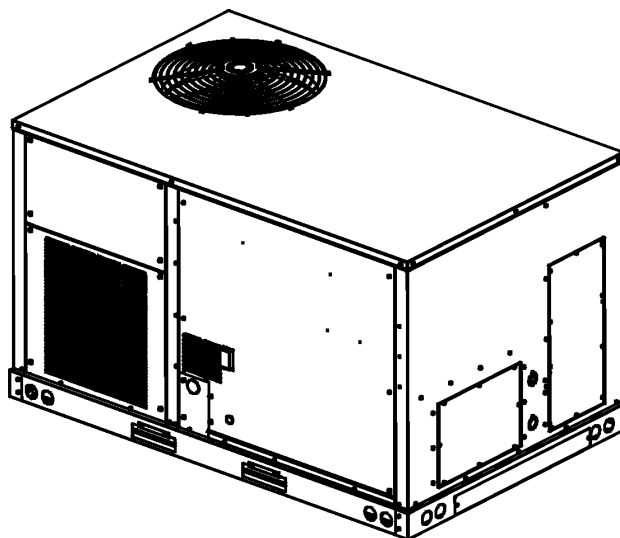


Commercial 5 Ton (DBG) Belt Drive Package Gas Unit

DBG0603BH00001SAA
DBG0603BL00001SAA
DBG0603BM00001SAA
DBG0604BH00001SAA
DBG0604BL00001SAA
DBG0604BM00001SAA
DBG0607BH00001SAA



This manual is to be used by qualified technicians only.

Important Information

Index

Functional Parts List	3
Illustration and Parts	4 - 15

Views shown are for parts illustrations only, not servicing procedures

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 Company, L.P. 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 Company, L.P. also recommends contacting an authorized technician and using authorized factory parts.

Daikin Company, L.P. 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 North America, LLC
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 North America, LLC
19001 Kermier Road
Waller, Texas 77484
713-861-2500-Telephone
713-863-2382-Facsimile

Functional Parts

Part

No: Description:

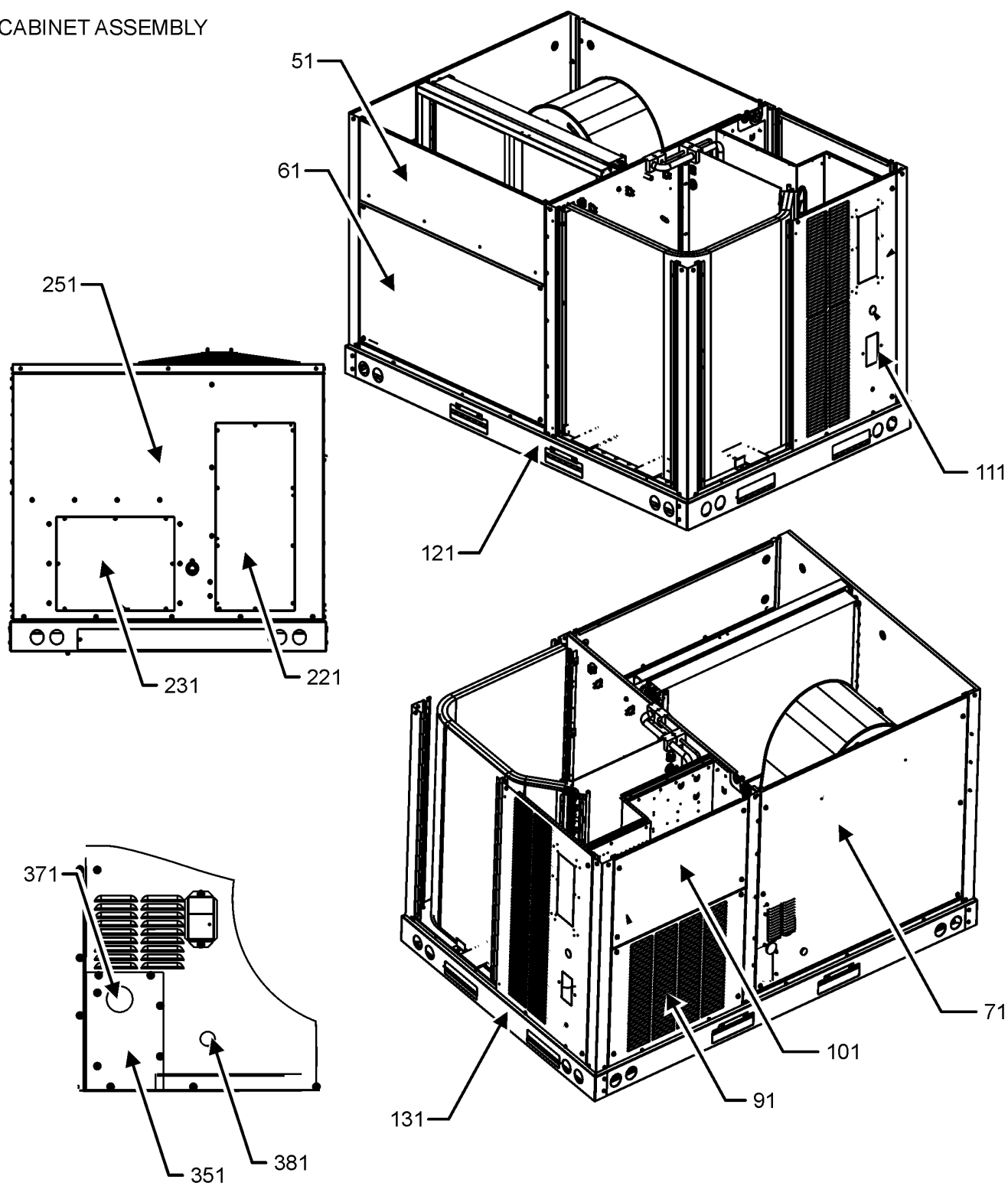
0163F00017	BECKETT BURNER (QTY 6)
B1368056	BLOWER WHEEL
CAP100000440LA	CAP 10 MFD/440V/OVAL (M4, M5, M6)
CAP100000370LA	CAP, 10 MFD/370V/OVAL (M1, M2, M3)
CAP050000440LA	CAPACITOR (M7)
ZP49K5ETFD130	COMP, 40700, 380/420/50/3 (M4, M5, M6)
ZP49K5ETF5130	COMP, 49000/208/230/60/3 (M1, M2, M3)
ZP49K5ETFE130	COMP, 49000/208/230/60/3 (M7)
CONT2P025024V	CONT 2 POLE 25 AMP 24 VAC
CONT3P025024V	CONT 3 POLE 25 AMP 24 VAC
CONT3P025024V	CONT 3 POLE 25 AMP 24 VAC
0150M00057	FAN BLADE 22"
0130F00010	FLAME SENSOR
0151F00000P	GAS VALVE - WHITE-RODGERS 2-STAGE
0130M00280	HIGH PRESSURE SWITCH
20261709	IGNITOR
20162904	LIMIT-BROWN
20162901	LIMIT-RED (M2, M3, M5, M6)
0130F00067	LIMIT-RED (M1, M4, M7)
10123532	LIMIT-RESET MAN-GRAY (M3, M6)
10123529	LIMIT-RESET MAN-GREEN (M1, M2, M4, M5, M7)
0130M00087	LOW PRESSURE SWITCH
0131L00079	MOTOR, 1 HP BELT DRIVE (M7)
0131L00067	MOTOR, 1 HP BELT DRIVE (M1, M2, M3, M4, M5, M6)
0131M00430	MOTOR, 1/3 HP, 1 SP, 6 PL (M1, M2, M3)
0131M00858	MOTOR, 1/3 HP, OD (M7)
0131M00774	MOTOR, 1/3 HP, OD (M4, M5, M6)
PCBAG123	PCB IGNITION DSI INTEG
11112501	SWITCH-PRESSURE
0130M00598	TRANSFMR 75VA 575V TO 24V (M7)
0130M00596	TRANSFMR, 150VA, 480V TO 23 (M4, M5, M6)
0130M00597	TRANSFMR, 150VA, 575V TO 230V (M7)
0130M00595	TRANSFORMER, 75VA, 480V TO 24V (M4, M5, M6)
B1141654	TRANSFORMER,208-240,75VA,RESET (M1, M2, M3)

