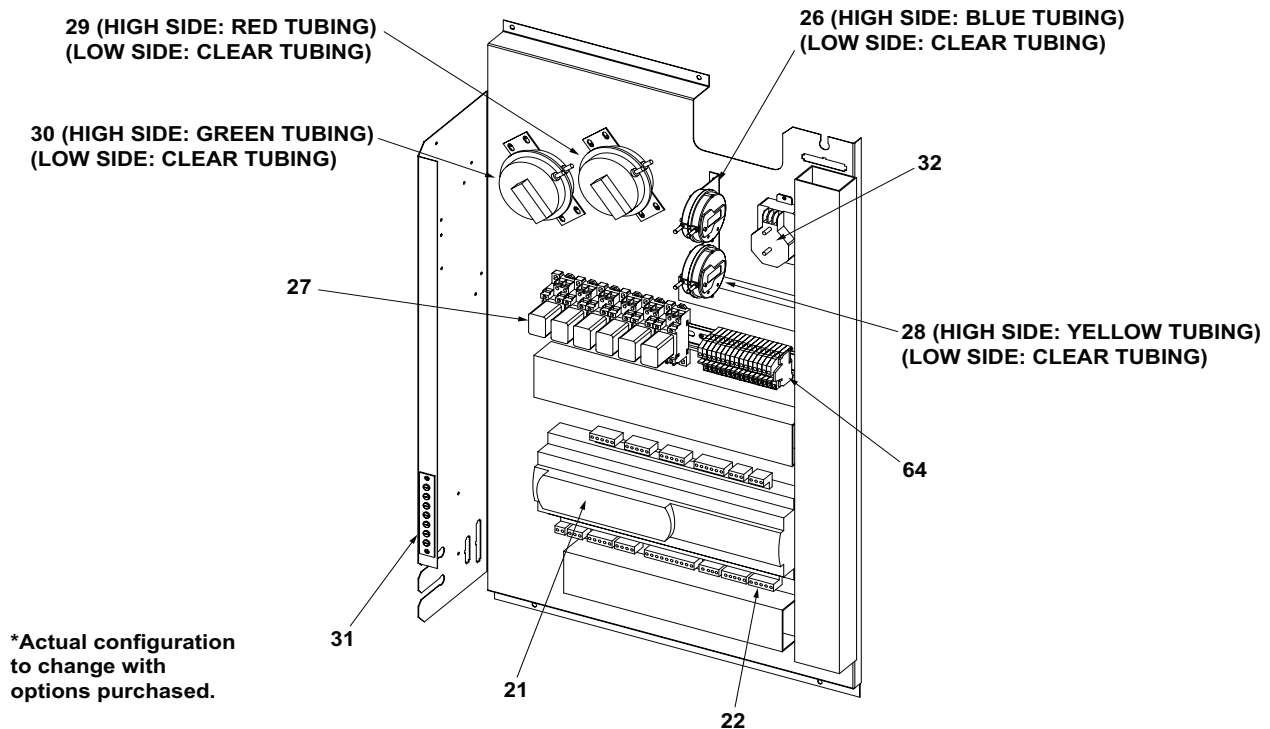
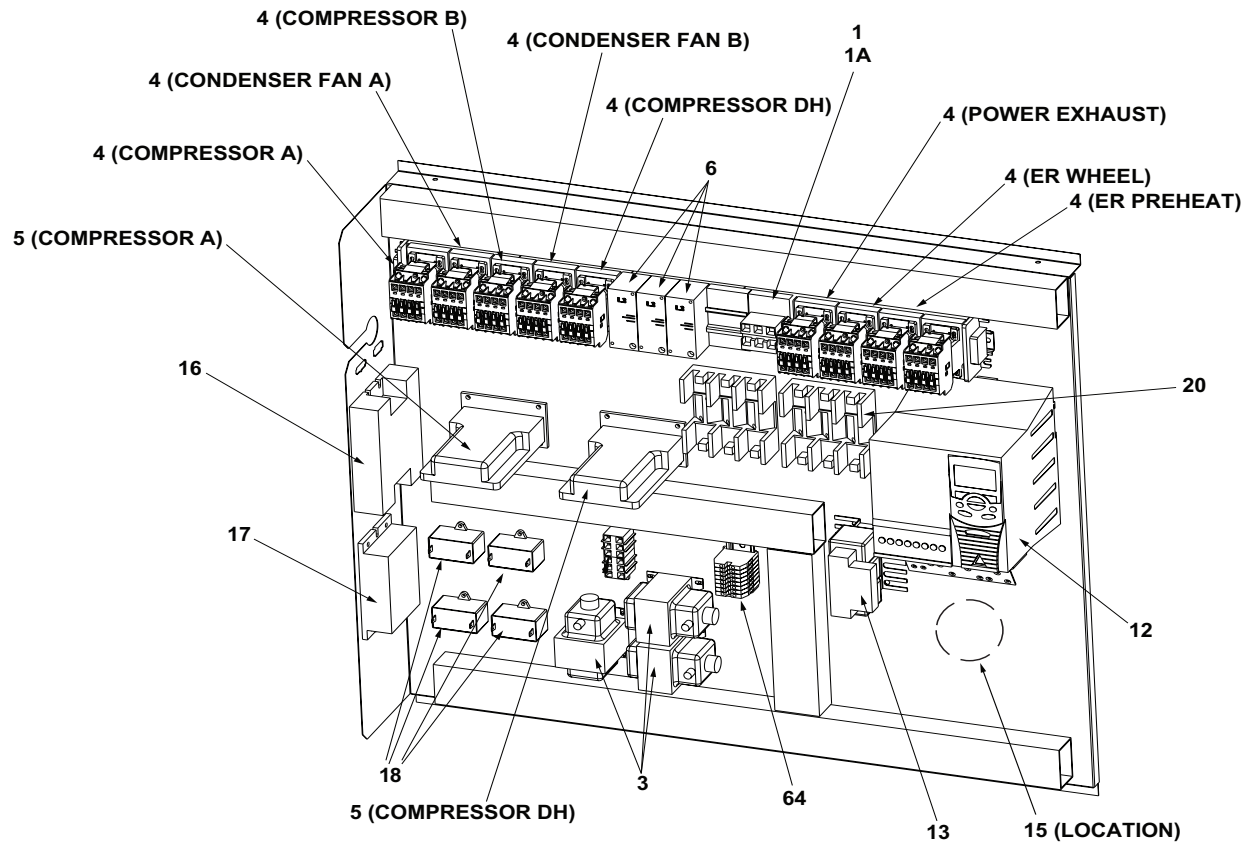


Figure 4. Electrical Panels—Cabinet Size 1B, YDHA Unit Sizes 090, 120, and 150 and YDMA Unit Sizes 120 and 150 (Refer to [Table 4](#))

ELECTRICAL COMPONENTS—CONTINUED

Typical High Voltage Panel*



Typical Low Voltage Panel*

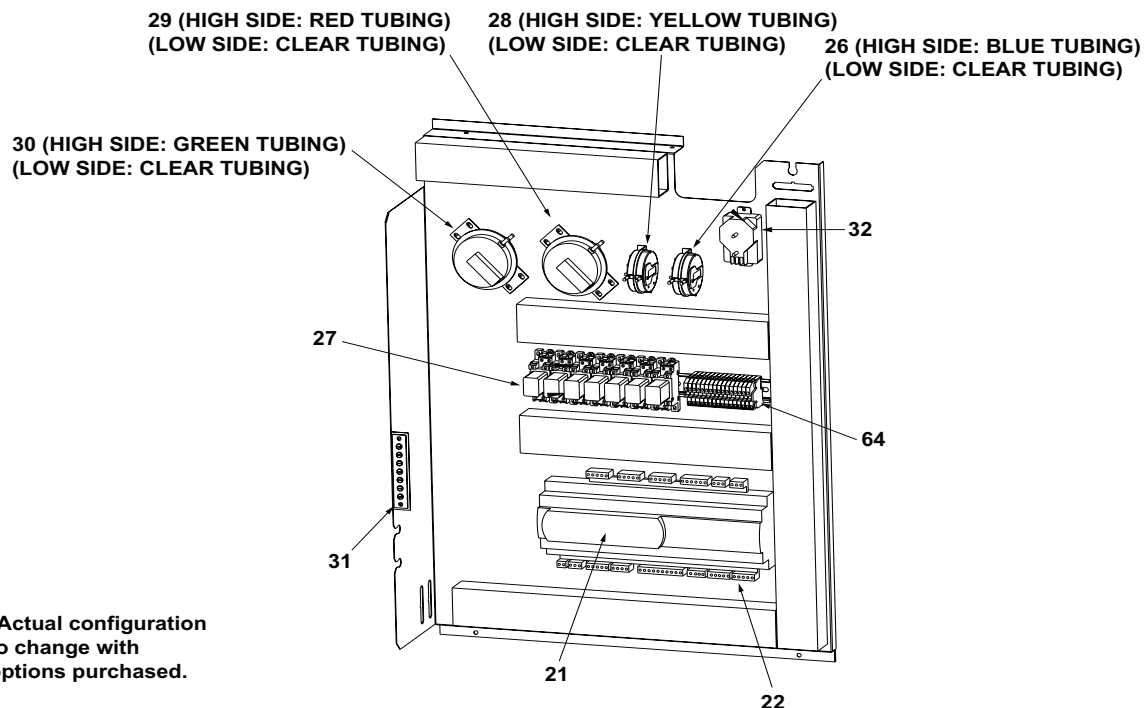
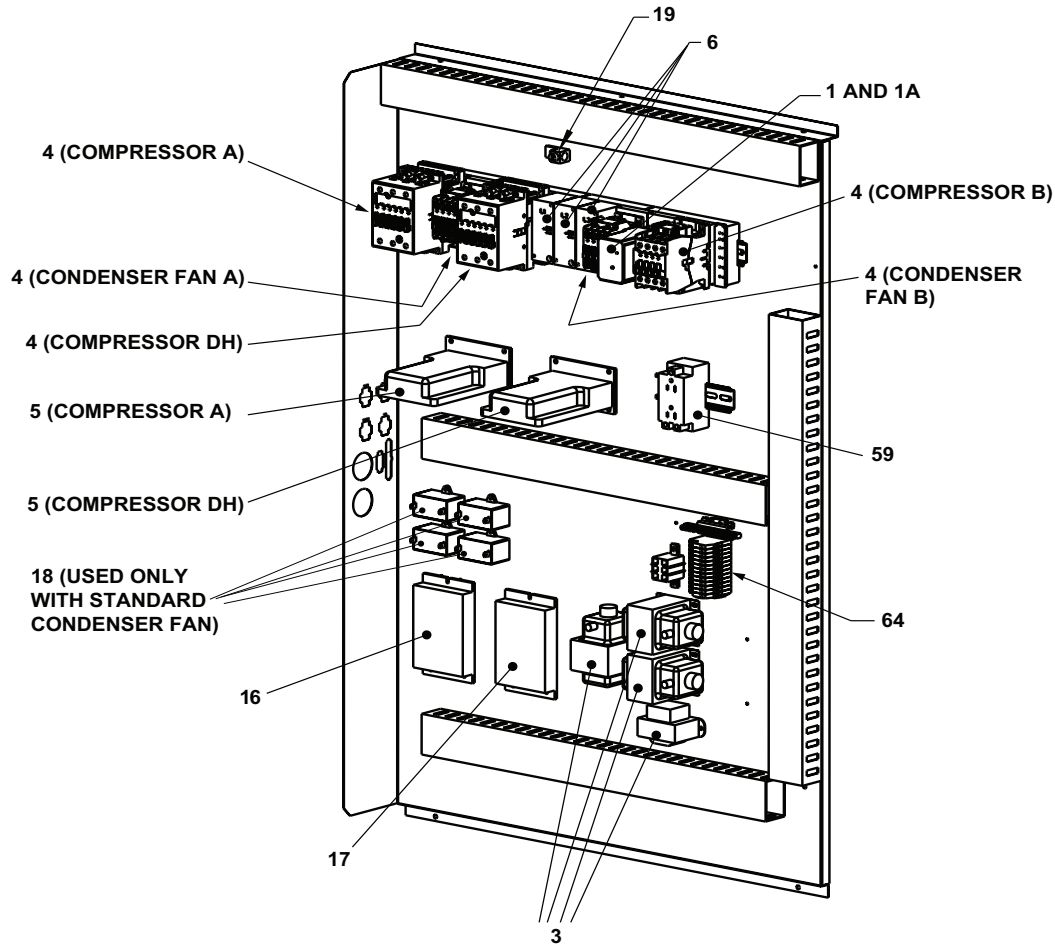


Figure 5. Electrical Panels—Cabinet Size 2, YDHA and YDMA Unit Sizes 180, 210, and 240 and YDSA Unit Sizes 120 and 150 (Refer to [Table 4](#))

Typical High Voltage Panel*



Typical Low Voltage Panel*

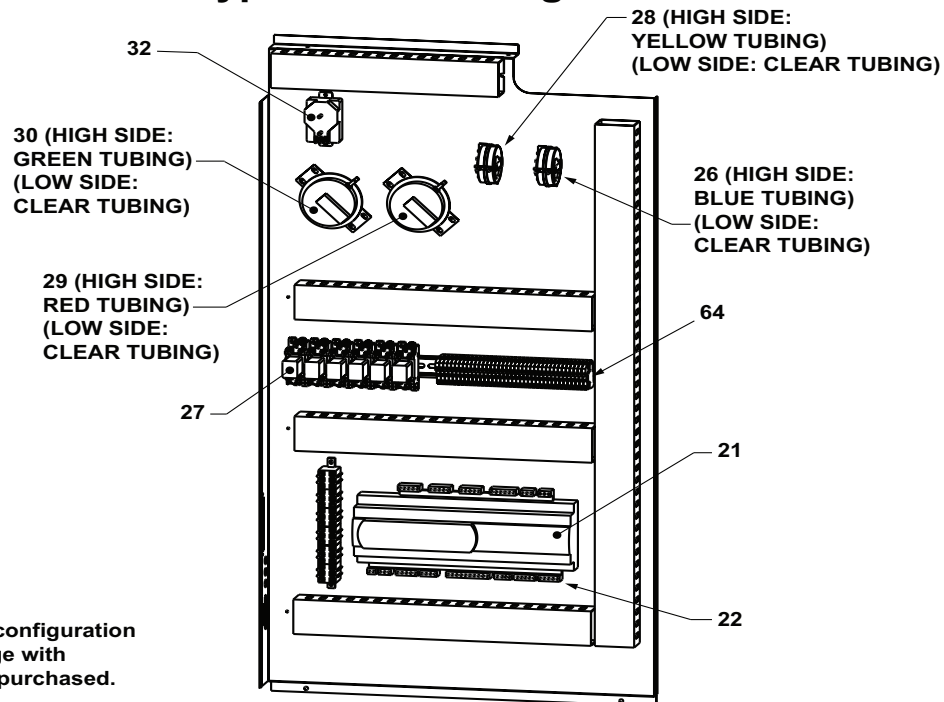


Figure 6. Electrical Panels—Cabinet Size 3, YDHA and YDMA Unit Sizes 300 and 360 and YDSA Unit Sizes 180 and 210 (Refer to [Table 4](#))

ELECTRICAL COMPONENTS—CONTINUED

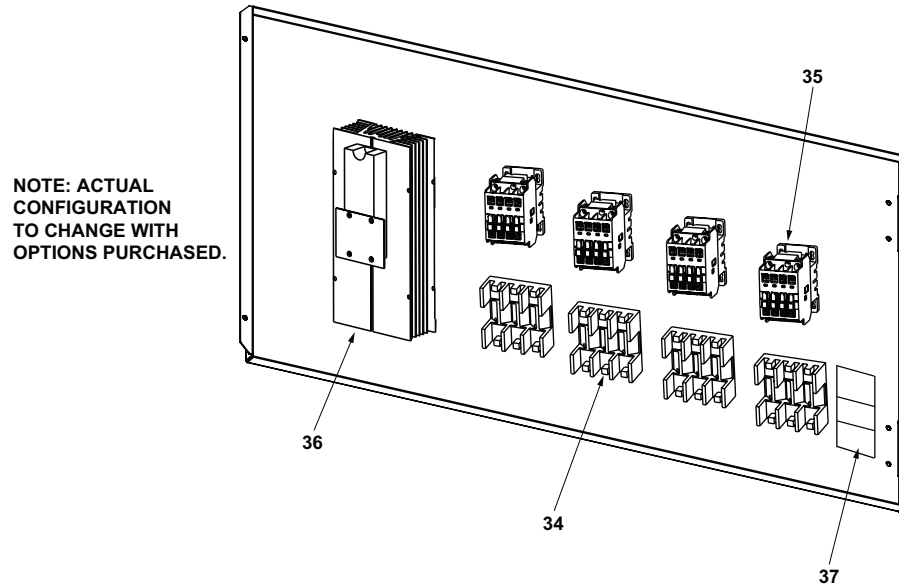


Figure 7. Typical Electric Heat Control Panel (Refer to [Table 4](#))

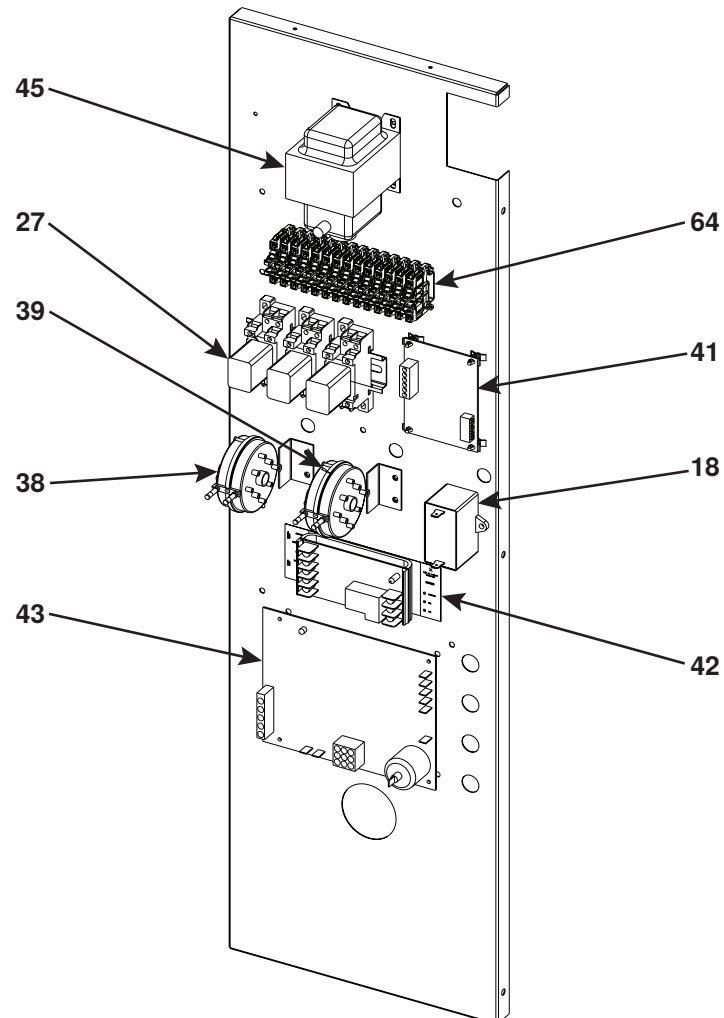


Figure 8. Gas Heat Control Panel—Cabinet Size 0 (Refer to [Table 4](#))

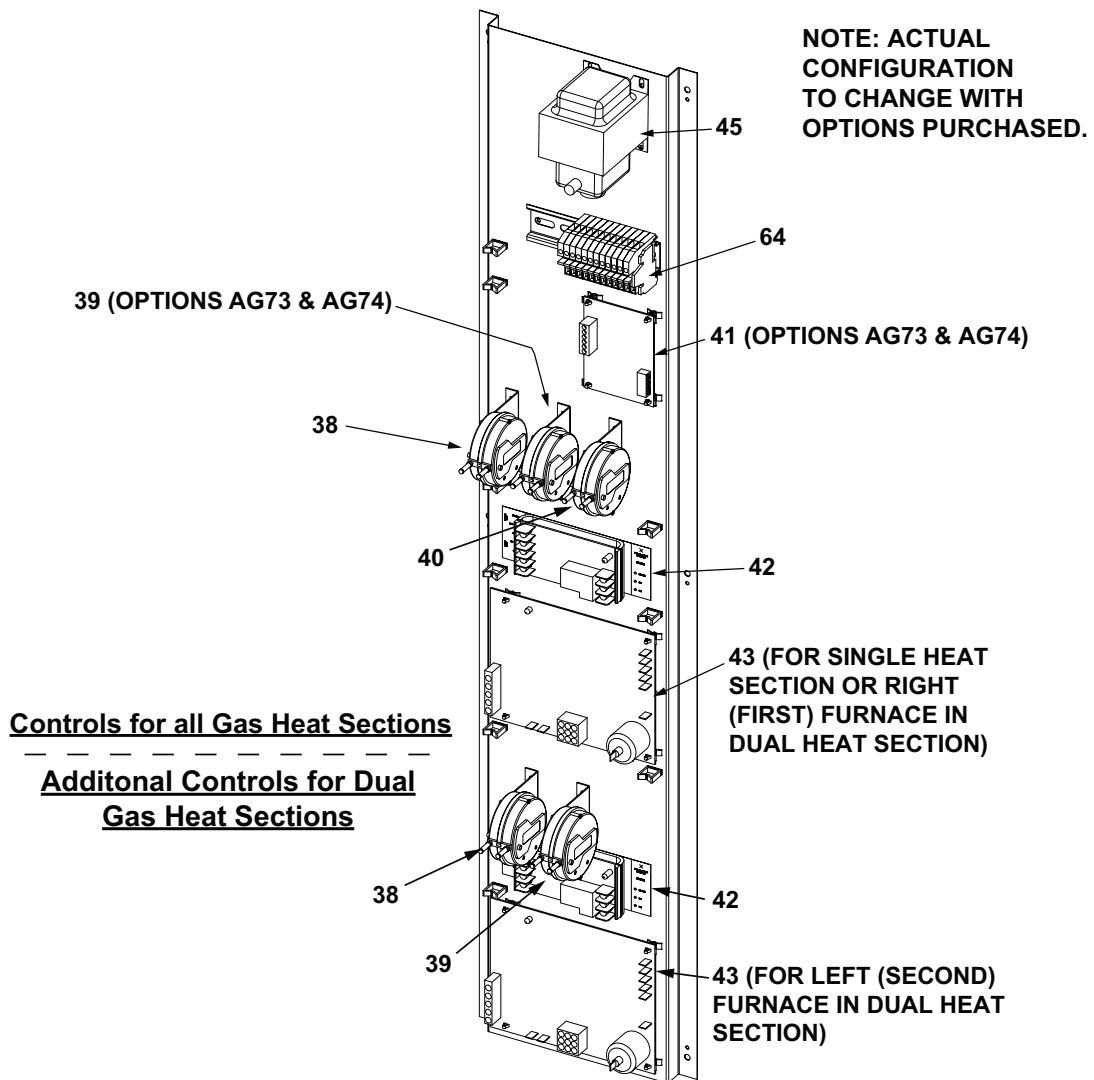


Figure 9. Typical Gas Heat Control Panel—Cabinet Sizes 1, 2, and 3 (Refer to [Table 4](#))

