

REPLACEMENT PARTS FOR Y SERIES

PACKAGED ROOFTOP EQUIPMENT MODELS YDHA, YDMA, AND YDSA (CABINET SIZES 1, 2, AND 3)



TABLE OF CONTENTS

- CABINET CONFIGURATIONS 2
- REFERENCES 2
- RATING PLATES 3
- SERIAL NUMBERS 5
- CROSS-REFERENCE BY CABINET SIZE 6
- ELECTRICAL COMPONENTS 7
- HEAT SECTION MODULES 24
- GAS HEAT COMPONENTS 26
- ELEVATION ADJUSTMENT OPTIONS FOR GAS ORIFICE REPLACEMENT..... 32
- COOLING AND DEHUMIDIFYING COMPONENTS 34
- ELECTRIC HEAT COMPONENTS 42
- SUPPLY AIR FILTERS..... 47
- OUTSIDE AIR HOOD ASSEMBLIES 47
- DAMPER COMPONENTS 49
- ENERGY RECOVERY WHEEL COMPONENTS (OPTIONS EW30, EW36, EW46, EW52, AND EW58) 50
- ELECTRIC PREHEAT ENERGY RECOVERY WHEEL COMPONENTS (OPTIONS PH2A, PH3A, AND PH4A) 51
- VENTER COMPONENTS 52
- FAN SLED ASSEMBLY COMPONENTS..... 54
- POWER EXHAUST COMPONENTS (OPTIONS PE AND AR) 55
- ROOF CURBS (OPTIONS CJ31, CJ34, CJ48, AND CH55)..... 56
- EXTERNAL CABINET COMPONENTS 57

IMPORTANT

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

IMPORTANT SAFETY INFORMATION

⚠ DANGER ⚠

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

⚠ WARNING ⚠

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

CABINET CONFIGURATIONS

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

Model YDHA:

- 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 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)

REFERENCES

Table 1. Related Catalogs and Technical Manuals Available from Factory Distributor

Type	Catalog or Form	PN
Installation/operation	D300530 I-Y	273646
Operation/maintenance/service	D300531 O-Y	273647
Airflow pressure drops and ranges, amp loads, and blower charts (rpm/bhp)	Sales/technical catalog C-YD	—
Ignition system and gas valve replacement parts	D300522 P-Valves	263995
Controls for options D19, D21, D22, and D23	CP-P125-D19-D21-D22-D23	1024315
Roof curb installation (options CJ31, CJ34, CJ48, and CJ55)	D303068 I-OPT-C-DE	132099
Outside air hood Installation (option AS16)	D303067 I-OPT-WH-DE	132901

RATING PLATES

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"							

- | | |
|---|--|
| <p>A = Model</p> <p>B = Manufacturing date (month/year)</p> <p>C = Blower motor HP</p> <p>D = Volts/phase/Hertz</p> <p>E = Blower motor Full Load Amps (FLA)</p> <p>F = Minimum Circuit Ampacity (MCA)</p> <p>G = Maximum fuse size (MOP)</p> <p>H = Compressor A quantity</p> <p>I = Compressor A rated load amps</p> <p>J = Compressor A locked rotor amps</p> <p>K = Compressor B quantity</p> <p>L = Compressor B rated load amps</p> <p>M = Compressor B locked rotor amps</p> <p>N = Compressor C quantity</p> <p>O = Compressor C rated load amps</p> <p>P = Compressor C locked rotor amps</p> <p>Q = Compressor D quantity</p> <p>R = Compressor D rated load amps</p> | <p>S = Compressor D locked rotor amps</p> <p>V = Circuit A refrigerant charge (lb)</p> <p>W = Circuit B refrigerant charge (lb)</p> <p>X = Circuit C refrigerant charge (lb)</p> <p>Y = Circuit D refrigerant charge (lb)</p> <p>Z = Condenser fan motor HP</p> <p>CC = SCFM airflow</p> <p>DD = External static pressure (IN WC)</p> <p>FF = Wiring diagram number</p> <p>GG = Compressor low enthalpy quantity</p> <p>HH = Compressor low enthalpy rated load amps</p> <p>JJ = Compressor low enthalpy locked rotor amps</p> <p>KK = Compressor high enthalpy quantity</p> <p>LL = Compressor high enthalpy rated load amps</p> <p>MM = Compressor high enthalpy locked rotor amps</p> <p>NN = RPLE circuit refrigerant charge (lb)</p> <p>PP = RPHE circuit refrigerant charge (lb)</p> |
|---|--|

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
	CONSOMMATION 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.
CONSOMMATION 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 NUMBERS

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* JUNE 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 2](#))

3 = Consecutive number

4 = Not applicable

5 = Motor horsepower (refer to [Table 3](#))

6 = Type of gas—models YDHA, YDMA, and YDSA (N = natural; L = propane)

7 = Ignition code—models YDHA, YDMA, and YDSA (refer to form *D300522 P-Valves* listed in [Table 1](#))

8 = Valve code—models YDHA, YDMA, and YDSA (refer to form *D300522 P-Valves* listed in [Table 1](#))

DECODING A SYSTEM SERIAL NUMBER FOR ALL MODELS *AFTER* MAY 2015

Serial No. Sample: BOG 3060 00000

Elements Key No.: 1 | 2 | 3

Key:

1 = Date code (refer to [Table 2](#))

2 = Plant of manufacture (3060 = Mercer; 3062 = Monterrey)

3 = Consecutive number

Table 2. 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	BT A	BTB	BTC	BT D	BTE	BTF	BTG	BTH	BTI	BTJ	BTK	BTL
2021	BUA	BUB	BUC	BUD	BUE	BUF	BUG	BUH	BUI	BUJ	BUK	BUL
2022	BVA	BVB	BVC	BVD	BVE	BVF	BVG	BVH	BVI	BVJ	BVK	BVL
2023	BWA	BWB	BWC	BWD	BWE	BWF	BWG	BWH	BWI	BWJ	BWK	BWL
2024	BXA	BXB	BXC	BXD	BXE	BXF	BXG	BXH	BXI	BXJ	BXK	BXL
2025	BYA	BYB	BYC	BYD	BYE	BYF	BYG	BYH	BYI	BYJ	BYK	BYL

Table 3. Serial Number Motor Horsepower Codes

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

CROSS-REFERENCE BY CABINET SIZE

Table 4. Cross-Reference by Cabinet Size for Gas Heat Units											
Model	Cabinet Size	Unit Size/Nominal Cooling Capacity (Tons)									
		060/5	090/7.5	120/10	150/12.5	180/15	210/17.5	240/20	300/25	360/30	
Applicable Option Codes*											
Standard Efficiency Gas Heat Sections											
YDHA	1	H50			—						
		H75, H100, H102, H125, H150, H175									
		—			H200, H202, H250, H300			—			
	2	—			H400, H402			—			
		—			—			H75		—	
		—			—			H100, H102, H125, H150, H175, H200, H202, H250, H300, H400, H402, H502, H602		—	
3	—			—			H200, H202, H250, H300, H400, H402, H502, H602, H702, H802				
YDMA	1	H50		—		H400, H402			—		
		H75									
		—			H100, H102, H125, H150, H175, H200, H202			—			
	2	—			H250, H300			—			
		—			—			H125		—	
		—			—			H150		—	
3	—			—			H175, H200, H202, H250, H300, H400, H402, H502, H602		—		
YDSA	2	—			H100, H102		—				
	—			H125, H150, H175, H200, H202, H250, H300, H400, H402			—				
	3	—			—			H150		H602	
—			—			H175, H200, H202, H250, H300, H400, H402, H502		—			
High Efficiency Gas Heat Sections											
YDHA	1	G150, G225									
		—			G300, G302			—			
	2	—			—			G150, G225, G300, G302, G372, G452		—	
3	—			—			G225, G300, G302, G372, G452, G525, G602				
YDMA	1	G150, G225									
		—			G300, G302			—			
	2	—			—			G150, G225, G300, G302, G372, G452		—	
3	—			—			G225, G300, G302, G372, G452, G525, G602				
YDSA	2	—			G150, G225, G300, G302			—			
	—			G372			—				
3	—			—			G150, G225, G300, G302, G372, G452		—		

*The following options are available on units with dual furnaces: H102, H125, H150, H175, H202, H302, H372, H402, H452, H502, H525, H602, H702, and H802.

Table 5. Cross-Reference by Cabinet Size for Electric Heat Units											
Model	Cabinet Size	Unit Size/Nominal Cooling Capacity (Tons)									
		060/5	090/7.5	120/10	150/12.5	180/15	210/17.5	240/20	300/25	360/30	
Applicable Option Codes											
YDHA & YDMA	1	E20, E30									
		—			E40, E50, E60			—			
		—			E70, E80, E90			—			
2	—			—			E20, E30, E40, E50, E60, E70, E80, E90, E120		—		
	—			—			E30, E40, E50, E60, E70, E80, E90, E120				
YDSA	2	—			E20, E30, E40, E50, E60, E70, E80, E90			—			
	3	—			—			E20, E30, E40, E50, E60, E70, E80, E90, E120		—	

ELECTRICAL COMPONENTS

- **Typical Cabinet Illustration:**

A typical cabinet with its access panels is shown in [Figure 1](#).

- **Cabinet Size 1A:**

High- and low-voltage panels for cabinet size 1A are shown in [Figure 2](#). Refer to [Table 6](#) for item numbers and part descriptions.

- **Cabinet Size 1B:**

High- and low-voltage panels for cabinet size 1B are shown in [Figure 3](#). Refer to [Table 6](#) for item numbers and part descriptions.

- **Cabinet Size 2:**

High- and low-voltage panels for cabinet size 2 are shown in [Figure 4](#). Refer to [Table 6](#) for item numbers and part descriptions.

- **Cabinet Size 3:**

High- and low-voltage panels for cabinet size 3 are shown in [Figure 5](#). Refer to [Table 6](#) for item numbers and part descriptions.

- **Control Panels:**

Electric heat and gas heat section control panels are shown in [Figure 6](#). Refer to [Table 6](#) for item numbers and part descriptions.

- **Individual Electrical Components:**

Individual electrical components are shown in [Figure 7](#), [Figure 8](#), and [Figure 9](#). Refer to [Table 7](#), [Table 8](#), [Table 9](#), [Table 10](#), [Table 11](#), [Table 12](#), [Table 13](#), [Table 14](#), [Table 15](#), and [Table 16](#) for part numbers and specifications.

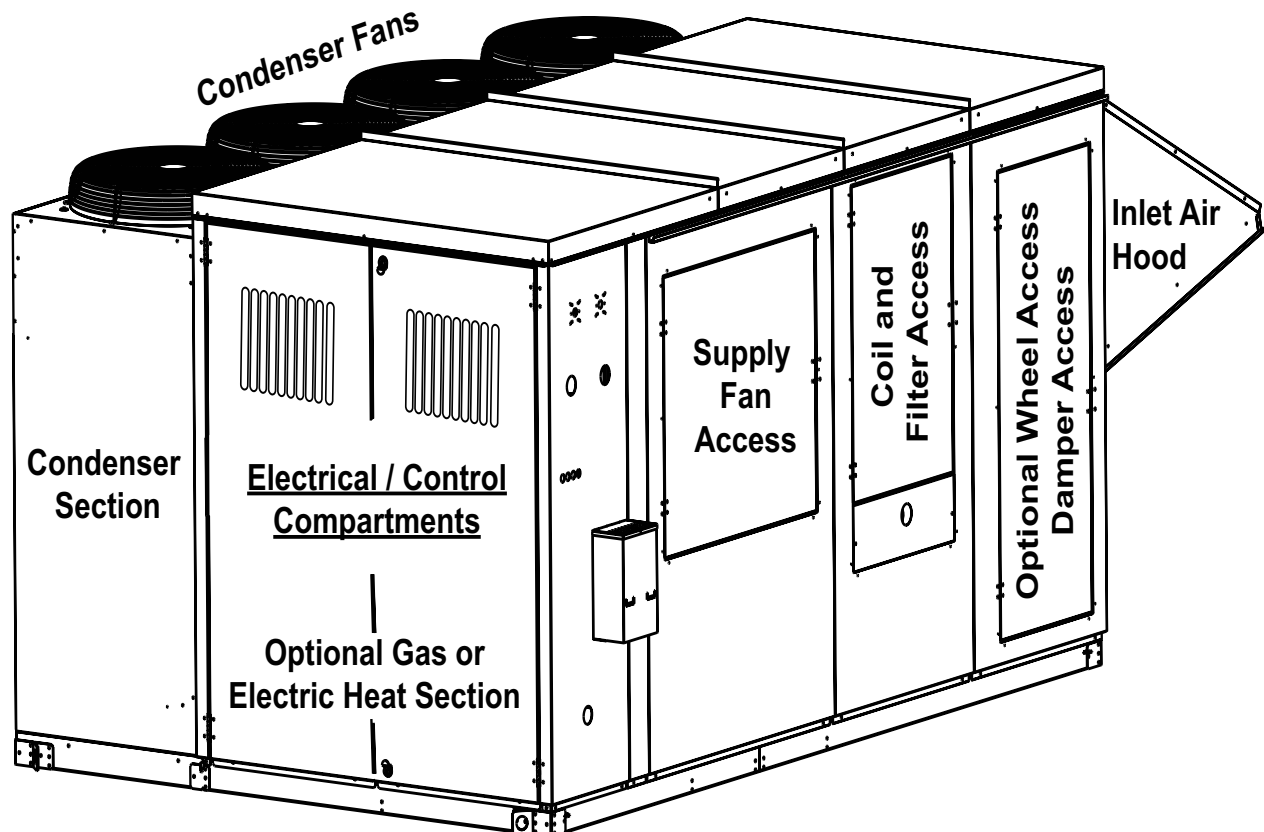
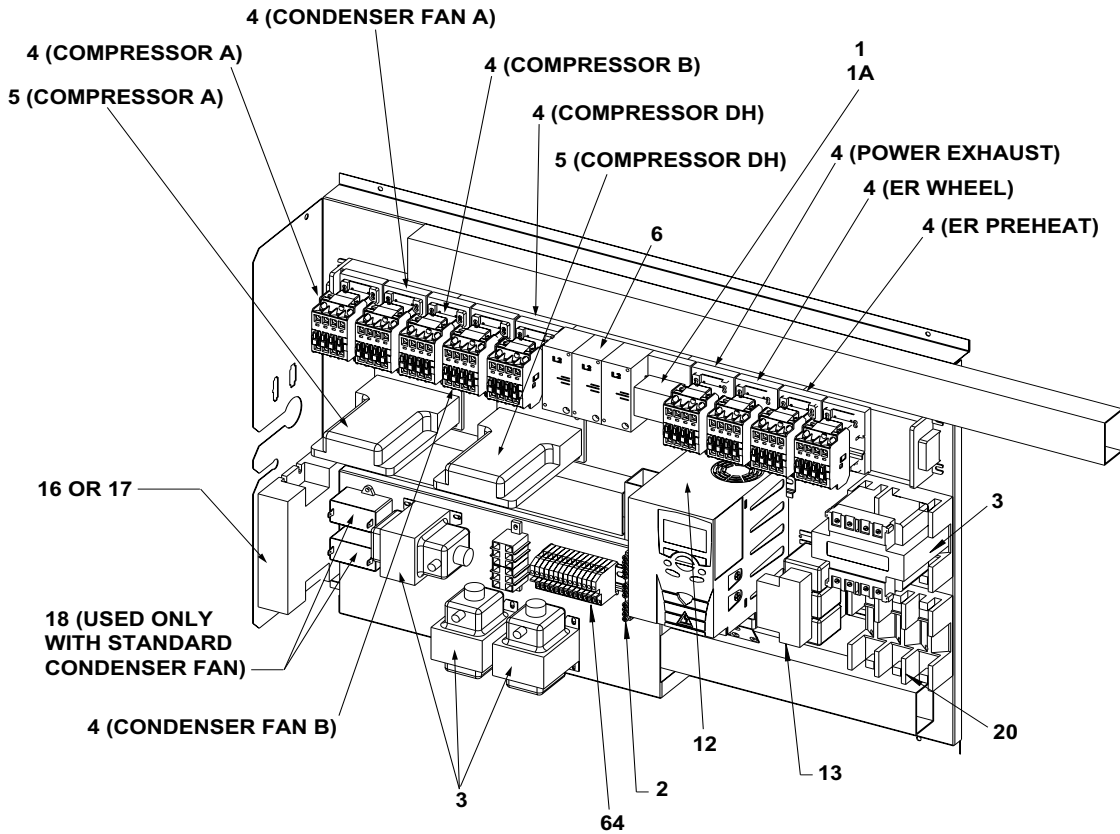