Expanded Model Nomenclature

M1 - DBG0603BH00001SAA M2 - DBG0603BL00001SAA M3 - DBG0603BM00001SAA M4 - DBG0604BH00001SAA M5 - DBG0604BL00001SAA M6 - DBG0604BM00001SAA M7 - DBG0607BH00001SAA
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CABINET ASSEMBLY

CABINET ASSEMBLY



BURNER DOOR DETAIL

NOTE: CABINET ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

CABINET ASSEMBLY

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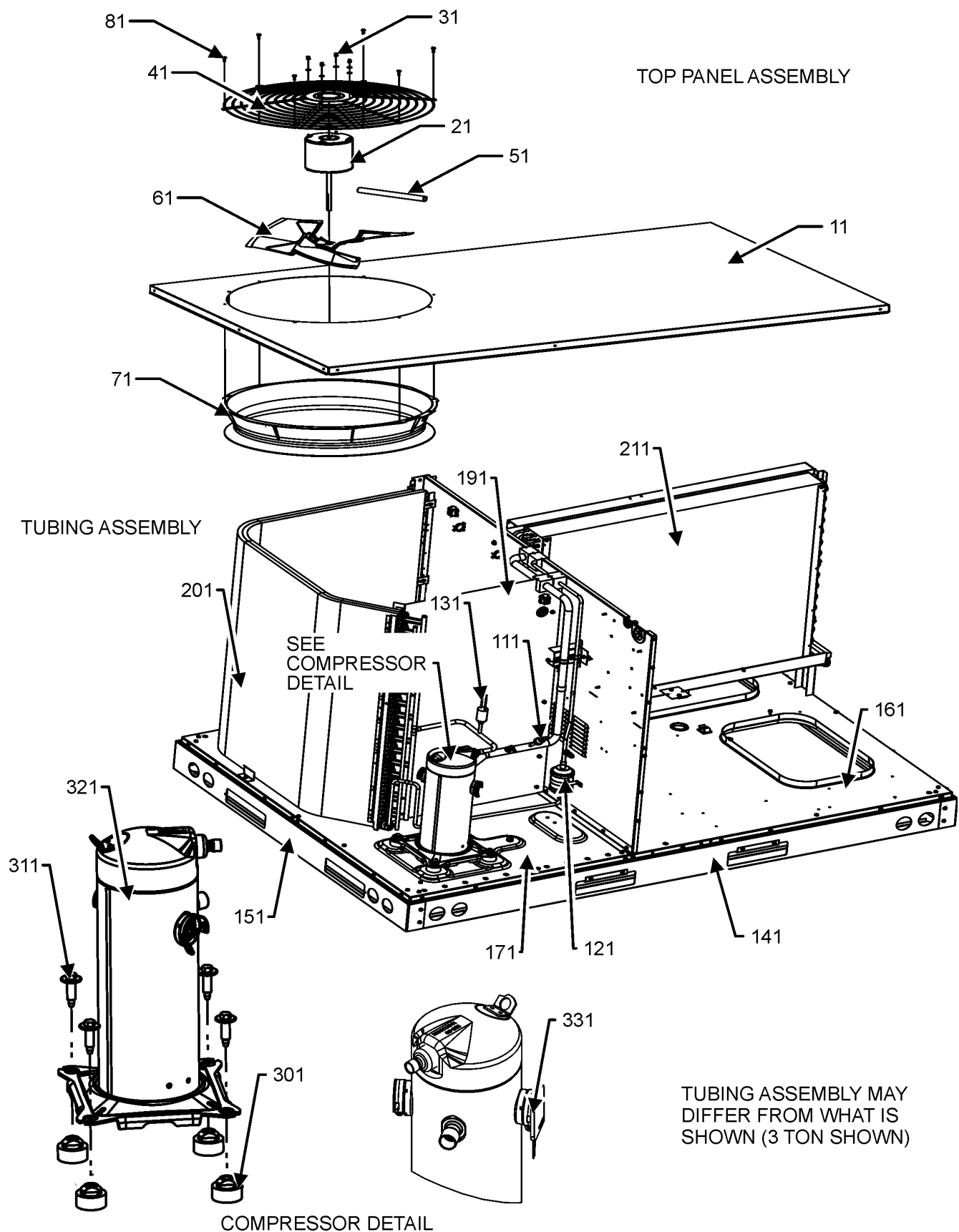
Image 1:

51	0121L01734SB	PAINTED FILTER PANEL
61	0121L01651SB	PAINTED ECONOMIZER PANEL
71	0121L03626SB	PAINTED PANEL GAS BLOWER
91	0121L02263SB	PAINTED COMPRESSOR PANEL
101	0121L02262SB	PAINTED CONTROL BOX PANEL
111	0121L03642SB	COMPRESSOR BACK PANEL
121	0121L01620	SIDE RAIL (QTY 2)
131	0121L01621	END RAIL (QTY 2)
221	0121L02910SB	PAINTED COVER-DUCT RETURN
231	0121L02911SB	PAINTED COVER-DUCT SUPPLY
251	0121L02996SB	PAINTED BACK PANEL
351	0121L03443SB	PAINTED, GAS INLET PANEL
371	B1910010	GROMMET, GAS LINE
381	B1392139	VIEW PORT BUSHING, CLEAR 1.0
NS	0121L03892	HEAT EXCHANGER FLASHING
NS	0121L03288SB	PAINTED, COLLAR, FLUE

Expanded Model Nomenclature

M1 - DBG0603BH00001SAA
M2 - DBG0603BL00001SAA
M3 - DBG0603BM00001SAA
M4 - DBG0604BH00001SAA
M5 - DBG0604BL00001SAA
M6 - DBG0604BM00001SAA
M7 - DBG0607BH00001SAA

