

Commercial 25 Ton 2-Speed High Static Package Gas Unit

DBG3003SAA
DBG3003VAA
DBG3003VH00001SAA
DBG3004SAA
DBG3004VAA
DBG3004VH00001SAA
DBG3007SAA
DBG3007VAA
DBG3007VH00001SAA



This manual is to be used by qualified technicians only.

Important Information

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Views shown are for parts illustrations only, not servicing procedures.

Manual updated June 2025

Text Codes:

AR - As Required

NA - Not Available

NS - Not Shown

00000000 - See Note

QTY - Quantity Example (QTY 3) (If Quantity not shown, Quantity = 1)

M - Model Example (M1) (If M Code not shown, then part is used on all Models)

Expanded Model Nomenclature:

Example M1 - Model#1 M2 - Model#2 M3 - Model#3

Daikin Comfort Technologies Manufacturing , Inc. is not responsible for personal injury or property damage resulting from improper service. Review all service information before beginning repairs.

Warranty service must be performed by an authorized technician, using authorized factory parts. If service is required after the warranty expires, Daikin Comfort Technologies Manufacturing , Inc. also recommends contacting an authorized technician and using authorized factory parts.

Daikin Comfort Technologies Manufacturing , Inc. reserves the right to discontinue, or change at any time, specifications or designs without notice or without incurring obligations.

For assistance within the U.S.A. contact:
Equipment Support
Daikin Comfort Technologies Manufacturing , Inc.
19001 Kermier Road
Waller, Texas 77484
855-770-5678-Telephone
713-863-2382-Facsimile

For assistance outside the U.S.A. contact:
International Division
Daikin Comfort Technologies Manufacturing , Inc.
19001 Kermier Road
Waller, Texas 77484
713-861-2500-Telephone
713-863-2382-Facsimile

Functional Parts

Part

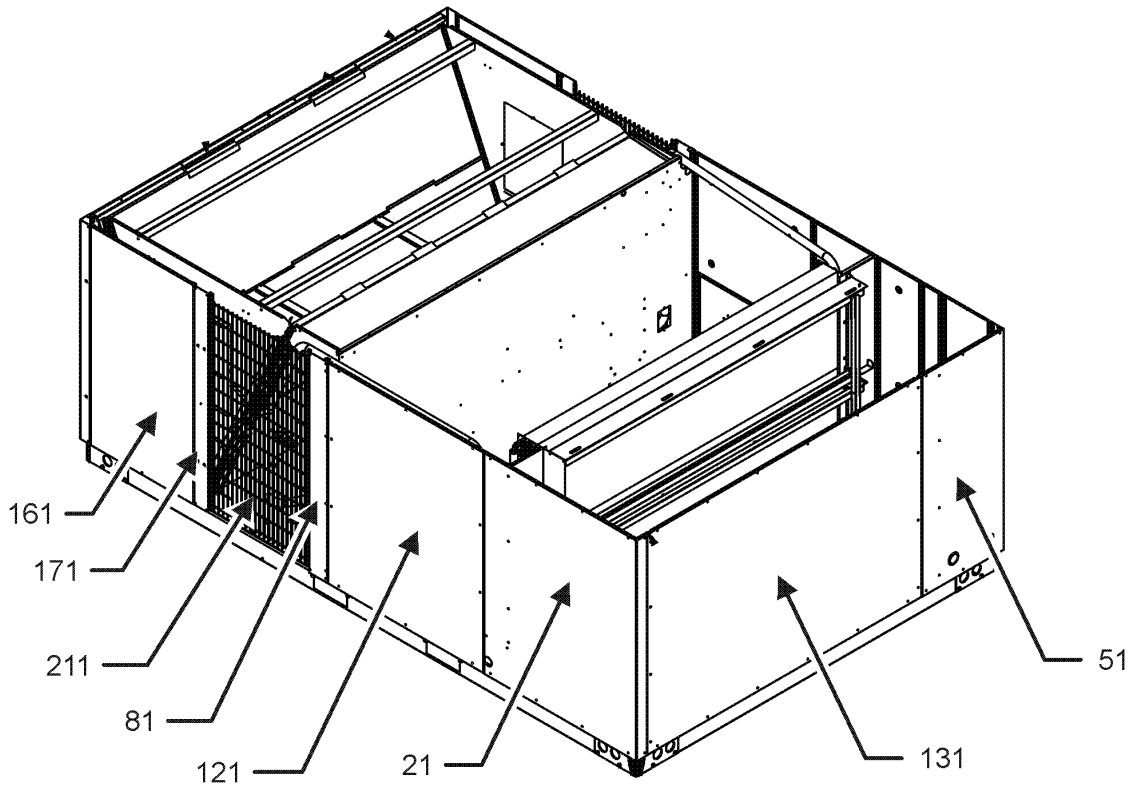
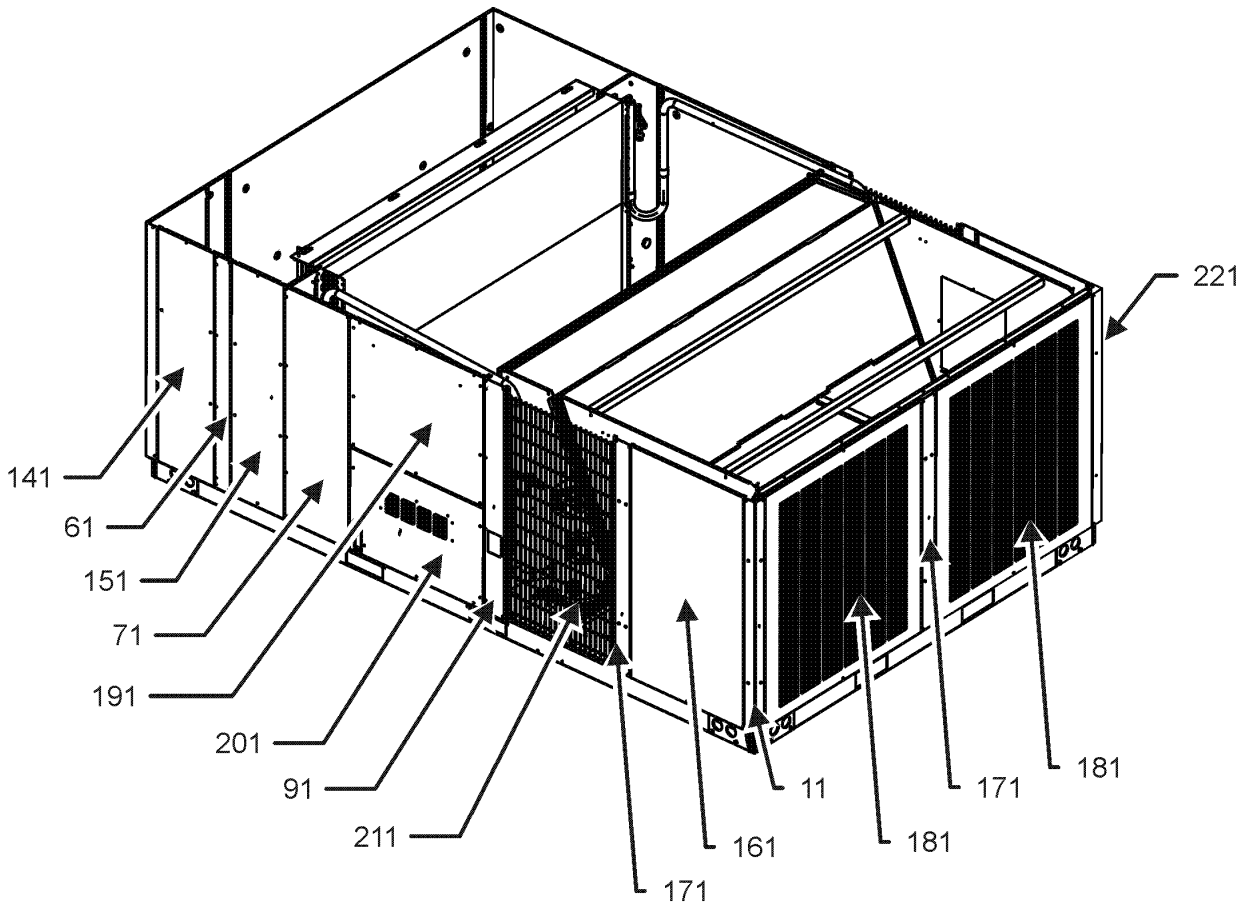
No: Description:

0271L00027	150-15R BD 1.44 TWIN BLOWER
0130M00249	AUXILLARY SWITCH (QTY 2)
0163L00000	BECKETT BURNER (QTY 8)
ZP137KCETFD155	COMP, 135,000, 460/60/3 (M4, M5, M6)
ZP137KCETFE155	COMP, 136,000, 575/60/3 (M7, M8, M9)
ZP137KCETF5250	COMP, 137000, 200/230/60/3 (M1, M2, M3)
CONT3P030024V	CONT, 3 POLE, 30 AMP, 24 VAC (QTY 4)
0130L00020	CRANK CASE HEATER, 90W, 240V (M1, M2, M3)
0130L00021	CRANK CASE HEATER, 90W, 480V (M4, M5, M6)
0130L00022	CRANK CASE HEATER, 90W, 575V (M7, M8, M9)
0130M00074	CUT-OUT SWITCH, HIGH PRESSURE (QTY 2)
0130M00087	CUT-OUT SWITCH, LOW PRESSURE (QTY 2)
0164L00004	FAN BELT-NOTCHED (M1, M4, M7)
0164L00013	FAN BELT-NOTCHED (M2, M3, M5, M6, M8, M9)
0130F00010	FLAME SENSOR
PCBAG123	IGNITION BOARD, DSI INTEGRATED
20261709	IGNITOR
0130M00064	LIMIT
10123529	MANUAL RESET LIMIT
0131L00032	MOTOR, 7.5 HP BELT DRIVE 230V (M1, M2, M3)
0131L00033	MOTOR, 7.5 HP BELT DRIVE 460V (M4, M5, M6)
0131L00034	MOTOR, 7.5 HP BELT DRIVE 575V (M7, M8, M9)
0130M00042	POWER BLOCK (M1, M2, M3, M4, M5, M6)
11112501	PRESSURE SWITCH
0130M00063	PRIMARY LIMIT - GOLD 140°
0130M00242	REALY, 24V (QTY 2)
10135604	RELAY (QTY 3)
0130M00025	RELAY, SPDT
0130M00264	RELAY, THERMISTOR
0130M00263	RELAY, THERMISTOR (QTY 2)
802007090	TERMINAL BOARD
0130M00596	TRANS, 150VA, 480V TO 230V (M4, M5, M6)
0130M00597	TRANS, 150VA, 575V TO 230V (M7, M8, M9)
0130L00207	TRANSFORMER (M7, M8, M9)
0130L00206	TRANSFORMER (M4, M5, M6)
0130L00205	TRANSFORMER (M1, M2, M3)
0151M00015	VALVE, GAS (HW) VR83

Expanded Model Nomenclature

M1 - DBG3003SAA
 M2 - DBG3003VAA
 M3 - DBG3003VH00001SAA
 M4 - DBG3004SAA
 M5 - DBG3004VAA
 M6 - DBG3004VH00001SAA
 M7 - DBG3007SAA
 M8 - DBG3007VAA
 M9 - DBG3007VH00001SAA

Cabinet Assembly



Cabinet Assembly

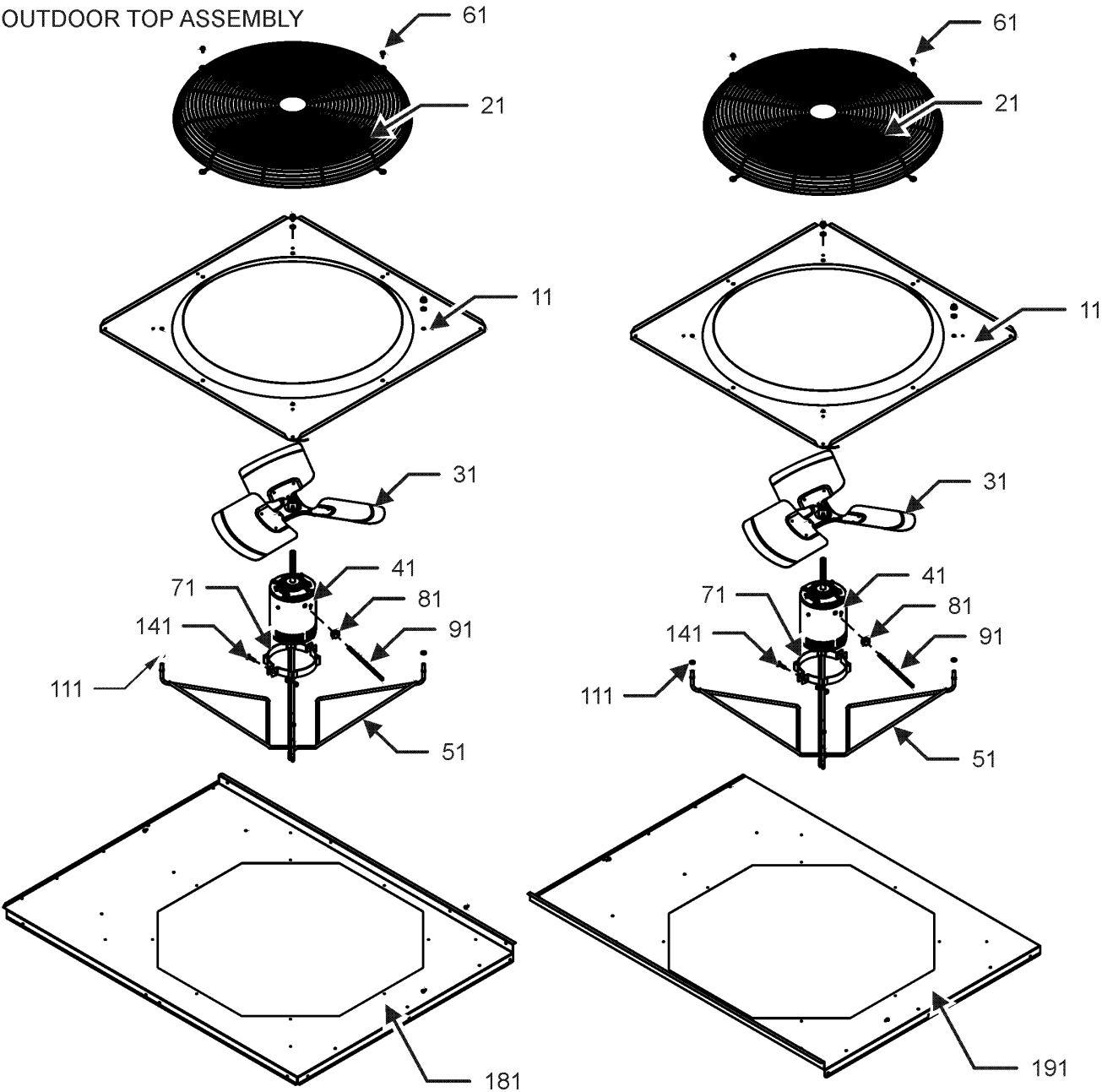
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0121L01143SB		CORNER POST (QTY 2)
21	0121L00681SB		EVAP PANEL
51	0121L00679SB		CONTROL CORNER PANEL
61	0121L02048SB		CONTROL/FILTER POST
71	0121L00710SB		BLOWER DOOR POST
81	0121L00903SB		POST-PARTITION, EVAP SIDE
91	0121L00904SB		POST-PARTITION, GAS FLUE
121	0121L00685SB		BLOWER DOOR, EVAP SIDE
131	0121L00688SB		ACCESSORY PANEL
141	0121L00687SB		PNT, DOOR-CONTROL
151	0121L00686SB		FILTER DOOR
161	0121L00907SB		PANEL-CONDENSER SIDE (QTY 2)
171	0121L01144SB		POST, COND PANEL (QTY 3)
181	0121L01174SB		PANEL-LOUVER, END (QTY 2)
191	0121L00713SB		BLOWER DOOR GAS
201	0121L00712SB		BURNER DOOR
211	0152L00000		GRILLE-CONDENSER (QTY 2)
221	0121L00476SB		PNT, TURNBUCKLE, DOOR (QTY 16)
NS	0121L00562SB		PNT, HOOD-COMBUSTION AIR
NS	M0204317		SCREW-MACH (QTY 16)