ELECTRICAL COMPONENTS—CONTINUED

Table 4. Electrical Components				
Item No.	Component	Description	PN	Figure Reference
High Voltage Panel Components				
1	Monitor, phase loss/voltage (option PL4)	208/230/460V (options AK5, AK6, and AK7)	176826	Figure 3, Figure 4, Figure 5, Figure 6, Figure 10
		575V (option AK8)	258881	
1A	Socket	Monitor	194168	Figure 3, Figure 4, Figure 10
2	Grounding bar	12 output	273792	Figure 3, Figure 4, Figure 10
3	Transformer	0.5 kVA, 480–230/120, Cutler Hammer #S20N11S51, with 3A fuse (PN 201803)	11100	Figure 2, Figure 3, Figure 4, Figure 5, Figure 6, Figure 10
		0.75 kVA, 240/480–120/240V, Cutler Hammer #S20N11S76	11217	
		200 VA, 460/575–230V, ERM	210862	
		6 kVA, 600/480V	284219	
		9 kVA, 600/480V	284327	
4	Contactor	24V coil	Refer to Table 5, Table 6, Table 7, and Table 10	Figure 3, Figure 4, Figure 5, Figure 6, Figure 10
5	Digital controller	For compressor	266067	Figure 2, Figure 3, Figure 4, Figure 5, Figure 6, Figure 10
6	Power feed terminal	L1, 200A	271834	Figure 6, Figure 10
		L2, 200A	271833	
		L3, 200A	271832	
7	Universal bus adapter	L1/L2/L3, wire top, 63A	1011374	Figure 10
		L1/L2/L3, wire top, 32A	1011375	
		N, wire top, 32A	1011376	
8	Module socket	For six (6) modules	271839	—
		For eight (8) modules	272003	
9	Connection pins	Four (4) pins to mount modules together	1011377	—
10	Busbar	54 inches (2 meters)	271838	Figure 10
11	Busbar end stop kit	Left and right	271828	
12	Variable Frequency Drive (VFD)		Refer to Table 7, Table 8, Table 9, Table 10, Table 11, and Table 12	Figure 3, Figure 4, Figure 5, Figure 10
13	Line reactor			Figure 10
14	Supply fan			
15	Current switch	CT (used on cabinet size 0 units)	1011162	Figure 2
		CT (used on cabinet size 1, 2, and 3 units)	222764	Figure 5, Figure 11
15A		Overload, was included on some early production units, but is no longer required	—	—
16	Low ambient controller	Control, for ECM condenser fan (options CUF4 and BE8)	272460	Figure 2, Figure 3, Figure 4, Figure 5, Figure 6, Figure 11
		Sensor	272461	
17		Control, for standard condenser fan (option CUF3)	261041	
		Sensor	261042	
18	Capacitor		207448	Figure 2, Figure 3, Figure 4, Figure 5, Figure 6, Figure 8, Figure 11
19	Grounding lug		179196	Figure 11
20	Fuse	For wheel preheat (option PH) (option AK3)	207617	Figure 3, Figure 4, Figure 5, Figure 11
			207615	
		For wheel preheat (option PH) (options AK5 and AK6)	207617	

Table 4. Electrical Components —Continued

Item No.	Component	Description	PN	Figure Reference
Low Voltage Panel Components				
21	Carel digital controller	For option D19	1011006	Figure 2, Figure 3, Figure 4, Figure 5, Figure 6, Figure 11
		For option D21	1011007	
		For option D22	1013650	
		For option D23	1024342	
22	Carel plugs		272630	
23	BACnet card, programmed (option BHB8)	For option D19	272633	Figure 11
		For option D21	1006079	
		For option D22	1013642	
		For option D23	1024341	
24	BACnet IP card, programmed	For option D19	1012849	
		For option D21	1012850	
		For option D22	1013658	
		For option D23	1024340	
25	Bus, communication (includes shipped-loose ferrite core (item 25A) for communication connection)	LON DDC, programmed (option BHB7 with D19)	284991N	
		LON DDC, programmed (option BHB7 with D21)	284992	
26	Pressure switch	For supply fan	234712	Figure 2, Figure 3, Figure 4, Figure 5, Figure 6, Figure 11
27	Relay	2-pole, 24V	211411	Figure 2, Figure 3, Figure 4, Figure 5, Figure 6, Figure 8, Figure 11
		Base	211415	
		3-pole, 24V	211799	
		Base	211800	
28	Pressure switch	Exhaust fan	234712	Figure 2, Figure 3, Figure 4, Figure 5, Figure 6, Figure 11
29		Dirty filter	105507	
30		Energy recovery filter	105507	
31	Terminal strip		164545	Figure 3, Figure 4, Figure 5, Figure 6, Figure 11
32	Pressure transducer	Option VFC3, with pressure sensing probe (PN 234821)	234818	
		Options VFC4, EFC4, and GF5, with ceiling mount box (PN 234905) and outside pressure pickup port (PN 234906)	234819	
		Options AFS1, AFS2, VFCE, EFCE, and EFCG, with pressure sensing probe (PN 1020907)	1020884	
32A	Pressure sensing probe	Pressure transducer	234821 1020907	Figure 11
33	Carel expansion module	Input/output (option AUR2)	1020802	
33A	Connector kit	Carel expansion module (option AUR2)	1020803	
33B	Bulb sensor		1020804	
Electric Heat Section Panel Components				
34	Fuse	30A/250V	207615	Figure 7, Figure 11
		60A/250V	207617	
		45A/600V	207627	
35	Contactor		Refer to Table 5	
36	SCR power controller	208/230/460/575/3/60	234057	
37	Distribution block		223495	

ELECTRICAL COMPONENTS—CONTINUED

Table 4. Electrical Components—Continued

Table 4. Electrical Components—Continued				
Item No.	Component	Description	PN	Figure Reference
Gas Heat Section Panel Components				
38	Pressure switch	High speed venter, combustion air	Refer to Table 13	Figure 8, Figure 9, Figure 11
39		Low speed venter, combustion air	Refer to Table 14	
40	Blocked condensate switch	For high-efficiency furnace	234712	Figure 9, Figure 11
41	Speed control	Venter motor (options AK3, AK5, AK6, AK7, and AK8)	Refer to Table 15	Figure 8, Figure 9, Figure 11
42	Relay rib board		234656	Figure 8, Figure 9, Figure 12
43	DSI control module		272626	
44	Transformer	40 VA, 115/120V (option AK1)	194808	Figure 12
		40 VA, 208–230V (options AK2, AK3, AK5, and AK6)	194536	
		40 VA, 440–480V (option AK7)	202661	
45		75 VA, 120/208/240/480-24V, includes circuit breaker, Functional Devices #TR75VA005	208989	Figure 8, Figure 9
46		75 VA 460/575-24V, Hartland Controls #HCT-130J2K02199	258912	Figure 12
Digital Controller (Item 21) Sensors*				
47	Sensor	Outside air humidity, in outside air inlet	222754	Figure 12
48		Discharge air temperature, in discharge ductwork, with box and 8-inch probe	222753	
49		Space temperature (option CL23)	257338	
		Space temperature (option CL33)	221038	
		Space temperature (option CL78)	272631	
50		Return air temperature/humidity and exhaust air temperature/humidity, with box and 8-inch probe	236418	
51		Building CO ₂ (option GF8)	256975	
		Building CO ₂ (option BE15 includes CO ₂ sensor: PN 234820)		
52		Averaging (mixed air/cooling coil) temperature, 18-inch, cabinet size 1	271993	
53		Averaging (mixed air/cooling coil) temperature, 36-inch, cabinet sizes 2 and 3	271994	
54		Temperature, 10k, type 2 bulb (option AUR2 reheat A)	269894	
55		Temperature, Carel NTC bulb (options AUR2 reheat B, AFS1, AFS2, VFCE, and EFCE)	1020804	
56		Averaging, zone temperature/humidity	235976	
57	Photoelectric smoke detector	Option BE17, includes smoke detector (PN 159553) and sampling tube (PN 259069)	259076	
58	Transmitter (options AFS3, GF10, and GF11)	OA CFM Ebtron, for cabinet size 1	1020878	
		OA CFM Ebtron, for cabinet size 2 or 3	1020880	
58A	Probe, transmitter	23.375 inches long, for cabinet size 1	1020879	
		49.625 inches long, for cabinet size 2	1020881	
		59.625 inches long, for cabinet size 3	1020883	
Miscellaneous Control Components				
59	Convenience outlet	120V (option BC6)	272900	Figure 2, Figure 6, Figure 12
60	Ductstat	Return or discharge	42782	Figure 12
	Firestat	Option BD5		
61	Remote display	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	
		For option RB6, includes hand-held display (PN 260178) and 6-pin connection cable (PN 260175)	272407	
62	Non-fusible disconnect switch	Option BA6	Refer to Table 22	
63	Raintight disconnect switch	Option CP	Refer to Table 17	
64	Terminal block	Used in low voltage, high voltage, and gas heat control panels	Refer to Table 18	Figure 3, Figure 4, Figure 5, Figure 6, Figure 8, Figure 9

*Depending on application, sensors may be standard or part of option BE, VFC, or GF.

*Depending on application, sensors may be standard or part of option BE, VFC, or GF.

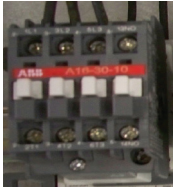
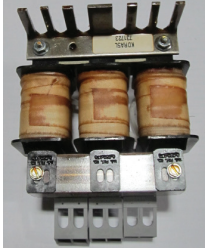
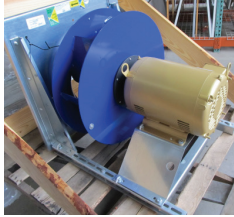
Item 1: Phase Loss/Voltage Monitor Item 1A: Monitor Socket 	Item 2: Grounding Bar 	Item 3: Transformer 
Item 4: Contactor 	Item 5: Digital Controller 	
Item 6: Power Feed Terminal  L1  L2  L3		
Item 7: Universal Bus Adapter  PN 1011374  PN 1011375  PN 1011376		
Item 8: Module Socket  6-Module  8-Module	Item 10: Busbar 	Item 11: Busbar End Stop Kit  Left  Right
Item 12: VFD  Model ACS550  Model ACS355	Item 13: Line Reactor 	Item 14: Supply Fan 

Figure 10. Individual Electrical Components—Items 1 Through 14 (Refer to [Table 4](#))

ELECTRICAL COMPONENTS—CONTINUED

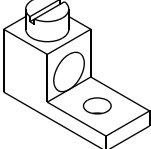
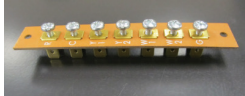
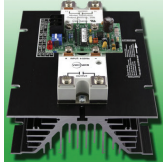
Item 16: Low Ambient Controller (control shown) 	Item 17: Low Ambient Controller (sensor shown) 	Item 18: Capacitor 	Item 19: Grounding Lug 
Item 20: Fuse (also item 32) 	Item 21: Carel Digital Controller 		Item 22: Carel Plugs 
Item 23: BACnet Card 	Item 24: BACnet IP Card 	Item 25: Communication Bus, LON DDC Item 25A: Ferrite Core 	Item 26: Pressure Switch (also item 28) 
Item 15: CT Relay 	Item 27: Relay Base 	Items 29 and 30: Pressure Switch 	Item 31: Terminal Strip 
Item 32: Pressure Transducer Item 32A: Pressure Sensing Probe 	Item 33: Carel Expansion Module 	Item 35: Contactor 	Item 36: SCR Controller 
Item 37: Distribution Block 	Item 38: High Speed Venter Combustion Air Pressure Switch Item 39: Low Speed Venter Combustion Air Pressure Switch 	Item 41: Venter Motor Speed Control 	

Figure 11. Individual Electrical Components—Items 16 Through 41 (Refer to [Table 4](#))

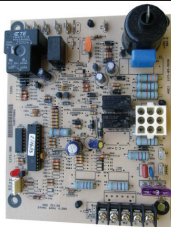
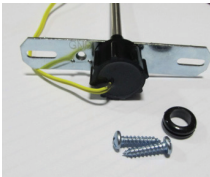
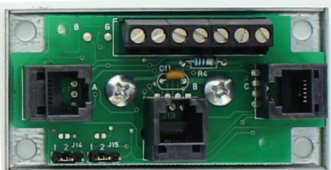
Item 42: Relay Rib Board 	Item 43: DSI Control Module 	Item 47: Outside Air Humidity Sensor 	Item 48: Discharge Air Temperature Sensor 
Item 49: Space Temperature Sensor 	Item 57: Photoelectric Smoke Detector 	Item 51: Building CO₂ Sensor 	
Items 52 and 53: Averaging Temperature Sensor 	Item 59: Convenience Outlet 	Code 60: Ductstat or Firestat 	
Item 62: Non-Fusible Disconnect Switch 	Item 63: Raintight Disconnect Switch 		
Item 44: Transformer 	Item 46: Transformer 	Item 50: Temperature/Humidity Sensor 	
Item 54: Temperature Sensor 	Item 55: Temperature Sensor 	Item 56: Averaging Temperature Sensor 	
Item 58: Transmitter 	Item 58A: Probe 	Item 61: Remote Display 	Splitter/Booster: 

Figure 12. Individual Electrical Components—Items 42 Through 63 (Refer to [Table 4](#))

ELECTRICAL COMPONENTS—CONTINUED

Table 5. Contactors								
Used on:	Amps							
	9	12	16	26	30	40	50	75
Condenser fan	—	271999	—	—	—	—	—	—
Compressor	271836	271999	272000	272001	272002	272416	272417	272418
Supply air fan	271836	271999	—	—	—	—	—	—
Power exhaust	271836	271999	272000	—	—	—	—	—
Preheater	—	—	—	272001	—	272416	—	—
Energy recovery wheel	271836	—	—	—	—	—	—	—

Table 6. Option A8E Components (Cabinet Sizes 1, 2, and 3 Only)				
Item No.	Component	Model	AK Option (V/PH/Hz)	Unit Size
				090, 120, 150, 180, 210, 240
				Model No. (PN)
4	Contactor	YDHA	AK5 (208/3/60)	AF12-30-10-41 (271999)
			AK6 (230/3/60)	
			AK7 (460/3/60)	AF09-30-10-41 (271836)
14	Supply fan		AK5 (208/3/60)	ER45C-ZIK.DC.1R 113720/A01 (1013076)
			AK6 (230/3/60)	
			AK7 (460/3/60)	ER45C-ZIK.DC.1R 163898/A01 (1013077)
Item No.	Component	Model	AK Option (V/PH/Hz)	Unit Size
				120, 150, 180, 210, 240
				Model No. (PN)
4	Contactor	YDMA	AK5 (208/3/60)	AF12-30-10-41 (271999)
			AK6 (230/3/60)	
			AK7 (460/3/60)	AF09-30-10-41 (271836)
14	Supply fan		AK5 (208/3/60)	ER45C-ZIK.DC.1R 113720/A01 (1013076)
			AK6 (230/3/60)	
			AK7 (460/3/60)	ER45C-ZIK.DC.1R 163898/A01 (1013077)

Table 7. Option A9 Components (Cabinet Sizes 1, 2, and 3 Only)					
Item No.	Component	Model	AK Option (V/PH/Hz)	Unit Size	
				090, 120, 150	180, 210, 240, 300, 360
				Model No. (PN)	
12	VFD	YDHA	AK5 (208/3/60)	ACS355-03U-07A5-2 (221609)	ACS550-U1-017A-2 (273798)
			AK6 (230/3/60)		
			AK7 (460/3/60)	ACS355-03U-04A1-4 (221616)	ACS355-03U-08A8-4 (221618)
			AK8 (575/3/60)	ACS550-U1-02A7-6 (221855)	ACS550-U1-06A1-6 (221857)
13	Line reactor		AK5 (208/3/60)	KDRA27L (221596)	—
			AK6 (230/3/60)		
			AK7 (460/3/60)	KDRA1L (221585)	KDRA3L (221587)
14	Supply fan		AK5 (208/3/60)	ER45C-6DM.F7.1R 112815/AS03 (1013081)	ER50C-4DM.F7.1R 112823/AS03 (1013087)
			AK6 (230/3/60)		
			AK7 (460/3/60)		
			AK8 (575/3/60)	ER45C-6DM.F7.1R 112815/AS04 (1013082)	ER50C-4DM.F7.1R 112823/AS04 (1013088)

Table 7. Option A9 Components (Cabinet Sizes 1, 2, and 3 Only)—Continued					
Item No.	Component	Model	AK Option (V/PH/Hz)	Unit Size	
				120, 150, 180	210, 240, 300, 360
				Model No. (PN)	
12	VFD	YDMA	AK5 (208/3/60)	ACS355-03U-07A5-2 (221609)	ACS550-U1-017A-2 (273798)
			AK6 (230/3/60)		
			AK7 (460/3/60)		
			AK8 (575/3/60)		
13	Line reactor		AK5 (208/3/60)	KDRA27L (221596)	—
			AK6 (230/3/60)		
			AK7 (460/3/60)		
14	Supply fan		AK5 (208/3/60)	ER45C-6DM.F7.1R 112815/AS03 (1013081)	ER50C-4DM.F7.1R 112823/AS03 (1013087)
			AK6 (230/3/60)		
			AK7 (460/3/60)		
			AK8 (575/3/60)	ER45C-6DM.F7.1R 112815/AS04 (1013082)	ER50C-4DM.F7.1R 112823/AS04 (1013088)

Table 8. Option A9E Components (Cabinet Sizes 1, 2, and 3 Only)					
Item No.	Component	Model	AK Option (V/PH/Hz)	Unit Size	
				090, 120, 150, 180, 210, 240	
				Model No. (PN)	
4	Contactactor	YDHA	AK7 (460/3/60)	AF09-30-10-41 (271836)	
14	Supply fan		AK7 (460/3/60)	ER45C-ZIK.DG.1R 163899/A01 (1013078)	
Item No.	Component	Model	AK Option (V/PH/Hz)	Unit Size	
				120, 150, 180, 210, 240	
				Model No. (PN)	
4	Contactactor	YDMA	AK7 (460/3/60)	AF09-30-10-41 (271836)	
14	Supply fan		AK7 (460/3/60)	ER45C-ZIK.DG.1R 163899/A01 (1013078)	

Table 9. Option A10 Components (Cabinet Sizes 1, 2, and 3 Only)											
Item No.	Component	Model	AK Option (V/PH/Hz)	Unit Size							
				060		090, 120, 150					
				Model No. (PN)							
12	VFD	YDHA	AK5 (208/3/60)	ACS355-03U-07A5-2 (221609)		ACS355-03U-09A8-2 (221610)					
			AK6 (230/3/60)								
			AK7 (460/3/60)	ACS355-03U-04A1-4 (221616)		ACS355-03U-05A6-4 (221617)					
			AK8 (575/3/60)	ACS550-U1-02A7-6 (221855)		ACS550-U1-0309-6 (221856)					
13	Line reactor		AK5 (208/3/60)	KDRA27L (221596)		KDRA28L (221597)					
			AK6 (230/3/60)								
			AK7 (460/3/60)	KDRA1L (221585)		KDRA2L (221586)					
14	Supply fan		AK5 (208/3/60)	ER28C-2DM.D7.1R 112788/AS03 (1013079)		ER45C-4DM.E7.1R 112816/AS03 (1013083)					
			AK6 (230/3/60)								
			AK7 (460/3/60)								
			AK8 (575/3/60)	ER28C-2DM.C7.1R 112788/AS04 (1013080)		ER45C-4DM.E7.1R 112816/AS04 (1013084)					
Item No.	Component	Model	AK Option (V/PH/Hz)	Unit Size							
				180, 210		240		300		360	
				Model No. (PN)							
12	VFD	YDHA, YDMA	AK5 (208/3/60)	ACS550-U1-024A-2 (221621)		ACS550-U1-024A-2 (221621)					
			AK6 (230/3/60)								
			AK7 (460/3/60)*	ACS355-03U-12A5-4+J404 (221619)		ACS550-U1-012A-4 (284560)					
			AK8 (575/3/60)	ACS550-U1-09A0-6 (221858)		ACS550-U1-09A0-6 (221858)					
			AK12 (400/3/50)*	ACS355-03U-12A5-4+J404 (221619)		ACS550-U1-012A-4 (284560)					
14	Supply fan		AK5 (208/3/60)	ER50C-4DM.G7.1R (235687)		ER50C-4DM.G7.1R (235687)					
			AK6 (230/3/60)								
			AK7 (460/3/60)*								
			AK8 (575/3/60)	ER50C-4DM.G7.1R (235688)		ER50C-4DM.G7.1R (235688)					
			AK12 (400/3/50)*	ER50C-4DM.G7.1R (235687)		ER50C-4DM.G7.1R (235687)					

ELECTRICAL COMPONENTS—CONTINUED

Table 9. Option A10 Components (Cabinet Sizes 1, 2, and 3 Only) —Continued

Item No.	Component	Model	AK Option (V/PH/Hz)	Unit Size							
				060, 090		120, 150, 180					
				Model No. (PN)							
12	VFD	YDMA	AK5 (208/3/60)	ACS355-03U-07A5-2 (221609)		ACS355-03U-09A8-2 (221610)					
			AK6 (230/3/60)								
			AK7 (460/3/60)	ACS355-03U-04A1-4 (221616)		ACS355-03U-05A6-4 (221617)					
			AK8 (575/3/60)	ACS550-U1-02A7-6 (221855)		ACS550-U1-0309-6 (221856)					
13	Line reactor		AK5 (208/3/60)	KDRA27L (221596)		KDRA28L (221597)					
			AK6 (230/3/60)								
			AK7 (460/3/60)	KDRA1L (221585)		KDRA2L (221586)					
14	Supply fan		AK5 (208/3/60)	ER28C-2DM.D7.1R 112788/AS03 (1013079)		ER45C-4DM.E7.1R 112816/AS03 (1013083)					
			AK6 (230/3/60)								
			AK7 (460/3/60)								
			AK8 (575/3/60)	ER28C-2DM.C7.1R 112788/AS04 (1013080)		ER45C-4DM.E7.1R 112816/AS04 (1013084)					
Item No.	Component		Model	AK Option (V/PH/Hz)	Unit Size						
		120			150		180		210		
		Model No. (PN)									
12	VFD	YDSA	AK5 (208/3/60)	ACS550-U1-024A-2 (221621)		ACS550-U1-024A-2 (221621)					
			AK6 (230/3/60)								
			AK7 (460/3/60)	ACS550-U1-012A-4 (284560)		ACS550-U1-012A-4 (284560)					
			AK8 (575/3/60)	ACS550-U1-09A0-6 (221858)		ACS550-U1-09A0-6 (221858)					
			AK12 (400/3/50)	ACS550-U1-012A-4 (284560)		ACS550-U1-012A-4 (284560)					
14	Supply fan		AK5 (208/3/60)	ER50C-4DM.G7.1R (235687)		ER50C-4DM.G7.1R (235687)					
			AK6 (230/3/60)								
			AK7 (460/3/60)								
			AK8 (575/3/60)	ER50C-4DM.G7.1R (235688)		ER50C-4DM.G7.1R (235688)					
			AK12 (400/3/50)	ER50C-4DM.G7.1R (235687)		ER50C-4DM.G7.1R (235687)					
*Unit sizes 210 and 240 include line reactor, item number 13, model KDRA4L (PN 221588).											

*Unit sizes 210 and 240 include line reactor, item number 13, model KDRA4L (PN 221588).

Table 10. Option A10E Components

Item No.	Component	Model (Cabinet Size)	AK Option (V/PH/Hz)	Unit Size	
				062, 092	
				Model No. (PN)*	
4	Contactor	YDHA, YDMA (0)	AK5 (208/3/60)	AF09-30-10-41 (271836)	
			AK6 (230/3/60)		
			AK7 (460/3/60)*		
14	Supply fan		AK5 (208/3/60)	R36310-AX64-11 (259953)	
			AK6 (230/3/60)		
			AK7 (460/3/60)*	R3G310-AX52-90 (259351)	
Item No.	Component	Model (Cabinet Size)	AK Option (V/PH/Hz)	Unit Size	
				060	090, 120, 150, 180, 210, 240
				Model No. (PN)*	
4	Contactor	YDHA (1, 2, 3)	AK5 (208/3/60)	AF09-30-10-41 (271836)	AF12-30-10-41 (271999)
			AK6 (230/3/60)		
			AK7 (460/3/60)		
			AK12 (400/3/50)		
14	Supply fan		AK5 (208/3/60)	ER31C-ZID.DC.1R (235653)	ER45C-ZID.GG.1R (235655)
			AK6 (230/3/60)		
			AK7 (460/3/60)	ER31C-ZID.DC.1R (235656)	ER45C-ZID.GG.1R (235658)
			AK12 (400/3/50)		

Table 10. Option A10E Components—Continued					
Item No.	Component	Model (Cabinet Size)	AK Option (V/PH/Hz)	Unit Size	
				060, 090	120, 150, 180, 210, 240
				Model No. (PN)*	
4	Contactor	YDMA (1, 2, 3)	AK5 (208/3/60)	AF09-30-10-41 (271836)	AF12-30-10-41 (271999)
			AK6 (230/3/60)		AF09-30-10-41 (271836)
			AK7 (460/3/60)		
			AK12 (400/3/50)		
14	Supply fan		AK5 (208/3/60)	ER31C-ZID.DC.1R (235653)	ER45C-ZID.GG.1R (235655)
			AK6 (230/3/60)	ER31C-ZID.DC.1R (235656)	ER45C-ZID.GG.1R (235658)
			AK7 (460/3/60)		
			AK12 (400/3/50)		

*Overload relay, item number 15, was included on some early production units, but is not required.

*Overload relay, item number 15, was included on some early production units, but is not required.