Figure 1. Typical Cabinet

ELECTRICAL COMPONENTS—CONTINUED

Typical High Voltage Panel*



Typical Low Voltage Panel*

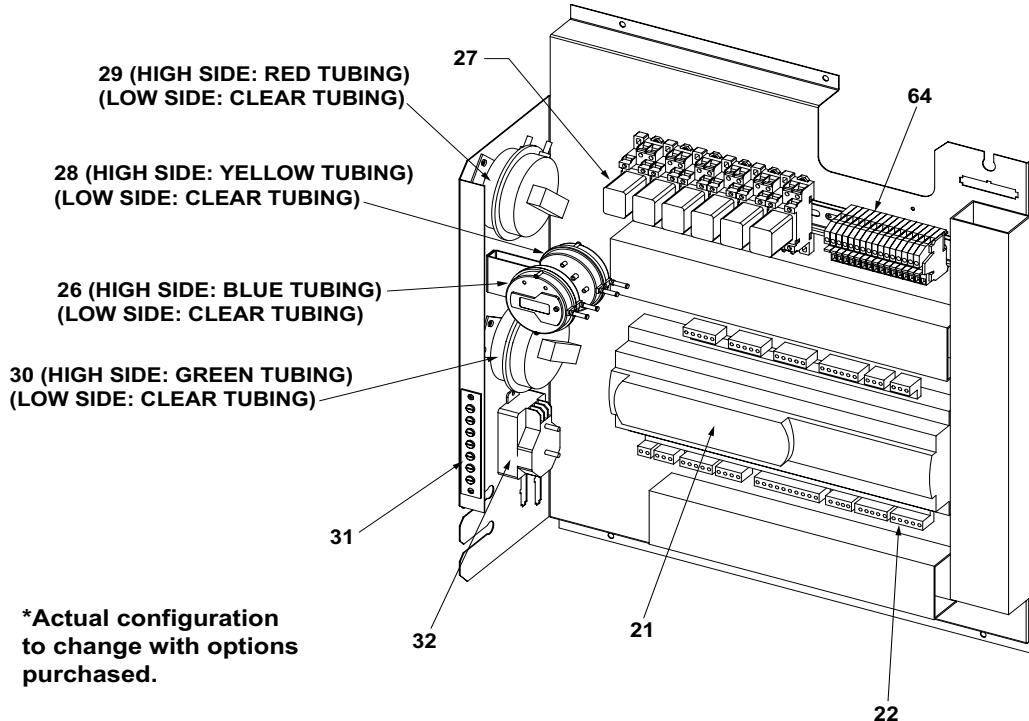
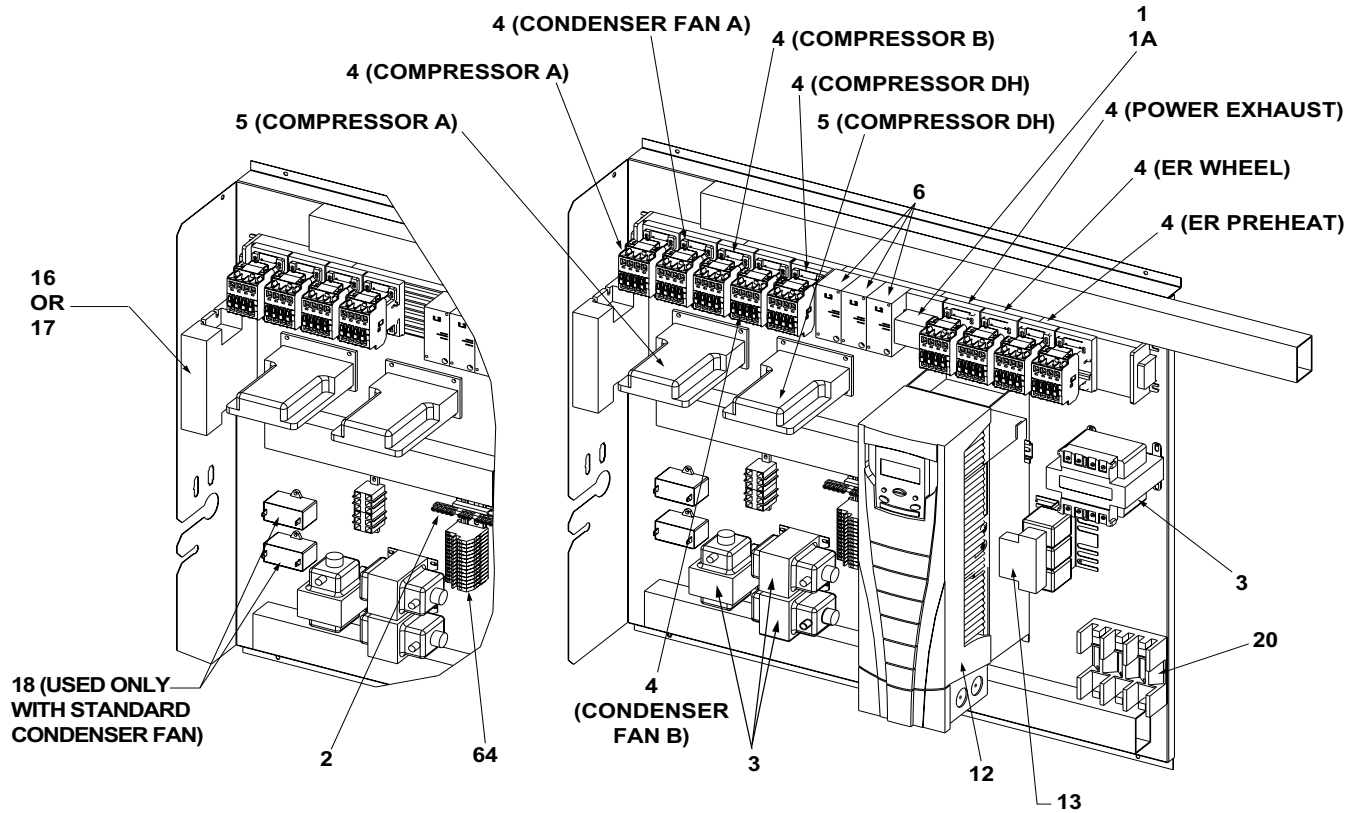


Figure 2. Electrical Panels—Cabinet Size 1A, YDHA Unit Size 060 and YDMA Unit Size 090 (Refer to [Table 6](#))

Typical High Voltage Panel*



Typical Low Voltage Panel*

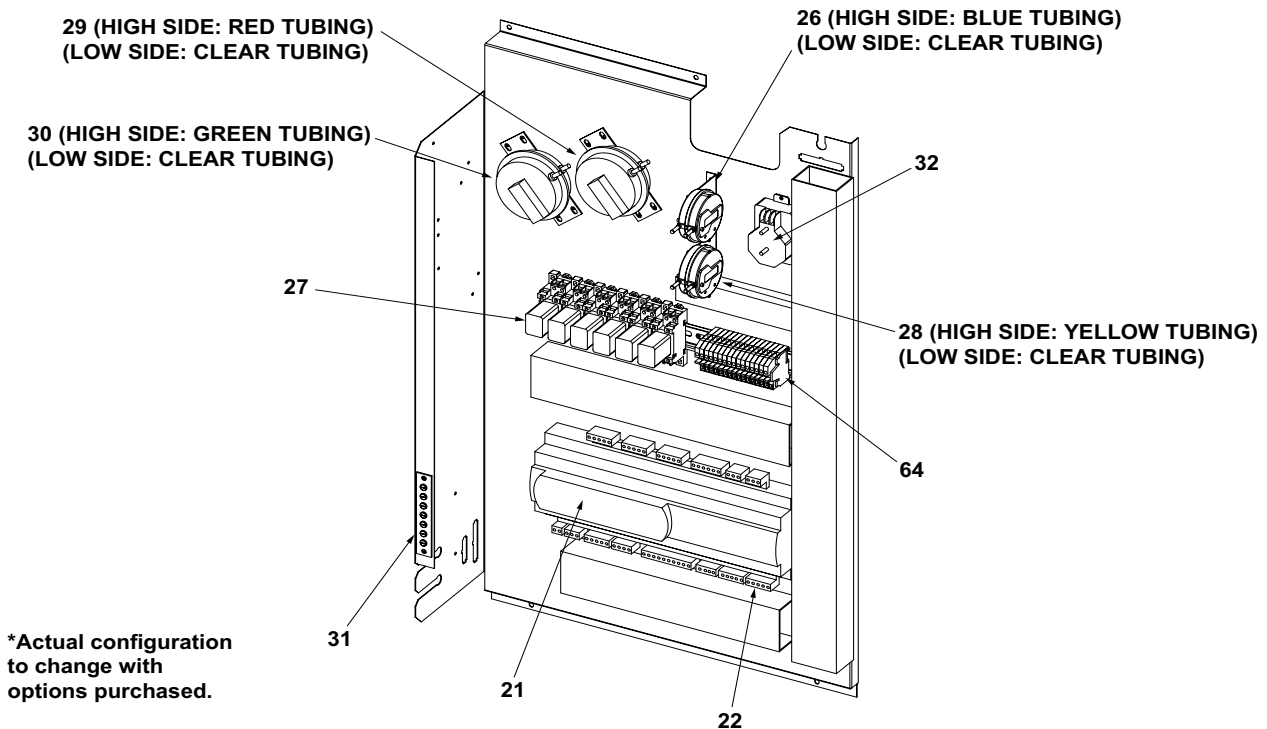
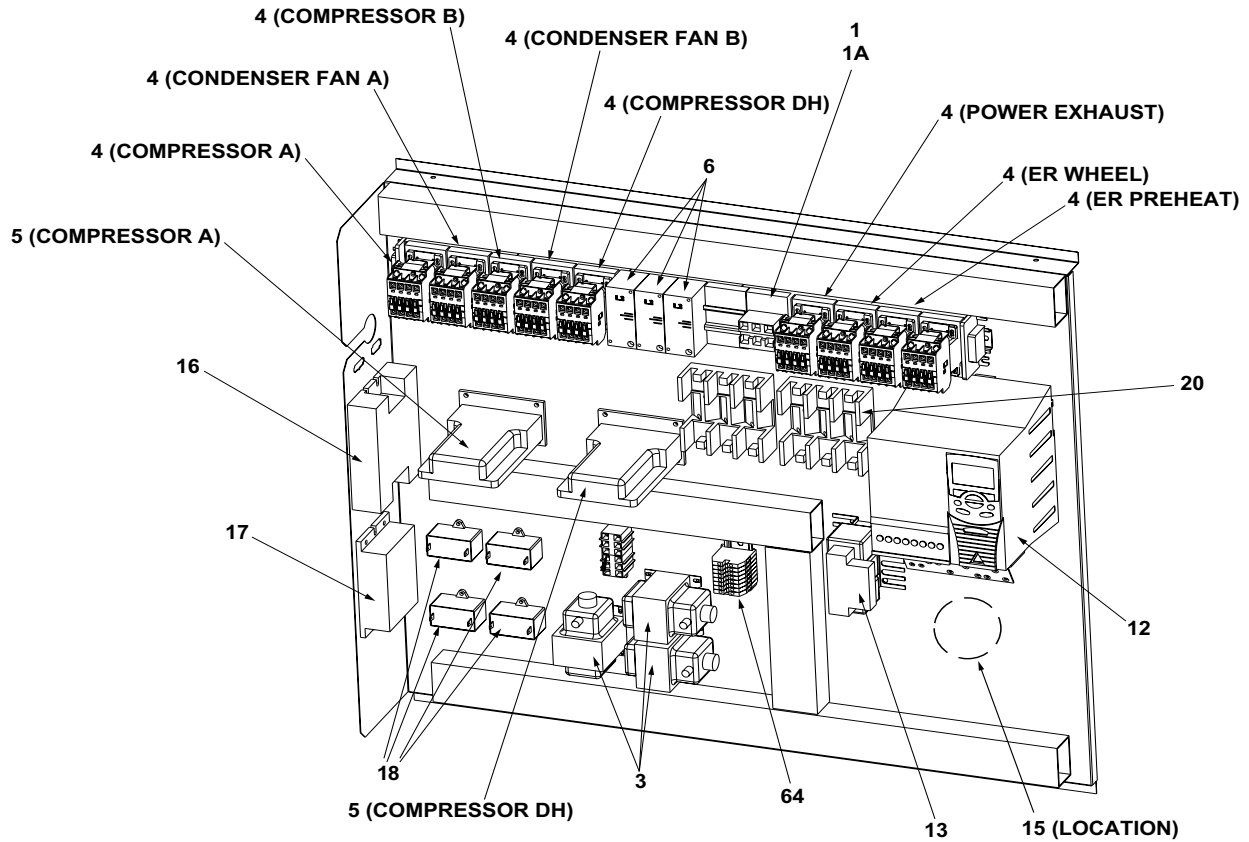


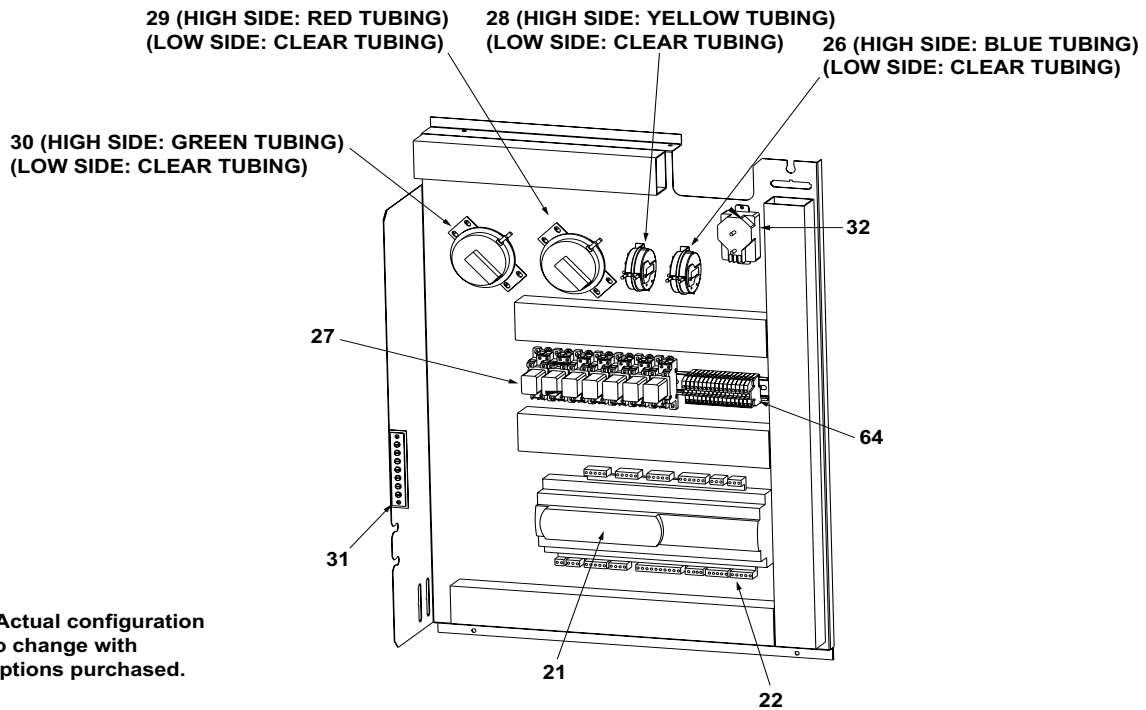
Figure 3. Electrical Panels—Cabinet Size 1B, YDHA Unit Sizes 090, 120, and 150 and YDMA Unit Sizes 120 and 150 (Refer to Table 6)

ELECTRICAL COMPONENTS—CONTINUED

Typical High Voltage Panel*



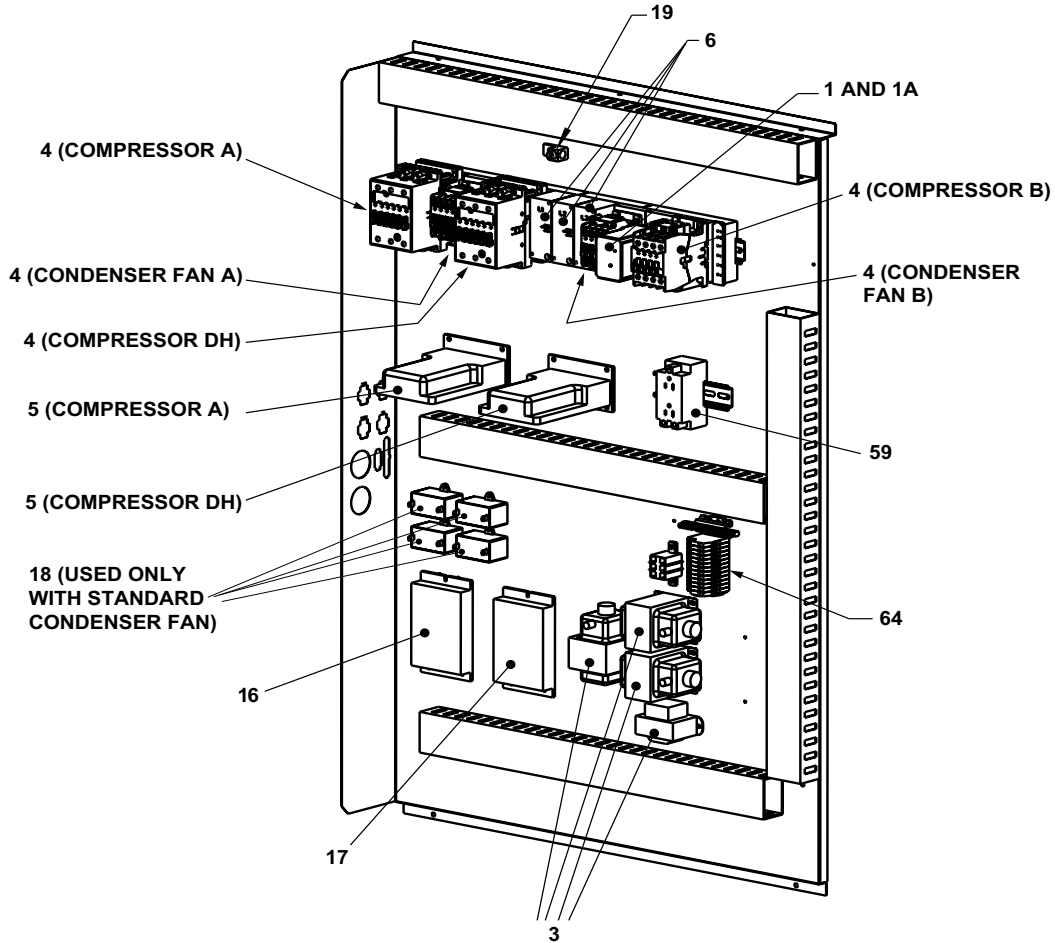
Typical Low Voltage Panel*



*Actual configuration to change with options purchased.