TOP PANEL AND TUBING ASSEMBLY



TOP PANEL AND TUBING ASSEMBLY

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

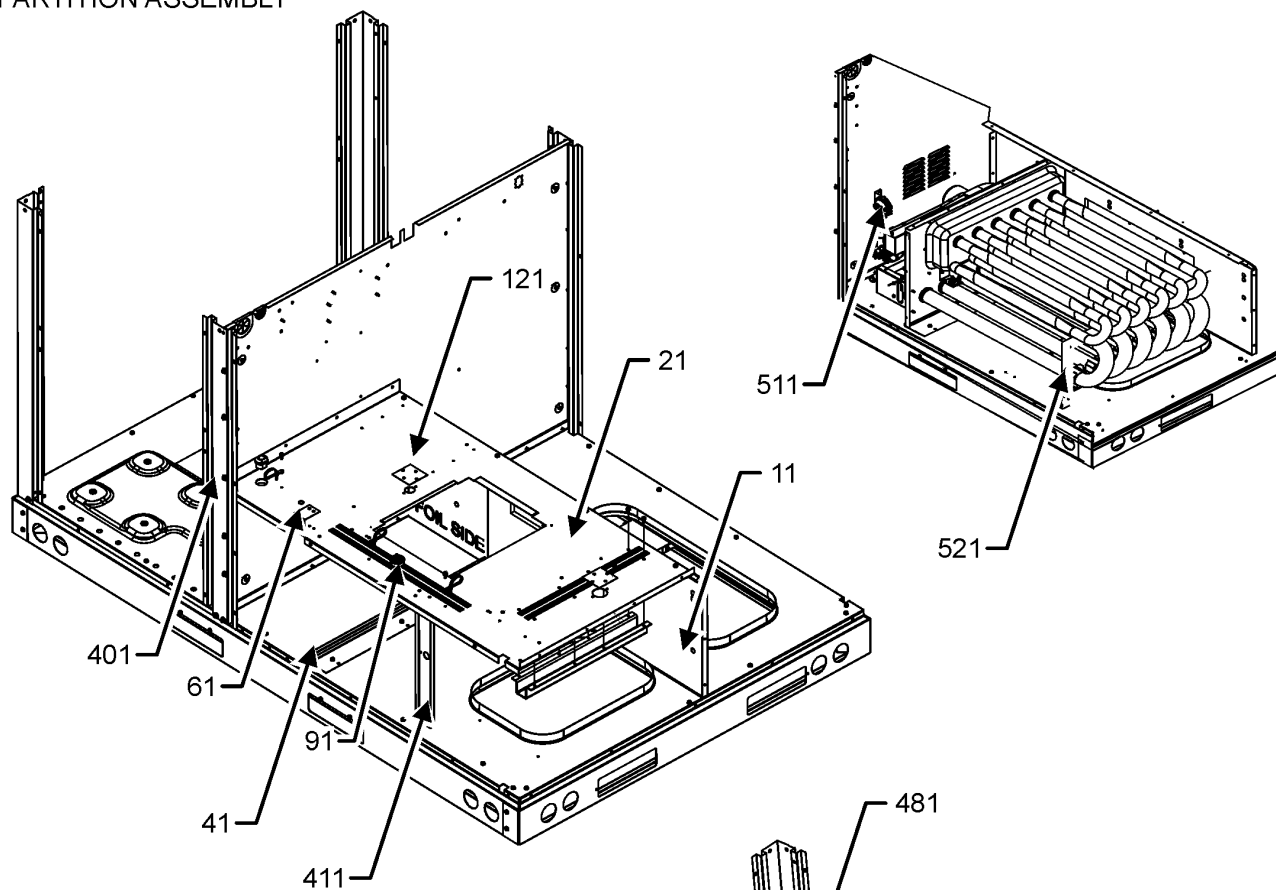
11	0121L01626SB	PAINTED, TOP PANEL
21	0131M00430	MOTOR, 1/3 HP, 1 SP, 6 PL (M1, M2, M3)
21	0131M00774	MOTOR, 1/3 HP, OD (M4, M5, M6)
21	0131M00858	MOTOR, 1/3 HP, OD (M7)
31	0163M00006P	ACORN NUT 5/16 HEX BLACK (QTY 4)
41	0152G00000	FAN GRILLE, RAISED
51	0161R00003P	CONDUIT
61	0150M00057	FAN BLADE 22"
71	0161L00000	RING VENTURI 22
81	0163M00004	SCREW #10X3/4", BLACK (QTY 2)
111	0130M00087	LOW PRESSURE SWITCH
121	20485201	FILTER/DRIER-BI-FLOW
131	0130M00280	HIGH PRESSURE SWITCH
141	0121L01620	SMALL SIDE RAIL (QTY 2)
151	0121L01621	SMALL END RAIL (QTY 2)
161	0121L01623	INDOOR BASEPAN
171	0121L01622	OUTDOOR BASEPAN
191	0121L03064	BLOCKOFF, OD COIL
201	0201L00572	ASSY. OD COIL TUBING
211	0202L00355	ASSY. EVAP TUBING
301	B1339533	COMPRESSOR GROMMET (QTY 4)
311	B1393740	COMP BOLT & SLEEVE (QTY 4)
321	ZP49K5ETFD130	COMP, 40700, 380/420/50/3 (M4, M5, M6)
321	ZP49K5ETF5130	COMP, 49000/208/230/60/3 (M1, M2, M3)
321	ZP49K5ETFE130	COMP, 49000/208/230/60/3 (M7)
331	0159L00065	HARNESS, COMP SCROLL
NS	0141L00003X	BOARD-FORK (QTY 2)
NS	0121L03516	PNL, BRACKET, FORK BOARD (QTY 4)
NS	0163M00005P	WASHER, BLACK (.50 OD .218ID) (QTY 4)