Table 11. Option A11 Components (Cabinet Sizes 1, 2, and 3 Only)							
Item No.	Component	Model	AK Option (V/PH/Hz)	Unit Size			
				060	090	120	150
				Model No. (PN)			
12	VFD	YDHA	AK3 (230/1/60)	ACS350-01U-09A8-2+J404 (221604)	—	—	
			AK5 (208/3/60)	ACS355-03U-09A8-2+J404 (221610)	ACS355-03U-17A6-2+J404 (221611)	ACS355-03U-17A6-2+J404 (221611)	
			AK6 (230/3/60)	ACS355-03U-05A6-4+J404 (221617)	ACS355-03U-08A8-4+J404 (221618)	ACS355-03U-08A8-4+J404 (221618)	
			AK7 (460/3/60)	ACS355-03U-05A6-4+J404 (221617)	ACS355-03U-08A8-4+J404 (221618)	ACS355-03U-08A8-4+J404 (221618)	
			AK8 (575/3/60)	ACS550-U1-03A9-6 (221856)	ACS550-U1-06A1-6 (221857)	ACS550-U1-06A1-6 (221857)	
13	Line reactor		AK12 (400/3/50)	ACS355-03U-05A6-4+J404 (221617)	ACS355-03U-08A8-4+J404 (221618)	ACS355-03U-08A8-4+J404 (221618)	
			AK3 (230/1/60)	KDRB22L (221599)	—	—	
			AK5 (208/3/60)	KDRA28L (221597)	KDRB22L (221599)	KDRB22L (221599)	
			AK6 (230/3/60)	KDRA2L (221586)	KDRA3L (221587)	KDRA3L (221587)	
			AK7 (460/3/60)				
14	Supply fan		AK12 (400/3/50)	ER28C-2DM.D7.1R (272639)	—	—	
			AK3 (230/1/60)	ER28C-2DM.D7.1R (272430)	ER45C-4DM.F7.1R (268505)	ER45C-4DM.F7.1R (268505)	
			AK5 (208/3/60)	ER28C-2DM.D7.1R (268504)			
			AK6 (230/3/60)	ER28C-2DM.D7.1R (268504)	ER45C-4DM.F7.1R (272433)	ER45C-4DM.F7.1R (272433)	
		AK7 (460/3/60)	ER28C-2DM.D7.1R (272432)	ER45C-4DM.F7.1R (268505)	ER45C-4DM.F7.1R (268505)		
Item No.	Component	Model	AK Option (V/PH/Hz)	Unit Size			
				180	210, 240	300	360
				Model No. (PN)			
12	VFD	YDHA	AK5 (208/3/60)	ACS355-03U-31A0-2+J404 (268522)		ACS355-03U-31A0-2+J404 (268522)	
			AK6 (230/3/60)				
			AK7 (460/3/60)	ACS350-03U-15A6-4+J404 (221620)		CS550-U1-015A-4 (284561)	
			AK8 (575/3/60)	ACS550-U1-011A-6 (221859)		ACS550-U1-011A-6 (221859)	
			AK12 (400/3/50)	ACS350-03U-15A6-4+J404 (221620)		CS550-U1-015A-4 (284561)	
13	Line reactor		AK5 (208/3/60)	KDRD25L (273362)		—	
			AK6 (230/3/60)				
			AK7 (460/3/60)	KDRA5L (221589)			
			AK12 (400/3/50)				
14	Supply fan		AK5 (208/3/60)	ER50C-4DM.H7.1R (268506)		ER50C-4DM.H7.1R (268506)	
			AK6 (230/3/60)				
			AK7 (460/3/60)	ER50C-4DM.H7.1R (272434)		ER50C-4DM.H7.1R (272434)	
			AK12 (400/3/50)	ER50C-4DM.H7.1R (268506)		ER50C-4DM.H7.1R (268506)	

ELECTRICAL COMPONENTS—CONTINUED

Table 11. Option A11 Components (Cabinet Sizes 1, 2, and 3 Only)—Continued							
Item No.	Component	Model	AK Option (V/PH/Hz)	Unit Size			
				060	090	120	150, 180
				Model No. (PN)			
12	VFD	YDMA	AK5 (208/3/60)	ACS355-03U-09A8-2+J404 (221610)		ACS355-03U-17A6-2+J404 (221611)	
			AK6 (230/3/60)				
			AK7 (460/3/60)	ACS355-03U-05A6-4+J404 (221617)		ACS355-03U-08A8-4+J404 (221618)	
			AK8 (575/3/60)	ACS550-U1-03A9-6 (221856)		ACS550-U1-06A1-6 (221857)	
			AK12 (400/3/50)	ACS355-03U-05A6-4+J404 (221617)		ACS355-03U-08A8-4+J404 (221618)	
13	Line reactor		AK5 (208/3/60)	KDRA28L (221597)		KDRB22L (221599)	
			AK6 (230/3/60)				
			AK7 (460/3/60)	KDRA2L (221586)		KDRA3L (221587)	
			AK12 (400/3/50)				
14	Supply fan		AK5 (208/3/60)	ER28C-2DM.D7.1R (272430)		ER45C-4DM.F7.1R (268505)	
			AK6 (230/3/60)	ER28C-2DM.D7.1R (268504)			
			AK7 (460/3/60)				
			AK8 (575/3/60)	ER28C-2DM.D7.1R (272432)		ER45C-4DM.F7.1R (272433)	
			AK12 (400/3/50)	ER28C-2DM.D7.1R (268504)		ER45C-4DM.F7.1R (268505)	
Item No.	Component	Model	AK Option (V/PH/Hz)	Unit Size			
				210	240	300	360
				Model No. (PN)			
12	VFD	YDMA	AK5 (208/3/60)	ACS355-03U-31A0-2+J404 (268522)		ACS355-03U-31A0-2+J404 (268522)	
			AK6 (230/3/60)				
			AK7 (460/3/60)	ACS355-03U-15A6-4+J404 (221620)		ACS550-U1-15A-4 (284561)	
			AK8 (575/3/60)	ACS550-U1-011A-6 (221859)		ACS550-U1-011A-6 (221859)	
			AK12 (400/3/50)	ACS355-03U-15A6-4+J404 (221620)		ACS550-U1-15A-4 (284561)	
13	Line reactor		AK5 (208/3/60)	KDRD25L (273362)		—	
			AK6 (230/3/60)				
			AK7 (460/3/60)	KDRA5L (221589)			
			AK12 (400/3/50)				
14	Supply fan		AK5 (208/3/60)	ER50C-4DM.H7.1R (268506)		ER50C-4DM.H7.1R (268506)	
			AK6 (230/3/60)				
			AK7 (460/3/60)	ER50C-4DM.H7.1R (272434)		ER50C-4DM.H7.1R (272434)	
			AK8 (575/3/60)				
			AK12 (400/3/50)	ER50C-4DM.H7.1R (268506)		ER50C-4DM.H7.1R (268506)	
Item No.	Component	Model	AK Option (V/PH/Hz)	Unit Size			
				120	150	180	210
				Model No. (PN)			
12	VFD	YDSA	AK5 (208/3/60)	ACS355-03U-31A0-2+J404 (268522)		ACS355-03U-31A0-2+J404 (268522)	
			AK6 (230/3/60)				
			AK7 (460/3/60)	ACS355-03U-15A6-4+J404 (221620)		ACS550-U1-015A-4 (284561)	
			AK8 (575/3/60)	ACS550-U1-011A-6 (221859)		ACS550-U1-011A-6 (221859)	
			AK12 (400/3/50)	ACS355-03U-15A6-4+J404 (221620)		ACS550-U1-015A-4 (284561)	
13	Line reactor		AK5 (208/3/60)	KDRD25L (273362)		—	
			AK6 (230/3/60)				
			AK7 (460/3/60)	KDRA5L (221589)			
			AK12 (400/3/50)				
14	Supply fan		AK5 (208/3/60)	ER50C-4DM.H7.1R (268506)		ER50C-4DM.H7.1R (268506)	
			AK6 (230/3/60)				
			AK7 (460/3/60)	ER50C-4DM.H7.1R (272434)		ER50C-4DM.H7.1R (272434)	
			AK8 (575/3/60)				
			AK12 (400/3/50)	ER50C-4DM.H7.1R (268506)		ER50C-4DM.H7.1R (268506)	

Table 12. Option A12 Components (Cabinet Sizes 1, 2, and 3 Only)

Item No.	Component	Model	AK Option (V/PH/Hz)	Unit Size	
				090, 120, 150	180, 210, 240, 300, 360
				Model No. (PN)	
12	VFD	YDHA	AK5 (208/3/60)	ACS550-U1-024A-2 (221621)	ACS550-U1-046A-2 (221623)
			AK6 (230/3/60)		
			AK7 (460/3/60)	ACS355-03U-12A5-4 (221619)	ACS550-U1-023A-4 (221627)
			AK8 (575/3/60)	ACS550-U1-09A0-6 (221858)	ACS550-U1-017A-6 (221860)
13	Line reactor		AK7 (460/3/60)	KDRA4L (221588)	—
14	Supply fan		AK5 (208/3/60)	ER45C-4DM.G7.1R 112818/AS03 (1013085)	ER50C-4DM.I7.1R 112826/AS03 (1013089)
			AK6 (230/3/60)		
			AK7 (460/3/60)		
			AK8 (575/3/60)	ER45C-4DM.G7.1R 112818/AS04 (1013086)	ER50C-4DM.I7.1R 112826/AS04 (1013090)
Item No.	Component	Model	AK Option (V/PH/Hz)	Unit Size	
				120, 150, 180	210, 240, 300, 360
				Model No. (PN)	
12	VFD	YDMA	AK5 (208/3/60)	ACS550-U1-024A-2 (221621)	ACS550-U1-046A-2 (221623)
			AK6 (230/3/60)		
			AK7 (460/3/60)	ACS355-03U-12A5-4 (221619)	ACS550-U1-023A-4 (221627)
			AK8 (575/3/60)	ACS550-U1-09A0-6 (221858)	ACS550-U1-017A-6 (221860)
13	Line reactor		AK7 (460/3/60)	KDRA4L (221588)	—
14	Supply fan		AK5 (208/3/60)	ER45C-4DM.G7.1R 112818/AS03 (1013085)	ER50C-4DM.I7.1R 112826/AS03 (1013089)
			AK6 (230/3/60)		
			AK7 (460/3/60)		
			AK8 (575/3/60)	ER45C-4DM.G7.1R 112818/AS04 (1013086)	ER50C-4DM.I7.1R 112826/AS04 (1013090)

Table 13. High Venter Combustion Air Pressure Switches

Cabinet Size	Heat Section Option	Heat Size (BTUh)	Sea Level to 6000 Feet (1830 Meters)					Above 6000 Feet (1830 Meters)		
			Startup Cold*	Equilibrium Hot*	Setpoint Off*	Label Color	PN	Setpoint Off*	Label Color	PN
0	H50	50,000	1.20	0.72	0.40	Green	197030	0.35	Purple	197031
1, 2, 3	H50	50,000	3.10	2.00	1.50	Yellow	273360	1.45	Orange	273555
	H75	75,000	3.30	1.60	1.40	Red	201159	1.35	Green	273554
0	H100	100,000	1.30	0.76	0.55	White	196362	0.50	Orange	196388
1, 2, 3	H100	100,000	3.40	1.70	1.40	Red	201159	1.35	Green	273554
	H102**	50,000	3.10	2.00	1.50	Yellow	273360	1.45	Orange	273555
0	H120	120,000	1.10	0.65	0.50	Orange	196388	0.45	Pink	197032
1, 2, 3	H125**	50,000	3.10	2.00	1.50	Yellow	273360	—		
		75,000	3.30	1.60	1.40	Red	201159			
0	H150	150,000	1.40	0.78	0.60	Light blue	197029	0.55	White	196362
1, 2, 3	H150**	75,000	3.30	1.60	1.40	Red	201159	1.35	Green	273554
		75,000	3.30	1.60	1.40	Red	201159	1.35	Green	273554
	H175**	100,000	3.40	1.70	1.40	Red	201159	1.35	Green	273554
		100,000	3.40	1.70	1.40	Red	201159	1.35	Green	273554
	H200	200,000	3.80	1.80	1.40	Red	201159	1.35	Green	273554
	H202**	100,000	3.40	1.70	1.40	Red	201159	1.35	Green	273554
	H250	250,000	3.50	1.70	1.30	White	201161	1.25	Blue	273553
	H300	300,000	3.90	1.90	1.50	Yellow	273360	1.45	Orange	273555

ELECTRICAL COMPONENTS—CONTINUED

Table 13. High Venter Combustion Air Pressure Switches—Continued

Cabinet Size	Heat Section Option	Heat Size (BTUh)	Sea Level to 6000 Feet (1830 Meters)					Above 6000 Feet (1830 Meters)		
			Startup Cold*	Equilibrium Hot*	Setpoint Off*	Label Color	PN	Setpoint Off*	Label Color	PN
1, 2, 3	H400	400,000	3.80	1.80	1.50	Yellow	273360	1.45	Green	273555
	H402**	200,000	3.80	1.80	1.40	Red	201159	1.35	Green	273554
	H502	200,000	3.80	1.80	1.40	Red	201159	1.35	Green	273554
		300,000	3.90	1.90	1.50	Yellow	273360	1.45	Orange	273555
	H602**	300,000	3.90	1.90	1.50	Yellow	273360	1.45	Orange	273555
	H702	300,000	3.90	1.90	1.50	Yellow	273360	1.45	Orange	273555
		400,000	3.80	1.80	1.50	Yellow	273360	1.45	Orange	273555
	H802**	400,000	3.80	1.80	1.50	Yellow	273360	1.45	Orange	273555
	G150	150,000	2.70	2.20	1.40	Red	201159	1.35	Green	273554
	G225	225,000	2.90	2.50	1.40	Red	201159	1.35	Green	273554
	G300	300,000	2.70	2.50	1.30	White	201161	1.25	Blue	273553
	G302**	150,000	2.70	2.20	1.40	Red	201159	1.35	Green	273554
	G372	150,000	2.70	2.20	1.40	Red	201159	1.35	Green	273554
		225,000	2.90	2.50	1.40	Red	201159	1.35	Green	273554
	G452**	225,000	2.90	2.50	1.40	Red	201159	1.35	Green	273554
	G525	225,000	2.90	2.20	1.40	Red	201159	1.35	Green	273554
		300,000	2.70	2.50	1.30	White	201161	1.25	Blue	273553
	G602**	300,000	2.70	2.50	1.30	White	201161	1.25	Blue	273553

*Negative pressure (IN WC).

**Heat sections with dual furnaces. When only one size is listed, both furnaces are the same size and two identical high pressure switches (item 36) are used. Dual furnace heat sections with electronic modulation option AG74 have one low pressure switch (item 37).

Table 14. Low Venter Combustion Air Pressure Switches

Cabinet Size	Heat Section Option	Heat Size (Btuh)	Sea Level to 6000 Feet (1830 Meters) (Options AG73 and AG74 Only)								
			Startup Cold*	Equilibrium Hot*	Setpoint Off*	Label Color	PN	% Full Speed of Venter Motor			
								230, 460, 575V		208V	
								Natural Gas	Propane	Natural Gas	Propane
0	H50	50,000	1.20	0.26	0.10	White	234712	37	37	40	40
1, 2, 3	H50	50,000	3.50	1.30	0.75	Yellow	205443	74	74	82	82
	H75	75,000	3.30	1.30	1.00	Brown	201160	74	74	82	82
0	H100	100,000	1.30	0.31	0.10	White	234712	42	42	47	48
1, 2, 3	H100	100,000	3.40	1.20	1.00	Brown	201160	74	74	82	82
	H102**	50,000	3.50	1.30	0.75	Yellow	205443	74	74	82	82
0	H120	120,000	1.10	0.34	0.10	White	234712	48	45	48	48
1, 2, 3	H125**	75,000	3.30	1.30	1.00	Brown	201160	74	74	82	82
0	H150	150,000	1.40	0.42	0.10	White	234712	58	48	58	54
1, 2, 3	H150**	75,000	3.30	1.30	1.00	Brown	201160	74	74	82	82
	H175**	100,000	3.40	1.20	1.00	Brown	201160	74	74	82	82
	H200	200,000	3.80	0.90	0.75	Yellow	205443	42	42	54	54
	H202**	100,000	3.40	1.20	1.00	Brown	201160	74	74	82	82
	H250	250,000	3.50	0.90	0.75	Yellow	205443	50	50	54	54
	H300	300,000	3.90	0.90	0.75	Yellow	205443	48	48	56	56
	H400	400,000	3.80	1.00	0.80	Gray	197078	58	58	64	64
	H402**	200,000	3.80	0.90	0.75	Yellow	205443	42	42	54	54
	H502	300,000	3.90	0.90	0.75	Yellow	205443	48	48	56	56
	H602**	300,000	3.90	0.90	0.75	Yellow	205443	48	48	56	56
	H702	400,000	3.80	1.00	0.80	Gray	197078	58	58	64	64

*Negative pressure (IN WC)

**Heat sections with dual furnaces. When only one size is listed, both furnaces are the same size and two identical high pressure switches (item 36) are used. Dual furnace heat sections with electronic modulation option AG74 have one low pressure switch (item 37).

NOTE: Low pressure switch not used on the following heat section options: H125 (50,000 BTUh), H175 (75,000 BTUh), H502 (200,000 BTUh), H702 (300,000 BTUh), G372 (150,000 BTUh), G525 (225,000 BTUh).

Table 14. Low Venter Combustion Air Pressure Switches—Continued

Cabinet Size	Heat Section Option	Heat Size (Btuh)	Sea Level to 6000 Feet (1830 Meters) (Options AG73 and AG74 Only)								
			Startup Cold*	Equilibrium Hot*	Setpoint Off*	Label Color	PN	% Full Speed of Venter Motor			
								230, 460, 575V		208V	
								Natural Gas	Propane	Natural Gas	Propane
1, 2, 3	H802**	400,000	3.80	1.00	0.80	Gray	197078	58	58	64	64
	G150	150,000	2.70	1.70	0.10	White	234712	61	61	74	74
	G225	225,000	2.90	1.30	0.10	White	234712	61	61	74	74
	G300	300,000	2.70	0.90	0.10	White	234712	61	61	74	74
	G302**	150,000	2.70	1.70	0.10	White	234712	61	61	74	74
	G372	225,000	2.90	1.30	0.10	White	234712	61	61	74	74
	G452**	225,000	2.90	1.30	0.10	White	234712	61	61	74	74
	G525	300,000	2.70	0.90	0.10	White	234712	61	61	74	74
	G602**	300,000	2.70	0.90	0.10	White	234712	61	61	74	74

*Negative pressure (IN WC)

**Heat sections with dual furnaces. When only one size is listed, both furnaces are the same size and two identical high pressure switches (item 36) are used. Dual furnace heat sections with electronic modulation option AG74 have one low pressure switch (item 37).

NOTE: Low pressure switch not used on the following heat section options: H125 (50,000 BTUh), H175 (75,000 BTUh), H502 (200,000 BTUh), H702 (300,000 BTUh), G372 (150,000 BTUh), G525 (225,000 BTUh).

Table 15. Venter Motor Speed Controls

Cabinet Size	AK Option (V/PH/Hz)	Heat Section Option	Natural Gas	Propane	% of Full Speed	DIP Switch Settings								
			PN			1	2	3	4	5	6	7	8	
0	AK3 (230/1/60)	H50	1005547		37	ON	ON	ON	OFF	OFF	OFF	ON	ON	
		H100	235286		42	ON	ON	OFF	ON	OFF	OFF	ON	ON	
	AK6 (230/3/60)	H120	—	1005549	45	OFF	ON	ON	ON	OFF	OFF	ON	ON	
			235287	—	48	OFF	OFF	OFF	OFF	ON	OFF	ON	ON	
	AK7 (460/3/60)	H150	—	235287	48	OFF	OFF	OFF	OFF	ON	OFF	ON	ON	
			235288	—	58	ON	OFF	OFF	ON	ON	OFF	ON	ON	
	AK8 (575/3/60)	AK5 (208/3/60)	H50	1005548		40	ON	OFF	OFF	ON	OFF	OFF	ON	ON
			H100	1005550	—	47	ON	ON	ON	ON	OFF	OFF	ON	ON
				—	235287	48	OFF	OFF	OFF	OFF	ON	OFF	ON	ON
			H120	235287		48	OFF	OFF	OFF	OFF	ON	OFF	ON	ON
			H150	235288	—	58	ON	OFF	OFF	ON	ON	OFF	ON	ON
				—	235638	54	ON	OFF	ON	OFF	ON	OFF	ON	ON
1, 2, 3	AK3 (230/1/60) AK6 (230/3/60) AK7 (460/3/60) AK8 (575/3/60)	H50, H75, H100, H102, H125, H150, H175, H202	235290		74	OFF	ON	ON	OFF	OFF	ON	ON	ON	
		H200, H402	235286		42	ON	ON	OFF	ON	OFF	OFF	ON	ON	
		H250	1011168		50	OFF	ON	OFF	OFF	ON	OFF	ON	ON	
		H300, H502, H602	235287		48	OFF	OFF	OFF	OFF	ON	OFF	ON	ON	
		G150, G225, G300, G302, G372, G452, G525, G602	235289		61	ON	ON	OFF	ON	ON	OFF	ON	ON	
		H400, H702, H802	235288		58	ON	OFF	OFF	ON	ON	OFF	ON	ON	
	AK5 (208/3/60)	H50, H75, H100, H102, H125, H150, H175, H202	235639		82	OFF	ON	ON	ON	OFF	ON	ON	ON	
		H200, H402, H250	235638		54	ON	OFF	ON	OFF	ON	OFF	ON	ON	
		H300, H502, H602	213576		56	ON	ON	ON	OFF	ON	OFF	ON	ON	
		G150, G225, G300, G302, G372, G452, G525, G602	235290		74	OFF	ON	ON	OFF	OFF	ON	ON	ON	
		H400, H702, H802	213580		64	OFF	ON	ON	ON	ON	OFF	ON	ON	

ELECTRICAL COMPONENTS—CONTINUED

Table 16. Non-Fusible Disconnect Switches

Table 16. Non-Fusible Disconnect Switches						
Model	Unit Size	Voltage	Option	Amp	PN	
YDHA, YDMA	060, 062, 090, 092, 120, 150, 180, 210, 240, 300, or 360	208, 230, 460, or 575	BA6A	60	205906	
			BA6B	80	205907	
			BA6C	100	205908	
YDSA	120, 150, 180, or 210		BA6D	125	207678	
			BA6E	200	207679	
			BA6F	250	222422	

Table 17. Raintight Disconnect Switches

Description	US		Canada	
	Option	PN	Option	PN
60 amp, 240 volt, fusible	CP17	89932	—	
100 amp, 240 volt, fusible	CP18	90973		
200 amp, 240 volt, fusible	CP19	91076		
400 amp, 240 volt, fusible	CP72	223658		
60 amp, 600 volt, fusible	CP20	90974	CP44	208048
100 amp, 600 volt, fusible	CP36	155010	CP46	208174
200 amp, 600 volt, fusible	CP37	155011	CP48	208176
400 amp, 600 volt, fusible	CP76	223659	CP80	223661

Table 18. Terminal Blocks*

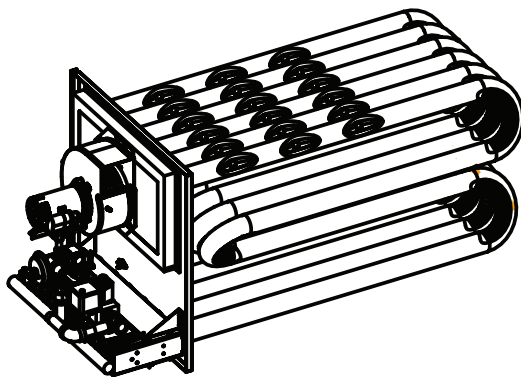
Color	PN
Gray	272489
Orange	272490
Blue	272791
Black	272492
Red	272493
Ivory	272494
Yellow	272495
Green	272496
—**	272497

*Used in low voltage, high voltage, and gas heat control panels.