Expanded Model Nomenclature

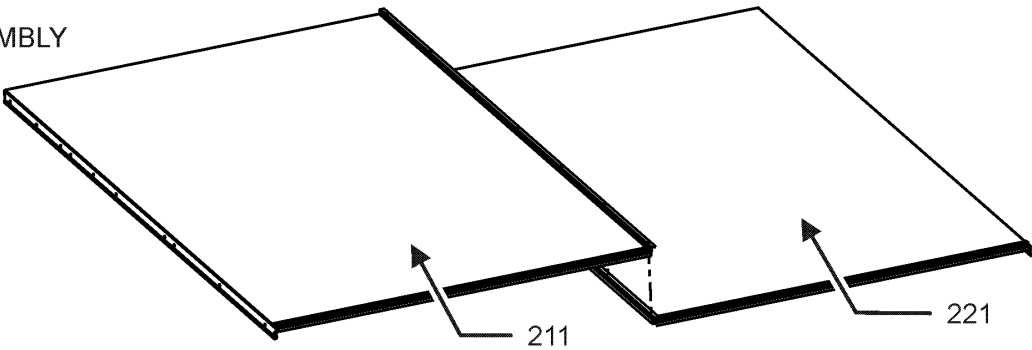
M1 - DBG3003SAA
M2 - DBG3003VAA
M3 - DBG3003VH00001SAA
M4 - DBG3004SAA
M5 - DBG3004VAA
M6 - DBG3004VH00001SAA
M7 - DBG3007SAA
M8 - DBG3007VAA
M9 - DBG3007VH00001SAA

Top Panel Assembly

OUTDOOR TOP ASSEMBLY



INDOOR TOP ASSEMBLY



Top Panel Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

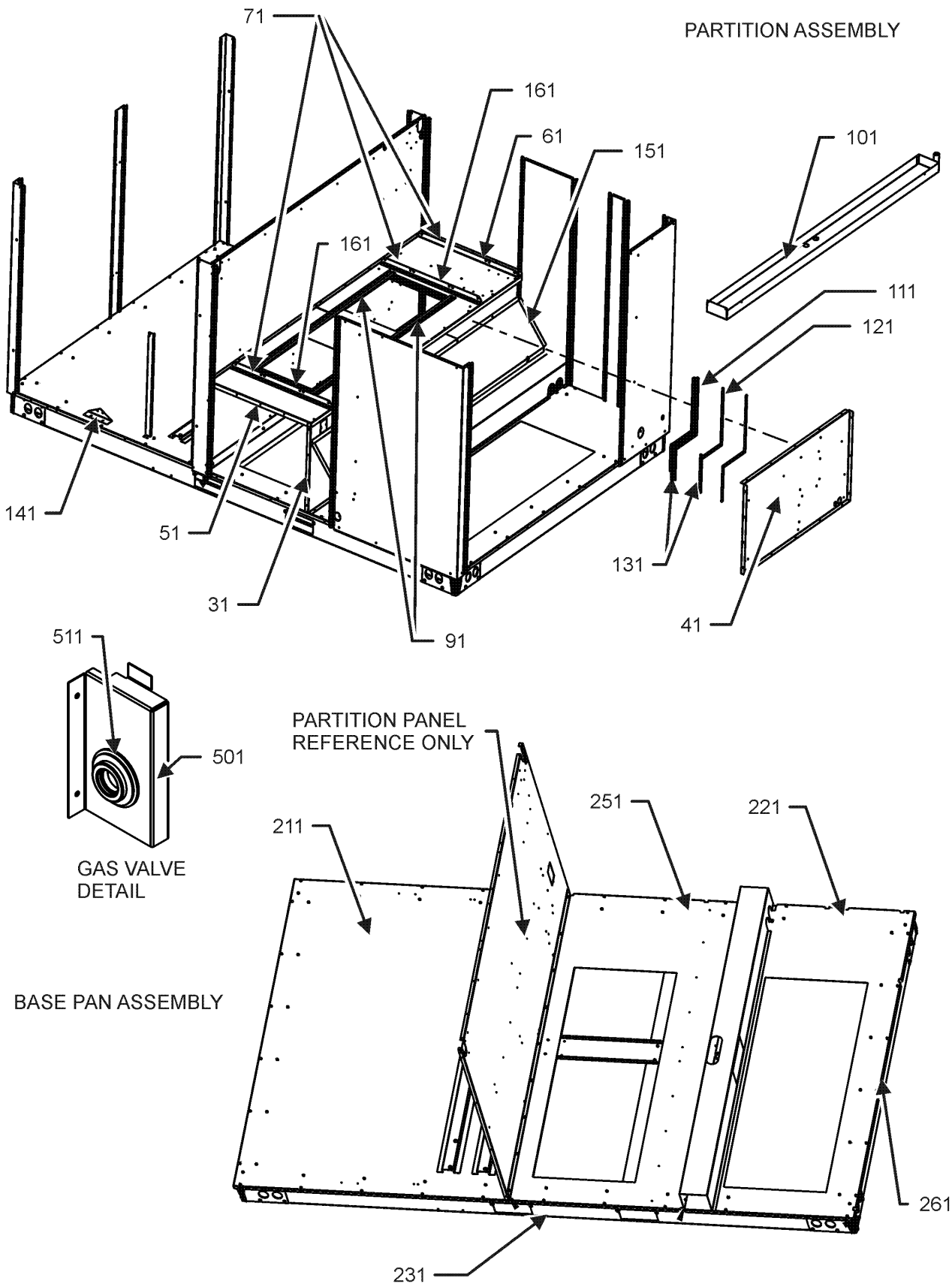
Image 1:

11	0121L01151SB	FAN PANEL 30" (QTY 4)
21	0152L00003	FAN GRILLE (QTY 4)
31	0150M00044	FAN BLADE (QTY 4)
41	0131M00697	MOTOR, COND (M1, M2, M3, M4, M5, M6)
41	0131M00721	MOTOR, COND 575 V (M7, M8, M9)
51	0163L00080	MOTOR MOUNT (QTY 4)
61	0163M00097	WASHERED SCREW (QTY 4)
71	0163L00082	MOTOR CLAMP BAND (QTY 4)
81	B1393726	ELECT. CONNECTING BUSHING (QTY 4)
91	0259L00219	POWER HARNESS, CM PIGTAIL (QTY 4)
111	B1392912	FLAT WASHER 3/8 ID X 7/8 OD (QTY 16)
141	0163M00275	CARRIAGE BOLT (QTY 4)
181	0121L01081SB	TOP, FAN C1
191	0121L01094SB	TOP, FAN C2
211	0121L00693SB	TOP ASSY, CONTROL SIDE
221	0121L00694SB	TOP ASSY, EVAP SIDE