Figure 4. Electrical Panels—Cabinet Size 2, YDHA and YDMA Unit Sizes 180, 210, and 240 and YDSA Unit Sizes 120 and 150 (Refer to Table 6)

Typical High Voltage Panel*



Typical Low Voltage Panel*

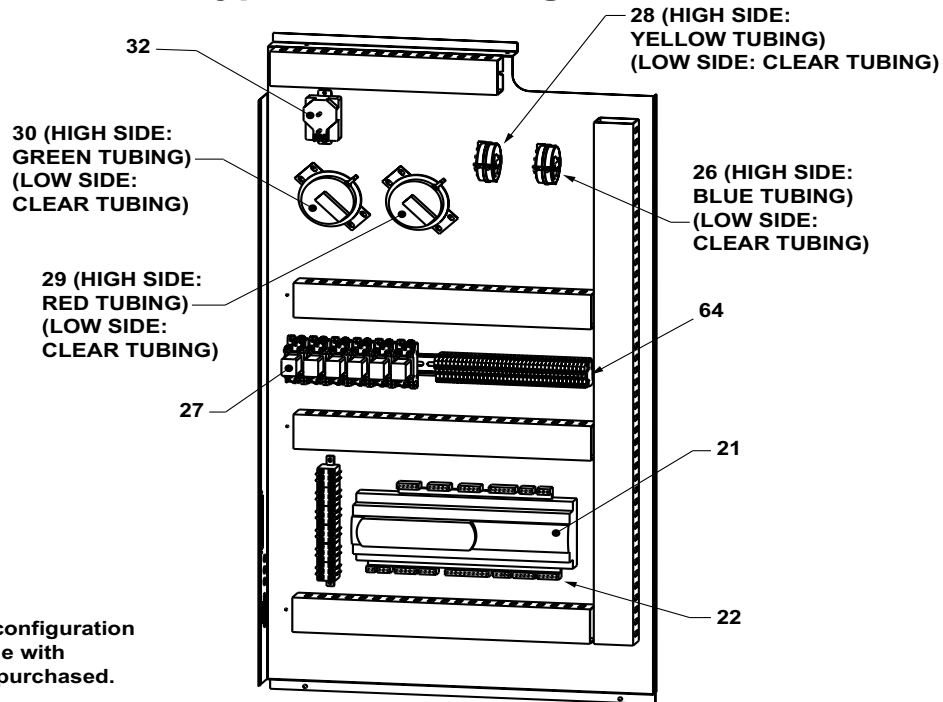
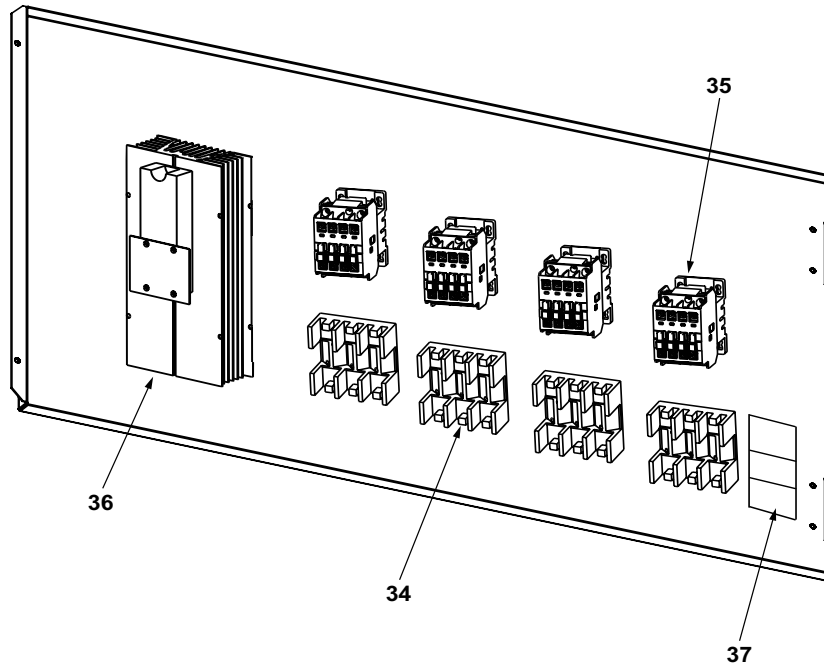


Figure 5. Electrical Panels—Cabinet Size 3, YDHA and YDMA Unit Sizes 300 and 360 and YDSA Unit Sizes 180 and 210 (Refer to Table 6)

ELECTRICAL COMPONENTS—CONTINUED

Typical Electric Heat Control Panel*



Typical Gas Heat Section Control Panel*

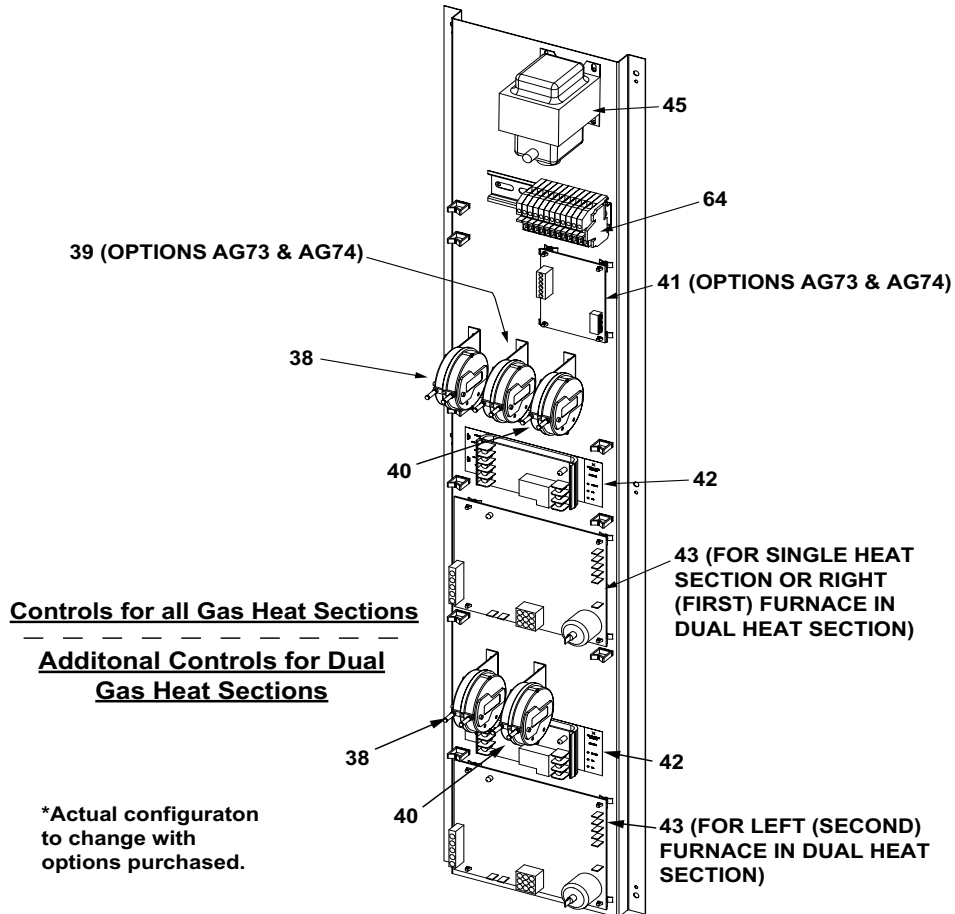


Figure 6. Control Panels—Cabinet Sizes 1, 2, and 3, All Models (Refer to [Table 6](#))

Table 6. Electrical Components

Item No.	Component	Description	PN	Figure Reference
High Voltage Panel Components				
1	Monitor, phase loss/voltage (option PL4)	208/230/460V (AK5/6/7) 575V (AK8)	176826 258881	Figure 2, Figure 3, Figure 4, Figure 5, Figure 7
1A	Socket	For monitor (item 1)	194168	
2	Grounding bar	12 output	273792	
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 7
		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	Contactator	24V coil	Refer to Table 7	
5	Digital controller	For compressor	266067	
6	Power feed terminal	L1, 200A	271834	Figure 5, Figure 7
		L2, 200A	271833	
		L3, 200A	271832	
7	Universal bus adapter	L1/L2/L3, wire top, 63A	1011374	Figure 7
		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 7
11	Busbar end stop kit	Left and right	271828	
12	Variable Frequency Drive (VFD)		Refer to Table 8, Table 9, Table 10	Figure 2, Figure 3, Figure 4, Figure 7 Figure 7
13	Line reactor			
14	Supply fan			
15	Relay	CT	222764	Figure 4, Figure 8
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 8
		Sensor	272461	
17	Low ambient controller	Control, for standard condenser fan (option CUF3)	261041	
		Sensor	261042	
18	Capacitor		207448	
19	Grounding lug		179196	Figure 8
20	Fuse	For wheel preheat (option PH) (option AK3)	207617	Figure 2, Figure 3, Figure 4, Figure 8
		For wheel preheat (option PH) (options AK5 and AK6)	207615	
			207617	
Low Voltage Panel Components				
21	Carel digital controller	For option D19	1011006	Figure 2, Figure 3, Figure 4, Figure 5, Figure 8
		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 8
		For option D21	1006079	
		For option D22	1013642	
		For option D23	1024341	
24	BACnet IP card, programmed	For option D19	1012849	Figure 8
		For option D21	1012850	
		For option D22	1013658	
		For option D23	1024340	

ELECTRICAL COMPONENTS—CONTINUED

Table 6. Electrical Components—Continued

Item No.	Component	Description	PN	Figure Reference
Low Voltage Panel Components—Continued				
25	Bus, communication (includes shipped-loose ferrite core (item 25A) for communication connection)	LON DDC, programmed (option BHB7 with D19)	284991N	Figure 8
		LON DDC, programmed (option BHB7 with D21)	284992	
26	Pressure switch	For supply fan	234712	Figure 2, Figure 3, Figure 4, Figure 5, Figure 8
27	Relay	2-pole, 24V	211411	
		Base	211415	
		3-pole, 24V	211799	
		Base	211800	
28		Exhaust fan	234712	
29	Pressure switch	Dirty filter	105507	
30		Energy recovery filter	105507	
31	Terminal strip		164545	
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	For transducer (item 32)	234821	Figure 8
			1020907	
33	Carel expansion module	Input/output	1020802	
33A	Connector kit	For expansion module (item 33)	1020803	
Electric Heat Section Panel Components				
34	Fuse	30A/250V	207615	Figure 6, Figure 8
		60A/250V	207617	
		45A/600V	207627	
35	Contactactor		Refer to Table 7	
36	SCR controller	208/230/3/60	234057	
		460/575/3/60	220688	
37	Distribution block		223495	
Gas Heat Section Panel Components				
38	Pressure switch	High speed venter, combustion air	Refer to Table 11	Figure 6, Figure 8
39		Low speed venter, combustion air	Refer to Table 12	
40	Blocked condensate switch	For high-efficiency furnace	234712	
41	Speed control	Venter motor (options AK3, AK5, AK6, AK7, and AK8)	Refer to Table 13	
42	Relay rib board		234656	
43	DSI control module		272626	
44	Transformer	40 VA, 115/120V (option AK1)	194808	Figure 9
		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 6
46		75 VA 460/575-24V, Hartland Controls HCT-130J2K02199	258912	Figure 9

Table 6. Electrical Components—Continued

Item No.	Component	Description	PN	Figure Reference
Digital Controller (Item 21) Sensors*				
47	Sensor	Outside air humidity, in outside air inlet	222754	Figure 9
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, for transmitter (item 58)	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	125V	272900	Figure 5, Figure 9
60	Ductstat	Return or discharge	42782	Figure 9
	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 14	
63	Raintight disconnect switch	Option CP	Refer to Table 15	
64	Terminal block	Used in low voltage, high voltage, and gas heat control panels	Refer to Table 16	Figure 2, Figure 3, Figure 4, Figure 5, Figure 6

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

ELECTRICAL COMPONENTS—CONTINUED






<p>Item 1: Phase Loss/Voltage Monitor</p> <p>Item 1A: Monitor Socket</p> 	<p>Item 2: Grounding Bar</p> 	<p>Item 3: Transformer</p> 
<p>Item 4: Contactor</p> 	<p>Item 5: Digital Controller</p> 	
<p>Item 6: Power Feed Terminal</p>		
 <p>L1</p>	 <p>L2</p>	 <p>L3</p>
<p>Item 7: Universal Bus Adapter</p>		
 <p>PN 1011374</p>	 <p>PN 1011375</p>	 <p>PN 1011376</p>
<p>Item 8: Module Socket</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>6-Module</p> </div> <div style="text-align: center;">  <p>8-Module</p> </div> </div>	<p>Item 10: Busbar</p> 	<p>Item 11: Busbar End Stop Kit</p> <div style="display: flex; flex-direction: column; align-items: center;"> <div style="text-align: center;">  <p>Left</p> </div> <div style="text-align: center;">  <p>Right</p> </div> </div>
<p>Item 12: VFD</p> <div style="display: flex; justify-content: space-around;"> <div style="text-align: center;">  <p>Model ACS550</p> </div> <div style="text-align: center;">  <p>Model ACS355</p> </div> </div>	<p>Item 13: Line Reactor</p> 	<p>Item 14: Supply Fan</p> 

Figure 7. Individual Electrical Components—Items 1 Through 14 (Refer to [Table 6](#))




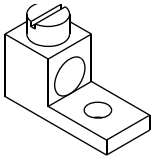




















<p>Item 16: Low Ambient Controller (control shown)</p> 	<p>Item 17: Low Ambient Controller (sensor shown)</p> 	<p>Item 18: Capacitor</p> 	<p>Item 19: Grounding Lug</p> 
<p>Item 20: Fuse (also item 32)</p> 	<p>Item 21: Carel Digital Controller</p> 		<p>Item 22: Carel Plugs</p> 
<p>Item 23: BACnet Card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

Figure 8. Individual Electrical Components—Items 16 Through 41 (Refer to Table 6)

ELECTRICAL COMPONENTS—CONTINUED























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

Figure 9. Individual Electrical Components—Items 42 Through 63 (Refer to [Table 6](#))

Table 7. 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 8. Option A10 Components								
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)				
			AK6 (230/3/60)	ACS550-U1-012A-4 (284560)				
			AK7 (460/3/60)	ACS550-U1-09A0-6 (221858)				
			AK8 (575/3/60)	ACS550-U1-012A-4 (284560)				
			AK12 (400/3/50)	ACS550-U1-012A-4 (284560)				
14	Supply fan	YDSA	AK5 (208/3/60)	ER50C-4DM.G7.1R (235687)				
			AK6 (230/3/60)	ER50C-4DM.G7.1R (235688)				
			AK7 (460/3/60)	ER50C-4DM.G7.1R (235687)				
			AK8 (575/3/60)	ER50C-4DM.G7.1R (235688)				
			AK12 (400/3/50)	ER50C-4DM.G7.1R (235687)				
Item No.	Component	Model	AK Option (V/PH/Hz)	Unit Size				
				210	240	300	360	
				Model No. (PN)				
12	VFD	YDHA & YDMA	AK5 (208/3/60)	ACS550-U1-024A-2 (221621)				
			AK6 (230/3/60)	ACS550-U1-012A-4 (284560)				
			AK7 (460/3/60)*	ACS355-03U-12A5-4+J404 (221619)	ACS550-U1-012A-4 (284560)			
			AK8 (575/3/60)	ACS550-U1-09A0-6 (221858)				
			AK12 (400/3/50)*	ACS355-03U-12A5-4+J404 (221619)	ACS550-U1-012A-4 (284560)			
14	Supply fan	YDHA & YDMA	AK5 (208/3/60)	ER50C-4DM.G7.1R (235687)				
			AK6 (230/3/60)	ER50C-4DM.G7.1R (235688)				
			AK7 (460/3/60)*	ER50C-4DM.G7.1R (235687)				
			AK8 (575/3/60)	ER50C-4DM.G7.1R (235688)				
			AK12 (400/3/50)*	ER50C-4DM.G7.1R (235687)				

*Unit sizes 210 and 240 include line reactor, item number 8, model KDRA4L (PN 221588).