**End section.

HEAT SECTION MODULES

Single Heat Section Module Assemblies



Dual Heat Section Module Assemblies

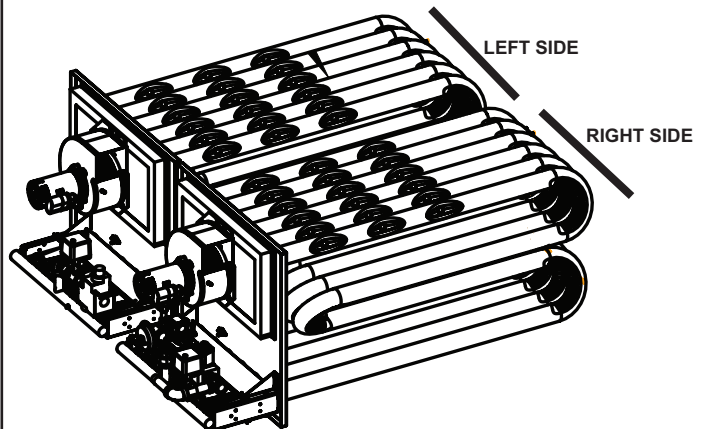


Figure 13. Heat Section Module Assemblies (Refer to [Table 19](#))

Table 19. Heat Section Module Assemblies

Cabinet Size	Heat Type	Single Heat		Dual Heat		
		Heat Section Option	PN	Heat Section Option	Left Side	Right Side
					PN	
0	Standard efficiency gas heat	H50	1011144		—	
		H100	1011145			
		H120	1011146			
		H150	1011147			
1	Standard efficiency gas heat	H50	272355	H50	—	
		H75	272356	H75		
		H100	272357	H100		
		H102	—	H102	272355	272355
		H125		H125	272355	272356
		H150		H150	272356	272356
		H175		H175	272356	272357
		H200	272358	H200	—	
		H202	—	H202	272357	272357
		H250	1011167	H250	—	
		H300	272359	H300		
		H400	272360	H400		
		H402	—	H402	272358	272358
	High efficiency gas heat	G150	273379	G150	—	
		G225	273380	G225		
		G300	273381	G300		
		G302	—	G302	273379	273379
		G372		G372	273379	273380
2	Standard efficiency gas heat	H75	272356	H75	—	
		H100	272357	H100		
		H102	—	H102	272355	272355
		H125		H125	272355	272356
		H150		H150	272356	272356
		H175		H175	272356	272357
		H200	272358	H200	—	
		H202	—	H202	272357	272357
		H250	1011167	H250	—	
		H300	272359	H300		
		H400	272360	H400		
		H402	—	H402	272358	272358
		H502		H502	272358	272359
		H602		H602	272359	272359
	High efficiency gas heat	G150	273379	G150	—	
		G225	273380	G225		
		G300	273381	G300		
		G302	—	G302	273379	273379
		G372		G372	273379	273380
		G452		G452	273380	273380

HEAT SECTION MODULES—CONTINUED

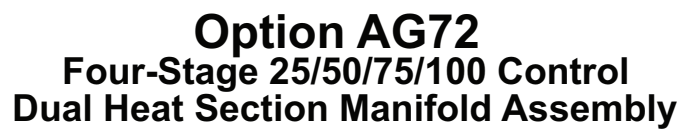
Table 19. Heat Section Module Assemblies—Continued						
Cabinet Size	Heat Type	Single Heat		Dual Heat		
		Heat Section Option	PN	Heat Section Option	Left Side	Right Side
					PN	
3	Standard efficiency gas heat	H150	—	H150	272356	272356
		H175		H175	272356	272357
		H200	272358	H200	—	
		H202	—	H202	272357	272357
		H250	1011167	H250	—	
		H300	272359	H300		
		H400	272360	H400		
		H402	—	H402	272358	272358
		H502		H502	272358	272359
		H602		H602	272359	272359
		H702		H702	272359	272360
		H802		H802	272360	272360
	High efficiency gas heat	G150	273379	G150	—	
		G225	273380	G225		
		G300	273381	G300		
		G302	—	G302	273379	273379
		G372		G372	273379	273380
		G452		G452	273380	273380
		G525		G525	273380	273381
		G602		G602	273381	273381

GAS HEAT COMPONENTS

NOTES:

- Option AG71: gas heat components included with option AG71 are shown in [Figure 14](#) and listed in [Table 20](#).
- Option AG72: gas heat components included with option AG72 are shown in [Figure 15](#) and listed in [Table 21](#).
- Option AG73: gas heat components included with option AG73 are shown in [Figure 14](#) and listed in [Table 20](#).
- Option AG74: gas heat components included with option AG74 are shown in [Figure 15](#) and listed in [Table 21](#).
- Individual gas heat components are shown in [Figure 16](#).
- Heat sections illustrated are standard efficiency, non-condensing furnaces. Controls for condensing furnaces are the same except for venter assemblies.
- Natural gas option AA1 includes either an option BP1 standard manifold or an option BP4 manifold with high and low pressure switches. Propane option AA2 includes either an option BP1 standard manifold or an option BP4 manifold with high and low pressure switches.

← Heat Section 2 → ← Heat Section 1 →



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Table 20. Gas Heat Components (Single Heat Section)

Option AG71 (See Figure 14)											
Item No.	Component	Standard Efficiency Gas Heat						High Efficiency Gas Heat			
		Heat Section Option									
		H50	H75	H100	H200	H250	H300	H400	G150	G225	G300
		PN									
1	Heat exchanger assembly	Refer to Table 19									
2	Spark ignitor*	272742				272742				272742	
3	Limit control*	272740	272741			272740		272741		272740	
4	Flame sensor*	272743				272743				272743	
5	Gas valve, option AA1 (natural gas)*	177396				177397				177396	177397
	Gas valve, option AA2 (propane)*	—			177395	177398				—	
6	Low gas pressure switch, option BP4*	204375				204375				204375	
7	High gas pressure switch, option BP4*	204297				204297				204297	
8	Venter assembly	Refer to Table 35 and Table 36									
9	Flame sensor wire assembly	1020677				1020677				1020677	
10	Ignitor wire assembly	1020676				1020676				1020676	
Option AG73 (See Figure 14) for Cabinet Size 0 Units											
Item No.	Component	Heat Section Option—Standard Efficiency Gas Heat									
		H50		H100		H120			H150		
		PN									
		Refer to Table 19									
1	Heat exchanger assembly	Refer to Table 19									
2	Spark ignitor*	207502				207502					
3	Limit control*	272740				272740					
4	Flame sensor*	147165				147165					
5	Gas valve, option AA1 (natural gas)*	260604				260604					
	Gas valve, option AA2 (propane)*	260606				260606					
6	Low gas pressure switch, option BP4*	204375				204375					
7	High gas pressure switch, option BP4*	204297				204297					
8	Venter assembly	Refer to Table 37									
9	Modulating valve, option AA1 (natural gas)*	273587				271840					
	Modulating valve, option AA2 (propane)*	273587				273587					
10	Gas pressure switch, option AA1 (natural gas)*	211130				211130					
	Gas pressure switch, option AA2 (propane)*	211710				211710					
11	Inshot burner	164870				164870					
12	Flame sensor wire assembly (not shown)	1028089				1028089					
Option AG73 (See Figure 14) for Cabinet Size 1, 2, and 3 Units											
Item No.	Component	Standard Efficiency Gas Heat						High Efficiency Gas Heat			
		Heat Section Option									
		H50	H75	H100	H200	H250	H300	H400	G150	G225	G300
		PN									
1	Heat exchanger assembly	Refer to Table 19									
2	Spark ignitor (typical all AA options)*	272742				272742				272742	
3	Limit control*	272740	272741			272740		272741		272740	
4	Flame sensor (typical all AA options)*	272743				272743				272743	
5	Gas valve, option AA1 (natural gas)*	260604				150839				260604	150839
	Gas valve, option AA2 (propane)*	—			260606	150840				—	
6	Low gas pressure switch, option BP4*	204375				204375				204375	
7	High gas pressure switch, option BP4*	204297				204297				204297	
8	Venter assembly	Refer to Table 35 and Table 36									
9	Modulating valve, option AA1 (natural gas)*	273587		271840	273588**				271840	273588**	
	Modulating valve, option AA2 (propane)*	—			271840		273588**		—		
10	Gas pressure switch, option AA1 (natural gas)*	211130				211130				211130	
	Gas pressure switch, option AA2 (propane)*	211710				211710				211710	
11	Flame sensor wire assembly	1020677				1020677				1020677	
12	Ignitor wire assembly	1020676				1020676				1020676	
*Also shown in Figure 16 .											
**Valve has been replaced by the manufacturer. If this valve is replaced, adjust the valve in accordance with the manufacturer's instructions.											

GAS HEAT COMPONENTS—CONTINUED

Table 21. Gas Heat Components (Dual Heat Section)											
Option AG72 (See Figure 15)											
Item No.	Component	Heat Section Option—Standard Efficiency Gas Heat									
		H102	H125	H150	H175	H202	H402	H502	H602	H702	H802
		PN									
1	Heat exchanger assembly	Refer to Table 19									
2	Spark ignitor*	272742			272742				272742		
3	Limit control*	272740			272741				272740		272741
4	Limit control*	272740	272741		272740	272741			272740		272741
5	Gas valve, option AA1 (natural gas)*	177396			177396				177397		
	Gas valve, option AA2 (propane)*	—			—		177395		177398		
6	Flame sensor (typical all AA options)*	272743			272743				272743		
7	High gas pressure switch, option BP4*	204297			204297				204297		
8	Venter assembly	Refer to Table 35									
9	Gas valve, option AA1 (natural gas)*	177396			177396				177397		
	Gas valve, option AA2 (propane)*	—			—		177395		177398		
10	Low gas pressure switch, option BP4*	204375			204375				204375		
11	Flexible gas connection*	273794			273794				120875		
12	Flame sensor wire assembly	1020677			1020677				1020677		
13	Ignitor wire assembly	1020676			1020676				1020676		
Item No.	Component	Heat Section Option—High Efficiency Gas Heat									
		G302		G372		G452		G525		G602	
		PN									
1	Heat exchanger assembly	Refer to Table 19									
2	Spark ignitor*	272742				272742					
3	Limit control*	272740				272740					
4	Limit control*	272740				272740					
5	Gas valve, option AA1 (natural gas)*	177396				177397					
6	Flame sensor (typical all AA options)*	272743				272743					
7	High gas pressure switch, option BP4*	204297				204297					
8	Venter assembly	Refer to Table 36									
9	Gas valve, option AA1 (natural gas)*	177396	177397			177397					
10	Low gas pressure switch, option BP4*	204375				204375					
11	Flexible gas connection*	273794				120875					
12	Flame sensor wire assembly	1020677			1020677				1020677		
13	Ignitor wire assembly	1020676			1020676				1020676		

*Also shown in Figure 16.

*Also shown in Figure 16.

Table 21. Gas Heat Components (Dual Heat Section)—Continued

Option AG74 (See Figure 15)											
Item No.	Component	Heat Section Option—Standard Efficiency Gas Heat									
		H102	H125	H150	H175	H202	H402	H502	H602	H702	H802
		PN									
1	Heat exchanger assembly	Refer to Table 19									
2	Spark ignitor (typical all AA options)*	272742			272742				272742		
3	Limit control (typical all AA options)*	272740			272741				272740		272741
4	Limit control (typical all AA options)*	272740	272741		272740	272741			272740		272741
5	Gas valve, option AA1 (natural gas)*	177396			177396			177397			
	Gas valve, option AA2 (propane)*	—			—		177395		177398		
6	Flame sensor (typical all AA options)*	272743			272743				272743		
7	High gas pressure switch, option BP4*	204297			204297				204297		
8	Venter assembly	Refer to Table 35									
9	Gas valve, option AA1 (natural gas)*	—			—		260604	150839			
	Gas valve, option AA2 (propane)*	—			—		260606	150840			
10	Low gas pressure switch, option BP4*	204375			204375				204375		
11	Flexible gas connection*	273794			273794				120875		
12	Modulating valve, option AA1 (natural gas)*	273587			273587		271840	273588**			
	Modulating valve, option AA2 (propane)*	—			—		271840		273588**		
13	Gas pressure switch, option AA1 (natural gas)*	211130			211130				211130		
	Gas pressure switch, option AA2 (propane)*	211710			211710				211710		
14	Flame sensor wire assembly	1020677			1020677				1020677		
15	Ignitor wire assembly	1020676			1020676				1020676		
Item No.	Component	Heat Section Option—High Efficiency Gas Heat									
		G150		G302		G372, G452		G525		G602	
		PN									
1	Heat exchanger assembly	Refer to Table 19									
2	Spark ignitor (typical all AA options)*	272742				272742					
3	Limit control (typical all AA options)*	—		272740		272740					
4	Gas valve, option AA1 (natural gas)*	—		177396		177397					
	Gas valve, option AA2 (propane)*	—				—					
5	Flame sensor (typical all AA options)*	272743				272743					
6	High gas pressure switch, option BP4*	204297				204297					
7	Venter assembly	Refer to Table 36									
8	Gas valve, option AA1 (natural gas)*	150839		260604		150839					
	Gas valve, option AA2 (propane)*	150840		—		—					
9	Low gas pressure switch, option BP4*	204375				204375					
10	Flexible gas connection*	—		273794		273794		120875			
11	Modulating valve, option AA1 (natural gas)*	—		271840		273588**					
	Modulating valve, option AA2 (propane)*	—				—					
12	Gas pressure switch, option AA1 (natural gas)*	211130				211130					
	Gas pressure switch, option AA2 (propane)*	211710				211710					
13	Flame sensor wire assembly	1020677			1020677				1020677		
14	Ignitor wire assembly	1020676			1020676				1020676		

*Also shown in [Figure 16](#).

**Valve has been replaced by the manufacturer. If this valve is replaced, adjust the valve in accordance with the manufacturer's instructions.

GAS HEAT COMPONENTS—CONTINUED

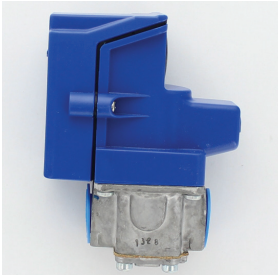
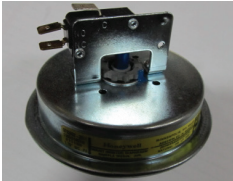
Item 2: Spark Ignitor		Items 3 and 4: Limit Control		Item 6: Flame Sensor	
Item 5: Gas Valve		Item 10: Low Gas Pressure Switch (Option BP4)		Item 7: High Gas Pressure Switch (Option BP4)	
Item 12: Modulating Valve		Item 11: Flexible Gas Connection		Item 13: Gas Pressure Switch	

Figure 16. Individual Gas Heat Components (Refer to [Table 20](#) and [Table 21](#))

ELEVATION ADJUSTMENT OPTIONS FOR GAS ORIFICE REPLACEMENT

NOTES:

- When gas orifice (see [Figure 17](#)) replacement is required on US installations, refer to [Table 22](#) and [Table 23](#) to select the appropriate elevation adjustment (AB) option.
- For Canadian installations below 2,000 feet (600 meters), select option AB1. For Canadian installations above 2,000 feet (600 meters), select option AB4.

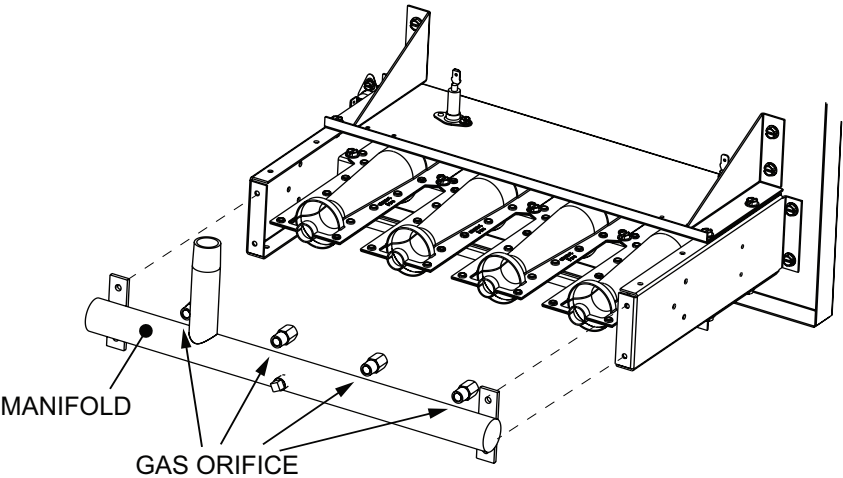


Figure 17. Gas Orifices

Table 22. Elevation Adjustment (AB) Options for Natural Gas (AA1) Units

Heat Section Option	AB1 (0–2000 Feet)		AB2 (2001–3000 Feet)		AB3 (3001–4000 Feet)		AB4 (4001–5000 Feet)		Quantity
	PN	Marking	PN	Marking	PN	Marking	PN	Marking	
H50	39650*	51	39650*	51	51284*	52	51284*	52	4
	273355	48	273356	49	273356	49	273356	49	3
H75	273356	49	273357	50	273357	50	273357	50	5
H100	39651*	49	39652*	50	39652*	50	39652*	50	7
	273355	48	273356	49	273356	49	273356	49	6
H102 (left and right unit)	273355	48	273356	49	273356	49	273356	49	3
H120	39651*	49	39652*	50	39652*	50	39652*	50	8
H125 (left unit)	273355	48	273356	49	273356	49	273356	49	3
H125 (right unit)	273356	49	273357	50	273357	50	273357	50	5
H150	39651*	49	39652*	50	39652*	50	39652*	50	10
H150 (left and right unit)	273356	49	273357	50	273357	50	273357	50	5
H175 (left unit)	273356	49	273356	49	273356	49	273356	49	5
H175 (right unit)	273355	48	273357	50	273357	50	273357	50	6
H200	273344	30	273344	30	273345	31	273345	31	4
H202 (left and right unit)	273355	48	273356	49	273356	49	273356	49	6
H250	273344	30	273344	30	273345	31	273345	31	5
H300	273344	30	273344	30	273345	31	273345	31	6
H400	273344	30	273344	30	273345	31	273345	31	8
H402 (left and right unit)	273344	30	273344	30	273345	31	273345	31	4
H502 (left unit)	273344	30	273344	30	273345	31	273345	31	4
H502 (right unit)	273344	30	273344	30	273345	31	273345	31	6
H602 (left and right unit)	273344	30	273344	30	273345	31	273345	31	6
H702 (left unit)	273344	30	273344	30	273345	31	273345	31	6
H702 (right unit)	273344	30	273344	30	273345	31	273345	31	8
H802 (left and right unit)	273344	30	273344	30	273345	31	273345	31	8
G150	273346	32	273347	33	273348	34	273349	35	4
G225	273346	32	273347	33	273348	34	273349	35	6
G300	273346	32	273347	33	273348	34	273349	35	8
G302 (left- and right-hand)	273346	32	273347	33	273348	34	273349	35	4
G372 (left-hand)	273346	32	273347	33	273348	34	273349	35	4
G372 (right-hand)	273346	32	273347	33	273348	34	273349	35	6
G452 (left- and right-hand)	273346	32	273347	33	273348	34	273349	35	6
G525 (left-hand)	273346	32	273347	33	273348	34	273349	35	6
G525 (right-hand)	273346	32	273347	33	273348	34	273349	35	8
G602 (left- and right-hand)	273346	32	273347	33	273348	34	273349	35	8

*Used only on cabinet size 0 units. All other PNs listed in this table are used on cabinet size 1, 2, and 3 units.

ELEVATION ADJUSTMENT OPTIONS FOR GAS ORIFICE REPLACEMENT—CONTINUED

Table 22. Elevation Adjustment (AB) Options for Natural Gas (AA1) Units—Continued									
Heat Section Option	AB5 (5001–6000 Feet)		AB6 (6001–7000 Feet)		AB7 (7001–8000 Feet)		AB8 (8001–9000 Feet)		Quantity
	PN	Marking	PN	Marking	PN	Marking	PN	Marking	
H50	51284*	52	51284*	52	9789*	53	9789*	53	4
	273357	50	273357	50	273357	50	273358	51	3
H75	273358	51	273358	51	273358	51	273359	52	5
H100	39650*	51	39650*	51	39650*	51	51284*	52	7
	273357	50	273357	50	273357	50	273358	51	6
H102 (left and right unit)	273357	50	273357	50	273357	50	273358	51	3
H120	39650*	51	39650*	51	39650*	51	51284*	52	8
H125 (left unit)	273357	50	273357	50	273357	50	273358	51	3
H125 (right unit)	273358	51	273358	51	273358	51	273359	52	5
H150	39650*	51	39650*	51	39650*	51	51284*	52	10
H150 (left and right unit)	273358	51	273358	51	273358	51	273359	52	5
H175 (left unit)	273357	50	273357	50	273357	50	273358	51	5
H175 (right unit)	273358	51	273358	51	273358	51	273359	52	6
H200	273345	31	273345	31	273346	32	273346	32	4
H202 (left and right unit)	273357	50	273357	50	273357	50	273358	51	6
H250	273345	31	273345	31	273346	32	273346	32	5
H300	273345	31	273345	31	273346	32	273346	32	6
H400	273345	31	273345	31	273346	32	273346	32	8
H402 (left and right unit)	273345	31	273345	31	273346	32	273346	32	4
H502 (left unit)	273345	31	273345	31	273346	32	273346	32	4
H502 (right unit)	273345	31	273345	31	273346	32	273346	32	6
H602 (left and right unit)	273345	31	273345	31	273346	32	273346	32	6
H702 (left unit)	273345	31	273345	31	273346	32	273346	32	6
H702 (right unit)	273345	31	273345	31	273346	32	273346	32	8
H802 (left and right unit)	273345	31	273345	31	273346	32	273346	32	8
Heat Section Option	AB5 (5001–6000 Feet)		AB6 (6001–7000 Feet)		AB7 (7001–8000 Feet)		AB8 (8001–9000 Feet)		Quantity
	PN	Marking	PN	Marking	PN	Marking	PN	Marking	
G150	273349	35	273350	36	273350	36	273351	37	4
G225	273349	35	273350	36	273350	36	273351	37	6
G300	273349	35	273350	36	273350	36	273351	37	8
G302 (left- and right-hand)	273349	35	273350	36	273350	36	273351	37	4
G372 (left-hand)	273349	35	273350	36	273350	36	273351	37	4
G372 (right-hand)	273349	35	273350	36	273350	36	273351	37	6
G452 (left- and right-hand)	273349	35	273350	36	273350	36	273351	37	6
G525 (left-hand)	273349	35	273350	36	273350	36	273351	37	6
G525 (right-hand)	273349	35	273350	36	273350	36	273351	37	8
G602 (left- and right-hand)	273349	35	273350	36	273350	36	273351	37	8

*Used only on cabinet size 0 units. All other PNs listed in this table are used on cabinet size 1, 2, and 3 units.

Table 23. Elevation Adjustment (AB) Options for Propane (AA2) Units

Heat Section Option	AB1 (0–2000 Feet)		AB2 (2001–3000 Feet)		AB3 (3001–4000 Feet)		AB4 (4001–5000 Feet)		Quantity		
	PN	Marking	PN	Marking	PN	Marking	PN	Marking			
H50	39659*	58	39657*	59	95936*	60	95936*	60	4		
H100	63922*	1.15 mm	97358*	1.1 mm	97358*	1.1 mm	97358*	1.1 mm	7		
H120	63922*	1.15 mm	97358*	1.1 mm	97358*	1.1 mm	97358*	1.1 mm	8		
H150	63922*	1.15 mm	97358*	1.1 mm	97358*	1.1 mm	97358*	1.1 mm	10		
Heat Section Option	AB5 (5001–6000 Feet)		AB6 (6001–7000 Feet)		AB7 (7001–8000 Feet)		AB8 (8001–9000 Feet)		Quantity		
	PN	Marking	PN	Marking	PN	Marking	PN	Marking			
H50	97355*	61	97354*	62	97354*	62	40415*	63	4		
H100	40416*	57	39659*	58	39657*	59	95936*	60	7		
H120	40416*	57	39659*	58	39657*	59	95936*	60	8		
H150	40416*	57	39659*	58	39657*	59	95936*	60	10		
Heat Section Option	AB1 (0–2000 Feet)		AB2 (2001–3000 Feet)		AB3 (3001–4000 Feet)		AB5 (5001–6000 Feet)		AB7 (7001–8000 Feet)		Quantity
					AB4 (4001–5000 Feet)		AB6 (6001–7000 Feet)		AB8 (8001–9000 Feet)		
	PN	Marking	PN	Marking	PN	Marking	PN	Marking	PN	Marking	
H200	273353	46	273354	47	273354	47	273355	48	273356	49	4
H250	273353	46	273354	47	273354	47	273355	48	273356	49	5
H300	273353	46	273354	47	273354	47	273355	48	273356	49	6
H400	273353	46	273354	47	273354	47	273355	48	273356	49	8
H402 (left and right unit)	273353	46	273354	47	273354	47	273355	48	273356	49	4
H502 (left unit)	273353	46	273354	47	273354	47	273355	48	273356	49	4
H502 (right unit)	273353	46	273354	47	273354	47	273355	48	273356	49	6
H602 (left and right unit)	273353	46	273354	47	273354	47	273355	48	273356	49	6
H702 (left unit)	273353	46	273354	47	273354	47	273355	48	273356	49	6
H702 (right unit)	273353	46	273354	47	273354	47	273355	48	273356	49	8
H802 (left and right unit)	273353	46	273354	47	273354	47	273355	48	273356	49	8
*Used only on cabinet size 0 units. All other PN's listed in this table are used on cabinet size 1, 2, and 3 units.											

*Used only on cabinet size 0 units. All other PNs listed in this table are used on cabinet size 1, 2, and 3 units.