Expanded Model Nomenclature

M1 - DBG3003SAA
 M2 - DBG3003VAA
 M3 - DBG3003VH00001SAA
 M4 - DBG3004SAA
 M5 - DBG3004VAA
 M6 - DBG3004VH00001SAA
 M7 - DBG3007SAA
 M8 - DBG3007VAA
 M9 - DBG3007VH00001SAA

Partition and Base Pan Assembly



Partition and Base Pan Assembly

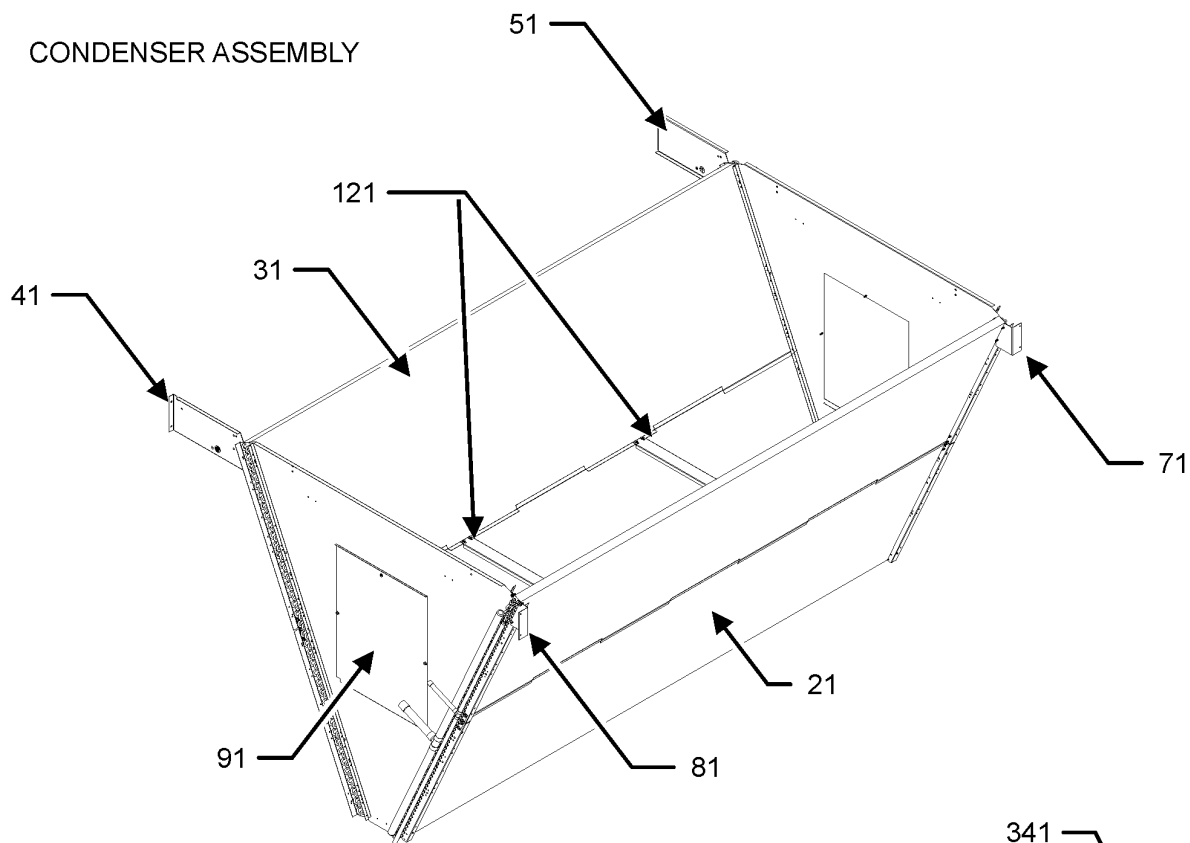
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
31	0121L01163		DECK, SIDE DUCT END
41	0121L01162		DECK, SIDE HEAT END
51	0121L01160		BLOWER DECK, EVAP SIDE
61	0121L01061		BLOWER DECK, MOTOR SIDE
71	0121L01431		MOTOR MOUNT ANGLE (QTY 3)
91	0121L00478		BLOWER DECK RAIL (QTY 2)
101	0270L00612DG		DRAIN PAN
111	0121L00551		HEAT EXCHANGER ANGLE, RH SIDE
121	0121L00552		HEAT EXCHANGER ANGLE, LH SIDE
131	0121L00553		LOWER HEAT EXCHANGER ANGLE (QTY 2)
141	0121L00913		BRACKET-COND/BASEPAN (QTY 2)
151	0121L01158		SHIELD, BLOWOFF
161	0121L00481		BLOWER RAIL (QTY 2)
211	0121L00902		BASEPAN-OUTDOORS
221	0121L00947		BASE PAN-RETURN
231	0121L00720		SIDE RAIL
251	0121L00948		BASE PAN-SUPPLY
261	0121L00722		BASE RAIL, ACCESSORY END
501	0121L00697		GAS VALVE PIPE BRACKET
511	B1910013		GAS LINE GROMMET
NS	0121L00723		BASE RAIL CORNER BRACE (QTY 4)
NS	0121L00721		BASE RAIL, CONDENSER END (QTY 2)
NS	0121L00625		BRACKET-COMPRESSOR RAIL (QTY 4)
NS	0121L00724		BRACKET-FORK BOARD (QTY 4)
NS	0121L00719		CONTROL SIDE BASE RAIL
NS	0141L00029		FORK BOARD (QTY 2)
NS	0121L00605		FORK BOARD PLATE
NS	0121L00321		SMOKE DETECTOR COVER

Expanded Model Nomenclature

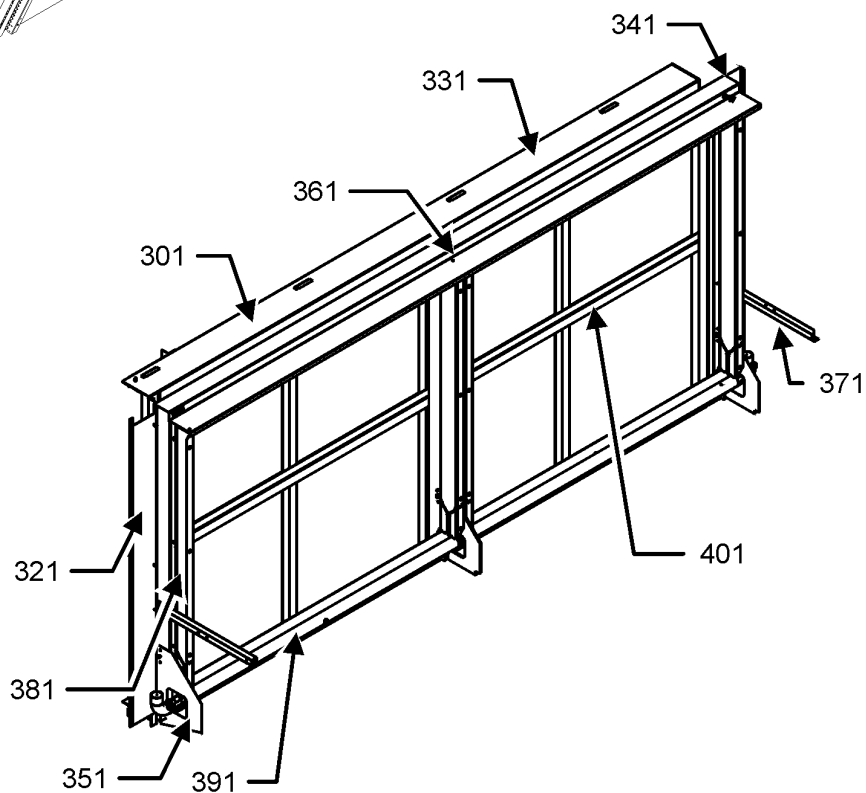
M1 - DBG3003SAA
M2 - DBG3003VAA
M3 - DBG3003VH00001SAA
M4 - DBG3004SAA
M5 - DBG3004VAA
M6 - DBG3004VH00001SAA
M7 - DBG3007SAA
M8 - DBG3007VAA
M9 - DBG3007VH00001SAA