Table 9. Option A10E Components								
Item No.	Component	Model	AK Option (V/PH/Hz)	Unit Size				
				060	090, 120, 150, & 180			
				Model No. (PN)*				
4	Contactor	YDHA	AK5 (208/3/60)	AF12-30-10-41 (271999)				
			AK6 (230/3/60)	AF09-30-10-41 (271836)				
			AK7 (460/3/60)	AF09-30-10-41 (271836)				
			AK12 (400/3/50)	AF09-30-10-41 (271836)				
			AK5 (208/3/60)	ER31C-ZID.DC.1R (235653)				
14	Supply fan	YDHA	AK6 (230/3/60)	ER45C-ZID.GG.1R (235655)				
			AK7 (460/3/60)	ER45C-ZID.GG.1R (235658)				
			AK12 (400/3/50)	ER45C-ZID.GG.1R (235658)				
			AK5 (208/3/60)	ER31C-ZID.DC.1R (235656)				

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

ELECTRICAL COMPONENTS—CONTINUED

Table 9. Option A10E Components—Continued					
Item No.	Component	Model	AK Option (V/PH/Hz)	Unit Size	
				060 & 090	120, 150, & 180
				Model No. (PN)*	
4	Contactor	YDMA	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	YDMA	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.

Table 10. Option A11 Components							
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)			
			AK6 (230/3/60)	ACS355-03U-15A6-4+J404 (221620)		ACS550-U1-015A-4 (284561)	
			AK7 (460/3/60)	ACS550-U1-011A-6 (221859)			
			AK8 (575/3/60)	ACS355-03U-15A6-4+J404 (221620)		ACS550-U1-015A-4 (284561)	
			AK12 (400/3/50)				
13	Line reactor	YDSA	AK5 (208/3/60)	KDRD25L (273362)		—	
			AK6 (230/3/60)	KDRA5L (221589)			
			AK7 (460/3/60)	—			
			AK8 (575/3/60)	KDRD25L (273362)			
14	Supply fan	YDSA	AK5 (208/3/60)	ER50C-4DM.H7.1R (268506)			
			AK6 (230/3/60)				
			AK7 (460/3/60)	ER50C-4DM.H7.1R (272434)			
			AK8 (575/3/60)	ER50C-4DM.H7.1R (268506)			
			AK12 (400/3/50)				
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)	
			AK6 (230/3/60)	ACS355-03U-05A6-4+J404 (221617)		ACS355-03U-08A8-4+J404 (221618)	
			AK7 (460/3/60)	ACS355-U1-03A9-6 (221856)		ACS550-U1-06A1-6 (221857)	
			AK8 (575/3/60)	ACS355-03U-05A6-4+J404 (221617)		ACS355-03U-08A8-4+J404 (221618)	
13	Line reactor	YDHA	AK12 (400/3/50)	KDRB22L (221599)		—	
			AK3 (230/1/60)	KDRA28L (221597)		KDRB22L (221599)	
			AK5 (208/3/60)	KDRA2L (221586)		KDRA3L (221587)	
			AK6 (230/3/60)	—			
			AK7 (460/3/60)	KDRA2L (221586)		KDRA3L (221587)	
14	Supply fan	YDHA	AK8 (575/3/60)	ER28C-2DM.D7.1R (272639)		—	
			AK12 (400/3/50)	ER28C-2DM.D7.1R (272430)		ER45C-4DM.F7.1R (268505)	
			AK3 (230/1/60)	ER28C-2DM.D7.1R (268504)			
			AK5 (208/3/60)	ER28C-2DM.D7.1R (272432)		ER45C-4DM.F7.1R (272433)	
			AK6 (230/3/60)	ER28C-2DM.D7.1R (268504)		ER45C-4DM.F7.1R (268505)	

Table 10. Option A11 Components—Continued

Item No.	Component	Model	AK Option (V/PH/Hz)	Unit Size			
				180	210 & 240	300	360
				Model No. (PN)			
12	VFD		AK5 (208/3/60)	ACS355-03U-31A0-2+J404 (268522)			
			AK6 (230/3/60)				
			AK7 (460/3/60)	ACS355-03U-15A6-4+J404 (221620)	CS550-U1-015A-4 (284561)		
			AK8 (575/3/60)	ACS550-U1-011A-6 (221859)			
			AK12 (400/3/50)	ACS355-03U-15A6-4+J404 (221620)	CS550-U1-015A-4 (284561)		
13	Line reactor	YDHA	AK5 (208/3/60)	KDRD25L (273362)			—
			AK6 (230/3/60)				
			AK7 (460/3/60)	KDRA5L (221589)			
			AK8 (575/3/60)	—			
			AK12 (400/3/50)	KDRA5L (221589)			
14	Supply fan		AK5 (208/3/60)	ER50C-4DM.H7.1R (268506)			
			AK6 (230/3/60)				
			AK7 (460/3/60)				
			AK8 (575/3/60)	ER50C-4DM.H7.1R (272434)			
			AK12 (400/3/50)	ER50C-4DM.H7.1R (268506)			
Item No.	Component	Model	AK Option (V/PH/Hz)	Unit Size			
				060	090	120	150 & 180
				Model No. (PN)			
12	VFD		AK5 (208/3/60)	ACS355-03U-09AB-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	YDMA	AK5 (208/3/60)	KDRA28L (221597)		KDRB22L (221599)	
			AK6 (230/3/60)				
			AK7 (460/3/60)	KDRA2L (221586)		KDRA3L (221587)	
			AK8 (575/3/60)	—			
			AK12 (400/3/50)	KDRA2L (221586)		KDRA3L (221587)	
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		AK5 (208/3/60)	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)			
			AK12 (400/3/50)	ACS355-03U-15A6-4+J404 (221620)	ACS550-U1-15A-4 (284561)		
13	Line reactor	TDMA	AK5 (208/3/60)	KDRD25L (273362)			—
			AK6 (230/3/60)				
			AK7 (460/3/60)	KDRA5L (221589)			
			AK8 (575/3/60)	—			
			AK12 (400/3/50)	KDRA5L (221589)			
14	Supply fan		AK5 (208/3/60)	ER50C-4DM.H7.1R (268506)			
			AK6 (230/3/60)				
			AK7 (460/3/60)				
			AK8 (575/3/60)	ER50C-4DM.H7.1R (272434)			
			AK12 (400/3/50)	ER50C-4DM.H7.1R (268506)			

ELECTRICAL COMPONENTS—CONTINUED

Table 11. High Venter Combustion Air Pressure Switches

Heat Section Option	Heat Size (BTU/h)	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
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
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
H125**	50,000	3.10	2.00	1.50	Yellow	273360	—		
	75,000	3.30	1.60	1.40	Red	201159			
H150**	75,000	3.30	1.60	1.40	Red	201159	1.35	Green	273554
H175**	75,000	3.30	1.60	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
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 12. Low Venter Combustion Air Pressure Switches

Heat Section Option	Heat Size(s) (Btu/h)	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
H50	50,000	3.50	1.30	0.75	Yellow	205443	74	82
H75	75,000	3.30	1.30	1.00	Brown	201160	74	82
H100	100,000	3.40	1.20	1.00	Brown	201160	74	82
H102**	50,000	3.50	1.30	0.75	Yellow	205443	74	82
H125**	50,000	—						
	75,000	3.30	1.30	1.00	Brown	201160	74	82
H150**	75,000	3.30	1.30	1.00	Brown	201160	74	82
H175**	75,000	—						
	100,000	3.40	1.20	1.00	Brown	201160	74	82

*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, H175 (75,000 BTU/h), H502 (200,000 BTU/h), H702 (300,000 BTU/h), G372 (150,000 BTU/h), G525 (225,000 BTU/h).

Table 12. Low Venter Combustion Air Pressure Switches—Continued

Heat Section Option	Heat Size(s) (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
H200	200,000	3.80	0.90	0.75	Yellow	205443	42	54
H202**	100,000	3.40	1.20	1.00	Brown	201160	74	82
H250	250,000	3.50	0.90	0.75	Yellow	205443	50	54
H300	300,000	3.90	0.90	0.75	Yellow	205443	48	56
H400	400,000	3.80	1.00	0.80	Gray	197078	58	64
H402**	200,000	3.80	0.90	0.75	Yellow	205443	42	54
H502	200,000	—						
	300,000	3.90	0.90	0.75	Yellow	205443	48	56
H602**	300,000	3.90	0.90	0.75	Yellow	205443	42	56
H702	300,000	—						
	400,000	3.80	1.00	0.80	Gray	197078	58	64
H802**	400,000	3.80	1.00	0.80	Gray	197078	58	64
G150	150,000	2.70	1.70	0.10	White	234712	61	74
G225	225,000	2.90	1.30	0.10	White	234712	61	74
G300	300,000	2.70	0.90	0.10	White	234712	61	74
G302**	150,000	2.70	1.70	0.10	White	234712	61	74
G372	150,000	—						
	225,000	2.90	1.30	0.10	White	234712	61	74
G452**	225,000	2.90	1.30	0.10	White	234712	61	74
G525	225,000	—						
	300,000	2.70	0.90	0.10	White	234712	61	74
G602**	300,000	2.70	0.90	0.10	White	234712	61	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 13. Venter Motor Speed Controls

AK Option (V/PH/Hz)	Heat Section Option	PN	% of Full Speed	DIP Switch Settings							
				1	2	3	4	5	6	7	8
AK3 (230/1/60)	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
AK6 (230/3/60)	H250	1011168	50	OFF	ON	OFF	OFF	ON	OFF	ON	ON
AK7 (460/3/60)	H300, H502, H602	235287	48	OFF	OFF	OFF	OFF	ON	OFF	ON	ON
AK8 (575/3/60)	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

Cabinet Size	Model	Unit Size	Voltage	Option	Amp	PN
1, 2, 3	YDHA, YDMA	060, 090, 120, 150, 180, 210, 240, 300, or 360	208, 230, 460, or 575	BA6A	60	205906
				BA6B	80	205907
				BA6C	100	205908
				BA6D	125	207678
	YDSA	120, 150, 180, or 210		BA6E	200	207679
				BA6F	250	222422

Installation Location	Voltage (Maximum)	Description	Same as	PN
US	240	60 amp, 240 volt, fusible	CP 17	89932
		100 amp, 240 volt, fusible	CP 18	90973
		200 amp, 240 volt, fusible	CP 19	91076
		400 amp, 240 volt, fusible	CP 72	223658
	600	60 amp, 600 volt, fusible	CP 20	90974
		100 amp, 600 volt, fusible	CP 36	155010
		200 amp, 600 volt, fusible	CP 37	155011
		400 amp, 600 volt, fusible	CP 76	223659
Canada	600	60 amp, 600 volt, fusible	CP 44	208048
		100 amp, 600 volt, fusible	CP 46	208174
		200 amp, 600 volt, fusible	CP 48	208176
		400 amp, 600 volt, fusible	CP 80	223661

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

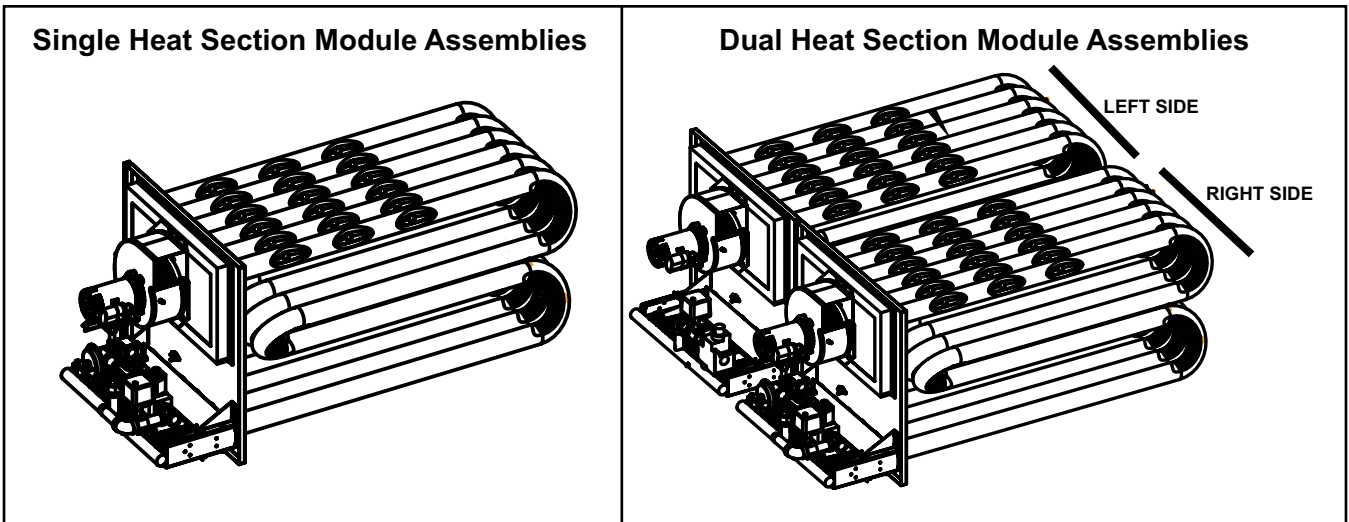


Figure 10. Heat Section Module Assemblies (Refer to [Table 17](#))

Table 17. Heat Section Module Assemblies

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

HEAT SECTION MODULES—CONTINUED

Table 17. Heat Section Module Assemblies—Continued					
Cabinet Size	Type of Efficiency	Heat Section Option	Single Heat	Dual Heat	
				Left Side	Right Side
			PN		
3	Standard	H150	—	272356	272356
		H175	—	272356	272357
		H200	272358	—	
		H202	—	272357	272357
		H250	1011167	—	
		H300	272359		
		H400	272360		
		H402	—	272358	272358
		H502		272358	272359
		H602		272359	272359
		H702		272359	272360
		H802		272360	272360
	G150	273379		—	
	G225	273380			
	G300	273381			
	High efficiency	G302	—	273379	273379
		G372		273379	237780
		G452		273380	273380
		G525		273380	273381
G602		273381		273381	

GAS HEAT COMPONENTS

- **Option AG71:**
Components included with option AG71 are shown in [Figure 11](#). Refer to [Table 18](#) for item numbers and part descriptions.

- **Option AG72:**
Components included with option AG72 are shown in [Figure 12](#). Refer to [Table 19](#) for item numbers and part descriptions.

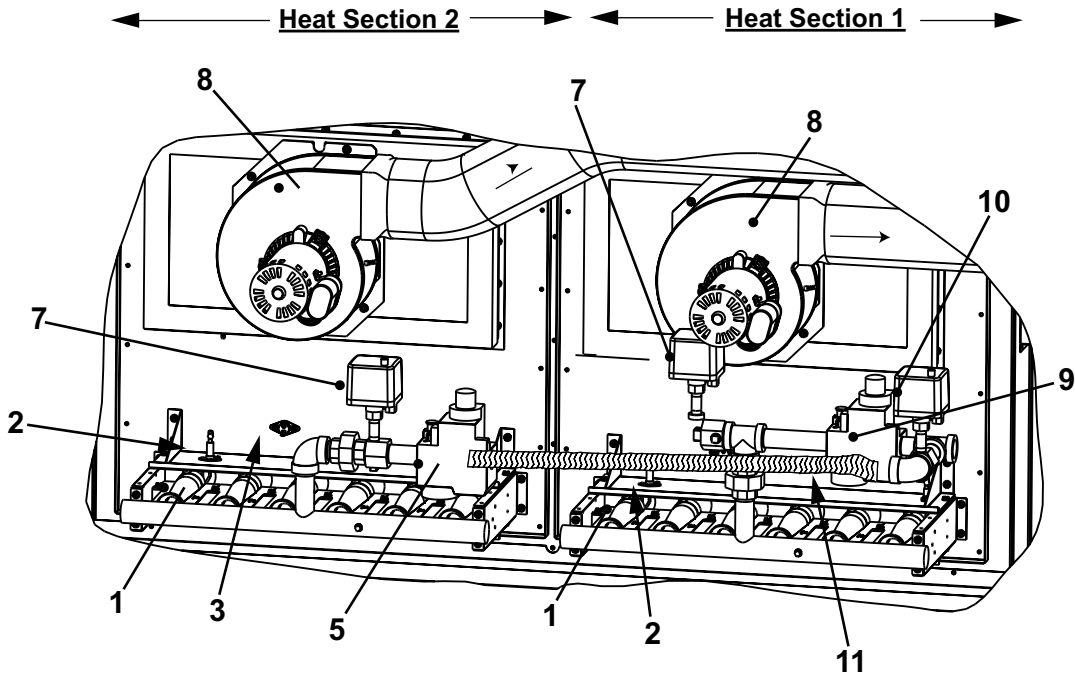
- **Option AG73:**
Components included with option AG73 are shown in [Figure 11](#). Refer to [Table 18](#) for item numbers and part descriptions.