COOLING AND DEHUMIDIFYING COMPONENTS

NOTES:

- These units feature an optional cooling section (option H).
- The refrigerant for these units is R-410A.
- Cooling and dehumidifying components are shown in [Figure 18](#).
- Cooling components are listed in [Table 24](#).
- Dehumidification components for models YDHA and YDMA (cabinet sizes 1, 2, and 3 only) with a low-capacity reheat pump (option RPLE) are listed in [Table 25](#).
- Dehumidification components for models YDHA and YDMA (cabinet sizes 1, 2, and 3 only) with a high-capacity reheat pump (option RPHE) are listed in [Table 26](#).
- Components for cooling circuit B with an optional fixed-circuit hot gas bypass valve (option AUC8) are listed in [Table 27](#).
- Individual cooling and dehumidifying components are shown in [Figure 19](#).

COOLING AND DEHUMIDIFYING COMPONENTS—CONTINUED

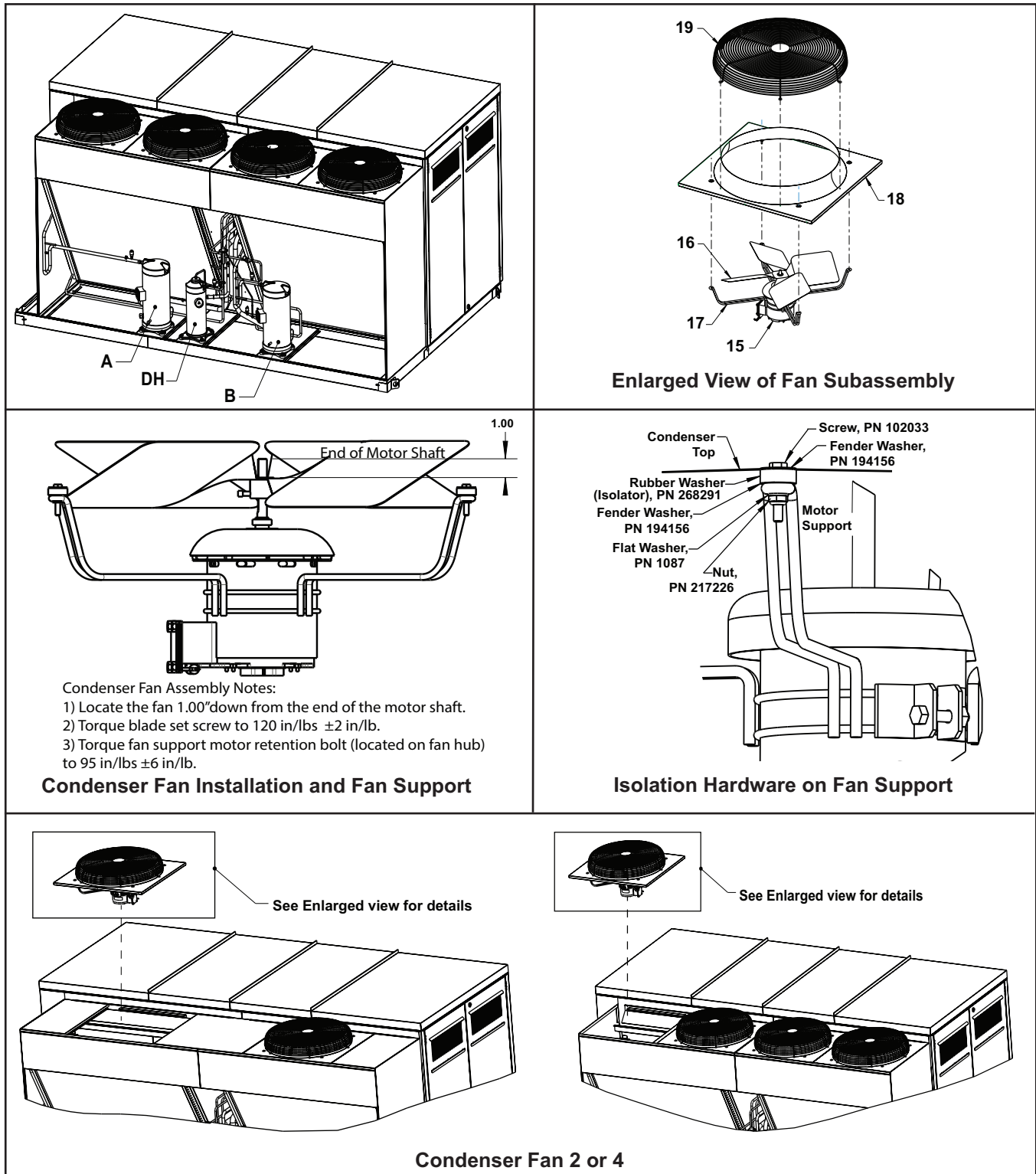


Figure 18. Cooling and Dehumidifying Components (Refer to [Table 24](#), [Table 25](#), [Table 26](#), and [Table 27](#))

Table 24. Cooling Components

Item No.	Component	Cabinet Size	Model	Unit Size	Circuit	AK Option (V/PH/Hz)					
						AK3 (230/1/60)	AK5 (208/3/60)	AK6 (230/3/60)	AK7 (460/3/60)	AK8 (575/3/60)	AK12 (400/3/50)
						PN (Quantity)*					
Compression											
1	Compressor	0	YDHA, YDMA	062	—	—	262801		262802	—	
				092			261147		261148		
		1, 2, 3	YDHA, YDMA	060	A	272634	262801		262802	262803	262802
				090		261147		261148	261149	261148	
			YDHA, YDMA, YDSA	120	A	—	262801		262802	262803	262802
					B		262813		262814	262815	262814
				150	A	—	262804		262805	262806	282805
					B		235009		235013	235018	235013
				180	A	—	261147		261148	261149	261148
					B		216689		216690	216691	216690
			YDHA, YDMA	210	A	—	262807		262808	262809	262808
					B		262816		262817	262818	262817
			YDSA	210	A	—	262807		262808	262809	—
					B		216689		216690	216691	—
			YDHA, YDMA	240	A	—	266061		266062	266063	266062
					B		216695		216696	216697	216696
			YDSA	240	A	—	262807		262808	262809	—
					B		262816		262817	282818	
			YDHA, YDMA	300	A	—	261153		261154	261155	261154
					B		235010		235014	235019	235014
		360		A	—	262810		262811	262812	262811	
				B		216454		216455	216456	216455	
1A	Compressor sound blanket (option SQ9)	0	YDHA, YDMA	062, 092	—	—	272509 (AR)	272509 (AR)	—		
		1, 2, 3	YDHA, YDMA, YDSA	060, 090, 120, 150		272509 (AR)		272509 (AR)			
				180, 210, 240, 300, 360		272510 (AR)		272510 (AR)			
1B	Blanket belt	0	YDHA, YDMA	062, 092	—	—	273284 (AR)	273284 (AR)	—		
		1, 2, 3	YDHA, YDMA, YDSA	All		273284 (AR)		273284 (AR)			
2	Digital controller	0	YDHA, YDMA	062, 092	—	—	266067	266067	—		
		1, 2, 3	YDHA, YDMA, YDSA	All		266067		266067			
3	Thermistor	0	YDHA, YDMA	062, 092	—	266069		266069			
		1, 2, 3		060		266069		266069			
		1, 2, 3	YDHA, YDMA	090		—	—	266069	266069		—
			YDHA, YDMA, YDSA	120, 150, 180					266069		
			YDSA	210, 240				266068	266068		
4	Solenoid kit (24V coil)	0	YDHA, YDMA	062, 092	—	266071		266071			
		1, 2, 3	YDHA, YDMA, YDSA	All		—	266071	266071			
5	Coil kit (24V coil)	1, 2, 3	YDHA, YDMA, YDSA	210, 240	—	—	266070	266070			
		YDHA, YDMA	300, 360								
6	Mounting kit	0	YDHA, YDMA	062, 092	—	205825		205825			
		1, 2, 3		060		205825		205825			
		1, 2, 3	YDHA, YDMA	090		—	—	205825 (2)	205825 (2)		
			YDHA, YDMA, YDSA	120, 150, 180, 210, 240					205825 (2)		
			YDHA, YDMA	300, 360					205825 (2)		
7	High pressure cutout switch	0	YDHA, YDMA	062, 092	—	632473		632473			
	High pressure switch	1, 2, 3	YDHA, YDMA, YDSA	All		216379		216379			
8	Low pressure switch	0	YDHA, YDMA	062, 092	—	216380		216380			
		1, 2, 3	YDHA, YDMA, YDSA	All		216380		216380			

*Quantity is one (1) unless otherwise indicated. AR = as required.

COOLING AND DEHUMIDIFYING COMPONENTS—CONTINUED

Table 24. Cooling Components—Continued

Table 24. Cooling Components—Continued											
Item No.	Component	Cabinet Size	Model	Unit Size	Circuit	AK Option (V/PH/Hz)					
						AK3 (230/1/60)	AK5 (208/3/60)	AK6 (230/3/60)	AK7 (460/3/60)	AK8 (575/3/60)	AK12 (400/3/50)
						PN (Quantity)*					
Compression—Continued											
9	Plug, main compressor	0	YDHA, YDMA	062, 092	—	284756		284756			
		1, 2, 3		060	A						
		1, 2, 3	YDHA, YDMA	090	A	—	284756		284756		
			YDHA, YDMA, YDSA	120, 150, 180	A, B						
			YDHA, YDMA	210	A, B		284757		284757		—
			YDSA						284757		
			YDHA, YDMA	240, 300, 360	A, B		284755		284755		
9A	Plug, reheat compressor	1, 2, 3	YDHA, YDMA, YDSA	All	—	284756		284756			
10	Expansion valve	0	YDHA, YDMA	062	—	1005567		1005567			
		092		220556		220556					
		1, 2, 3	YDHA, YDMA	060	A	234987		234987			
				090		—	220556	220556			
			YDHA, YDMA	120	A, B	—	234987	234987			
			YDSA			—	234960	234960	—		
			YDHA, YDMA, YDSA	150, 180	A, B	—	220555	220555			
			YDHA, YDMA	210		—	220556	220556			
			YDSA	120	A	—	220556	220556	—		
					B		220555	220555			
		YDHA, YDMA, YDSA	240	A, B	—	220556	220556				
		YDHA, YDMA	300	A	—	261175	261175				
			360	B		220558	220558				
		11	Filter-dryer	0	YDHA, YDMA	062, 092	—	216408		216408	
1, 2, 3	060			A							
1, 2, 3	YDHA, YDMA				090	—	216408		216408		
	YDHA, YDMA, YDSA			120, 150, 180	—						
	YDHA, YDMA			210	A, B	—	216410		216410		
	YDSA			210	A	—	216410	216410	—		
					B		216408	216408			
	YDHA, YDMA, YDSA			240, 300	A, B	—	216410		216410		
	YDHA, YDMA			360							
12	Crankcase heater	0	YDHA, YDMA	062	—	—	216394	216396	—		
		092		216398			216400				
		1, 2, 3	YDHA, YDMA	060	A	216394		216396	216397	216396	
				090		—	216398	216400	216401	216400	
			YDHA, YDMA, YDSA	120	A, B	—	216394	216396	216397	216396	
				150, 180			216398	216400	216401	216400	
			YDHA, YDMA	210	A, B	—	216402		216404	216405	216404
			YDSA							—	
			YDHA, YDMA, YDSA	240	A, B	—	216402		216404	216405	216404
			YDHA, YDMA	300, 360							
Cooling Coils											
13	Evaporator coil	0	YDHA, YDMA	062	—	1005279		1005279			
		092		1005280		1005280					
		1, 2, 3	YDHA, YDMA	060	—	262823		262823			
			YDHA	090	—	—	262824	262824			
			YDMA				262823	262823			
			YDHA, YDMA	120, 150	—	—	262825	262825			
			YDSA				262819	262819	—		
			YDHA, YDMA	180	—	—	262819	262819			
			YDSA				262820	262820	—		
*Quantity is one (1) unless otherwise indicated. AR = as required.											

*Quantity is one (1) unless otherwise indicated. AR = as required.

Table 24. Cooling Components—Continued

Item No.	Component	Cabinet Size	Model	Unit Size	Circuit	AK Option (V/PH/Hz)						
						AK3 (230/1/60)	AK5 (208/3/60)	AK6 (230/3/60)	AK7 (460/3/60)	AK8 (575/3/60)	AK12 (400/3/50)	
						PN (Quantity)*						
Cooling Coils—Continued												
13	Evaporator coil (continued)	1, 2, 3	YDHA, YDMA	210	—	—	262826		262826			
			YDSA				262821		262821		—	
			YDHA, YDMA	240	—	—	262827		262827			
			YDSA				262822		262822		—	
			YDHA, YDMA	300	—	—	262828		262828			
				360			262829		262829			
14	Condenser coil	0	YDHA, YDMA	062, 092	—	1000085			1000085			
		1, 2, 3	YDHA, YDMA	060	A, B	268538			268538			
				090, 120, 150		—	268538		268538			
			YDSA	120, 150	A, B	—	269667		269667		—	
			YDHA, YDMA	180		268539		268539				
			YDSA	180	A, B	—	268536		268536		—	
			YDHA, YDMA	210, 240		269668		269668				
			YDSA	210	A	—	268537		268537		—	
					B		268536		268536			
			240	A, B	—	216402		216402		—		
		YDHA, YDMA	300, 360			268541		268541				
Condenser Fan System												
15	Fan motor, 3/4-HP (CUF3) (see Figure 18)	0	YDHA, YDMA	062, 092	—	205628			205628			
		1, 2, 3	YDHA, YDMA	060	—	205628 (2)			205628 (2)	1012212 (2)	205628 (2)	
				090		205628 (2)						
			YDHA, YDMA, YDSA	120, 150		—	—	205628 (2)		205628 (2)	1012212 (2)	205628 (2)
				180, 210, 240, 300, 360				205628 (4)		205628 (4)	1012212 (4)	205628 (4)
	Fan motor, 3/4-HP (CUF4) (see Figure 18)	0	YDHA, YDMA	062, 092	—	—	272627		272628	—		
		1, 2, 3	YDHA, YDMA	060	—	272627 (2)			272628 (2)	—	272628 (2)	
				090		272627 (2)						
			YDHA, YDMA, YDSA	120, 150		—	—	272627 (4)		272628 (4)	—	272628 (4)
				180, 210, 240, 300, 360				272627 (4)		272628 (4)	—	272628 (4)
	Fan motor, 3/4-HP (CUF4/BE8) (see Figure 18)	1, 2, 3	YDHA, YDMA	060	—	1012575 (2)			1012576 (2)	—	1012576 (2)	
				090		1012575 (2)						
			YDHA, YDMA, YDSA	120, 150		—	—	1012575 (2)		1012576 (4)	—	1012576 (4)
				180, 210, 240, 300, 360				1012575 (4)				
16	Fan blade (see Figure 18)	0	YDHA, YDMA	062, 092	—	1005281 (1)			1005281 (1)			
		1, 2, 3	YDHA, YDMA	060	—	271835 (2)			177223 (2)	271835 (2)	177223 (2)	
				090		—	271835 (2)					271835 (2)
			YDHA, YDMA, YDSA	120, 150		—	—	271835 (2)		271835 (2)		
				180, 210, 240				271835 (4)		271835 (4)		
			YDHA, YDMA	300, 360		—	—	271835 (4)		271835 (4)		
17	Fan/motor support (see Figure 18)	0	YDHA, YDMA	062, 092	—	157107			157107			
		1, 2, 3	YDHA, YDMA	060	—	157107 (2)			157107 (2)			
				090		—	157107 (2)					
			YDHA, YDMA, YDSA	120, 150		—	—	157107 (2)		157107 (2)		
				180, 210, 240				157107 (4)		157107 (4)		
			YDHA, YDMA	300, 360		—	—	157107 (4)		157107 (4)		
18	Condenser top (see Figure 18)	0	YDHA, YDMA	062, 092	—	271817			271817			
		1, 2, 3	YDHA, YDMA	060	—	271817 (2)			271817 (2)			
				090		—	271817 (2)		271817 (2)			
			YDHA, YDMA, YDSA	120, 150		—	—	271817 (2)		271817 (2)		
				180, 210, 240				271817 (4)		271817 (4)		
			YDHA, YDMA	300, 360		—	—	271817 (4)		271817 (4)		

*Quantity is one (1) unless otherwise indicated. AR = as required.

*Quantity is one (1) unless otherwise indicated. AR = as required.

COOLING AND DEHUMIDIFYING COMPONENTS—CONTINUED

Table 24. Cooling Components—Continued												
Item No.	Component	Cabinet Size	Model	Unit Size	Circuit	AK Option (V/PH/Hz)						
						AK3 (230/1/60)	AK5 (208/3/60)	AK6 (230/3/60)	AK7 (460/3/60)	AK8 (575/3/60)	AK12 (400/3/50)	
						PN (Quantity)*						
Condenser Fan System—Continued												
19	Fan guard (see Figure 18)	0	YDHA, YDMA	062, 092	—	255436			255436			
		1, 2, 3	YDHA, YDMA	060	—	255436 (2)			255436 (2)			
				090		255436 (2)			255436 (2)			
			YDHA, YDMA, YDSA	120, 150	—	—	255436 (2)			255436 (2)		
				180, 210, 240			255436 (4)			255436 (4)		
		YDHA, YDMA	300, 360	—	—	255436 (4)			255436 (4)			
Supply Fan (Option A10)**												
20	Plenum fan	1, 2, 3	YDHA, YDSA	180	—	—	235687	235687	235688	235687		
			YDHA, YDMA, YDSA	210								
			YDHA, YDMA	240, 300, 360								
21	Flexible inlet collar assembly		YDHA, YDSA	180	—	—	268554	268554				
			YDHA, YDMA, YDSA	210								
			YDHA, YDMA	240, 300, 360								
22	Rubber isolation		YDHA, YDSA	180	—	—	235692 (4)	235692 (4)				
			YDHA, YDMA, YDSA	210								
			YDHA, YDMA	240, 300, 360								
Supply Fan (Option A11)**												
20	Plenum fan	1, 2, 3	YDHA, YDMA	060	—	268504	272430	268504	268504	272432	268504	
			YDHA	090	—	—	268505		268505	272433	268505	
			YDMA				272430	268504	268504	272432	268504	
			YDHA, YDMA	120, 150	—	—	268505		268505	272433	268505	
			YDSA	120, 150, 180, 210	—	—	268506		268506	272434	268506	
			YDHA	180	—	—	268505		268505	272433	268505	
			YDMA	180			268506		268506	272434	268506	
			YDHA	210, 240			268506		268506	272434	268506	
			YDSA	240	—	—	272431	268507	268507	272435	268507	
			YDHA, YDMA	300, 360								
21	Flexible inlet collar assembly		YDHA	060	—	268553			268553			
			YDMA	090	—	—	268553		268553			
			YDHA				268554		268554			
			YDHA, YDMA, YDSA	120, 150, 180, 210	—	—	268554		268554			
			YDHA, YDMA	240, 300, 360	—	—	268555		268555			
			YDSA	240	—	—	268555		268555			
22	Rubber isolation		YDHA, YDMA	060	—	—	268556 (4)			268556 (4)		
				090, 120, 150			268556 (4)			268556 (4)		
			YDSA	120, 150, 180, 210, 240, 300	—	—	268557 (4)			268557 (4)		
			YDHA	180	—	—	268556 (4)			268556 (4)		
			YDMA	180			268556 (4)			268556 (4)		
			YDHA, YDMA	210, 240, 300, 360			268557 (4)			268557 (4)		
23	Contactor, compressor	0	YDHA, YDMA	062	—	—	272001		271999	—		
				092			272002		272001			
*Quantity is one (1) unless otherwise indicated. AR = as required.												
**Option includes VFD and line reactor (refer to Table 7 , Table 9 , Table 11 , or Table 12) for all models.												

Table 24. Cooling Components—Continued

Item No.	Component	Cabinet Size	Model	Unit Size	Circuit	AK Option (V/PH/Hz)						
						AK3 (230/1/60)	AK5 (208/3/60)	AK6 (230/3/60)	AK7 (460/3/60)	AK8 (575/3/60)	AK12 (400/3/50)	
						PN (Quantity)*						
Electrical Components												
24	Contactor, compressor A	1, 2, 3	YDHA, YDMA	060	—	272002	272001		271836			
				090		—	272002		272001			
			YDHA, YDMA, YDSA	120	—	—	272001	272001		271836		
				150				272000	271999	272000		
				180								
				210, 240								
				300								
				360								
			YDHA, YDMA	360	—	—	272418		272416	272417	272416	

*Quantity is one (1) unless otherwise indicated. AR = as required.

*Quantity is one (1) unless otherwise indicated. AR = as required.

Table 25. Dehumidification Components for Models YDHA and YDMA (Cabinet Sizes 1, 2, and 3 Only) with Low-Capacity Reheat Pump (Option RPLE)

Item No.*	Component	Model	Unit Size	AK Option (V/PH/Hz)						
				AK3 (230/1/60)	AK5 (208/3/60)	AK6 (230/3/60)	AK7 (460/3/60)	AK8 (575/3/60)	AK12 (400/3/50)	
				PN**						
Compression										
1	Compressor	YDHA, YDMA	060	272641	259288		259355	272635	259355	
		YDMA	090	272641	259288		259355	272635	—	
		YDHA, YDMA	120, 150, 180, 210, 240	—	259288		259355	272635	259355	
			300, 360		262801		262802	262803	262802	
2	Digital controller	YDHA, YDMA	All	266067			266067			
3	Thermistor	YDHA, YDMA	060	266069			266069			
		YDMA	090				266069		—	
		YDHA, YDMA	120, 150, 180, 210, 240, 300, 360	—	266069		266069			
		4	Solenoid kit (24V coil)	YDHA, YDMA	All	266071			266071	
6	Mounting kit	205825				205825				
7	High pressure switch	216379				216379				
8	Low pressure switch	216380				216380				
9C	Molded plug	272419				272419				
10	Expansion valve	YDHA, YDMA	060	270303			270303			
		YDMA	090				270303		—	
		YDHA, YDMA	120, 150, 180, 210, 240	—	270303		270303			
			300, 360		234960		234960			
11	Filter-dryer	YDHA, YDMA	060	177379			177379			
		YDMA	090				177379		—	
		YDHA, YDMA	120, 150, 180, 210, 240, 300, 360	—	216408		216408			
		12	Crankcase heater	YDHA, YDMA	060	216394			216396	216397
YDMA	090			—						
YDHA, YDMA	120, 150, 180, 210, 240, 300, 360			—	216394		216396			
Cooling Coils										
13	Evaporator coil	YDHA, YDMA	060	268543			268543			
		YDMA	090				268543		—	
		YDHA, YDMA	120, 150, 180, 210, 240	—	268545		268545			
			300, 360		268546		268546			
14	Condenser coil	YDHA, YDMA	060	268548			268548			
		YDMA	090				268548		—	
		YDHA, YDMA	120, 150, 180, 210, 240	—	268550		268550			
			300, 360		273070		273070			

*See [Figure 19](#).

*Quantity is one (1).

COOLING AND DEHUMIDIFYING COMPONENTS—CONTINUED

Table 26. Dehumidification Components for Models YDHA and YDMA (Cabinet Sizes 1, 2, and 3 Only) with High-Capacity Reheat Pump (Option RPHE)									
Item No.*	Component	Model	Unit Size	AK Option (V/PH/Hz)					
				AK3 (230/1/60)	AK5 (208/3/60)	AK6 (230/3/60)	AK7 (460/3/60)	AK8 (575/3/60)	AK12 (400/3/50)
				PN**					
Compression									
1	Compressor	YDHA, YDMA	060	272641	259288	259355	272635	259355	
		YDMA	090					—	
		YDHA, YDMA	120, 150, 180, 210, 240	—	262801	259355	272635	259355	
			300, 360		262804	262805	262806	262805	
2	Digital controller	YDHA, YDMA	All	266067		266067			
3	Thermistor	YDHA, YDMA	060	266069		266069		266069	
		YDMA	090					—	
		YDHA, YDMA	120, 150, 180, 210, 240, 300, 360	—	266069	266069			
4	Solenoid kit (24V coil)	YDHA, YDMA	All	266071		266071			
6	Mounting kit			205825		205825			
7	High pressure switch			216379		216379			
8	Low pressure switch			216380		216380			
9C	Molded plug			272419		272419			
10	Expansion valve	YDHA, YDMA	060	270303		270303		270303	
		YDMA	090					—	
		YDHA, YDMA	120, 150, 180, 210, 240	—	270303	270303			
			300, 360		235729	235729			
11	Filter-dryer	YDHA, YDMA	060	177379		177379		177379	
		YDMA	090					—	
		YDHA, YDMA	120, 150, 180, 210, 240, 300, 360	—	216408	216408			
12	Crankcase heater	YDHA, YDMA	060	216394		216396	216397	216396	
		YDMA	090					—	
		YDHA, YDMA	120, 150, 180, 210, 240, 300, 360	—	216394			216396	
Cooling Coils									
13	Evaporator coil	YDHA, YDMA	060	268543		268543		268543	
		YDMA	090					—	
		YDHA, YDMA	120, 150, 180, 210, 240	—	268545	268545			
			300, 360		268546	268546			
14	Condenser coil	YDHA, YDMA	060	268548		268548		268548	
		YDMA	090					—	
		YDHA, YDMA	120, 150, 180, 210, 240	—	268550	268550			
			300, 360		273070	273070			
*See Figure 19 .									
**Quantity is one (1).									