Condenser and Evaporator Assembly

CONDENSER ASSEMBLY



EVAPORATOR ASSEMBLY



CONDENSER AND EVAPORATOR ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

Condenser and Evaporator Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
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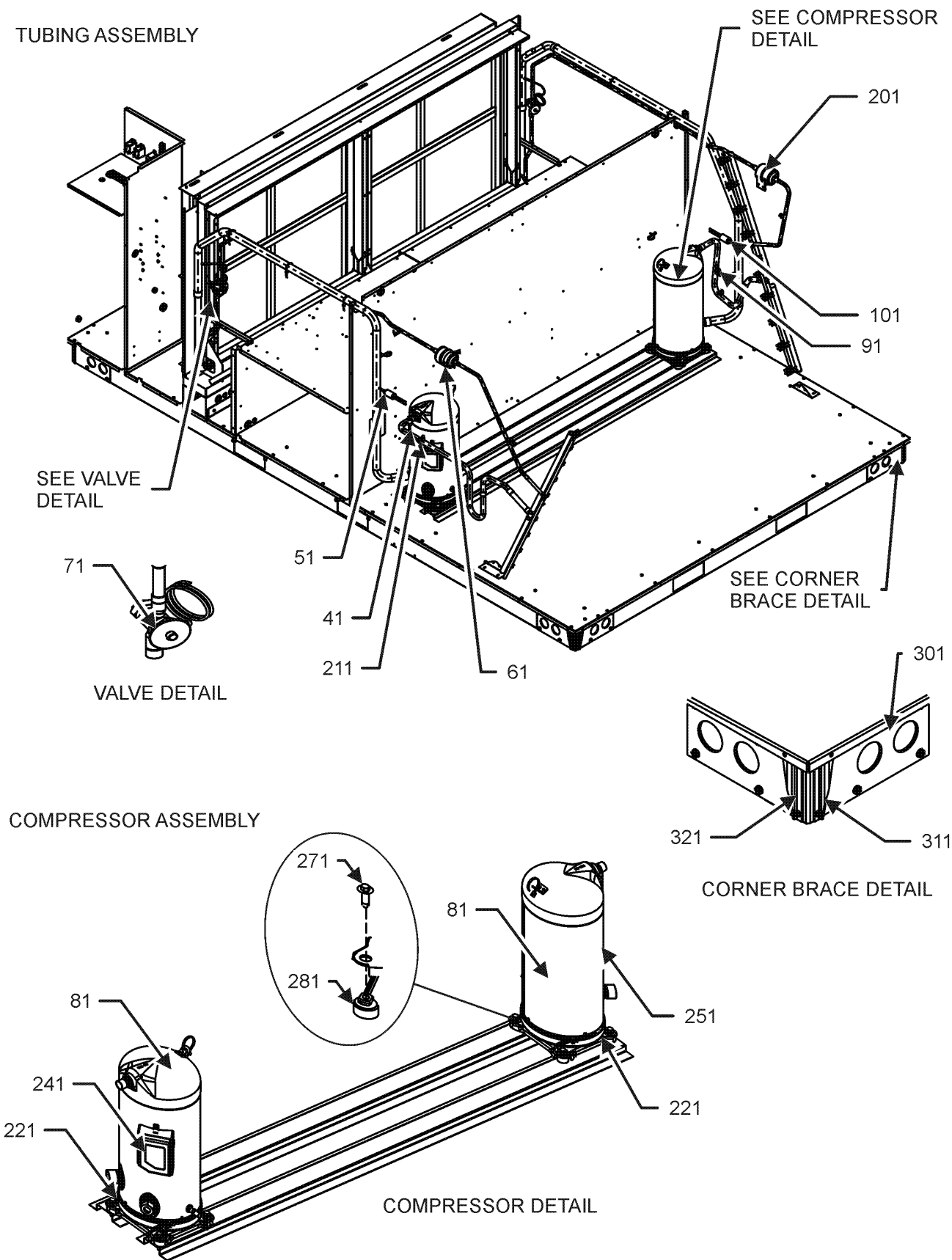
Image 1:

21	0201L00151	CONDENSER COIL ASSY C1
31	0201L00152	CONDENSER COIL ASSY C2
41	0121L01154	BRACKET, CONDENSER END C1
51	0121L01156	BRACKET, CONDENSER END C2
71	0121L01153	BRACKET, COND/POST C2
81	0121L01155	BRACKET, COND/POST C1
91	0121L00910	COVER-COIL CLEANING (QTY 2)
121	0121L00901	BRACE-COND COILS (QTY 2)
301	0202L00102	EVAP COIL ASSY C1
321	0121L01086	EVAP BLOCKOFF, RIGHT
331	0202L00103	EVAP COIL ASSY C2
341	0121L01085	EVAP BLOCKOFF, LEFT
351	0121L01133	END SUPPORT PLATE (QTY 2)
361	0121L01188	TOP FILTER RACK
371	0121L02259	EVAP COIL SUPPORT BRACKET (QTY 2)
381	0121L01184	ANGLE, FILTER RACK
391	0121L01187	BOTTOM FILTER RACK
401	0270L00614	CENTER FILTER RACK
NS	0160L00136	Air Filter 20x20x2 (QTY 8)
NS	0121L01178	ANGLED FILTER SLIDER (QTY 4)
NS	0121L01139	BOTTOM BLOCKOFF, FILTER RACK
NS	0121L01137	FILTER PULL (QTY 2)
NS	0121L00632	FILTER SUPPORT ANGLE
NS	0121L01089	MIDDLE EVAP BLOCKOFF, LEFT
NS	0121L01088	MIDDLE EVAP BLOCKOFF, RIGHT

Expanded Model Nomenclature

M1 - DBG3003SAA
M2 - DBG3003VAA
M3 - DBG3003VH00001SAA
M4 - DBG3004SAA
M5 - DBG3004VAA
M6 - DBG3004VH00001SAA
M7 - DBG3007SAA
M8 - DBG3007VAA
M9 - DBG3007VH00001SAA