Expanded Model Nomenclature

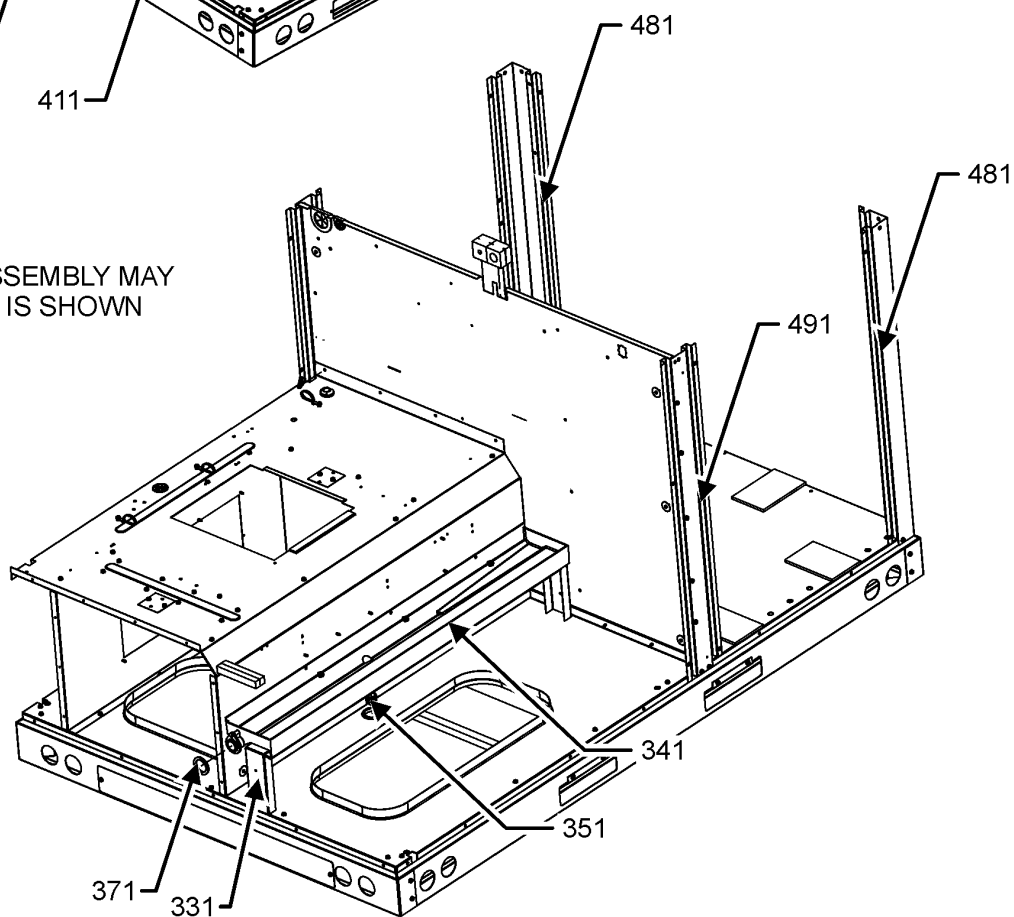
M1 - DBG0603BH00001SAA
M2 - DBG0603BL00001SAA
M3 - DBG0603BM00001SAA
M4 - DBG0604BH00001SAA
M5 - DBG0604BL00001SAA
M6 - DBG0604BM00001SAA
M7 - DBG0607BH00001SAA