- **Option AG74:**
Components included with option AG74 are shown in [Figure 12](#). Refer to [Table 19](#) for item numbers and part descriptions.

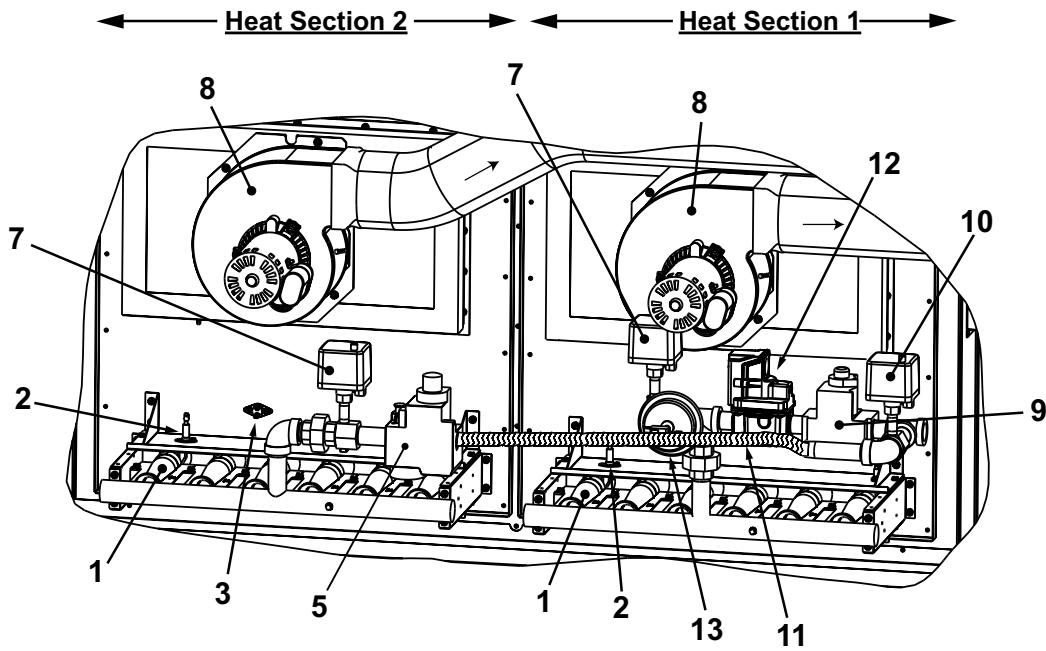
- **Individual Gas Heat Components:**
Individual electrical components are shown in [Figure 13](#).

NOTE: Heat sections illustrated are standard efficiency, non-condensing furnaces. Controls for condensing furnaces are the same except for venter assemblies.

GAS HEAT COMPONENTS—CONTINUED



Option AG72
Four-Stage 25/50/75/100 Control
Dual Heat Section Manifold Assembly



Option AG74
Dual Heat Section with 10:1 Modulation
Manifold Assembly

Figure 12. Gas Heat Components—Dual Heat Section (Refer to [Table 19](#))

NOTE: 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.

Table 18. Gas Heat Components (Single Heat Section)

Option AG71 (See Figure 11)										
Item No.	Component	Heat Section Option								
		Standard Efficiency						High Efficiency		
		H50	H75	H100	H200	H250	H300	H400	G150	G225
PN										
1	Heat exchanger assembly	Refer to Table 17								
2	Spark ignitor*	272742								
3	Limit control*	272740	272741		272740		272741	272740		
4	Flame sensor*	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								
7	High gas pressure switch, option BP4*	204297								
8	Venter assembly	Refer to Table 33								
Option AG73 (See Figure 11)										
Item No.	Component	Heat Section Option								
		Standard Efficiency						High Efficiency		
		H50	H75	H100	H200	H250	H300	H400	G150	G225
PN										
1	Heat exchanger assembly	Refer to Table 17								
2	Spark ignitor (typical all AA options)*	272742								
3	Limit control*	272740	272741		272740		272741	272740		
4	Flame sensor (typical all AA options)*	272743								
5	Gas valve, option AA1 (natural gas)*	260604			150839			260604	150539	
	Gas valve, option AA2 (propane)*	—		260606	150840			—		
6	Low gas pressure switch, option BP4*	204375								
7	High gas pressure switch, option BP4*	204297								
8	Venter assembly	Refer to Table 33								
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								
	Gas pressure switch, option AA2 (propane)*	211710								

*Shown in [Figure 13](#).

GAS HEAT COMPONENTS—CONTINUED

Table 19. Gas Heat Components (Dual Heat Section)											
Option AG72 (See Figure 12)											
Item No.	Component	Heat Section Option—Standard Efficiency									
		H102	H125	H150	H175	H202	H402	H502	H602	H702	H802
PN											
1	Heat exchanger assembly	Refer to Table 17									
2	Spark ignitor*	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						177397			
	Gas valve, option AA2 (propane)*	—				177395		177398			
6	Flame sensor (typical all AA options)*	272743									
7	High gas pressure switch, option BP4*	204297									
8	Venter assembly	Refer to Table 33									
9	Gas valve, option AA1 (natural gas)*	177396					177395		177397		
	Gas valve, option AA2 (propane)*	—				177395		177398			
10	Low gas pressure switch, option BP4*	204375									
11	Flexible gas connection*	273794						120875			
Item No.	Component	Heat Section Option—High Efficiency									
		G302	G372		G452		G525		G602		
PN											
1	Heat exchanger assembly	Refer to Table 17									
2	Spark ignitor*	272742									
3	Limit control*	272740									
4	Limit control*	272740									
5	Gas valve, option AA1 (natural gas)*	177396				177397					
	Gas valve, option AA2 (propane)*	—									
6	Flame sensor (typical all AA options)*	272743									
7	High gas pressure switch, option BP4*	204297									
8	Venter assembly	Refer to Table 33									
9	Gas valve, option AA1 (natural gas)*	177396	177397								
	Gas valve, option AA2 (propane)*	—									
10	Low gas pressure switch, option BP4*	204375									
11	Flexible gas connection*	273794				120875					
Option AG74 (See Figure 12)											
Item No.	Component	Heat Section Option—Standard Efficiency									
		H102	H125	H150	H175	H202	H402	H502	H602	H702	H802
PN											
1	Heat exchanger assembly	Refer to Table 17									
2	Spark ignitor (typical all AA options)*	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						177397			
	Gas valve, option AA2 (propane)*	—				177395		177398			
6	Flame sensor (typical all AA options)*	272743									
7	High gas pressure switch, option BP4*	204297									
8	Venter assembly	Refer to Table 33									
9	Gas valve, option AA1 (natural gas)*	—				260604		150839			
	Gas valve, option AA2 (propane)*	—				260606		150840			
10	Low gas pressure switch, option BP4*	204375									
11	Flexible gas connection*	273794						120875			
12	Modulating valve, option AA1 (natural gas)*	273587				271840		273588			
	Modulating valve, option AA2 (propane)*	—				271840		273588			
13	Gas pressure switch, option AA1 (natural gas)*	211130									
	Gas pressure switch, option AA2 (propane)*	211710									

*Shown in [Figure 13](#).

Table 19. Gas Heat Components (Dual Heat Section)—Continued

Option AG74—Continued (See Figure 12)						
Item No.	Component	Heat Section Option—High Efficiency				
		G150	G302	G372 & G452	G525	G602
		PN				
1	Heat exchanger assembly	Refer to Table 17				
2	Spark ignitor (typical all AA options)*	272742				
3	Limit control (typical all AA options)*	—	272740			
4	Limit control (typical all AA options)*	—	272740			
5	Gas valve, option AA1 (natural gas)*	—	177396	177397		
	Gas valve, option AA2 (propane)*	—				
6	Flame sensor (typical all AA options)*	272743				
7	High gas pressure switch, option BP4*	204297				
8	Venter assembly	Refer to Table 33				
9	Gas valve, option AA1 (natural gas)*	150839	260604	150839		
	Gas valve, option AA2 (propane)*	150840	—			
10	Low gas pressure switch, option BP4*	204375				
11	Flexible gas connection*	—	273794		120875	
12	Modulating valve, option AA1 (natural gas)*	—	271840	273588		
	Modulating valve, option AA2 (propane)*	—				
13	Gas pressure switch, option AA1 (natural gas)*	211130				
	Gas pressure switch, option AA2 (propane)*	211710				

*Shown in [Figure 13](#).

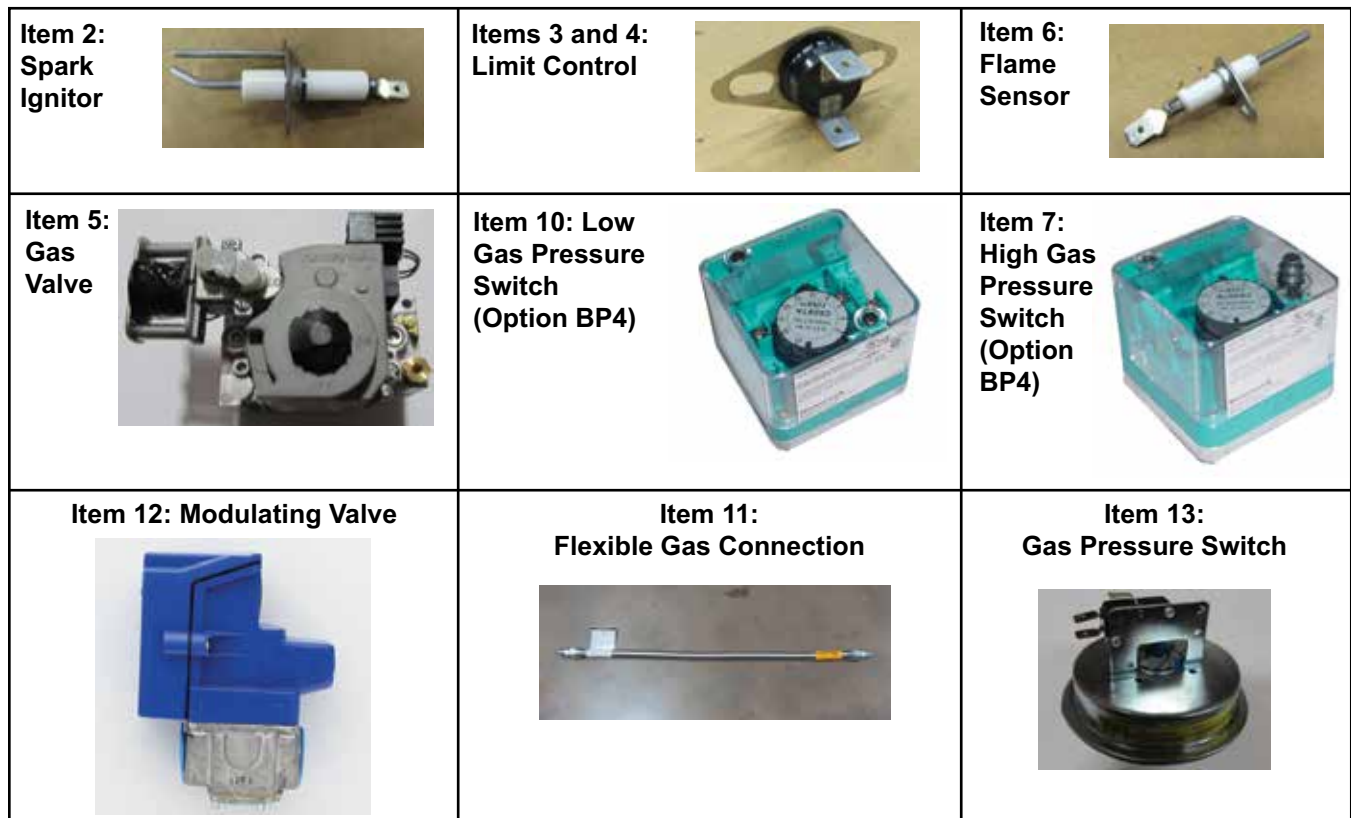


Figure 13. Individual Gas Heat Components

ELEVATION ADJUSTMENT OPTIONS FOR GAS ORIFICE REPLACEMENT

When gas orifice (see [Figure 14](#)) replacement is required on US installations, refer to [Table 20](#) and [Table 21](#) to select the appropriate elevation adjustment (AB) option.

NOTE: For Canadian installations below 2000 feet (600 meters), select option AB1. For Canadian installations above 2000 feet (600 meters), select option AB4.

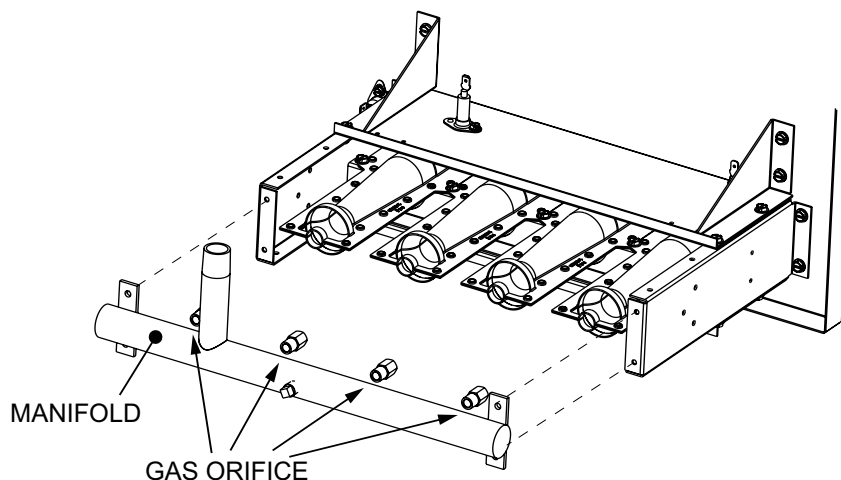


Figure 14. Gas Orifices

Heat 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	273355	48	273356	49	273356	49	273356	49	3
H75	273356	49	273357	50	273357	50	273357	50	5
H100	273355	48	273356	49	273356	49	273356	49	6
H102 (left and right unit)	273355	48	273356	49	273356	49	273356	49	3
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 (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	273353	46	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

Table 20. Elevation Adjustment (AB) Options for Natural Gas (AA1) Units—Continued

Heat 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	273357	50	273357	50	273357	50	273358	51	3
H75	273358	51	273358	51	273358	51	273359	52	5
H100	273357	50	273357	50	273357	50	273358	51	6
H102 (left and right unit)	273357	50	273357	50	273357	50	273358	51	3
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 (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
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

Table 21. Elevation Adjustment (AB) Options for Propane (AA2) Units

Heat Option	AB1 (0–2000 Feet)		AB2 (2001–3000 Feet)		AB3 (3001–4000 Feet)		AB6 (6001–7000 Feet)		AB8 (8001–9000 Feet)		Quantity
					AB4 (4001–5000 Feet)						
	PN		Marking		AB5 (5001–6000 Feet)		AB7 (7001–8000 Feet)				
					PN	Marking	PN	Marking	PN	Marking	
H200	273352	46	273353	47	273354	47	273355	48	273356	49	4
H250	273352	46	273353	47	273354	47	273355	48	273356	49	5
H300	273352	46	273353	47	273354	47	273355	48	273356	49	6
H400	273352	46	273353	47	273354	47	273355	48	273356	49	8
H402 (left and right unit)	273352	46	273353	47	273354	47	273355	48	273356	49	4
H502 (left unit)	273352	46	273353	47	273354	47	273355	48	273356	49	4
H502 (right unit)	273352	46	273353	47	273354	47	273355	48	273356	49	6
H602 (left and right unit)	273352	46	273353	47	273354	47	273355	48	273356	49	6
H702 (left unit)	273352	46	273353	47	273354	47	273355	48	273356	49	6
H702 (right unit)	273352	46	273353	47	273354	47	273355	48	273356	49	8
H802 (left and right unit)	273352	46	273353	47	273354	47	273355	48	273356	49	8

COOLING AND DEHUMIDIFYING COMPONENTS

NOTE: These units feature an optional cooling section (option H).