Tubing and Compressor Assembly



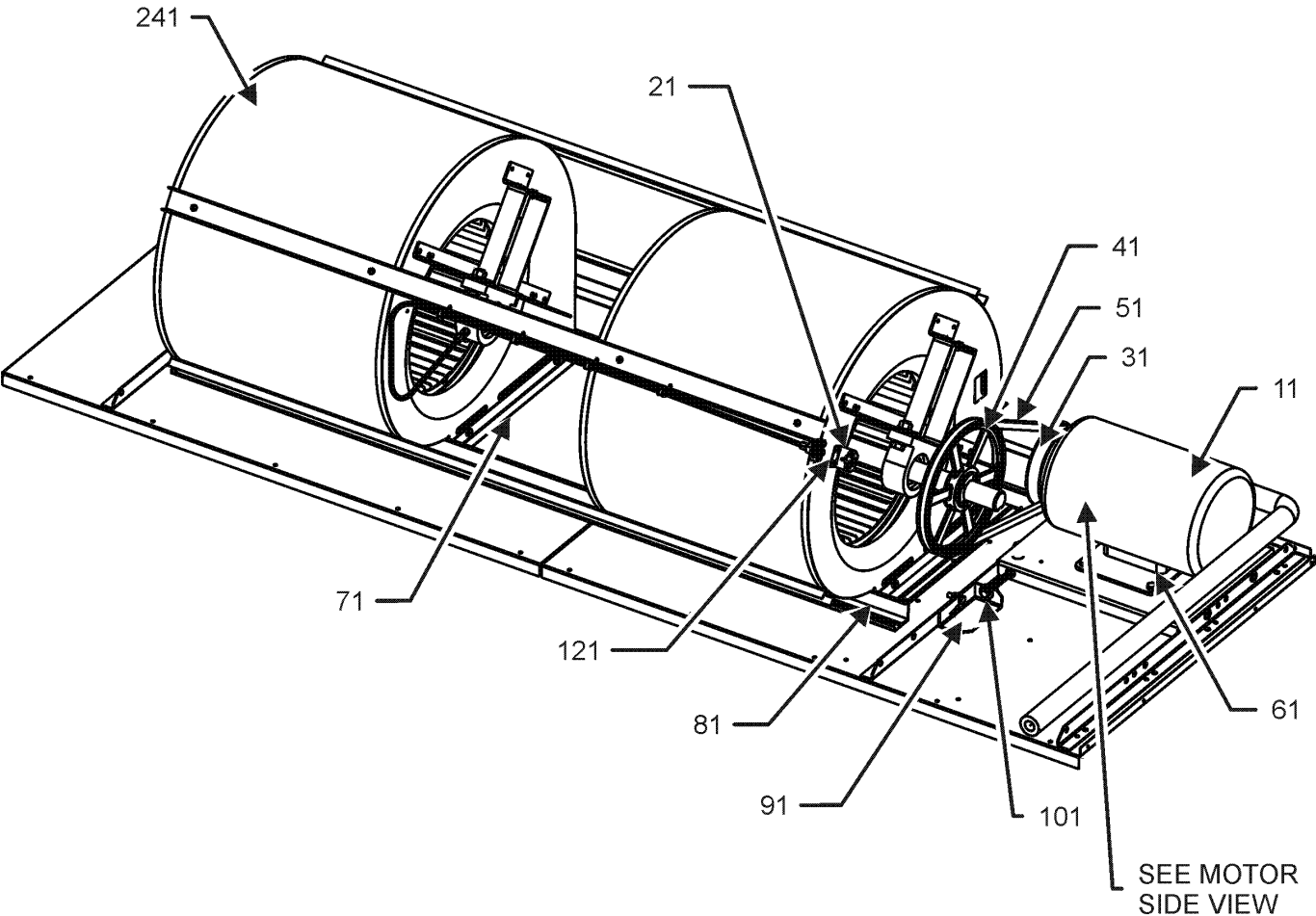
Tubing and Copmressor Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
41	0130M00074		CUT-OUT SWITCH, HIGH PRESSURE
51	0130M00087		CUT-OUT SWITCH, LOW PRESSURE
61	0162L00025		FILTER DRIER
71	0210L00470		TXV WELDMENT (QTY 2)
81	ZP137KCETFD155		COMP, 135,000, 460/60/3 (M4, M5, M6)
81	ZP137KCETFE155		COMP, 136,000, 575/60/3 (M7, M8, M9)
81	ZP137KCETF5250		COMP, 137000, 200/230/60/3 (M1, M2, M3)
91	0130M00074		CUT-OUT SWITCH, HIGH PRESSURE
101	0130M00087		CUT-OUT SWITCH, LOW PRESSURE
201	0162L00025		FILTER DRIER
211	B1787000		VALVE CORE C/CL/CU/CP (QTY 2)
221	0130L00020		CRANK CASE HEATER, 90W, 240V (M1, M2, M3)
221	0130L00021		CRANK CASE HEATER, 90W, 480V (M4, M5, M6)
221	0130L00022		CRANK CASE HEATER, 90W, 575V (M7, M8, M9)
241	0159L00061		COMPRESSOR SCROLL HARNESS (M1, M2, M3)
241	0159L00063		COMPRESSOR SCROLL HARNESS (M4, M5, M6, M7, M8, M9)
251	0159L00062		COMPRESSOR SCROLL HARNESS (M1, M2, M3)
251	0159L00064		COMPRESSOR SCROLL HARNESS (M4, M5, M6, M7, M8, M9)
261	0164M00018		GROMMET, COMPRESSOR (QTY 8)
271	B1393740		COMP BOLT & SLEEVE (QTY 8)
301	0121L00723		BRACE-CORNER RAILS (QTY 4)
311	0121L00616		ANGLE-RAIL BRACE, RIGHT (QTY 4)
321	0121L00617		ANGLE-RAIL BRACE, LEFT (QTY 4)
NS	0163M00175		CAP WITH O-RING (QTY 6)

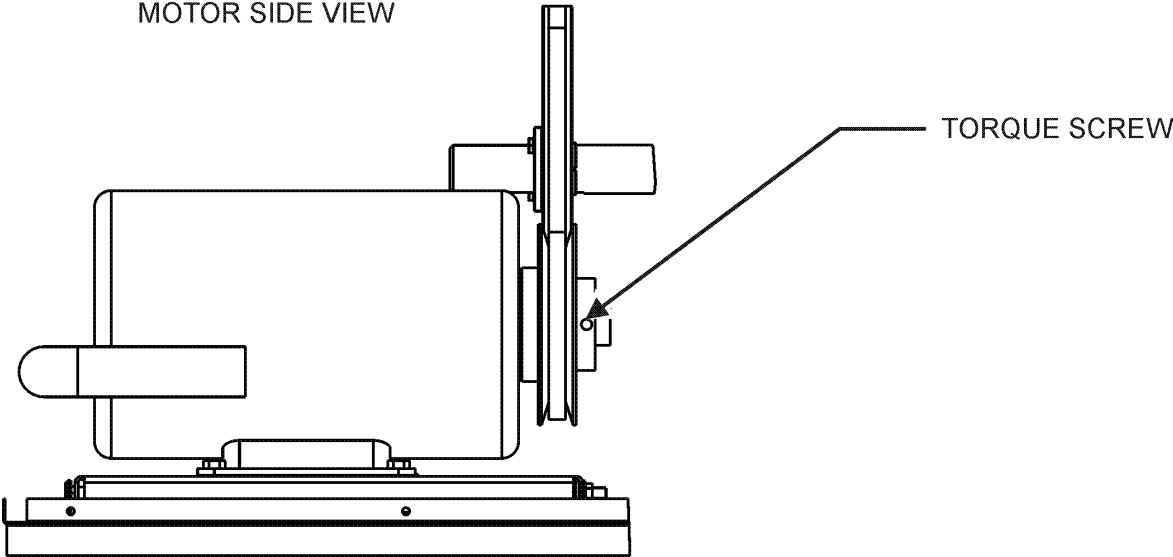
Expanded Model Nomenclature

M1 - DBG3003SAA
M2 - DBG3003VAA
M3 - DBG3003VH00001SAA
M4 - DBG3004SAA
M5 - DBG3004VAA
M6 - DBG3004VH00001SAA
M7 - DBG3007SAA
M8 - DBG3007VAA
M9 - DBG3007VH00001SAA