Table 27. Cooling Circuit B with Optional Fixed-Circuit Hot Gas Bypass Valve (Option AUC8)		
Item No.*	Component	PN**
24	Hot gas bypass valve	220517
25	Shutoff valve	216749
26	Check valve	259292
*See Figure 19.		
*Quantity is one (1).		

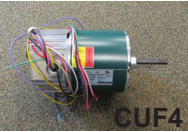
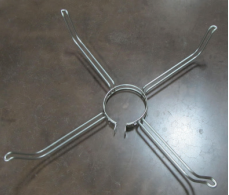
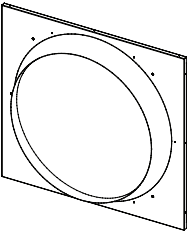
Item 1: Compressor 	Item 2: Digital Controller 	Item 3: Thermistor 
Item 4: Solenoid Kit 	Item 5: Coil Kit 	Item 6: Mounting Kit 
Item 7: High Pressure Switch 	Item 8: Low Pressure Switch 	Items 9A, 9B, and 9C: Molded Plug 
Item 10: Expansion Valve 	Item 11: Filter Drier 	Item 12: Crankcase Heater 
Item 15: Fan Motor  	Item 16: Fan Blade 	Item 17: Fan/Motor Support 
Item 18: Condenser Top 	Item 19: Fan Guard 	Item 24: Hot Gas Bypass Valve 
Item 26: Check Valve 		Item 25: Shutoff Valve 

Figure 19. Individual Cooling and Dehumidifying Components
(Refer to [Table 24](#), [Table 25](#), [Table 26](#), and [Table 27](#))

ELECTRIC HEAT COMPONENTS

NOTE: These units feature an optional electric heat section (option E).

Table 28. Electric Heat Components							
E Option	Model	Unit Size	Component	AK Option (V/PH/Hz)			
				AK5 (208/3/60)	AK6 (230/3/60)	AK7 (460/3/60)	AK8* (575/3/60)
				PN (Quantity)**			
E20	YDHA, YDMA	060, 062, 090, 092, 120, 150, 180, 210, 240	Heater rack	272505 (2)		272506 (2)	272507 (2)
			Limit control, 170°	272748		272748	
			SCR power controller	234057			
			SCR contactor	272416		272001	
	YDSA	120, 150, 180, 210	Heater rack	272505 (2)		272506 (2)	272507 (2)
			Limit control, 170°	272748		272748	
			Stage 1 contactor	272001		272001	
			Stage 2 contactor				
E30	YDHA, YDMA	060, 062, 090, 092, 120, 150, 180, 210, 240, 300, 360	Heater rack	272505 (3)		272506 (3)	272507 (3)
			Limit control, 170°	272748		272748	
			SCR power controller	234057			
			SCR contactor	272001		272001	
			Step 2 contactor	272001		—	
			Step 3 contactor				
			SCR fuseblock	207618			
			Steps 2 & 3 fuseblock	207631			
			SCR fuse	207615 (3)			
			Steps 2 & 3 fuse	207617 (3)			
	YDSA	120, 150, 180, 210	Heater rack	272505 (3)		272506 (3)	272507 (3)
			Limit control, 170°	272748		272748	
			Stage 1 contactor	272001		272001	
			Stage 2 contactor				
			Stage 3 contactor				
			Stage 1 fuseblock	207618		—	
			Stage 2 fuseblock				
			Stage 3 fuseblock				
			Stage 1 fuse	207615 (3)			
			Stage 2 fuse				
			Stage 3 fuse				
E40	YDHA, YDMA	060, 062, 090, 092, 120, 150, 180, 210, 240	Heater rack	272505 (4)		272506 (4)	272507 (4)
			Limit control, 170°	272748		272748	
			SCR power controller	234057			
			SCR contactor	272416		272416	
			Step 2 contactor			—	
			SCR fuseblock	207631			
			Step 2 fuseblock				
			SCR fuse	207617 (3)			
			Step 2 fuse				
	YDSA	120, 150, 180, 210	Heater rack	272505 (4)		272506 (4)	272507 (4)
			Limit control, 170°	272748		272748	
			Stage 1 contactor	272001		272001	
			Stage 2 contactor				
			Stage 3 contactor				
			Stage 4 contactor				
			Stages 1 & 2 fuseblock	207631		—	
			Stages 3 & 4 fuseblock				
			Stages 1 & 2 fuse	207617 (3)			
			Stages 3 & 4 fuse				

*Not available on cabinet size 0 units.

**Quantity is one (1) unless otherwise indicated.

Table 28. Electric Heat Components—Continued

E Option	Model	Unit Size	Component	AK Option (V/PH/Hz)			
				AK5 (208/3/60)	AK6 (230/3/60)	AK7 (460/3/60)	AK8* (575/3/60)
				PN (Quantity)**			
E50	YDHA, YDMA	062, 090, 092, 120, 150, 180, 210, 240, 300, 360	Heater rack	272505 (5)		272506 (5)	272507 (5)
			Limit control, 170°	272748		272748	
			SCR power controller	234057			
			SCR contactor				
			Step 2 contactor	272416		272001	
			Step 3 contactor	272001		—	
			SCR fuseblock	207631		207630	
			Step 2 fuseblock			207629	
			SCR fuseblock	207618		—	
			SCR fuse	207617 (3)		207627 (3)	
			Step 2 fuse		207625 (3)	207627 (3)	
			Step 3 fuse	207615 (3)		—	
	YDSA	120, 150, 180, 210	Heater rack	272505 (5)		272506 (5)	272507 (5)
			Limit control, 170°	272748		272748	
			Stage 1 contactor	272001		272001	
			Stage 2 contactor	272416			
			Stage 3 contactor				
			Stage 1 fuseblock	207618		207629	
			Stage 2 fuseblock	207631			
			Stage 3 fuseblock				
			Stage 1 fuse	207615 (3)		207622 (3)	
			Stage 2 fuse	207617 (3)		207625 (3)	
			Stage 3 fuse				
E60**	YDHA, YDMA	090, 120, 150, 180, 210, 240, 300, 360	Heater rack	272505 (6)		272506 (6)	272507 (6)
			Limit control, 170°	272748		272748	
			SCR power controller	234057			
			SCR contactor				
			Step 2 contactor	272416		272416	
			Step 3 contactor			—	
			SCR fuseblock	207631		207630	
			Step 2 fuseblock			—	
			Step 3 fuseblock	207617 (3)		207627 (3)	
			SCR fuse			—	
			Step 2 fuse	207617 (3)		207625 (3)	
			Step 3 fuse				
	YDSA	120, 150, 180, 210	Heater rack	272505 (6)		272506 (6)	272507 (6)
			Limit control, 170°	272748		272748	
			Stage 1 contactor	272416		272001	
			Stage 2 contactor				
			Stage 3 contactor	207631		207629	
			Stage 1 fuseblock				
			Stage 2 fuseblock	207617 (3)		207625 (3)	
			Stage 3 fuseblock				
			Stage 1 fuse	207617 (3)		207625 (3)	
			Stage 2 fuse				
			Stage 3 fuse				

*Not available on cabinet size 0 units.

**Quantity is one (1) unless otherwise indicated.

ELECTRIC HEAT COMPONENTS—CONTINUED

Table 28. Electric Heat Components—Continued										
E Option	Model	Unit Size	Component	AK Option (V/PH/Hz)						
				AK5 (208/3/60)	AK6 (230/3/60)	AK7 (460/3/60)	AK8* (575/3/60)			
				PN (Quantity)**						
E70**	YDHA, YDMA	120, 150, 180, 210, 240, 300, 360	Heater rack	272505 (7)		272506 (7)				
			Limit control, 170°	272748		272748				
			SCR power controller	234057						
			SCR contactor	272416	272416					
			Step 2 contactor		272001					
			Step 3 contactor		—					
			Step 4 contactor	272001	—					
			SCR fuseblock	207631	207630					
			Step 2 fuseblock		—					
			Step 3 fuseblock		—					
			Step 4 fuseblock	272418	—					
			YDHA, YDMA	120, 150, 180, 210, 240, 300, 360	SCR fuse	207617 (3)	207628 (3)			
	Step 2 fuse	207627 (3)								
	Step 3 fuse	—								
	Step 4 fuse	207615 (3)			—					
	YDSA	120, 150, 180, 210	Heater rack	272505 (7)		272506 (7)	272507 (7)			
			Limit control, 170°	272748		272748				
			Stage 1 contactor	272001		272001				
			Stage 2 contactor	272416	272001					
			Stage 3 contactor							
			Stage 4 contactor							
			Stage 1 fuseblock	272418	207629					
			Stage 2 fuseblock	207631						
			Stage 3 fuseblock	272418						
			Stage 4 fuseblock	207631						
			Stage 1 fuse	207615 (3)	207622 (3)					
			Stage 2 fuse	207617 (3)	207625 (3)					
			Stage 3 fuse							
			Stage 4 fuse							
			E80**	YDHA, YDMA	120, 150, 180, 210, 240, 300, 360	Heater rack	272505 (8)		272506 (8)	272507 (8)
						Limit control, 170°	272748		272748	
						SCR power controller	234057			
	SCR contactor	272416				272416				
Step 2 contactor	—									
Step 3 contactor										
Step 4 contactor										
SCR fuseblock	207631	207630								
Step 2 fuseblock		—								
Step 3 fuseblock										
Step 4 fuseblock										
SCR fuse	207617 (3)	207628 (3)								
Step 2 fuse		—								
Step 3 fuse										
Step 4 fuse										

*Not available on cabinet size 0 units.

**Quantity is one (1) unless otherwise indicated.

*Not available on cabinet size 0 units.

**Quantity is one (1) unless otherwise indicated.

Table 28. Electric Heat Components—Continued

E Option	Model	Unit Size	Component	AK Option (V/PH/Hz)				
				AK5 (208/3/60)	AK6 (230/3/60)	AK7 (460/3/60)	AK8* (575/3/60)	
				PN (Quantity)**				
E80** (continued)	YDSA	120, 150, 180, 210	Heater rack	272505 (7)		272506 (7)	272507 (7)	
			Limit control, 170°	272748		272748		
			Stage 1 contactor	272416		272001		
			Stage 2 contactor					
			Stage 3 contactor					
			Stage 4 contactor					
			Stage 1 fuseblock	207631		207629		
			Stage 2 fuseblock					
			Stage 3 fuseblock					
			Stage 4 fuseblock	207631				
			Stage 1 fuse	207617 (3)		207625 (3)		
			Stage 2 fuse					
			Stage 3 fuse					
			Stage 4 fuse					
E90**	YDHA, YDMA	120, 150, 180, 210, 240, 300, 360	Heater rack	272505 (9)		272506 (9)	272507 (9)	
			SCR power controller	234057				
			Limit control, 170°	272748		272748		
			SCR contactor	272416		272001		
			Step 2 contactor					
			Step 3 contactor					
			Step 4 contactor					
			Step 5 contactor	272001		—		
			SCR fuseblock	207631		207630		
			Step 2 fuseblock	207631		207630		
			Step 3 fuseblock			—		
			Step 4 fuseblock			—		
			Step 5 fuseblock	207618		—		
			SCR fuse	207617 (3)		207627 (3)		
			Step 2 fuse					
			Step 3 fuse					
			Step 4 fuse					
			Step 5 fuse	207615 (3)		—		
	YDSA	120, 150, 180, 210	Heater rack	272505 (9)		272506 (9)	272507 (9)	
			Limit control, 170°	272748		272748		
			Stage 1 contactor A	272001		272416		
			Stage 1 contactor B	272416		—		
			Stage 2 contactor A	272001		272416		
			Stage 2 contactor B	272416		—		
			Stage 3 contactor A	272001		272416		
			Stage 3 contactor B	272416		—		
			Stage 1 fuseblock A	207618		207630		
			Stage 1 fuseblock B	207631		—		
			Stage 2 fuseblock A			207630		
			Stage 2 fuseblock B			—		
		YDSA	180, 210	Stage 3 fuseblock A	207618		207630	
				Stage 3 fuseblock B	207631		—	
				Stage 1 fuse A	207615 (3)		207627 (3)	
				Stage 1 fuse B	207617 (3)		—	
				Stage 2 fuse A	207615 (3)		207627 (3)	
				Stage 2 fuse B	207617 (3)		—	
	Stage 3 fuse A			207615 (3)		207627 (3)		
	Stage 3 fuse B			207617 (3)		—		

*Not available on cabinet size 0 units.

**Quantity is one (1) unless otherwise indicated.

*Not available on cabinet size 0 units.

**Quantity is one (1) unless otherwise indicated.

ELECTRIC HEAT COMPONENTS—CONTINUED

Table 28. Electric Heat Components—Continued							
E Option	Model	Unit Size	Component	AK Option (V/PH/Hz)			
				AK5 (208/3/60)	AK6 (230/3/60)	AK7 (460/3/60)	AK8* (575/3/60)
				PN (Quantity)**			
E120**	YDHA, YDMA	180, 210, 240, 300, 360	Heater rack	272505 (12)		272506 (12)	272507 (12)
			Limit control, 170°	272748		272748	
			SCR power controller	234057			
			SCR contactor	272416		272416	
			Step 2 contactor				
			Step 3 contactor			—	
			Step 4 contactor				
			Step 5 contactor				
			Step 6 contactor				
			SCR fuseblock	207631		207630	
			Step 2 fuseblock				
			Step 3 fuseblock			—	
			Step 4 fuseblock				
			Step 5 fuseblock				
			Step 6 fuseblock				
			SCR fuse	207617 (3)		207628 (3)	
			Step 2 fuse				
			Step 3 fuse				
			Step 4 fuse			—	
			Step 5 fuse				
			Step 6 fuse				
	YDSA	180, 210	Heater rack	272505 (12)		272506 (12)	272507 (12)
			Limit control, 170°	272748		272748	
			Stage 1 contactor A	272001		272416	
			Stage 1 contactor B	272416		—	
			Stage 2 contactor A	272001		272416	
			Stage 2 contactor B	272416		—	
			Stage 3 contactor A	272001		272416	
			Stage 3 contactor B	272416		—	
			Stage 4 contactor A	272001		272416	
			Stage 4 contactor B	272416		—	
			Stage 1 fuseblock A	207618		207630	
			Stage 1 fuseblock B	207631		—	
			Stage 2 fuseblock A	207618		207630	
			Stage 2 fuseblock B	207631		—	
			Stage 3 fuseblock A	207618		207630	
			Stage 3 fuseblock B	207631		—	
			Stage 4 fuseblock A	207618		207630	
			Stage 4 fuseblock B	207631		—	
			Stage 1 fuse A	207615 (3)		207627 (3)	
			Stage 1 fuse B	207617 (3)		—	
			Stage 2 fuse A	207615 (3)		207627 (3)	
			Stage 2 fuse B	207617 (3)		—	
			Stage 3 fuse A	207615 (3)		207627 (3)	
			Stage 3 fuse B	207617 (3)		—	
			Stage 4 fuse A	207615 (3)		207627 (3)	
			Stage 4 fuse B	207617 (3)		—	

*Not available on cabinet size 0 units.

**Quantity is one (1) unless otherwise indicated.

SUPPLY AIR FILTERS

NOTE: Refer to [Table 29](#) for replacement supply air filter (option AW21, AW24, or AW38) specifications.

Table 29. Replacement Supply Air Filters								
Filter Description	Cabinet Size	Model	Unit Size	Filter Size (Inches)	Option AW21 (MERV 8)	Option AW24 (MERV 13)	Option AW38 (MERV 14)	Quantity
					PN			
Supply air filter, 4-inch, disposable, pleated	0	YDHA, YDMA	062	25 × 25	1005290	1005291	1036164	1
			092	16 × 25	211128	256666	1036160	2
	1	YDHA, YDMA	060	16 × 25	211128	256666	1036160	1
			090					
		YDMA	120, 150	20 × 24	222480	260828	1036162	2
			090, 120, 150					
	2	YDHA, YDMA	180, 210, 240	16 × 25	211128	256666	1036160	4
		YDSA	120, 150					
	3	YDHA, YDMA	300, 360	25 × 29	235757	235758	1036165	
		YDSA	180, 210					

OUTSIDE AIR HOOD ASSEMBLIES

NOTE: Option AS16, the outside air hood assembly, is shown in [Figure 20](#). Refer to [Table 30](#) for outside air hood assembly components.

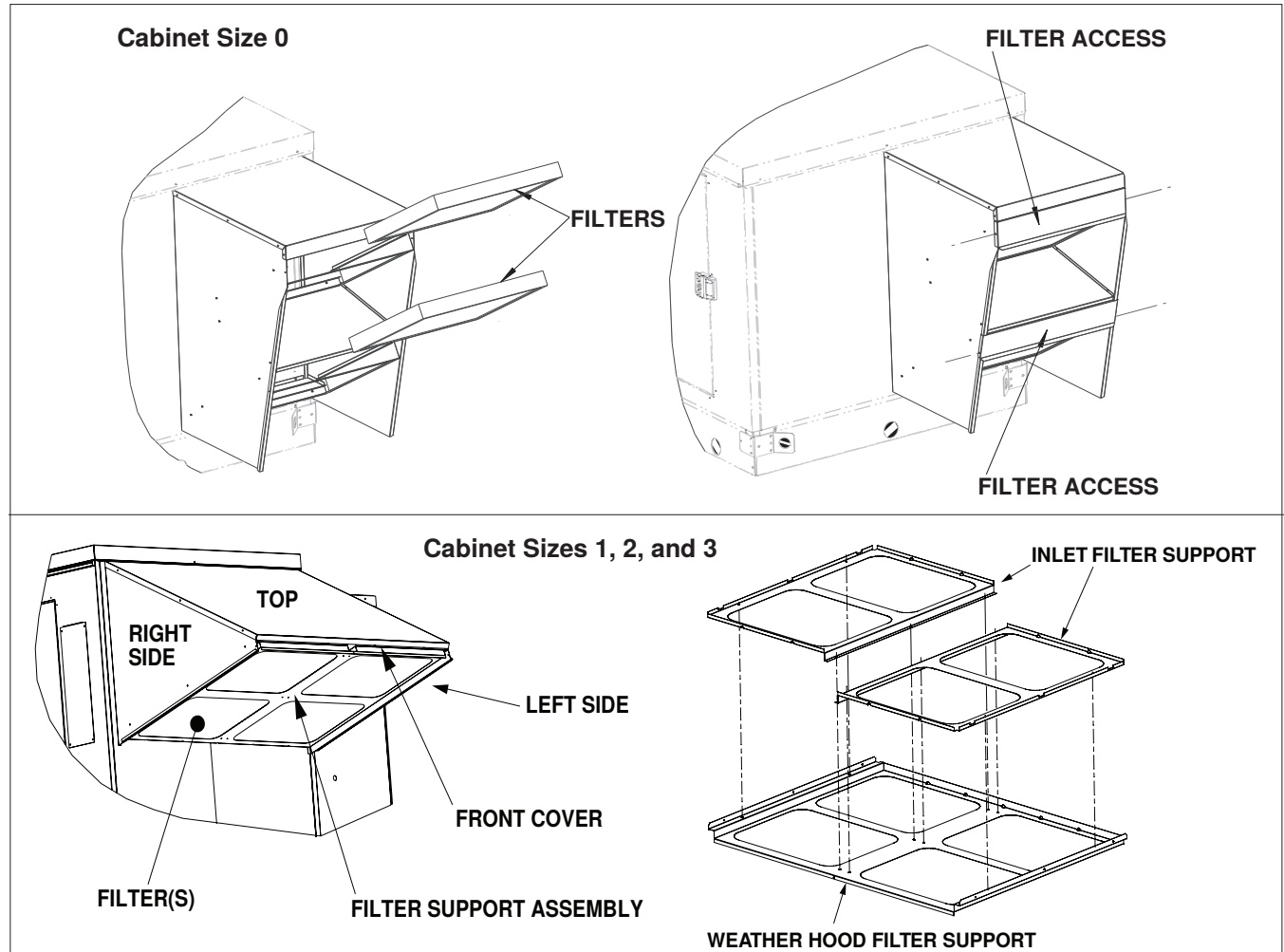


Figure 20. Outside Air Hood Assemblies (Refer to [Table 30](#))

OUTSIDE AIR HOOD ASSEMBLIES—CONTINUED

Table 30. Outside Air Hood Assembly Components				
Component	Cabinet Size	Model	Unit Size	PN (Quantity)*
Air hood package	1	YDHA, YDMA	060, 090, 120, 150	273283
	2	YDSA	120, 150	273373
		YDHA, YDMA	180, 210, 240	
	3	YDSA	180, 210	284598
		YDHA, YDMA	300, 360	
Air Hood Components				
Top	0	YDHA, YDMA	062, 092	1011704
	1		060, 090, 120, 150	272476
	2	YDSA	120, 150	271116
		YDHA, YDMA	180, 210, 240	
	3	YDSA	180, 210	284449
		YDHA, YDMA	300, 360	
Right side	0	YDHA, YDMA	062, 092	1011707
	1		060, 090, 120, 150	272477
	2	YDSA	120, 150	271117
		YDHA, YDMA	180, 210, 240	
	3	YDSA	180, 210	284450
		YDHA, YDMA	300, 360	
Left side	0	YDHA, YDMA	062, 092	1011706
	1		060, 090, 120, 150	272478
	2	YDSA	120, 150	271118
		YDHA, YDMA	180, 210, 240	
	3	YDSA	180, 210	284451
		YDHA, YDMA	300, 360	
Bottom	0	YDHA, YDMA	062, 092	1011709
				1011710
Front cover	1	YDHA, YDMA	060, 090, 120, 150	272479
	2	YDSA	120, 150	271119
		YDHA, YDMA	180, 210, 240	
	3	YDSA	180, 210	284454
	YDHA, YDMA	300, 360		
Filter	0	YDHA, YDMA	062, 092	101621 (2)
	1		060, 090, 120, 150	101607 (4)
	2	YDSA	120, 150	101610 (4)
		YDHA, YDMA	180, 210, 240	
	3	YDSA	180, 210	101609 (8)
		YDHA, YDMA	300, 360	
Filter rack	0	YDHA, YDMA	062, 092	1011708
Filter access	0	YDHA, YDMA	062, 092	1011705
				1011711
Sheet metal screw	0	YDHA, YDMA	062, 092	11813 (18)
TEK screw				37661 (9)
Filter Support Assembly Components				
Weather hood filter support	1	YDHA, YDMA	060, 090, 120, 150	272480
	2	YDSA	120, 150	268703
		YDHA, YDMA	180, 210, 240	
	3	YDSA	180, 210	284452
		YDHA, YDMA	300, 360	
Inlet filter support	1	YDHA, YDMA	060, 090, 120, 150	272481 (2)
	2	YDSA	120, 150	268704 (2)
		YDHA, YDMA	180, 210, 240	
	3	YDSA	180, 210	284453 (3)
		YDHA, YDMA	300, 360	
*Quantity is one (1) unless otherwise indicated.				

DAMPER COMPONENTS

NOTE: Damper components are listed in [Table 31](#) and shown in [Figure 21](#).

Table 31. Damper Components									
Application	Cabinet Size	Outside Air						Return Air	
		AR Option							
		AR7		AR8, AR25, AR2D, AR2G, AR2H, AR2Y		AR2L, AR2M		AR25, AR2G, AR2H, AR2M	
		Damper PN	Damper Frame PN	Damper PN	Damper Frame PN	Damper PN	Damper Frame PN	Damper PN	Damper Frame PN
Outside air, 100%	0	—		1011163	—	—		—	
	1			272145	272061			205067	—
	2			208368	268498			—	
	3			235942	235420				
Outside and return air	0	—		1011163	—	—		1011163	—
	1	272146	272144	272145	272061	—		—	269756
	2	37715	272483	208368	268498			208369	268443
	3	235940	235443	235942	235420			235941	235430
Power exhaust	0	—		1011163	—	—		1011163	—
	1			272145	272061			—	
	2			208368	268498			208369	268443
	3			235942	235420			235941	235430
Enthalpy wheel	1	—		—		272145	272061	—	
	2					208368	268498	208369	268443
	3					235942	235420	235941	235430
Damper Actuator Motor and Linkage Components (see Figure 21)									
Item No.	Component			Cabinet Size		AR2L, AR2M, AR8, AR2D, AR2Y		AR25, AR2G, AR2H	
1	Damper actuator			0, 1		263940		263940	
				2, 3		204271		204271	
2	Motor bracket			1, 2, 3		273202		273202	
Damper Linkage Components									
3	Damper arm			0		—		66278	
				1, 2, 3		—		12635	
4	Damper ball and socket joint, to outside			0, 1, 2, 3		—		12636	
5	Shaft			0		254743		254743	
				1, 2, 3		—		254742	
—	Damper rod, 1/4-inch diameter × 14 inches long*			0		—		95497	
	Damper rod, 1/4-inch diameter × 33 inches long*			1, 2, 3		—		179176	
*Not shown.									