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

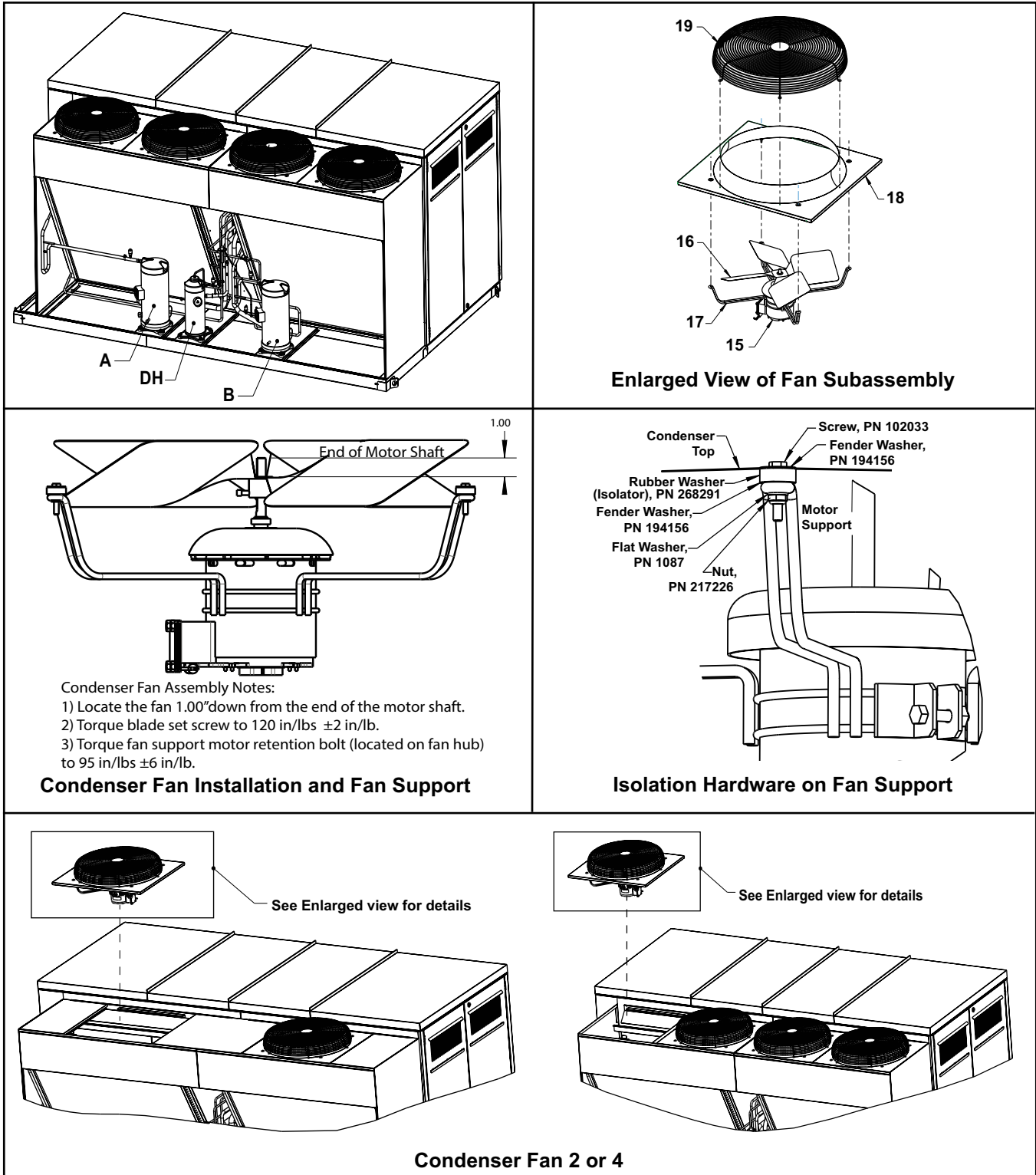


Figure 15. Cooling and Dehumidifying Components (Refer to Table 22, Table 23, Table 24, and Table 25)

Table 22. Cooling Components (See Figure 16)

Item No.	Component	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	YDHA, YDMA	060	A	—	272634	262801	262801	262802	262803	262802	
			090			261147	261147	261148	261149	261148		
		All	120	A		262801	262801	262802	262803	262802		
				B		262813	262813	262814	262815	262814		
			150	A		262804	262804	262805	262806	282805		
				B		235009	235009	235013	235018	235013		
			180	A		261147	261147	261148	261149	261148		
				B		216689	216689	216690	216691	216690		
		YDHA, YDMA	210	A		262807	262807	262808	262809	262808		
				B		262816	262816	262817	262818	262817		
		YDSA	210	A		262807	262807	262808	262809	—		
				B		216689	216689	216690	216691	—		
		YDHA, YDMA	240	A		266061	266061	266062	266063	266062		
				B		216695	216695	216696	216697	216696		
		YDSA	240	A		262807	262807	262808	262809	—		
				B		262816	262816	262817	282818	—		
		YDHA, YDMA	300	A		261153	261153	261154	261155	261154		
				B		235010	235010	235014	235019	235014		
			360	A		262810	262810	262811	262812	262811		
				B		216454	216454	216455	216456	216455		
1A	Compressor sound blanket (option SQ9)	All	060, 090, 120, 150	—	272509 (AR)							
1B	Blanket belt		180, 210, 240, 300, 360		272510 (AR)							
2	Digital controller		All		273284 (AR)							
3	Thermistor	YDHA, YDMA	060		—	266067						
			090			266069						
		All	120, 150, 180			266069						
		YDSA	210, 240			266068						
		YDHA, YDMA	300, 360			266068						
4	Solenoid kit (24V coil)	All	All		266071							
5	Coil kit (24V coil)	All	210, 240		266070							
		YDHA, YDMA	300, 360		266070							
6	Mounting kit	YDHA, YDMA	060		205825							
			090		205825							
		All	120, 150, 180, 210, 240		205825 (2)							
7	High pressure switch	All	All		216379							
8	Low pressure switch				216380							
9	Plug, main compressor	YDHA, YDMA	060		A	284756						
			090			284756						
		All	120, 150, 180			A	284756					
						B	284757					
		YDHA, YDMA	210	A		284757						
				B		284757						
		YDSA	210	A		284757						
				B		284756						
YDHA, YDMA	240, 300, 360	A	284755									
		B	284755									

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

COOLING AND DEHUMIDIFYING COMPONENTS—CONTINUED

Table 22. Cooling Components (See Figure 16)—Continued											
Item No.	Component	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											
9A	Plug, reheat compressor	All	All	—	284756						
10	Expansion valve	YDHA, YDMA	060	A	234987						
			090		220556						
			120	A	234987						
		YDSA	120	A	234960					—	
				B	220555						
		All	150, 180	A	220556						
				B	220556					—	
		YDHA, YDMA	210	A	220556						
				B	220555					—	
		YDSA	120	A	220556						
				B	261175						
		All	240	A	220558						
				B							
		YDHA, YDMA	300	A							
360	B										
11	Filter drier	YDHA, YDMA	060	A	216408						
			090		216408						
		All	120, 150, 180	A	216410						
				B	216410					—	
		YDHA, YDMA	210	A	216410						
				B	216408					—	
		YDSA	210	A	216410						
				B	221010						
		All	240, 300	A							
				B							
YDHA, YDMA	360	A									
		B									
12	Crankcase heater	YDHA, YDMA	060	A	—	216394	216394	216394	216396	216397	216396
			090			216398	216398	216400	216401	216400	
		All	120	A		216394	216394	216396	216397	216396	
				B		216398	216398	216400	216401	216400	
		YDHA, YDMA	210	A		216402	216402	216404	216405	216404	
				B		216402	216402	216404	216405	—	
		YDSA	210	A		216398	216398	216400	216401	—	
				B		216402	216402	216404	216405	216404	
		All	240	A		216402	216402	216404	216405	216404	
				B		216402	216402	216404	216405	216404	
		YDHA, YDMA	300, 360	A		216402	216402	216404	216405	216404	
				B		216402	216402	216404	216405	216404	

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

Table 22. Cooling Components (See Figure 16)—Continued

Item No.	Component	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												
13	Evaporator coil	YDHA, YDMA	060	—	262823							
		YDHA	090		262824							
		YDMA			262823							
		YDHA, YDMA	120, 150		262825							
		YDSA			262819							
		YDHA, YDMA	180		262819							
		YDSA			262820							
		YDHA, YDMA	210		262826							
		YDSA			262821							
		YDHA, YDMA	240		262827							
		YDSA			262822							
YDHA, YDMA	300	262828										
YDHA, YDMA	360	262829										
14	Condenser coil	YDHA, YDMA	060	A	268538							
			090	B	268538							
				A	268538							
			120, 150	B	268538							
		YDSA		A	269667							
			180	B	268539							
		YDSA		A	268536							
			180	B	268536							
		YDHA, YDMA		A	269668							
			210, 240	B	269668							
		YDSA		210	A	268537						
			B		268536							
			240	A	216402							
				B	216402							
		YDHA, YDMA	300, 360	A	268541							
				B	268541							
		Condenser Fan System										
15	Fan motor, 3/4-HP (CUF3) (see Figure 15)	YDHA, YDMA	060	—	205628 (2)				205629 (2)	205628 (2)		
			090		205628 (2)							
		All	120, 150		205628 (4)							
			180, 210, 240, 300, 360		205628 (4)							
		Fan motor, 3/4-HP (CUF4) (see Figure 15)	YDHA, YDMA		060	272627 (2)					272628 (2)	272628 (2)
					090	272627 (2)						
	All		120, 150		272627 (4)							
		180, 210, 240, 300, 360	272627 (4)									
	Fan motor, 3/4-HP (CUF4/BE8) (see Figure 15)	YDHA, YDMA	060		1012575 (2)			1012576 (2)	1012576 (2)			
			090		1012575 (2)							
		All	120, 150		1012575 (4)							
			180, 210, 240, 300, 360		1012575 (4)							
16	Fan blade (see Figure 15)	YDHA, YDMA	060	271835 (2)				271835 (2)	177223 (2)			
			090	271835 (2)								
		All	120, 150	271835 (2)								
			180, 210, 240	271835 (2)								
		YDHA, YDMA	300, 360	271835 (4)								

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

COOLING AND DEHUMIDIFYING COMPONENTS—CONTINUED

Table 22. Cooling Components (See Figure 16)—Continued										
Item No.	Component	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										
17	Fan/motor support (see Figure 15)	YDHA, YDMA	060	—	—	157107 (2)				
			090			157107 (2)				
		All	120, 150			157107 (4)				
			180, 210, 240			157107 (4)				
18	Condenser top (see Figure 15)	YDHA, YDMA	060	—	—	271817 (2)				
			090			271817 (2)				
		All	120, 150			271817 (4)				
			180, 210, 240			271817 (4)				
19	Fan guard (see Figure 15)	YDHA, YDMA	060	—	—	255436 (2)				
			090			255436 (2)				
		All	120, 150			255436 (4)				
			180, 210, 240			255436 (4)				
20	Plenum fan	YDHA, YDSA	180	—	—	235687		235688	235687	
			All			210	235687		235688	235687
		YDHA, YDMA	240, 300, 360			235687		235688	235687	
			240, 300, 360			235687		235688	235687	
21	Flexible inlet collar assembly	YDHA, YDSA	180	—	—	268554				
			All			210	268554			
		YDHA, YDMA	240, 300, 360			268554				
22	Rubber isolation	YDHA, YDSA	180	—	—	235692 (4)				
			All			210	235692 (4)			
		YDHA, YDMA	240, 300, 360			235692 (4)				
Supply Fan (Option A10)**										
20	Plenum fan	YDHA, YDMA	060	—	—	268504	272430	268504	272432	268504
			YDHA			090	268505		272433	268505
		YDMA	272430				268504	272432	268504	
		YDHA, YDMA	120, 150			268505		272433	268505	
			YDSA			120, 150, 180, 210	268506		272434	268506
		YDHA	180			268506		272434	268506	
			YDMA			180	268505		272433	268505
		YDHA	210, 240			268506		272434	268506	
			YDSA			240	272431	268507	272435	268507
		YDHA, YDMA	300, 360			272431	268507	272435	268507	
21	Flexible inlet collar assembly	YDHA	060	—	—	268553				
			YDMA			090	268553			
		YDHA	120, 150, 180, 210				268554			
		All				240, 300, 360	268554			
		YDHA, YDMA	240, 300, 360			268555				
		YDSA	240			268555				
22	Rubber isolation	YDHA, YDMA	060	—	—	268556 (4)				
			090, 120, 150			268556 (4)				
		YDSA	120, 150, 180, 210, 240, 300			268557 (4)				
			YDHA			180	268557 (4)			
		YDMA	180			268556 (4)				
		YDHA, YDMA	210, 240, 300, 360			268557 (4)				

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

**Option includes VFD and line reactor (refer to Table 8 or Table 10) for all models.

Table 22. Cooling Components (See Figure 16)—Continued

Item No.	Component	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										
23	Contactor, compressor A	YDHA, YDMA	060	—	272002	272001	271836			
			090		—	272002	272001			
		All	120		—	272001	271836			
			150				272000	271999	272000	
			180			272002	272001			
			210, 240			272416				
			300			272418	272001			
		360	272416		272417					272416
		*Quantity is one (1) unless otherwise indicated. AR = as required.								

Table 23. Dehumidification Components—Models YDHA and YDMA with Low-Capacity Reheat Pump—Option RPLE (See Figure 16)

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					
3	Thermistor	YDHA, YDMA	060	266069					
		YDMA	090	266069					
		YDHA, YDMA	120, 150, 180, 210, 240, 300, 360	—	266069				
4	Solenoid kit (24V coil)	YDHA, YDMA	All	266071					
6	Mounting kit			205825					
7	High pressure switch			216379					
8	Low pressure switch			216380					
9C	Molded plug			272419					
10	Expansion valve			YDHA, YDMA	060	270303			
		YDMA	090	270303					
		YDHA, YDMA	120, 150, 180, 210, 240	—	270303				
			300, 360	—	234960				
11	Filter drier	YDHA, YDMA	060	177379					
		YDMA	090	177379					
		YDHA, YDMA	120, 150, 180, 210, 240, 300, 360	—	216408				
			060	216394					
12	Crankcase heater	YDMA	090	216394					
		YDHA, YDMA	120, 150, 180, 210, 240, 300, 360	—	216394	216396	216397	216396	
			060	216394					
Cooling Coils									
13	Evaporator coil	YDHA, YDMA	060	268543					
		YDMA	090	268543					
		YDHA, YDMA	120, 150, 180, 210, 240	—	268545				
			300, 360	—	268546				
14	Condenser coil	YDHA, YDMA	060	268548					
		YDMA	090	268548					
		YDHA, YDMA	120, 150, 180, 210, 240	—	268550				
			300, 360	—	273070				
*Quantity is one (1).									

COOLING AND DEHUMIDIFYING COMPONENTS—CONTINUED

Table 24. Dehumidification Components—Models YDHA and YDMA with High-Capacity Reheat Pump—Option RPHE (See Figure 16)									
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	—	262804	262805	262806	262805	
2	Digital controller	YDHA, YDMA	All	266067					
3	Thermistor	YDHA, YDMA	060	266069					
		YDMA	090	266069					
		YDHA, YDMA	120, 150, 180, 210, 240, 300, 360	—	266069				
4	Solenoid kit (24V coil)	YDHA, YDMA	All	266071					
6	Mounting kit			205825					
7	High pressure switch			216379					
8	Low pressure switch			216380					
9C	Molded plug			272419					
10	Expansion valve			YDHA, YDMA	060	270303			
		YDMA	090	270303					
		YDHA, YDMA	120, 150, 180, 210, 240	—	270303				
			300, 360	—	235729				
11	Filter drier	YDHA, YDMA	060	177379					
		YDMA	090	177379					
		YDHA, YDMA	120, 150, 180, 210, 240, 300, 360	—	216408				
12	Crankcase heater	YDHA, YDMA	060	216394	216396	216397	216396		
		YDMA	090	216394	216396	216397	—		
		YDHA, YDMA	120, 150, 180, 210, 240, 300, 360	—	216394	216396	216397	216396	
Cooling Coils									
13	Evaporator coil	YDHA, YDMA	060	268543					
		YDMA	090	268543					
		YDHA, YDMA	120, 150, 180, 210, 240	—	268545				
			300, 360	—	268546				
14	Condenser coil	YDHA, YDMA	060	268548					
		YDMA	090	268548					
		YDHA, YDMA	120, 150, 180, 210, 240	—	268550				
			300, 360	—	273070				

*Quantity is one (1).

Table 25. Cooling Circuit B with Optional Fixed-Circuit Hot Gas Bypass Valve—Option AUC8 (See Figure 16)		
Item No.	Component	PN*
24	Hot gas bypass valve	220517
25	Shutoff valve	216749
26	Check valve	259292

*Quantity is one (1).