Blower Assembly



MOTOR SIDE VIEW



Blower Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
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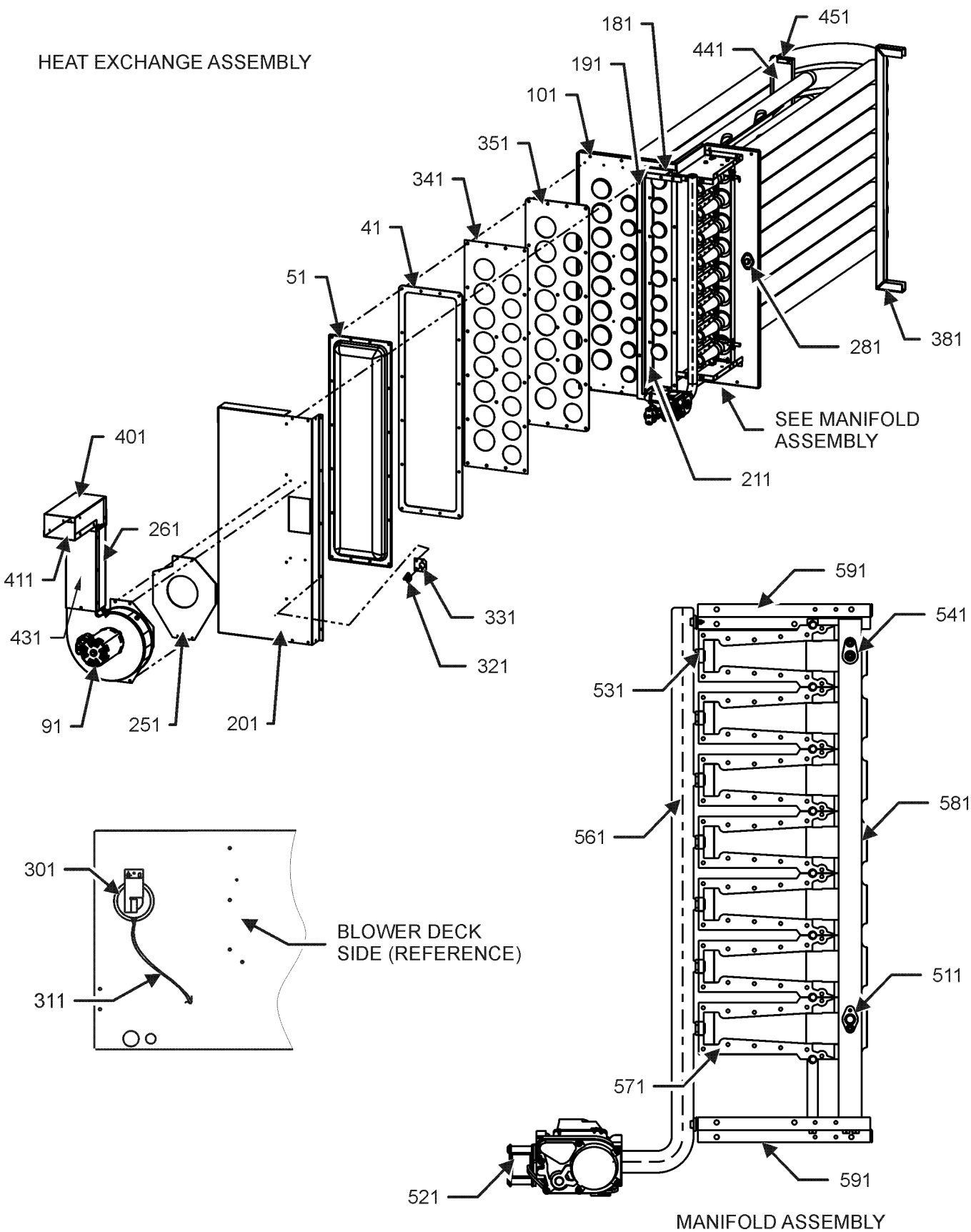
Image 1:

11	0131L00032	MOTOR, 7.5 HP BELT DRIVE 230V (M1, M2, M3)
11	0131L00033	MOTOR, 7.5 HP BELT DRIVE 460V (M4, M5, M6)
11	0131L00034	MOTOR, 7.5 HP BELT DRIVE 575V (M7, M8, M9)
21	0130M00064	LIMIT
31	0163L00068	VP SHEAVE
41	0163L00141	SHEAVE, FIXED BK110H (M2, M3, M5, M6, M8, M9)
41	0163L00140	SHEAVE, FIXED BK90H (M1, M4, M7)
51	0164L00004	FAN BELT-NOTCHED (M1, M4, M7)
51	0164L00013	FAN BELT-NOTCHED (M2, M3, M5, M6, M8, M9)
61	0121L01430	BASE, MOTOR
71	0121L00482	BLOWER SIDE ANGLE (QTY 4)
81	0121L00479	BLOWER RAIL (QTY 2)
91	0121L01429	BRACKET, DRIVE SCREW
101	0163M00351	BOLT, 3/8-16-6
121	0121L00594	SECONDARY LIMIT BRACKET
241	0271L00027	150-15R BD 1.44 TWIN BLOWER

Expanded Model Nomenclature

M1 - DBG3003SAA
 M2 - DBG3003VAA
 M3 - DBG3003VH00001SAA
 M4 - DBG3004SAA
 M5 - DBG3004VAA
 M6 - DBG3004VH00001SAA
 M7 - DBG3007SAA
 M8 - DBG3007VAA
 M9 - DBG3007VH00001SAA