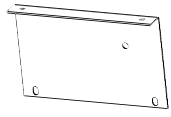
Item 1: Damper Actuator 		Item 2: Motor Bracket 	
Item 3: Damper Arm 	Item 4: Damper Ball and Socket Joint 	Item 5: Shaft 	

Figure 21. Individual Damper Components

ENERGY RECOVERY WHEEL COMPONENTS

Energy Recovery Wheel Components for Cabinet Sizes 1, 2, and 3 (Options EW30, EW36, EW46, EW52, and EW58)

Table 32. Energy Recovery Wheel Components							
Energy Recovery Wheel Package Components							
Component	Voltage (AK) Option	Cabinet Size					
		1, 2		2, 3	3		
		EW30	EW36	EW46	EW36	EW52	EW58
		PN					
Energy recovery wheel	AK3, AK5, AK6, AK7, AK8, AK12	268508	—	—	—		
	AK5, AK6, AK7	—	262325	268513	262325	262326	268517
	AK8		262352	268514	262352	262353	268518
	AK12		273330	273332	273330	273333	273334
Transformer, 200 VA	AK7, AK8, AK12	210862	—	—	—		
Exhaust fan (option PE4)*	AK3	272640					
	AK5, AK6	268558		—	268558	—	
	AK7, AK8, AK12	268562			268562		
Exhaust fan (option PE6)*	AK5, AK6	—		268560	—	268560	
	AK7, AK8, AK12			268564		268564	
Overload relay	AK3	272701	—	—	—		
	AK5, AK6	272702		272702	272702		
	AK7, AK8, AK12	—		284012	—	284012	
Overload relay (range 1.9–6.3)	AK7, AK8, AK9	272701	—	—	—		
Overload relay (range 3.5–5.0)	AK7, AK8, AK12	284010		—	284010	—	
Stepdown transformer	AK8	284216		284327	284216	284327	
Energy recovery cassette	AK2, AK3	268508	—	—	—		
	AK5, AK6, AK7	—	262325	268513	262325	262326	268517
	AK8		262352	268514	262352	262353	268518
Frost control (option PH2A)	AK3	273793		273793	273793		
Frost control (option PH3A)	AK5, AK6	272505		272505	272505		
Frost control (option PH4A)	AK7, AK8	272506		272506	272506		
Wiring harness, 1 phase		235275	—	—	—		
Wiring harness, 3 phase		—	235274	235274	235274		—
Wheel belt		235370	235371	235372	235371	295000	1011098
Wheel motor, 208–230V, 1 phase, 1050 rpm		235373	—	—	—		
Wheel motor, 230–460V, 3 phase, 1165 rpm		—	235374	235374	235374		1011101
Wheel motor, 575V, 3 phase, 1165 rpm		—	235375	235375	235375		1011102
Wheel section, 1 segment		262495	262497	235376	262497	295001	1011099
Wheel section, 4 segments		262496	262498	—	262498	—	
Wheel section, 6 segments		—		235377	—	295002	—
Wheel section, 8 segments		—		—	—		1011100
Temperature sensor (wheel supply air)		222753		222753	222753		
Dirty filter switch, ERM filters (option BE28)		273374		273374	273374		
*Refer also to Table 39 .							

Table 33. Replacement Energy Recovery Wheel Filters								
Filter Description	Option	Energy Recovery Wheel Diameter (Inches)	Cabinet Size	Model	Unit Size	Filter Size (Inches)	PN	Quantity
Energy recovery wheel filter, 1-inch, permanent	EW30	30	1	YDHA	060, 090, 120, 150	16 × 16	104102	4
				YDMA	060, 090			
			2	YDHA	180, 210, 240			
	EW36	36	1	YDHA, YDMA	120, 150	20 × 25	101610	4
			2	YDHA	180, 210, 240			
				YDSA	120, 150			
			3		180, 210			
	EW46	46	2	YDHA, YDMA	180, 210, 240	25 × 25	119779	4
			3	YDSA	180, 210			
	EW52	52	3	YDHA	300, 360	16 × 20	101607	4
						16 × 25	101609	2
						20 × 20	101608	4
						20 × 25	101610	2
	EW58	58	3	YDHA, YDMA	300, 360	16 × 20	101607	4
						16 × 25	101609	2
						20 × 20	101608	4
						20 × 25	101610	2

Electric Preheat Energy Recovery Wheel Components for Cabinet Sizes 1, 2, and 3 (Options PH2A, PH3A, and PH4A)

Table 34. Electric Preheat Energy Recovery Wheel Components								
Component	Model	Unit Size	AK Option (V/PH/Hz)					
			AK3 (230/1/60)	AK5 (208/3/60)	AK6 (230/3/60)	AK7 (460/3/60)	AK8 (575/3/60)	AK12 (400/3/50)
			PN					
Heater rack* (see Figure 22)	YDHA, YDMA	060	273793	272505	272506	272507	272506	
		090	—					
	YDHA, YDMA, YDSA	120, 150, 180,210, 240, 300	—	272505	272506	272507	272506	
	YDHA, YDMA	360						
10 kW (Option PH2A)								
Contactor	YDHA, YDMA	060	272416	272001	272001			
		090	—					
	YDHA, YDMA, YDSA	120, 150, 180, 210, 240, 300	—	272001	272001			
	YDHA, YDMA	360						
20 kW (Option PH3A)								
Contactor	YDHA, YDMA	060	272416		272001			
		090	—	272416				
	YDHA, YDMA, YDSA	120, 150, 180, 210, 240, 300	—	272416	272001			
	YDHA, YDMA	360						
Fuseblock	YDHA, YDMA	060	207631	—	—			
Fuse			207617					
30 kW (Option PH4A)								
Contactor	YDHA, YDMA	180, 210, 240, 300, 360	—	272001	272001			
				272416				
Fuseblock				207618	—			
				207631				
Fuse				207615				
				207617				
*Used in options PH2A, PH3A, and PH4A: each heat section includes an assembly of single elements.								

*Used in options PH2A, PH3A, and PH4A; each heat section includes an assembly of single elements.

ELECTRIC PREHEAT ENERGY RECOVERY WHEEL COMPONENTS—CONTINUED

Electric Preheat Energy Recovery Wheel Components for Cabinet Sizes 1, 2, and 3 (Options PH2A, PH3A, and PH4A)—Continued

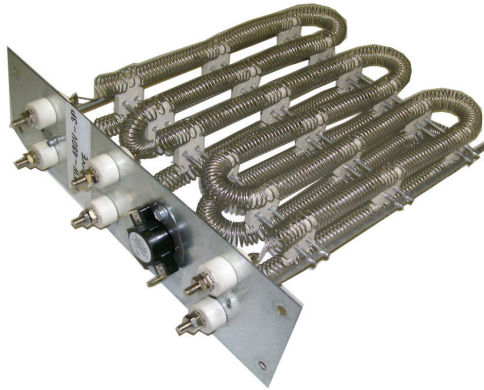


Figure 22. Heater Rack

VENTER COMPONENTS

NOTES:

- For standard efficiency units, the venter assembly (see [Figure 23](#)) is replaced as an assembly (refer to [Table 35](#) for assembly PN).
 - For high efficiency units, the venter motor and wheel assembly shown in [Figure 24](#) has replaceable parts listed in [Table 36](#).
 - The venter motor/wheel assembly for cabinet size 0 units is shown in [Figure 25](#). Components are listed in [Table 37](#).
-



Figure 23. Venter Assembly (Refer to [Table 35](#))

Table 35. Venter Assemblies for Standard Efficiency Units (Cabinet Sizes 1, 2, and 3 Only)		
Heat Section Option	Single Unit	
	PN	
H50	235949	
H75	235949	
H100	235949	
H200	235950	
H250	235951	
H300	235951	
H400	235952	
Heat Section Option	Double Unit	
	Left Side Venter Assembly	Right Side Venter Assembly
	PN	
H102	235949	235949
H125		
H150		
H175		
H202		
H402	235950	235950
H502	235950	235951
H602	235951	235951
H702	235951	235952
H802	235952	235952

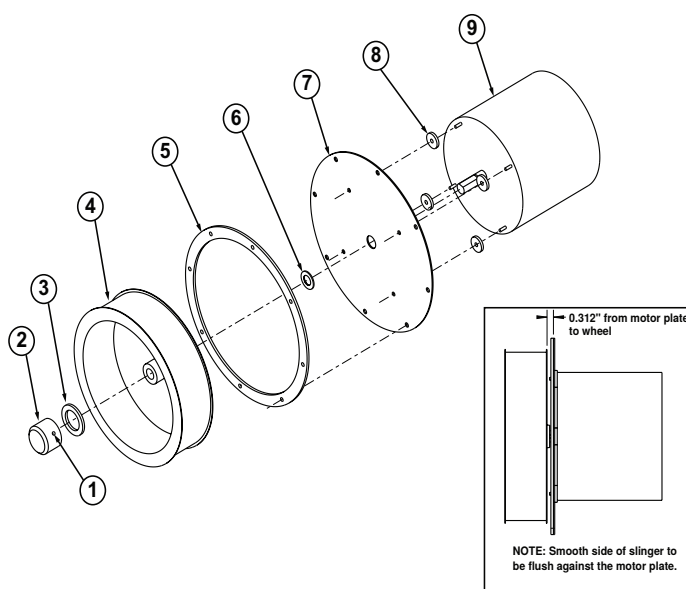


Figure 24. Venter Motor and Wheel Assembly for High Efficiency Units (Refer to [Table 36](#))

Table 36. Venter Motor and Wheel Assembly for High Efficiency Units			
Heat Section Option	Item No.	Component	PN
G150, G225, G300, G302, G372, G452, G525, G602	—	Assembly, venter motor and wheel	273297
	1	Setscrew	222077
	2	Shaft protector	221160
	3	Gasket, shaft protector	221161
	4	Blower wheel	222822
	5	Gasket, motor plate	221163
	6	Slinger	221861
	7	Motor plate	221162
	8	Flat washer	204323
	9	Venter motor	272735
	10	Nut, four (4) required (not shown)	221179

VENTER COMPONENTS—CONTINUED

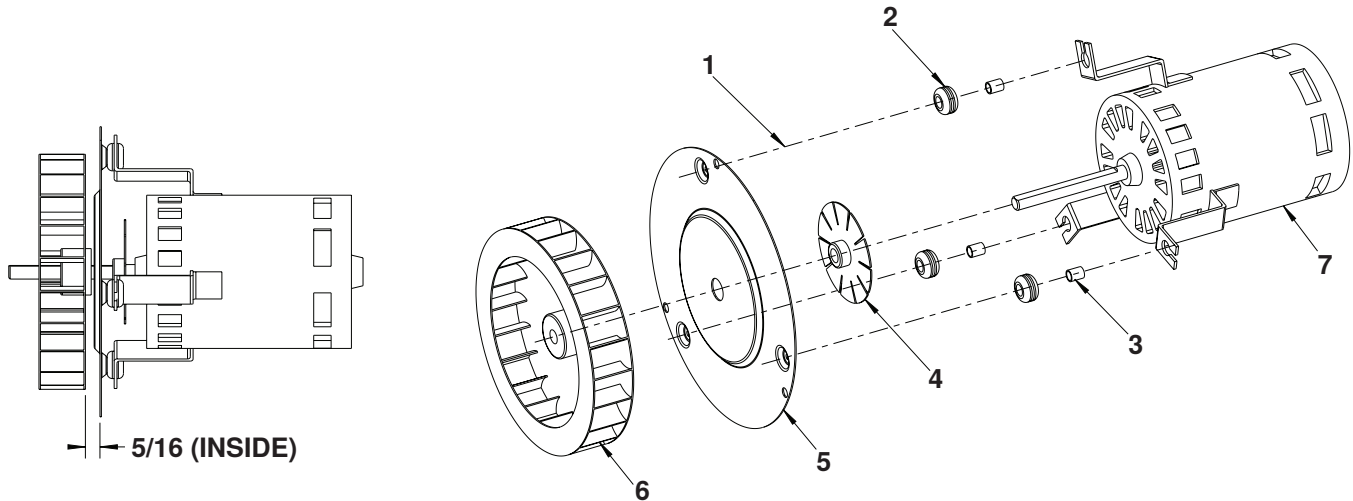


Figure 25. Venter Motor and Wheel Assembly for Cabinet Size 0 Units (Refer to [Table 37](#))

Table 37. Venter Motor and Wheel Assembly for Cabinet Size 0 Units					
Model	Heat Section Option	Item No.	Component	PN	Quantity
YDHA, YDMA	H50, H100, H120, H150	—	Assembly, venter motor and wheel	1013138	1
		1	Screw, #10-32 × 1/2 long	113275	3
		2	Isolator, venter	194534	3
		3	Bushing, venter isolator	194803	3
		4	Fan	195766	1
		5	Venter motor plate	194806	1
		6	Venter wheel	135979	1
		7	Venter motor	236161	1
	H50, H100 H120, H150	8	Assembly, venter housing (not shown)	196248 1012568	1

FAN SLED ASSEMBLY COMPONENTS (CABINET SIZES 1, 2, AND 3 ONLY)

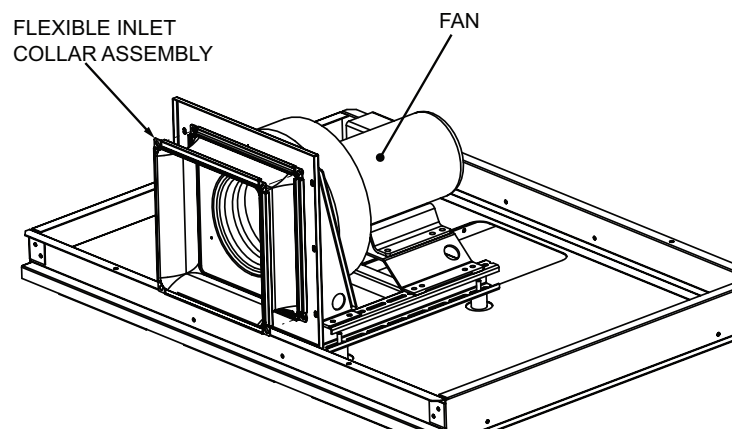


Figure 26. Fan Sled Assembly

Table 38. Fan Sled Assemblies

Supply Fan Option*	Voltage (AK) Option	Model	Unit Size	Fan Sled Assembly PN
A10	AK5, AK6, AK7	YDHA	180, 210, 240, 300, 360	235687
		YDMA	210, 240, 300, 360	
		YDSA	120, 150, 180, 210	
	AK8	YDHA	180, 210, 240, 300, 360	235688
		YDMA	210, 240, 300, 360	
		YDSA	120, 150, 180, 210	
A10E	AK5, AK6	YDHA, YDMA	060	235653
		YDHA	090	235655
		YDMA		235653
		YDHA, YDMA	120, 150, 180, 210, 240	235655
	AK7	YDHA, YDMA	060	235656
		YDHA	090	235658
		YDMA		235656
		YDHA, YDMA	120, 150, 180, 210, 240	235658
		YDHA, YDMA	060	272430
		YDHA	090	268505
		YDMA		272430
A11	AK5	YDHA	120, 150	268505
		YDMA		268505
		YDHA	180, 210, 240, 300, 360	268506
		YDMA	120, 150, 180	268505
		YDHA	210, 240, 300, 360	268506
		YDSA	120, 150, 180, 210	
	AK3	YDHA	060	272639
		YDMA		268504
	AK6, AK7	YDHA, YDMA	060	268504
		YDHA	090	268505
		YDMA		268504
		YDHA, YDMA	120, 150	268505
		YDHA	180, 210, 240, 300, 360	268506
		YDMA	180	268505
		YDMA	210, 240, 300, 360	268506
		YDSA	120, 150, 180, 210	
	AK8	YDHA, YDMA	060	272432
		YDHA	090	272433
		YDMA		272432
		YDHA, YDMA	120, 150	272433
		YDHA	180, 210, 240, 300, 360	272434
		YDMA	180	272433
		YDMA	210, 240, 300, 360	272434
		YDSA	120, 150, 180, 210	

*Refer to [Table 6](#), [Table 7](#), [Table 8](#), [Table 9](#), [Table 10](#), [Table 11](#), or [Table 12](#) for components included with supply fan option.

POWER EXHAUST COMPONENTS (OPTIONS PE AND AR)

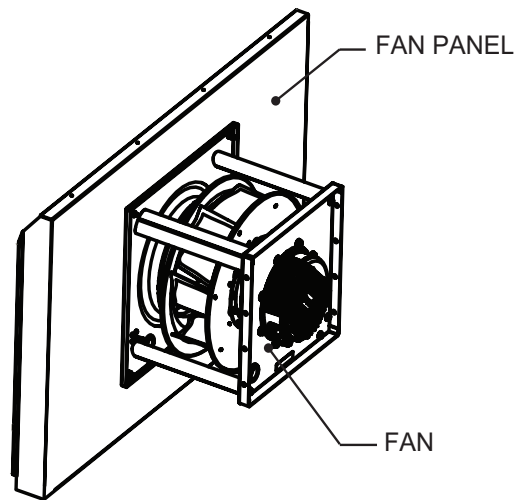


Figure 27. Power Exhaust Assembly (Refer to [Table 39](#))

Table 39. Power Exhaust Components							
Cabinet Size	Component	Voltage (AK) Option	Power Exhaust (PE) Option	Air Inlet and Damper Arrangement (AR) Option	Model	Unit Size	PN
0	Fan	AK5, AK6	PE4	AR2D, AR2H	YDHA, YDMA	062, 092	1013246
		AK7					1013247
1	Fan panel	—	PE4	AR7, AR8, AR25	YDHA, YDMA	060	271035
					YDHA	090	271036
					YDMA		271035
					YDHA, YDMA	120, 150	271036
				AR2D, AR2H, AR2G, AR2Y	YDHA, YDMA	060	272905
					YDHA	090	272906
					YDMA		272905
					YDHA, YDMA	120, 150	272906
	Fan	AK3	PE4	AR2D, AR2H	YDHA, YDMA	060	272640
		AK5, AK6				060, 090, 120, 150	268558
		AK7, AK8					268562
						090, 120, 150	

Table 39. Power Exhaust Components—Continued

Cabinet Size	Component	Voltage (AK) Option	Power Exhaust (PE) Option	Air Inlet and Damper Arrangement (AR) Option	Model	Unit Size	PN
2	Fan panel	—	PE4	—	YDHA, YDMA	180, 210, 240	273199
					YDSA	120, 150	
			PE5	—	YDHA, YDMA	180, 210, 240	273200
					YDSA	120, 150	
			PE4	AR7	YDHA	180, 210, 240	273198
				AR8	YDHA, YDMA		
				AR25	YDHA, YDMA	180, 210, 240	
					YDSA	120, 150	
			PE5	AR2G	YDHA, YDMA	180, 210, 240	273200
					YDSA	120, 150	
				AR2Y	YDMA	180, 210, 240	272905
			Fan	AK5, AK6	PE4	—	YDHA, YDMA
	YDSA	120, 150					
	PE5	—			YDHA	180, 210, 240	268559
					YDMA	210, 240	
	AK7, AK8	PE4		—	YDHA, YDMA	180, 210, 240	268562
					YDSA	120, 150	
		PE5		—	YDHA	180, 210, 240	268563
					YDMA	210, 240	
					YDSA	150	
					YDHA, YDMA	180, 210, 240	
	3	Fan panel	—	PE4	AR2D, AR2H, AR2L, AR2M	YDHA, YDMA	300, 360
YDSA						180, 210	
PE5						YDHA, YDMA	300, 360
				YDSA			180, 210
PE6				YDHA, YDMA		300, 360	235923
						YDHA, YDMA	
—*				AR2D, AR2H, AR2L, AR2M	YDSA	180, 210	235922 (with option EW36)
					YDHA	300, 360	235923 (with option EW46)
							YDHA, YDMA
					YDHA, YDMA	235923 (with option EW58)	
Fan		AK5, AK6	PE4	AR2D, AR2H, AR2L, AR2M	YDHA, YDMA	300, 360	268558
			PE5		YDHA		268559
			PE6		YDHA		268560
			PE4		YDSA	180, 210	268558
			PE5				268559
			PE6				268560
		AK7, AK8	PE4	AR2D, AR2H, AR2L, AR2M	YDHA, YDMA	300, 360	268562
			PE5		YDHA		268563
PE6	AR2D, AR2H, AR2L, AR2M	YDHA, YDMA	180, 210	268564			
				YDSA	268562		
		PE5	YDSA	180, 210	268563		
					PE6	YDSA	268564

*For energy recovery wheel components, refer to [Table 32](#).

ROOF CURBS (OPTIONS CJ31, CJ34, CJ48, AND CJ55)

NOTE: Option codes are listed in [Table 40](#) for reference. When ordering, use PN.

Table 40. Roof Curbs				
Roof Curb Type	Cabinet Size	Model	Option	PN
Package Without Energy Wheel				
Vertical (down) discharge	0	YDHA, YDMA	CJ31	1011137
Horizontal airflow			CJ48	1011138
Vertical (down) discharge	1	YDHA, YDMA	CJ31	272399
	2	YDHA, YDMA, YDSA		272403
	3			284223
Horizontal airflow	1	YDHA, YDMA	CJ48	272400
	2	YDHA, YDMA, YDSA		272404
	3			284224
Package with Energy Wheel				
Vertical (down) discharge	1	YDHA, YDMA	CJ34	272401
	2	YDHA, YDMA, YDSA		272405
	3			284223
Horizontal airflow	1	YDHA, YDMA	CJ55	272402
	2	YDHA, YDMA, YDSA		272406
	3			284224

EXTERNAL CABINET COMPONENTS

NOTES:

- A limited number of cabinet parts are listed. If additional replacement parts are needed, contact your local Distributor.
- External cabinet components for cabinet size 0 units are shown in [Figure 28](#).
- External cabinet components for cabinet sizes 1 and 2 units are shown in [Figure 29](#).
- External cabinet components for cabinet size 3 units are shown in [Figure 30](#).
- External cabinet components are listed in [Table 41](#).
- Cabinet doors for units manufactured *before* 30 APR 2019 are listed in [Table 42](#).
- Cabinet doors for units manufactured *after* 29 APR 2019 are listed in [Table 43](#).
- Cabinet door field-replacement kits are listed in [Table 44](#).
- Individual external cabinet components are shown in [Figure 31](#).