<p>Item 1: Compressor</p> 	<p>Item 2: Digital Controller</p> 	<p>Item 3: Thermistor</p> 
<p>Item 4: Solenoid Kit</p> 	<p>Item 5: Coil Kit</p> 	<p>Item 6: Mounting Kit</p> 
<p>Item 7: High Pressure Switch</p> 	<p>Item 8: Low Pressure Switch</p> 	<p>Items 9A, 9B, and 9C: Molded Plug</p> 
<p>Item 10: Expansion Valve</p> 	<p>Item 11: Filter Drier</p> 	<p>Item 12: Crankcase Heater</p> 
<p>Item 15: Fan Motor</p>  <p>CUF4</p>  <p>CUF3</p>	<p>Item 16: Fan Blade</p> 	<p>Item 17: Fan/Motor Support</p> 
<p>Item 18: Condenser Top</p> 	<p>Item 19: Fan Guard</p> 	<p>Item 24: Hot Gas Bypass Valve</p> 
<p>Item 26: Check Valve</p> 		<p>Item 25: Shutoff Valve</p> 

Figure 16. Individual Cooling and Dehumidifying Components

ELECTRIC HEAT COMPONENTS

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

Table 26. 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, 090, 120, 150, 180, 210, 240	Heater rack	272505 (2)		272506 (2)	272507 (2)
			Limit control, 170°	272748			
			SCR module	234057		220688	234058
			SCR contactor	272416			
	YDSA	120, 150, 180, 210	Heater rack	272505 (2)		272506 (2)	272507 (2)
			Limit control, 170°	272748			
Stage 1 contactor			272001				
		Stage 2 contactor	272001				
E30	YDHA, YDMA	060, 090, 120, 150, 180, 210, 240, 300, 360	Heater rack	272505 (3)		272506 (3)	272507 (3)
			Limit control, 170°	272748			
			SCR module	234057		220688	234058
			SCR contactor	272001			
			Step 2 contactor	272001		—	
			Step 3 contactor	272001			
			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			
			Stage 1 contactor	272001			
			Stage 2 contactor	272001			
			Stage 3 contactor	272001			
			Stage 1 fuseblock	207618		—	
			Stage 2 fuseblock	207618			
			Stage 3 fuseblock	207618			
Stage 1 fuse			207615 (3)				
Stage 2 fuse	207615 (3)						
		Stage 3 fuse	207617 (3)				
E40	YDHA, YDMA	060, 090, 120, 150, 180, 210, 240	Heater rack	272505 (4)		272506 (4)	272507 (4)
			Limit control, 170°	272748			
			SCR module	234057		220688	234058
			SCR contactor	272416		272416	
			Step 2 contactor	272416		—	
			SCR fuseblock	207631			
			Step 2 fuseblock	207631			
	SCR fuse	207617 (3)					
	Step 2 fuse	207617 (3)					
	YDSA	120, 150, 180, 210	Heater rack	272505 (4)		272506 (4)	272507 (4)
			Limit control, 170°	272748			
			Stage 1 contactor	272001			
			Stage 2 contactor	272001			
			Stage 3 contactor	272001			
			Stage 4 contactor	272001			
Stages 1 & 2 fuseblock			207631		—		
Stages 3 & 4 fuseblock			207631				
Stages 1 & 2 fuse	207617 (3)						
		Stages 3 & 4 fuse	207617 (3)				

*Quantity is one (1) unless otherwise indicated.

Table 26. 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)*			
E50	YDHA, YDMA	090, 120, 150, 180, 210, 240, 300, 360	Heater rack	272505 (5)		272506 (5)	272507 (5)
			Limit control, 170°	272748			
			SCR module	234057		220688	234058
			SCR contactor	272416		272001	
			Step 2 contactor				
			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			
			Stage 1 contactor	272001		272001	
			Stage 2 contactor	272416			
			Stage 3 contactor			272416	
			Stage 1 fuseblock	207618		207629	
			Stage 2 fuseblock	207631			
			Stage 3 fuseblock			207631	
Stage 1 fuse			207615 (3)		207622 (3)		
Stage 2 fuse			207617 (3)		207625 (3)		
Stage 3 fuse	207617 (3)				207625 (3)		
E60	YDHA, YDMA	090, 120, 150, 180, 210, 240, 300, 360	Heater rack	272505 (6)		272506 (6)	272507 (6)
			Limit control, 170°	272748			
			SCR module	234057		220688	234058
			SCR contactor	272416		272416	
			Step 2 contactor				
			Step 3 contactor	272416		—	
			SCR fuseblock	207631		207630	
			Step 2 fuseblock			207630	
			Step 3 fuseblock	207631		—	
			SCR fuse	207617 (3)		207627 (3)	
	Step 2 fuse	207627 (3)					
	Step 3 fuse	207615 (3)		—			
	YDSA	120, 150, 180, 210	Heater rack	272505 (6)		272506 (6)	272507 (6)
			Limit control, 170°	272748			
			Stage 1 contactor	272416		272001	
			Stage 2 contactor				
			Stage 3 contactor	272416		272001	
			Stage 1 fuseblock	207631		207629	
			Stage 2 fuseblock				
			Stage 3 fuseblock	207631		207629	
Stage 1 fuse			207617 (3)		207625 (3)		
Stage 2 fuse					207625 (3)		
Stage 3 fuse	207617 (3)		207625 (3)				

*Quantity is one (1) unless otherwise indicated.

ELECTRIC HEAT COMPONENTS—CONTINUED

Table 26. 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				
			SCR module	234057		220688	234058	
			SCR contactor	272416		272416		
			Step 2 contactor			272001		
			Step 3 contactor	272001		—		
			Step 4 contactor			—		
			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	207615 (3)		—		
			Step 4 fuse			—		
	YDSA	120, 150, 180, 210	Heater rack	272505 (7)		272506 (7)	272507 (7)	
			Limit control, 170°	272748				
			Stage 1 contactor	272001				
			Stage 2 contactor	272416		272001		
			Stage 3 contactor			—		
			Stage 4 contactor	207631		207629		
			Stage 1 fuseblock			272418		
			Stage 2 fuseblock			207631		
			Stage 3 fuseblock			272418		
			Stage 4 fuseblock	207631		207622 (3)		
			Stage 1 fuse	207617 (3)		207625 (3)		
			Stage 2 fuse			—		
			Stage 3 fuse			—		
			Stage 4 fuse			—		
			E80	YDHA, YDMA	120, 150, 180, 210, 240, 300, 360	Heater rack	272505 (8)	
	Limit control, 170°	272748						
	SCR module	234057				220688	234058	
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						—		

*Quantity is one (1) unless otherwise indicated.

Table 26. 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				
			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 module	234057		220688	234058	
			Limit control, 170°	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				
			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)	—						

*Quantity is one (1) unless otherwise indicated.

ELECTRIC HEAT COMPONENTS—CONTINUED

Table 26. 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			
			SCR module	234057		220688	234058
			SCR contactor	272416		272416	
			Step 2 contactor				
			Step 3 contactor				
			Step 4 contactor				
			Step 5 contactor			—	
			Step 6 contactor				
			SCR fuseblock	207630			
			Step 2 fuseblock				
			Step 3 fuseblock				
			Step 4 fuseblock				
			Step 5 fuseblock			—	
			Step 6 fuseblock				
			SCR fuse	207628 (3)			
			Step 2 fuse				
			Step 3 fuse				
	Step 4 fuse						
	Step 5 fuse	—					
	Step 6 fuse						
	Heater rack			272505 (12)		272506 (12)	272507 (12)
	Limit control, 170°	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)		—				

*Quantity is one (1) unless otherwise indicated.

SUPPLY AIR FILTERS

NOTE: Refer to [Table 27](#) for replacement supply air filter (option AW21 or AW24) specifications.

Table 27. Replacement Supply Air Filters							
Filter Description	Cabinet Size	Model	Unit Size	Filter Size (Inches)	Option AW21 (MERV 8)	Option AW24 (MERV 13)	Quantity
					PN		
Supply air filter, 4-inch, disposable, pleated	1	YDHA, YDMA	060	16 × 25	211128	256666	1
		YDMA	090		211128	256666	
		YDHA	120, 150	222480	260828		
	2	YDHA, YDMA	090, 120, 150	20 × 24	222480	260828	2
		YDSA	120, 150		211128	256666	
	3	YDHA, YDMA	180, 210, 240	16 × 25	211128	256666	4
		YDSA	120, 150		211128	256666	
	3	YDHA, YDMA	300, 360	25 × 29	235757	235758	
YDSA		180, 210	235757		235758		

OUTSIDE AIR HOOD ASSEMBLIES

NOTE: Option AS16, the outside air hood assembly, is shown in [Figure 17](#). Refer to [Table 28](#) for outside air hood assembly components.

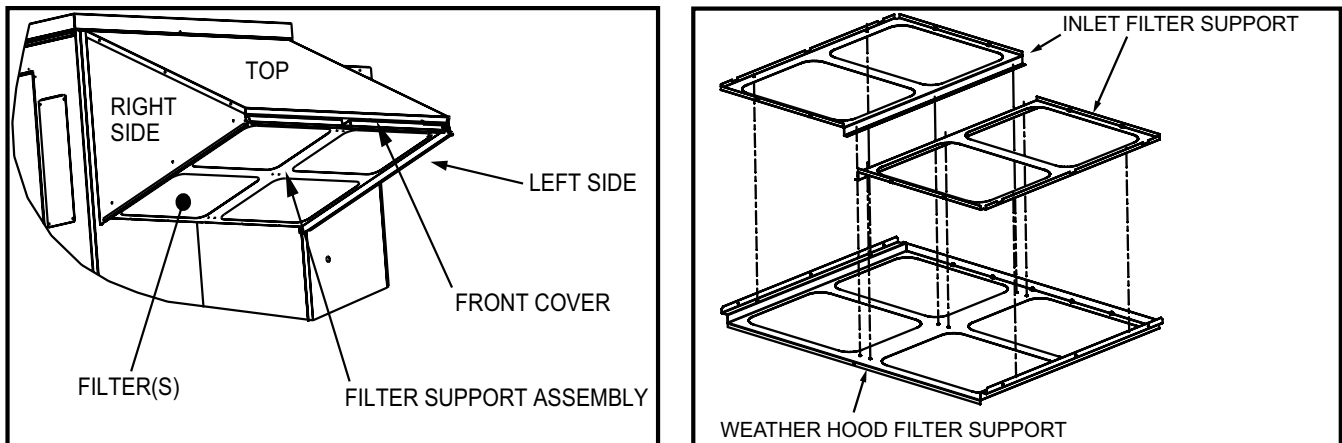


Figure 17. Outside Air Hood Assemblies (Refer to [Table 28](#))

OUTSIDE AIR HOOD ASSEMBLIES—CONTINUED

Table 28. 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	1	YDHA, YDMA	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	1	YDHA, YDMA	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	1	YDHA, YDMA	060, 090, 120, 150	272478
	2	YDSA	120, 150	271118
		YDHA, YDMA	180, 210, 240	
	3	YDSA	180, 210	284451
		YDHA, YDMA	300, 360	
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	1	YDHA, YDMA	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 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 29](#) and shown in [Figure 18](#).

Table 29. 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%	1	—		272145	272061	—		205067	—		
	2	—		208368	268498			—		—	
	3	—		235942	235420			—		—	
Outside and return air	1	272146	272144	272145	272061	—		—	269756		
	2	37715	272483	208368	268498			208369	268443		
	3	235940	235443	235942	235420			235941	235430		
Power exhaust	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 18)											
Item No.	Component			Cabinet Size	AR2L, AR2M, AR8, AR2D, AR2Y		AR25, AR2G, AR2H				
1	Damper actuator motor			1	263940		263940				
				2, 3	204271		204271				
2	Motor bracket			1, 2, 3	273202		273202				
Damper Linkage											
3	Damper arm			1, 2, 3	—		12635				
4	Damper ball and socket joint, to outside			1, 2, 3			12636				
5	Shaft			1, 2, 3			254742				
—	Damper rod, 1/4-inch diameter x 33 inches long*			1, 2, 3			179176				

*Not shown.



Figure 18. Individual Damper Components

ENERGY RECOVERY WHEEL COMPONENTS (OPTIONS EW30, EW36, EW46, EW52, AND EW58)

Table 30. 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				
Overload relay	AK3	272701	—				
	AK5, AK6	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					
Frost control (option PH3A)	AK5, AK6	272505					
Frost control (option PH4A)	AK7, AK8	272506					
Wiring harness, 1 phase		235275	—				
Wiring harness, 3 phase		—	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				1011101
Wheel motor, 575V, 3 phase, 1165 rpm		—	235375				1011102
Wheel section, 1 segment		262495	262497	235376	262497	295001	1011099
Wheel section, 4 segments		262496	262498	—		—	
Wheel section, 6 segments		—		235377	—		295002
Wheel section, 8 segments		—				1011100	
Temperature sensor (wheel supply air)		222753					
Dirty filter switch, ERM filters (option BE28)		273374					

*Refer also to [Table 36](#).

Table 31. 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 x 16	104102	4
				YDMA	060, 090			
			2	YDHA	180, 210, 240			
	EW36	36	1	YDHA, YDMA	120, 150	20 x 25	101610	4
				2	YDHA			
			3	YDSA	120, 150 180, 210			
	EW46	46	2	YDHA, YDMA	180, 210, 240	25 x 25	119779	4
			3	YDSA	180, 210			
	EW52	52	3	YDHA	300, 360	16 x 20	101607	4
						16 x 25	101609	2
						20 x 20	101608	4
						20 x 25	101610	2
	EW58	58	3	YDHA, YDMA	300, 360	16 x 20	101607	4
						16 x 25	101609	2
20 x 20						101608	4	
20 x 25						101610	2	

ELECTRIC PREHEAT ENERGY RECOVERY WHEEL COMPONENTS (OPTIONS PH2A, PH3A, AND PH4A)

Table 32. 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 19)*	YDHA, YDMA	060	273793	—	272505	272506	272507	272506
		090	—					
	All 120, 150, 180, 210, 240, 300	YDHA, YDMA						
10 kW (Option PH2A)								
Contactor	YDHA, YDMA	060	272416	—	272001	272001	272001	272001
		090	—					
	All 120, 150, 180, 210, 240, 300	YDHA, YDMA						
20 kW (Option PH3A)								
Contactor	YDHA, YDMA	060	272416		—	272416	272001	272001
		090	—					
	All 120, 150, 180, 210, 240, 300	YDHA, YDMA		360				
Fuseblock	YDHA, YDMA	060	207631	—				
		090, 120, 150, 180, 210, 240, 300, 360	YDSA	120, 150, 180, 210, 240, 300	—			
Fuse	YDHA, YDMA	060	207617	—				
		090, 120, 150, 180, 210, 240, 300, 360	YDSA	120, 150, 180, 210, 240, 300	—			

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

ELECTRIC PREHEAT ENERGY RECOVERY WHEEL COMPONENTS (OPTIONS PH2A, PH3A, AND PH4A)—CONTINUED

Table 32. Electric Preheat Energy Recovery Wheel Components—Continued								
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					
30 kW (Option PH4A)								
Contactor	YDHA, YDMA	180, 210, 240, 300, 360	—	272001			—	
Fuseblock				272416				
Fuse				207618				
				207631				
				207615				
	207617							

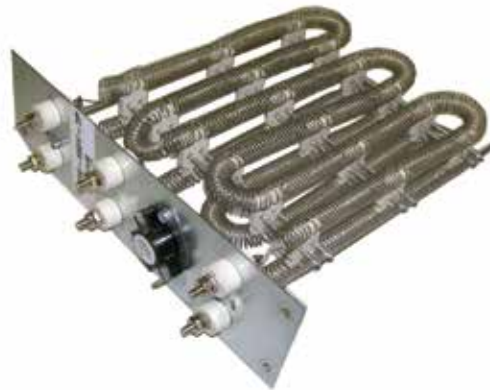


Figure 19. Heater Rack

VENTER COMPONENTS

NOTE: For standard efficiency units, the venter assembly (see [Figure 20](#)) is replaced as an assembly. Refer to [Table 33](#) for assembly PN. For high efficiency units, the venter motor and wheel assembly (PN 273297) shown in [Figure 21](#) has replaceable parts listed in [Table 34](#).