Heat Exchange Assembly



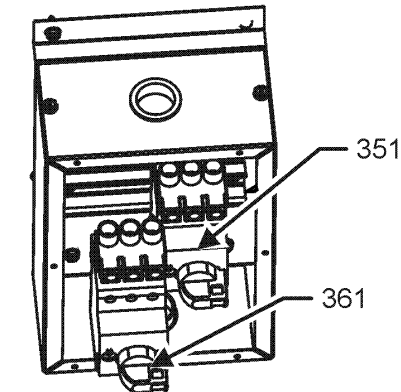
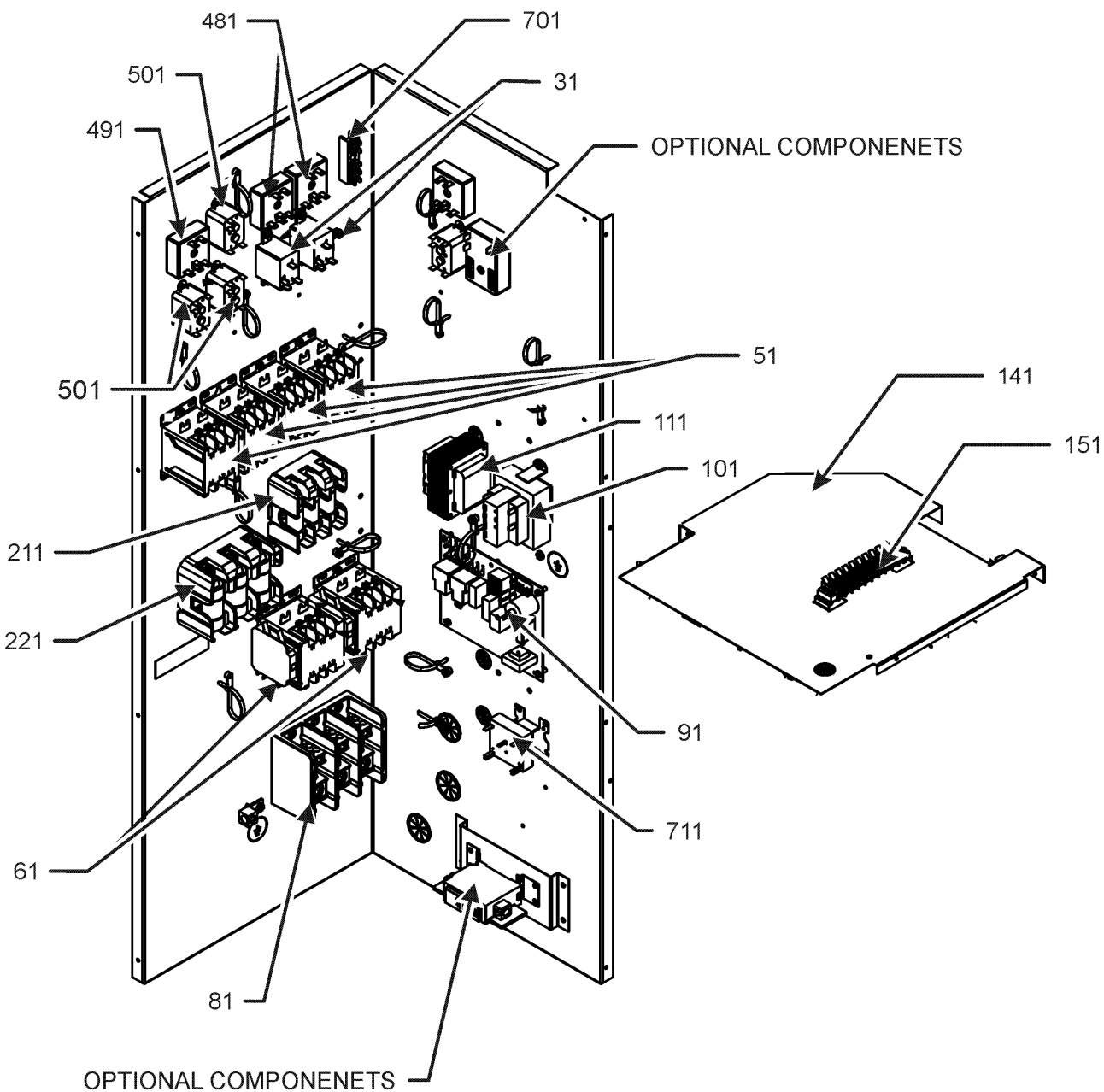
Heat Exchange Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
41	0154L00025		GASKET-COVER REAR 8
51	0121L00545		COVER-REAR 8 TUBE
91	0131L00014		MOTOR-ID VENT
101	0270L00186		PARTITION TUBE ASSY 8B
181	0154L00026		INNER COLLECTOR BOX GASKET
191	0154L00027		OUTER COLLECTOR BOX GASKET
201	0121L00550		COVER-COLLECTOR BOX 8
211	0121L00546		CHANNEL-COLLECTOR BOX 8
251	0154L00029		ID BLOWER GASKET
261	0121L00668		FLUE WRAPPER, BACK
281	0130M00063		PRIMARY LIMIT - GOLD 140°
301	11112501		PRESSURE SWITCH
311	A3468601		PRESSURE SWITCH HOSE
321	10123529		MANUAL RESET LIMIT
331	0121L00053		FLAME ROLLOUT BRACKET
341	0121L00548		PLATE-TUBE PANEL 8
351	0154L00028		GASKET-TUBE PANEL 8
381	0121L00930		SUPPORT-HEAT TUBES 2.25
401	0121L02100		FLUE-EXIT WRAPPER
411	0121L00671		FLUE COVER EXIT
431	0121L00669		FLUE COVER, FRONT
441	0121L00808		SUPPORT-HEAT TUBES 2.25
451	0121L00823		BRACKET-TUBE SUPPORT (QTY 2)
511	20261709		IGNITOR
521	0151M00015		VALVE, GAS (HW) VR83
531	0163L00014		ORIFICE (QTY 8)
541	0130F00010		FLAME SENSOR
561	0163L00033		MANIFOLD-GAS 8 BURNER
571	0163L00000		BECKETT BURNER (QTY 8)
581	0121L00635		BRACKET-8 BURNERS
591	0121G00268		BRACKET-BURNER TOP/BOT (QTY 2)
NS	0163L00040		FLUE SCREEN

Expanded Model Nomenclature

M1 - DBG3003SAA
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M4 - DBG3004SAA
M5 - DBG3004VAA
M6 - DBG3004VH00001SAA
M7 - DBG3007SAA
M8 - DBG3007VAA
M9 - DBG3007VH00001SAA

Control Box Assembly



CAPACITOR ASSEMBLY

Control Box Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

31	0130M00242	REALY, 24V (QTY 2)
51	CONT3P030024V	CONT, 3 POLE, 30 AMP, 24 VAC (QTY 4)
61	0130M00249	AUXILLARY SWITCH (QTY 2)
81	0130M00042	POWER BLOCK (M1, M2, M3, M4, M5, M6)
91	PCBAG123	IGNITION BOARD, DSI INTEGRATED
101	0130M00596	TRANS, 150VA, 480V TO 230V (M4, M5, M6)
101	0130M00597	TRANS, 150VA, 575V TO 230V (M7, M8, M9)
101	0130L00205	TRANSFORMER (M1, M2, M3)
111	0130L00206	TRANSFORMER (M4, M5, M6)
111	0130L00207	TRANSFORMER (M7, M8, M9)
141	0121L01281	HIGH VOLTAGE BARRIER
151	0130M00240	TERMINAL BOARD
211	0130M00246	FUSE BLOCK
221	0130M00247	FUSE BLOCK
351	0130L00083	ROTARY MANUAL MOTOR PROTECTOR (M4, M5, M6, M7, M8, M9)
351	0130L00085	ROTARY MANUAL MOTOR PROTECTOR (M1, M2, M3)
361	0130L00084	ROTARY MANUAL MOTOR PROTECTOR (M4, M5, M6, M7, M8, M9)
361	0130L00086	ROTARY MANUAL MOTOR PROTECTOR (M1, M2, M3)
481	0130M00263	RELAY, THERMISTOR (QTY 2)
491	0130M00264	RELAY, THERMISTOR
501	10135604	RELAY (QTY 3)
701	802007090	TERMINAL BOARD
711	0130M00025	RELAY, SPDT
NS	0121L01012	CIRCUIT BREAKER BOX
NS	0121L01011	CIRCUIT BREAKER BOX BRACKET
NS	0121L01013	CIRCUIT BREAKER BOX COVER
NS	0259L00190	CIRCUIT BREAKER HARNESS
NS	0130L00101	FUSE, J CLASS (QTY 3)
NS	0130L00102	FUSE, J CLASS (QTY 3)
NS	0259L00252	HARN, BC_BR_CCR, 2 SPD EM
NS	0259L00278	HARN, CH/LPS/HPS, C1
NS	0259L00279	HARN, CH/LPS/HPS, C2
NS	0259L00203	HARN, IGN SUB-ASSY 2, ECON PLF
NS	0259L00204	HARN, IGN, SUB-ASSY 1, IGN PLM
NS	0259L00229	HARN, PWR & CNTL, GAS
NS	0259L00199	HARN, PWR, PB TO FB
NS	0259L00217	HARNESS
NS	0259L00218	HARNESS
NS	0259L00222	HARNESS
NS	0259L00247	HARNESS, CC_CMC
NS	0259L00253	HARNESS, FREEZE STAT
NS	0259L00288	HARNESS, POWER, EM INTERCONN
NS	0259L00181	HARNESS-BELT DRIVE 2 SP MOTOR

Expanded Model Nomenclature

M1 - DBG3003SAA
M2 - DBG3003VAA
M3 - DBG3003VH00001SAA
M4 - DBG3004SAA
M5 - DBG3004VAA
M6 - DBG3004VH00001SAA
M7 - DBG3007SAA
M8 - DBG3007VAA
M9 - DBG3007VH00001SAA