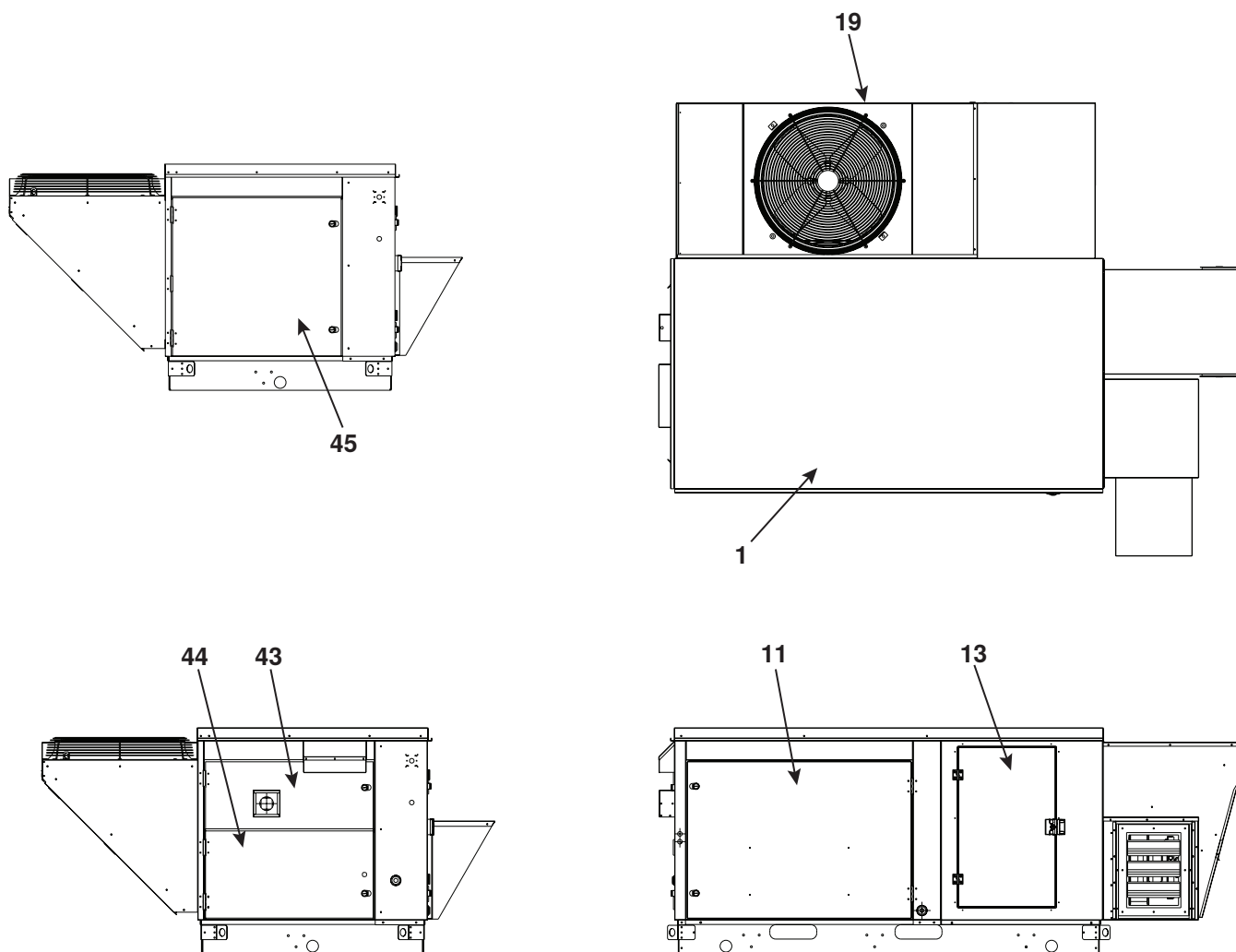


Figure 28. External Cabinet Components—Cabinet Size 0 (Refer to [Table 41](#))

EXTERNAL CABINET COMPONENTS—CONTINUED

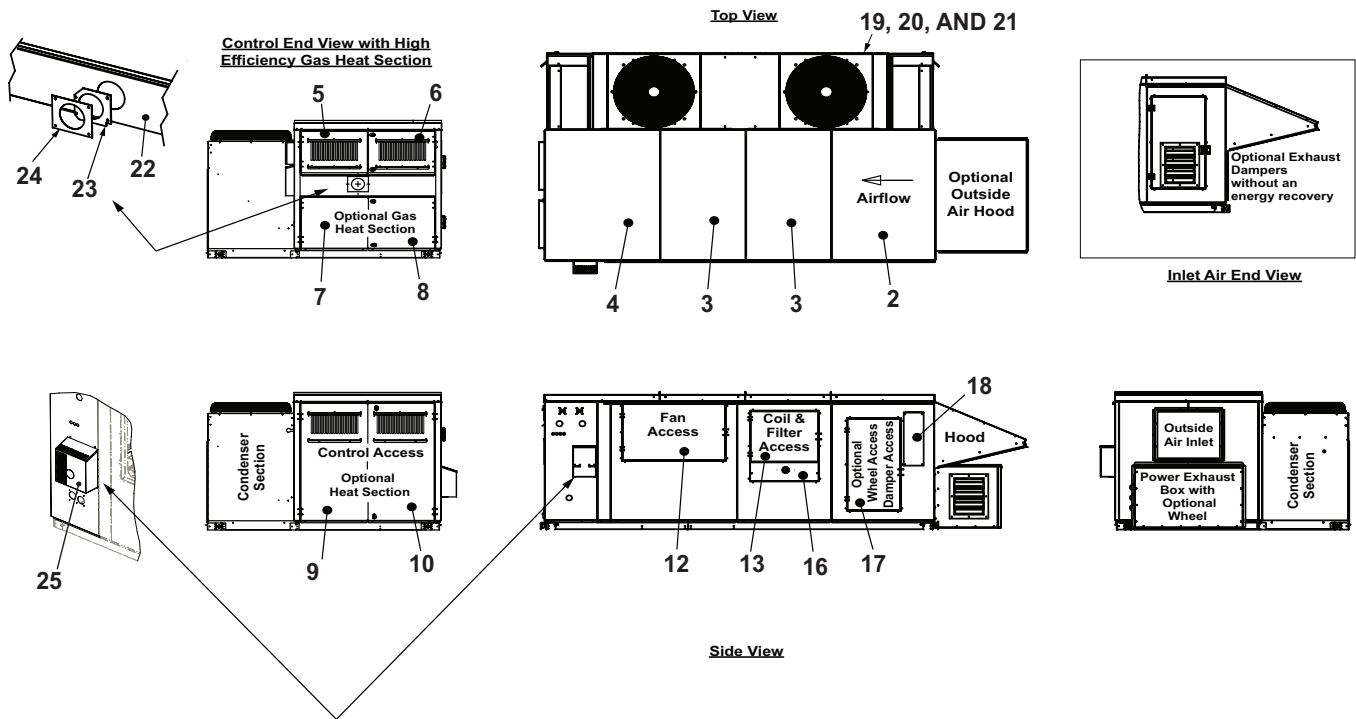


Figure 29. External Cabinet Components—Cabinet Sizes 1 and 2 (Refer to [Table 41](#))

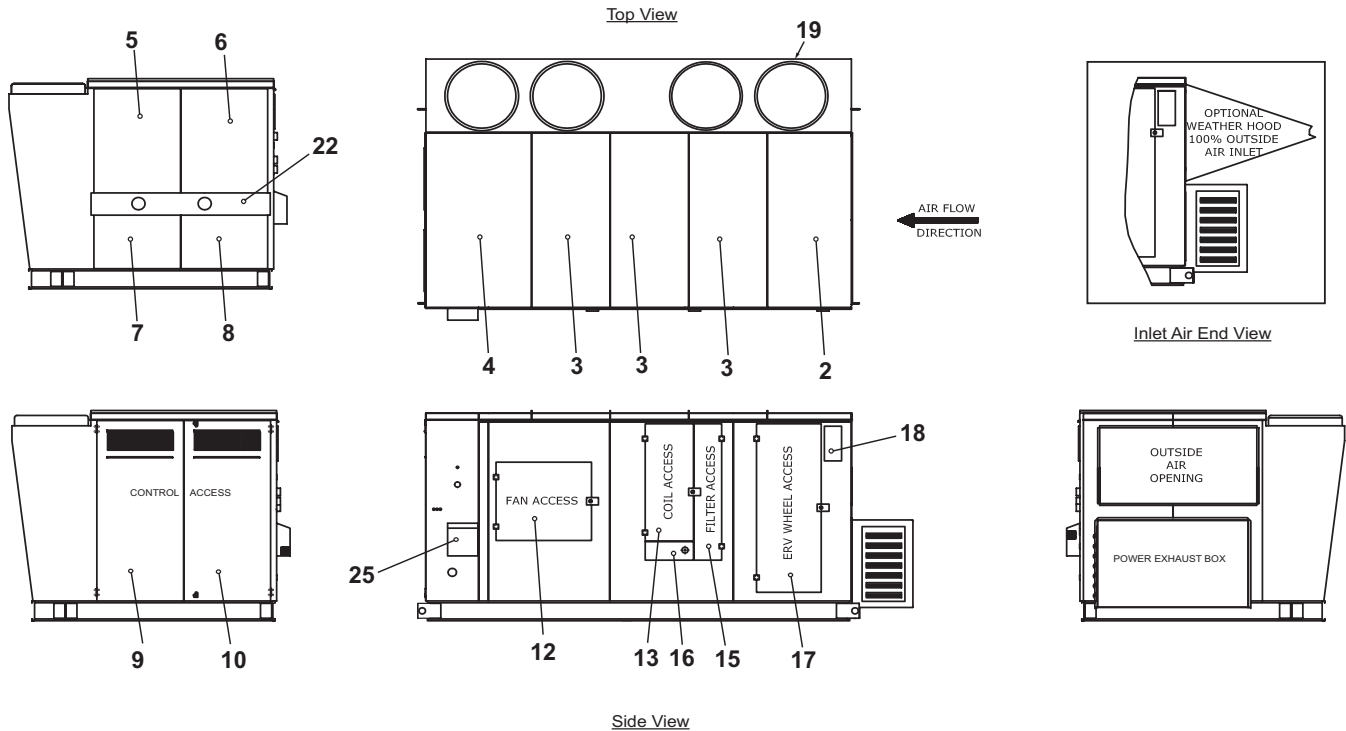


Figure 30. External Cabinet Components—Cabinet Size 3 (Refer to [Table 41](#))

Table 41. External Cabinet Components

Item No.	Component	Model	Unit Size	Option	Cabinet Size			
					0	1	2	3
					PN (Quantity)*			
1	Top cover	YDHA, YDMA	062, 092	—	1004941	—		
2	Top cover, rear	YDHA, YDMA, YDSA	060, 090, 120, 150, 180, 210, 240, 300, 360	AR7, AR8, AR25, AR2D, AR2G, AR2H, AR2Y	—	271019	269961	284507
				AR2L, AR2M	—	271047	269661	284507
3	Top cover, center			—	—	272147	269660	284506
4	Top cover, end			—	—	271017	269659	284505
5	Control door, left	Refer to Table 42 , Table 43 , and Table 44						
6	Control door, right							
7	Gas door, left							
8	Gas door, right							
9	Control door, left							
10	Control door, right							
11	Control access door	YDHA, YDMA	062, 092	—	1011712	—		
12	Fan access panel	YDHA, YDMA	060	—	—	270934	—	
		YDMA	090		—	272259		
		YDHA	090, 120, 150		—	272259		
		YDMA	120, 150		—	—	272259	272259
13	Coil and filter access panel	YDHA, YDMA	060	—	—	270933	—	
		YDMA	090		1004996	270990		
		YDHA	090, 120, 150					
		YDMA	120, 150		—	—	272262	—
		YDHA, YDMA, YDSA	060, 090, 120, 150, 180, 210, 240, 300, 360		—	—	272262	—
14	Coil access panel	YDHA, YDMA, YDSA	060, 090, 120, 150, 180, 210, 240, 300, 360	—	—	—	—	284309
15	Filter access panel				—	—	—	284312
16	Drain access outer panel				—	271011	270160	235727
17	Energy recovery wheel or damper access panel	YDHA, YDMA	060	AR1, AR7, AR8, AR25, AR2L, AR2M	—	270932	—	
		YDMA	090		—	271051		
		YDHA, YDMA	060	AR2D, AR2G, AR2H, AR2Y	—	270992		
		YDMA	090		—			
		YDHA	090, 120, 150	AR1, AR7, AR8, AR25, AR2L, AR2M	—	270992		
		YDMA	120, 150		—			
		YDHA	090, 120, 150	AR2D, AR2G, AR2H, AR2Y	—	271054		
		YDMA	120, 150		—			
		YDHA, YDMA, YDSA	060, 090, 120, 150, 180, 210, 240, 300, 360	AR1, AR4, AR7, AR8, AR25	—	—	235296	284318
AR2D, AR2G, AR2H, AR2Y	272268			284318				
AR2L, AR2M	272265			284315				
18	Damper motor access cover	YDHA, YDMA, YDSA	060, 090, 120, 150, 180, 210, 240, 300, 360	AR2L, AR2M	—	269567	269567	235728
19	Hail guard	YDHA, YDMA, YDSA	All	—	1020643	272068 (2)	271061 (3)	284544 (4)
20	Sheet metal screw				37661 (10)	20859 (12)	20859 (24)	20859 (32)
21	Washer	YDHA, YDMA, YDSA	060, 090, 120, 150, 180, 210, 240, 300, 360	—	—	113807 (12)	113807 (24)	113807 (32)
22	Exhaust panel	YDHA, YDMA, YDSA	060, 090, 120, 150, 180, 210, 240, 300, 360	G150, G225, G300	—	272971	273560	284520
				G302	—	273015	271149	235774
				G372	—	273016	271150	284516
			210, 240, 300, 360	G452	—	—	271151	284517
			300, 360	G525			—	284518
G602	—	284519						

*Quantity is one (1) unless otherwise indicated.

EXTERNAL CABINET COMPONENTS—CONTINUED

Table 41. External Cabinet Components—Continued								
Item No.	Component	Model	Unit Size	Option	Cabinet Size			
					0	1	2	3
					PN (Quantity)*			
23	Vent cover gasket	YDHA, YDMA, YDSA	060, 090, 120, 150, 180, 210, 240, 300, 360	G150, G225, G300, G302, G372, G452	—	221514	221514	221514
24	Exhaust cover plate				—	273561	273561	273561
25	Vent box subassembly, includes restrictor (PN 215165), screen (PN 215167), and box (PN 215161)	YDHA, YDMA	062, 092	—	—			
	Vent box subassembly, for standard efficiency gas heat units	YDHA, YDMA, YDSA	060, 090, 120, 150, 180, 210, 240, 300, 360	H50, H75, H100, H125, H150, H175, H202	—	273789	273789	273789
				H200, H250, H300, H400, H402, H502, H602, H702, H802	—	273788	273788	273788
26	Hinge for foam-filled doors**	YDHA, YDMA, YDSA	All	—	271796	271796	271796	271796
27	Slam latch**	YDHA, YDMA, YDSA	All	—	271797	271797	271797	271797
28	Drain pan**	YDHA, YDMA, YDSA	All	—	1025289	271300	269669	284104
29	Hinge for standard doors**	YDHA, YDMA, YDSA	All	—	210029	210029	210029	210029
30	Door latch**	YDHA, YDMA, YDSA	All	—	204469	204469	204469	204469
31	Pull tab**	YDHA, YDMA, YDSA	All	—	204470	204470	204470	204470
32	Touchup paint, cabinet, white, 11-oz spray can	YDHA, YDMA, YDSA	All	—	201805	201805	201805	201805
33	Vent cap, 4-inch (option CC3)	YDHA, YDMA, YDSA	All	H50, H75, H100, H120, H150	111848			
34	Vent cap, 4-inch (option CC3D)	YDHA, YDMA, YDSA	All	H102, H125, H150, H175, H202	111848 (2)			
35	End cap, 4-inch (option CC3D)				236481			
36	Vertical vent box assembly, 4-inch (options CC3 and CC3D)	YDHA, YDMA, YDSA	All	H50, H75, H100, H102, H125, H150, H175, H202	235981			
37	Vent cap, 5-inch (option CC3)	YDHA, YDMA, YDSA	All	H200, H250, H300, H400	111849			
38	Vent cap, 5-inch (option CC3D)	YDHA, YDMA, YDSA	All	H402, H502, H602, H702, H802	111849 (2)			
39	End cap, 5-inch (option CC3D)				236420			
40	Vertical vent box assembly, 5-inch (options CC3 and CC3D)	YDHA, YDMA, YDSA	All	H200, H250, H300, H400, H402, H502, H602, H702, H802	235982			
41	Bird guard (option CC4)	YDHA, YDMA, YDSA	All	G150, G225, G300	273387			
42	Bird guard (option CC4D)			G302, G372, G452, G525, G602	273388			
43	Gas heat door, top	YDHA, YDMA	062, 092	—	1004921	—		
44	Gas heat door, bottom				1011713			
45	Electric heat door				1011714			
46	Compressor door				1004954			
*Quantity is one (1) unless otherwise indicated.								
**See Figure 31 .								

Table 42. Cabinet Doors (Units Manufactured *Before* 30 APR 2019)

Item No.*	Component	Model	Unit Size	Option	Cabinet Size		
					1	2	3
					PN**		
6	Control door, left	YDHA, YDMA	060	G150, G225, G300, G302, G372	272981	—	
		YDMA	090		272983		
		YDHA	090, 120, 150				
		YDMA	120, 150				
		YDHA, YDMA, YDSA	All	G150, G225, G300, G302, G372, G452, G525, G602	—	273564	284526
7	Control door, right	YDHA, YDMA	060	G150, G225, G300, G302, G372	272978	—	
		YDMA	090		272982		
		YDHA	090, 120, 150				
		YDMA	120, 150				
		YDHA, YDMA, YDSA	All	G150, G225, G300, G302, G372, G452, G525, G602	—	273565	284524
8	Gas door, left	YDHA, YDMA, YDSA	All	G150, G225, G300, G302, G372	272975	—	
				G150, G225, G300, G302, G372, G452, G525, G602	—	273558	284521
9	Gas door, right	YDHA, YDMA, YDSA	All	G150, G225, G300, G302, G372	272974	—	
				G150, G225, G300, G302, G372, G452, G525, G602	—	273566	284522
10	Control door, left	YDHA, YDMA	060	H100, H102, H125, H150, H175, H200, H202, H250, H300, H400, H402 or E20, E30, E40, E50, E60, E70, E80, E90, E120	271270	—	
		YDMA	090		271271		
		YDHA	090, 120, 150				
		YDMA	120, 150				
		YDHA, YDMA, YDSA	All	H100, H102, H125, H150, H175, H200, H202, H250, H300, H400, H402, H502, H602 or E20, E30, E40, E50, E60, E70, E80, E90, E120	—	271441	284513
11	Control door, right	YDHA, YDMA	060	H100, H102, H125, H150, H175, H200, H202, H250, H300, H400, H402 or E20, E30, E40, E50, E60, E70, E80, E90, E120	271268	—	
		YDMA	090		271269		
		YDHA	090, 120, 150				
		YDMA	120, 150				
		YDHA, YDMA, YDSA	All	H100, H102, H125, H150, H175, H200, H202, H250, H300, H400, H402, H502, H602, H702, H802 or E20, E30, E40, E50, E60, E70, E80, E90, E120	—	271440	284509

*Refer to [Table 41](#).

**Refer to [Table 44](#) for cabinet door field-replacement kits.

EXTERNAL CABINET COMPONENTS—CONTINUED

Table 43. Cabinet Doors (Units Manufactured After 29 APR 2019)								
Item No.*	Component	Model	Unit Size	Option	Cabinet Size			Heat Type
					1	2	3	
					PN**			
6	Control door, left	YDHA, YDMA	060	G150, G225, G300, G302, G372	1024874	—		High efficiency gas heat
		YDMA	090		1024873			
		YDHA	090, 120, 150					
		YDMA	120, 150					
		YDHA, YDMA, YDSA	All	G150, G225, G300, G302, G372, G452, G525, G602	—	1024863	1024855	
7	Control door, right	YDHA, YDMA	060	G150, G225, G300, G302, G372	1024872	—		
		YDMA	090		1024871			
		YDHA	090, 120, 150					
		YDMA	120, 150					
		YDHA, YDMA, YDSA	All	G150, G225, G300, G302, G372, G452, G525, G602	—	1024864	1024856	
8	Gas door, left	YDHA, YDMA, YDSA	All	G150, G225, G300, G302, G372	1024870	—		
				G150, G225, G300, G302, G372, G452, G525, G602	—	1024862	1024858	
9	Gas door, right	YDHA, YDMA, YDSA	All	G150, G225, G300, G302, G372	1024869	—		
				G150, G225, G300, G302, G372, G452, G525, G602	—	1024861	1024857	
10	Control door, left	YDHA, YDMA	060	H100, H102, H125, H150, H175, H200, H202, H250, H300, H400, H402 or E20, E30, E40, E50, E60, E70, E80, E90, E120	1024865	—		
		YDMA	090		1024866			
		YDHA	090, 120, 150					
		YDMA	120, 150					
		YDHA, YDMA, YDSA	All	H100, H102, H125, H150, H175, H200, H202, H250, H300, H400, H402, H502, H602 or E20, E30, E40, E50, E60, E70, E80, E90, E120	—	1024859	1024854	
11	Control door, right	YDHA, YDMA	060	H100, H102, H125, H150, H175, H200, H202, H250, H300, H400, H402 or E20, E30, E40, E50, E60, E70, E80, E90, E120	1024867	—		
		YDMA	090		1024868			
		YDHA	090, 120, 150					
		YDMA	120, 150					
		YDHA, YDMA, YDSA	All	H100, H102, H125, H150, H175, H200, H202, H250, H300, H400, H402, H502, H602, H702, H802 or E20, E30, E40, E50, E60, E70, E80, E90, E120	—	1024860	1024853	
*Refer to Table 41 .								
**Refer to Table 44 for cabinet door field-replacement kits.								

Table 44. Cabinet Door Field-Replacement Kits				
Cabinet Size	Model and Unit Size	Heat Type	Kit PN	Door PN
1	YDHA 060, YDMA 060, or YDMA 090	Standard efficiency gas heat, electric heat, or no heat	1024875	1024865
	1024867			
	YDHA 090, YDHA 120, YDHA 150, YDMA 120, or YDMA 150		1024876	1024866
	1024868			
	YDHA 060, YDMA 060, or YDMA 090	High efficiency gas heat	1024877	1024869
				1024870
				1024872
				1024874
	YDHA 090, YDHA 120, YDHA 150, YDMA 120, or YDMA 150	High efficiency gas heat	1024878	1024869
				1024870
				1024871
				1024873
2	YDHA 180, YDHA 210, YDHA 240, YDMA 180, YDMA 210, or YDMA 240	Standard efficiency gas heat, electric heat, or no heat	1024879	1024859
				1024860
		High efficiency gas heat	1024880	1024861
				1024862
				1024863
				1024864
3	YDHA 300, YDHA 360, YDMA 300, or YDMA 360	Standard efficiency gas heat, electric heat, or no heat	1024881	1024853
				1024854
		High efficiency gas heat	1024882	1024855
				1024856
				1024857
				1024858

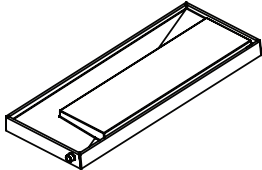
Item 26: Hinge for Foam-Filled Door 	Item 27: Slam Latch 	Item 28: Drain Pan 
Item 29: Hinge for Standard Door 	Item 30: Door Latch 	Item 31: Pull Tab 

Figure 31. Individual External Cabinet Components (Refer to [Table 41](#))

HOT GAS REHEAT COMPONENTS (OPTION AUR2)

Table 45. Option AUR2 Components

Table 45. Option AUR2 Components							
Component	Model	Unit Size	Cabinet Size				
			0	1A	1B	2	3
			PN (Quantity)*				
Reheat coil	YDHA, YDMA	062, 092	1005278	—			
	YDHA	060	—	284220	—		
	YDMA	060, 090					
	YDHA	090	—		268549	—	
	YDHA, YDMA	120, 150			1020447		
	YDHA, YDMA	180, 210, 240	—			1020456	—
		300, 360	—				1020475
Three-way valve	YDHA, YDMA	062, 092	1005285	—			
	YDHA	060	—	1005285	—		
	YDMA	060, 090					
	YDHA	090	—		1005285	—	
	YDHA, YDMA	120, 150			1005285 (2)		
	YDHA, YDMA	180	—			1005285 (2)	—
		210, 240				1020875 (2)	
300, 360		—				1020875 (2)	
Valve interface board	YDHA, YDMA	062, 092	1012894	—			
	YDHA	060	—	1012894	—		
	YDMA	060, 090					
	YDHA	090	—		1012894	—	
	YDHA, YDMA	120, 150			1012894 (2)		
	YDHA, YDMA	180, 210, 240	—			1012894 (2)	—
		300, 360	—				1012894 (2)
Carel expansion card	YDHA, YDMA	120, 150	—		1020802	—	
		180, 210, 240	—			1020802	—
		300, 360	—				1020802
Carel connector kit	YDHA, YDMA	120, 150	—		1020803	—	
		180, 210, 240	—			1020803	—
		300, 360	—				1020803
Carel bulb sensor	YDHA, YDMA	120, 150	—		1020804	—	
		180, 210, 240	—			1020804	—
		300, 360	—				1020804
Check valve	YDHA, YDMA	062, 092	259292 (2)	—			
	YDHA	060	—	259292 (2)	—		
	YDMA	060, 090					
	YDHA	090	—		259292 (2)	—	
	YDHA, YDMA	120, 150			259292 (4)		
	YDHA, YDMA	180, 210, 240	—			259292 (4)	—
		300, 360	—				1020876 (4)
Filter-dryer	YDHA, YDMA	062, 092	216408	—			
	YDHA	060	—	669780	—		
	YDMA	060, 090					
	YDHA	090	—		669780	—	
	YDHA, YDMA	120, 150			669780 (2)		
	YDHA, YDMA	180, 210, 240	—			216410 (2)	—
		300	—				216410 (2)
		360					221010 (2)
*Quantity is one (1) unless otherwise indicated.							

*Quantity is one (1) unless otherwise indicated.

NOTES