Figure 20. Venter Assembly (Refer to [Table 33](#))

Table 33. Venter Assemblies for Standard Efficiency Units		
Single Unit		
Heat Section Option	PN	
H50	235949	
H75	235949	
H100	235949	
H200	235950	
H250	235951	
H300	235951	
H400	235952	
Double Unit		
Heat Section Option	Left Side Venter Assembly	Right Side Venter Assembly
	PN	
H102	235949	
H125		
H150		
H175		
H202		
H402	235950	
H502	235950	235951
H602	235951	
H702	235951	235952
H802	235952	

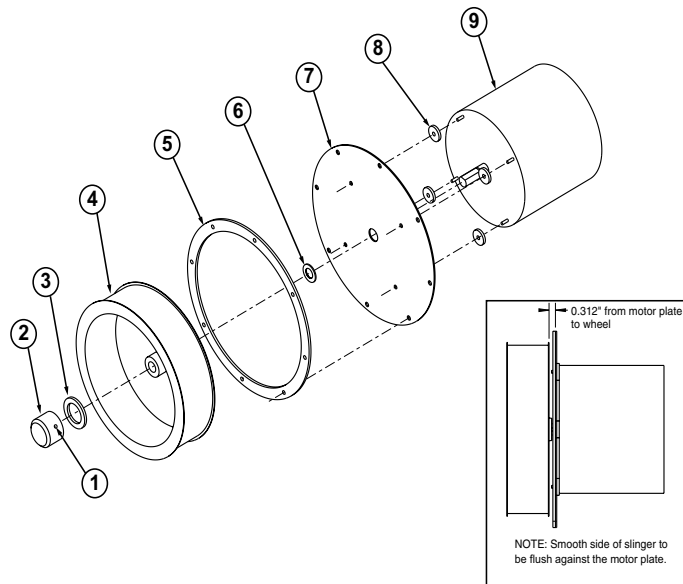


Figure 21. Venter Motor and Wheel Assembly (Refer to Table 34)

Table 34. Venter Motor and Wheel Assembly (PN 273297) Components for High Efficiency Models			
Heat Section Option	Item No.	Component	PN
G150, G225, G300, G302, G372, G452, G525, G602	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

FAN SLED ASSEMBLY COMPONENTS

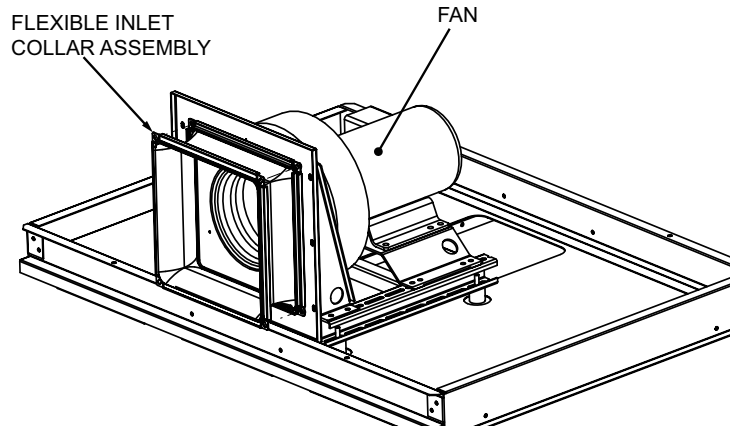


Figure 22. Fan Sled Assembly

Table 35. 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		
	AK7	YDHA, YDMA	120, 150, 180, 210, 240	235655		
		YDHA, YDMA	060	235656		
		YDHA	090	235658		
		YDMA		235656		
		YDHA, YDMA	120, 150, 180, 210, 240	235658		
		A11	AK5	YDHA, YDMA	060	272430
				YDHA	090	268505
YDMA	272430					
YDHA	120, 150			268505		
YDMA	180, 210, 240, 300, 360			268506		
	120, 150, 180			268505		
YDSA	210, 240, 300, 360			268506		
YDSA	120, 150, 180, 210		268506			
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			
		210, 240, 300, 360	268506			
	YDSA	120, 150, 180, 210	268506			
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			
		210, 240, 300, 360	272434			
	YDSA	120, 150, 180, 210	272434			

*Refer to [Table 8](#), [Table 9](#), and [Table 10](#), for components included with supply fan option.

POWER EXHAUST COMPONENTS (OPTIONS PE AND AR)

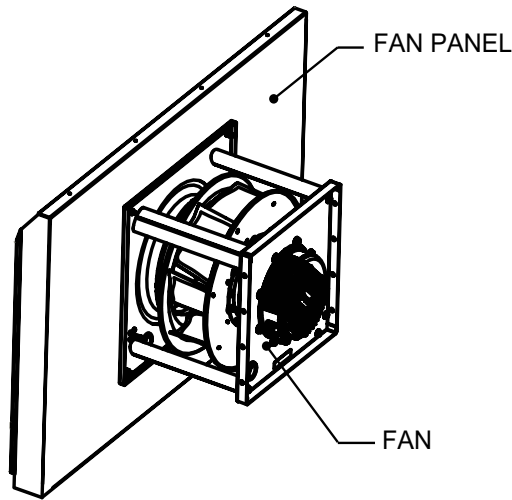


Figure 23. Power Exhaust Assembly (Refer to [Table 36](#))

Table 36. Power Exhaust Components									
Cabinet Size	Component	Voltage (AK) Option	Power Exhaust (PE) Option	Air Inlet and Damper Arrangement (AR) Option	Model	Unit Size	PN		
1	Fan panel	—	PE4	AR7, AR8, AR25	YDHA, YDMA	060	271035		
					YDHA		090	271036	
					YDMA	120, 150		271035	
					YDHA, YDMA		271036		
				YDHA	090	272906			
				YDMA		120, 150	272905		
				YDHA, YDMA	272906				
				Fan	AK3 AK5, AK6 AK7, AK8	PE4	AR2D, AR2H	YDHA, YDMA	060
	060, 090, 120, 150	268558							
	090, 120, 150	268562							
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	180, 210, 240		273198	
					AR8				
				AR25					
			PE5	YDHA, YDMA	180, 210, 240	273200			
				YDSA			120, 150		
				AR2G			180, 210, 240		
			Fan	AK5, AK6 AK7, AK8	PE4	—	YDHA, YDHA	180, 210, 240	268558
							YDSA		
	PE5	YDHA					180, 210, 240	268559	
		YDMA							
	PE4	YDSA					150	268562	
							YDHA, YDHA		
			YDSA	120, 150					
			YDHA	180, 210, 240					
PE5	YDMA	210, 240	268563						
				YDSA	150				

POWER EXHAUST COMPONENTS (OPTIONS PE AND AR)—CONTINUED

Cabinet Size	Component	Voltage (AK) Option	Power Exhaust (PE) Option	Air Inlet and Damper Arrangement (AR) Option	Model	Unit Size	PN			
3	Fan panel	—	PE4	AR2D, AR2H, AR2L, AR2M	YDHA, YDMA	300, 360	235922			
			PE5		YDSA	180, 210				
			PE6		YDHA, YDMA	300, 360	235923			
			—*		YDSA	180, 210				
			—*		YDHA, YDMA	300, 360				
			—*		YDSA	180, 210	235922 (with option EW36) 235923 (with option EW46)			
			—*		YDHA	300, 360	235923 (with option EW52)			
			—*		YDHA, YDMA		235923 (with option EW58)			
			Fan		AK5, AK6	PE4	AR2D, AR2H, AR2L, AR2M	YDHA, YDMA	300, 360	268558
						PE5		YDHA, YDMA		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, YDMA		268563			
		PE6			YDHA	268564				
		PE4			YDSA	180, 210	268562			
		PE5	268563							
	PE6	268564								

*For energy recover wheel components, refer to [Table 30](#).

ROOF CURBS (OPTIONS CJ31, CJ34, CJ48, AND CH55)

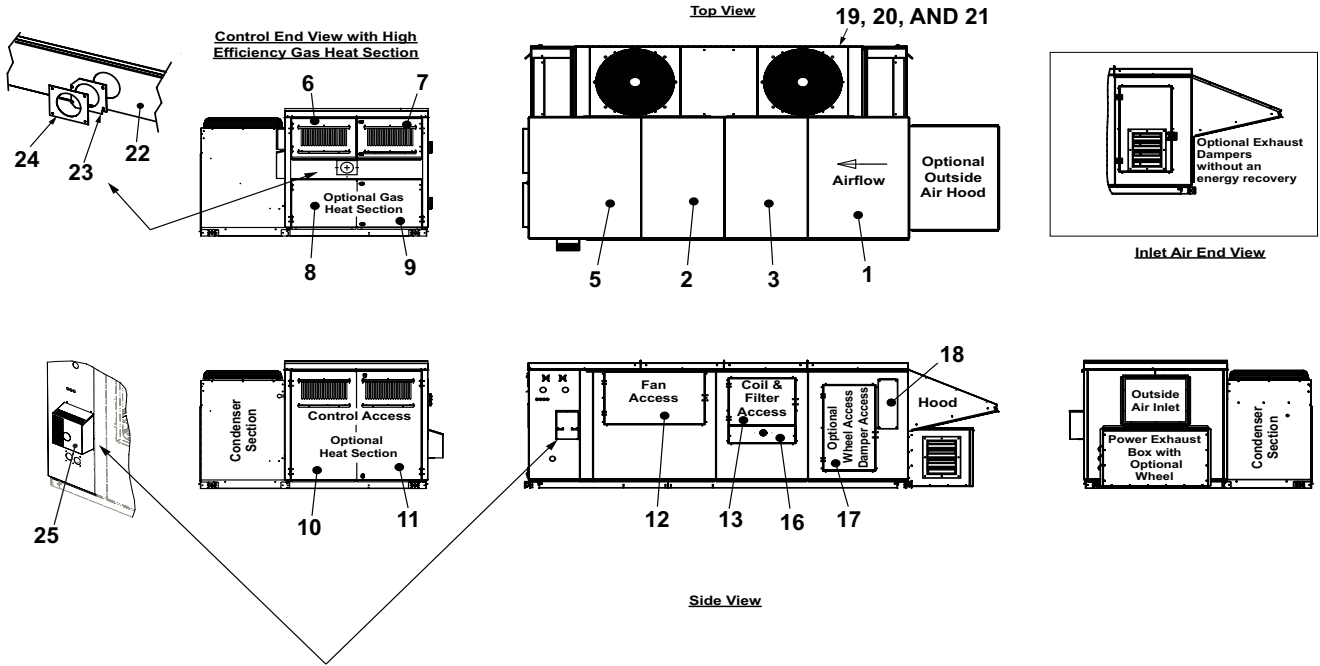
NOTE: Option codes are listed in [Table 37](#) for reference. When ordering, use PN.

Roof Curb Type	Cabinet Size	Model	No Energy Wheel	
			Option	PN
Package Without Energy Wheel				
Vertical (down) discharge	1	YDHA, YDMA	CJ31	272399
	2	All		272403
	3			284223
Horizontal airflow	1	YDHA, YDMA	CJ48	272400
	2	All		272404
	3			284224
Package with Energy Wheel				
Vertical (down) discharge	1	YDHA, YDMA	CJ34	272401
	2	All		272405
	3			284223
Horizontal airflow	1	YDHA, YDMA	CJ55	272402
	2	All		272406
	3			284224

EXTERNAL CABINET COMPONENTS

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

Cabinet Sizes 1 and 2



Cabinet Size 3

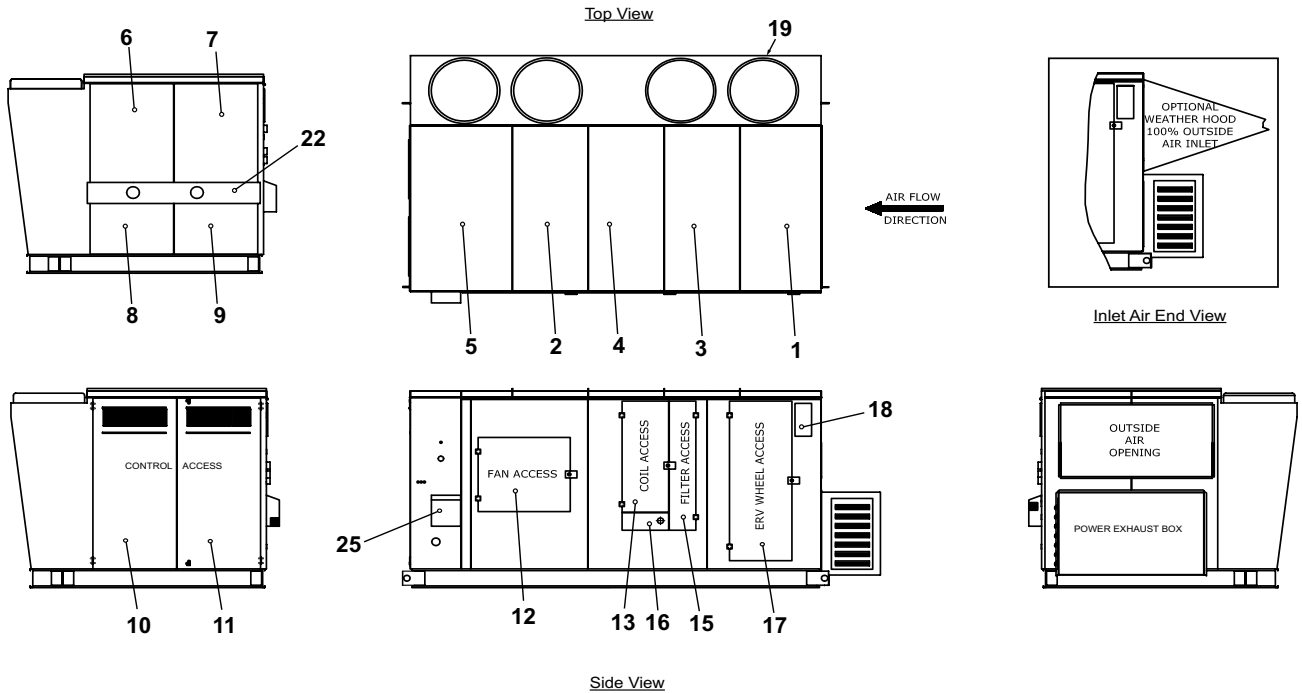


Figure 24. External Cabinet Components (Refer to Table 38)

EXTERNAL CABINET COMPONENTS—CONTINUED

Table 38. External Cabinet Components							
Item No.	Component	Model	Unit Size	Option	Cabinet Size		
					1	2	3
					PN (Quantity)*		
1	Top cover rear	All		AR7, AR8, AR25, AR2D, AR2G, AR2H, AR2Y	271019	269961	284507
				AR2L, AR2M	271047	269661	284507
—	272147			269660	284506		
	272147			269660	284506		
	—			284506			
5	Top cover end				271017	269659	284505
6	Control left door	YDHA, YDMA	060	G150, G225, G300, G302, G372	272981	—	
		YDMA	090				
		YDHA	090, 120, 150		272983		
		YDMA	120, 150				
All		G150, G225, G300, G302, G372, G452, G525, G602	—	273564	284526		
7	Control right door	YDHA, YDMA	060	G150, G225, G300, G302, G372	272978	—	
		YDMA	090				
		YDHA	090, 120, 150		272982		
		YDMA	120, 150				
All		G150, G225, G300, G302, G372, G452, G525, G602	—	273565	284524		
8	Gas door left	All		G150, G225, G300, G302, G372	272975	—	
				G150, G225, G300, G302, G372, G452, G525, G602	—	273558	284521
9	Gas door right			G150, G225, G300, G302, G372	272974	—	
				G150, G225, G300, G302, G372, G452, G525, G602	—	273566	284522
10	Control left door			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				
		YDHA	090, 120, 150	271271			
		YDMA	120, 150				
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 right door	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				
		YDHA	090, 120, 150		271269		
		YDMA	120, 150				
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		

*Quantity is one (1) unless otherwise indicated.

Table 38. External Cabinet Components—Continued

Item No.	Component	Model	Unit Size	Option	Cabinet Size		
					1	2	3
					PN (Quantity)*		
12	Fan access panel	YDHA, YDMA	060		270934	—	
		YDMA	090				
		YDHA	090, 120, 150		272259		
		YDMA	120, 150				
		All			—		
13	Coil and filter access panel	YDHA, YDMA	060	—	270933	—	
		YDMA	090				
		YDHA	090, 120, 150		270990		
		YDMA	120, 150				
		All			—	272262	—
14	Coil access panel						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				
		YDHA, YDMA	060	AR2D, AR2G, AR2H, AR2Y	271051		
		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				
		All			—	235296	284318
						272268	284318
						272265	284315
18	Damper motor access cover			AR2L, AR2M	269567	269567	235728
19	Hail guard				272068 (2)	271061 (3)	284544 (4)
20	Sheet metal screw			—	20859 (12)	20859 (24)	20859 (32)
21	Washer				113807 (12)	113807 (24)	113807 (32)
22	Exhaust panel			G150, G225, G300	272971	273560	284520
				G302	273015	271149	235774
				G372	273016	271150	284516
				G452	—	271151	284517
				G525			284518
				G602			284519
23	Vent cover gasket			G150, G225, G300, G302, G372, G452	221514		
24	Exhaust cover plate				273561		
25	Vent box subassembly, for standard efficiency gas heat units			H50, H75, H100, H125, H150, H175, H202	273789		
				H200, H250, H300, H400, H402, H502, H602, H702, H802	273788		
26	Hinge for foam-filled doors**				271796		
27	Slam latch**				271797		
28	Drain pan**				271300	269669	284104
29	Hinge for standard doors**				210029		
30	Door latch**				204469		
31	Pull tab**				204470		
32	Touchup paint, cabinet, white, 11-oz spray can (not shown)				201805		

*Quantity is one (1) unless otherwise indicated.

**See [Figure 25](#).

EXTERNAL CABINET COMPONENTS—CONTINUED



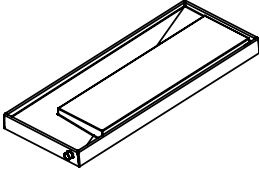



<p>Item 26: Hinge for Foam-Filled Door</p> 	<p>Item 27: Slam Latch</p> 	<p>Item 28: Drain Pan</p> 
<p>Item 29: Hinge for Standard Door</p> 	<p>Item 30: Door Latch</p> 	<p>Item 31: Pull Tab</p> 

Figure 25. Individual External Cabinet Components (Refer to [Table 38](#))



**R-410A
Refrigerant**