PARTITION ASSEMBLY

PARTITION ASSEMBLY



NOTE: PARTITION ASSEMBLY MAY
DIFFER FROM WHAT IS SHOWN



PARTITION ASSEMBLY

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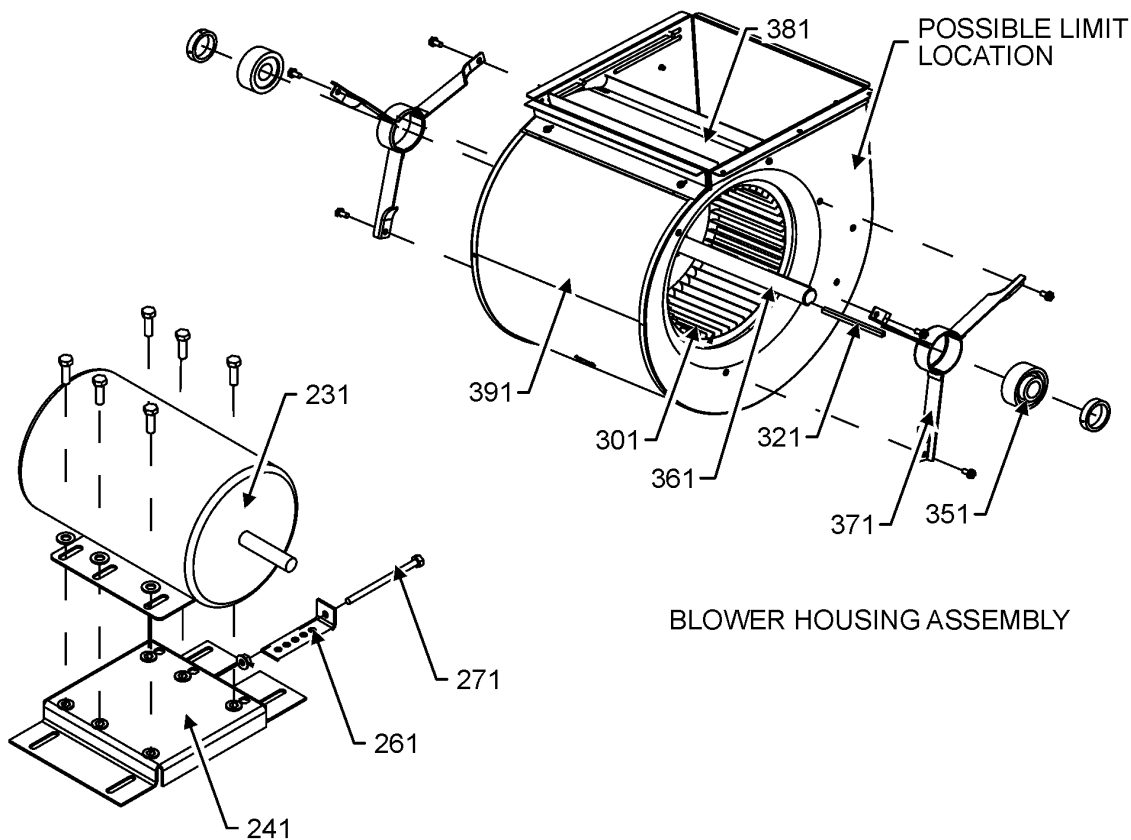
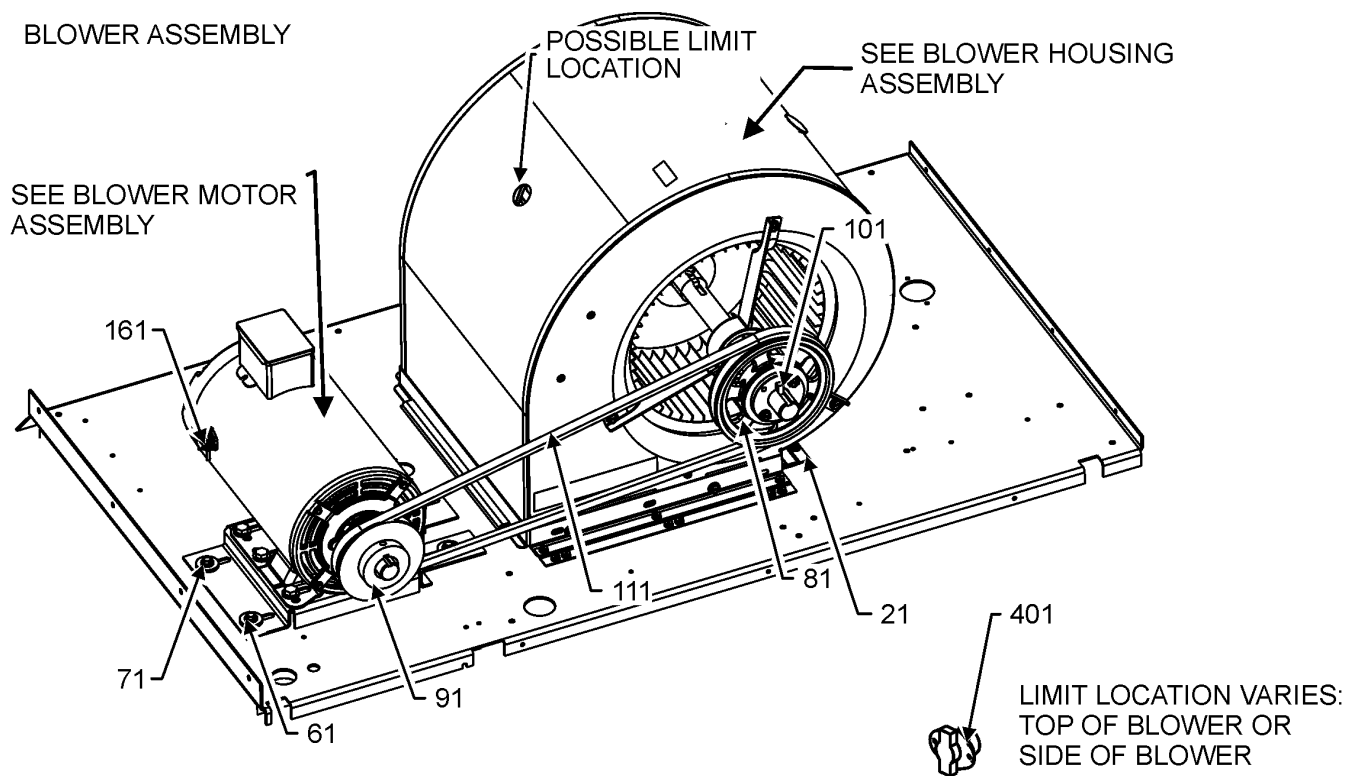
Image 1:

11	0121L02584	BLOWER DECK SIDE
21	0121L03869	BLOWER DECK
41	0121L00266	CHANNEL-HEAT PANEL (QTY 2)
61	0121L01709	BLOWER DECK PLATE
91	B1392147	UNIVERSIAL BUSHING WITH SLICE (QTY 2)
121	0121L00321	COVER-SMOKE DETECTOR (QTY 2)
331	0121L02985	DRAINPAN SUPPORT
341	0161L00007	DRAIN PAN, EVAPORATOR 3-5 TON
351	0163L00071	PLUG, DRAIN
371	0154L00180	GASKET, DRAIN PAN
401	0121L03442SB	PAINTED SIDE POST
411	0121L00300	POST-DECK SUPPORT
481	0121L01728SB	PAINTED CORNER POST (QTY 2)
491	0121L03442SB	PAINTED, SIDE POST
511	11112501	SWITCH-PRESSURE
521	0121L03320	BRACKET, TUBE SUPPORT
NS	0160L00137	AIR FILTER 20X25X2 (QTY 2)
NS	0121L00293	ANGLE-HEAT EXCHANGER BACK (QTY 2)
NS	0121L03125	BRACKET, TUBE (QTY 6)
NS	0121L02935	BRACKET, TUBE SUPPORT
NS	A4568804	GROMMET-D
NS	0164G00005	GROMMET-HORSESHOW 1.675
NS	0121L03127	HORIZONTAL SUPPORT (QTY 2)
NS	0121L01954	OD COIL BLOCKOFF ANGLE
NS	0121L03008	SIDE SUPPORT (QTY 2)

Expanded Model Nomenclature

M1 - DBG0603BH00001SAA
M2 - DBG0603BL00001SAA
M3 - DBG0603BM00001SAA
M4 - DBG0604BH00001SAA
M5 - DBG0604BL00001SAA
M6 - DBG0604BM00001SAA
M7 - DBG0607BH00001SAA

BLOWER ASSEMBLY



BLOWER MOTOR ASSEMBLY

BLOWER ASSEMBLY

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
21	0121L00297		ANGLE-BLOWER SLIDE
61	B1393738		BOLT, 1/4-20X3/4 (QTY 8)
71	B1392918		WASHER, FLAT 1/4IDX1OD (QTY 4)
81	0163L00136		SHEAVE, FIXED AK59H
91	0163L00012		VARIABLE PITCH SHEAVE1VL40X7/8
101	0163M00407		MACHINE KEY, SPECIAL
111	0164L00000		FAN BELT, NOTCHED AX51
161	B1393726		ELECT CONNECTING BUSHING
231	0131L00067		MOTOR, 1 HP BELT DRIVE (M1, M2, M3, M4, M5, M6)
231	0131L00079		MOTOR, 1 HP BELT DRIVE (M7)
241	0121L03915		MOTOR BASE
261	3225000F		ANGLE, BELT TIGHTENER
271	0163M00045		BOLT 1/4-20X4
301	B1368056		BLOWER WHEEL
321	B1398603		STEEL KEY 4.5"
351	0163L00247		BEARING BALL, MOUNTED (QTY 2)
361	0163L00005		SHAFT-BLOWER BELT DRIVE
371	B3201300		MOUNTING BRACKET BEARING (QTY 2)
381	1864703		BLOWER CUT-OFF ASM,5TON,MORRIS
391	2539302F		BLWR SHL ASSM 11X10 1X10
401	20162904		LIMIT-BROWN
NS	0121L03918		ANGLE-BLOWER MOUNT
NS	0121L02974		BLOWER SLIDE PLAE
NS	0121L00050		BRACET-BLOWRE MTG
NS	0163L00131		BUSHING 1"
NS	B1446707		SCREW 5/16-18X1 (QTY 6)
NS	B1392923		WASHER/FLAT (QTY 6)

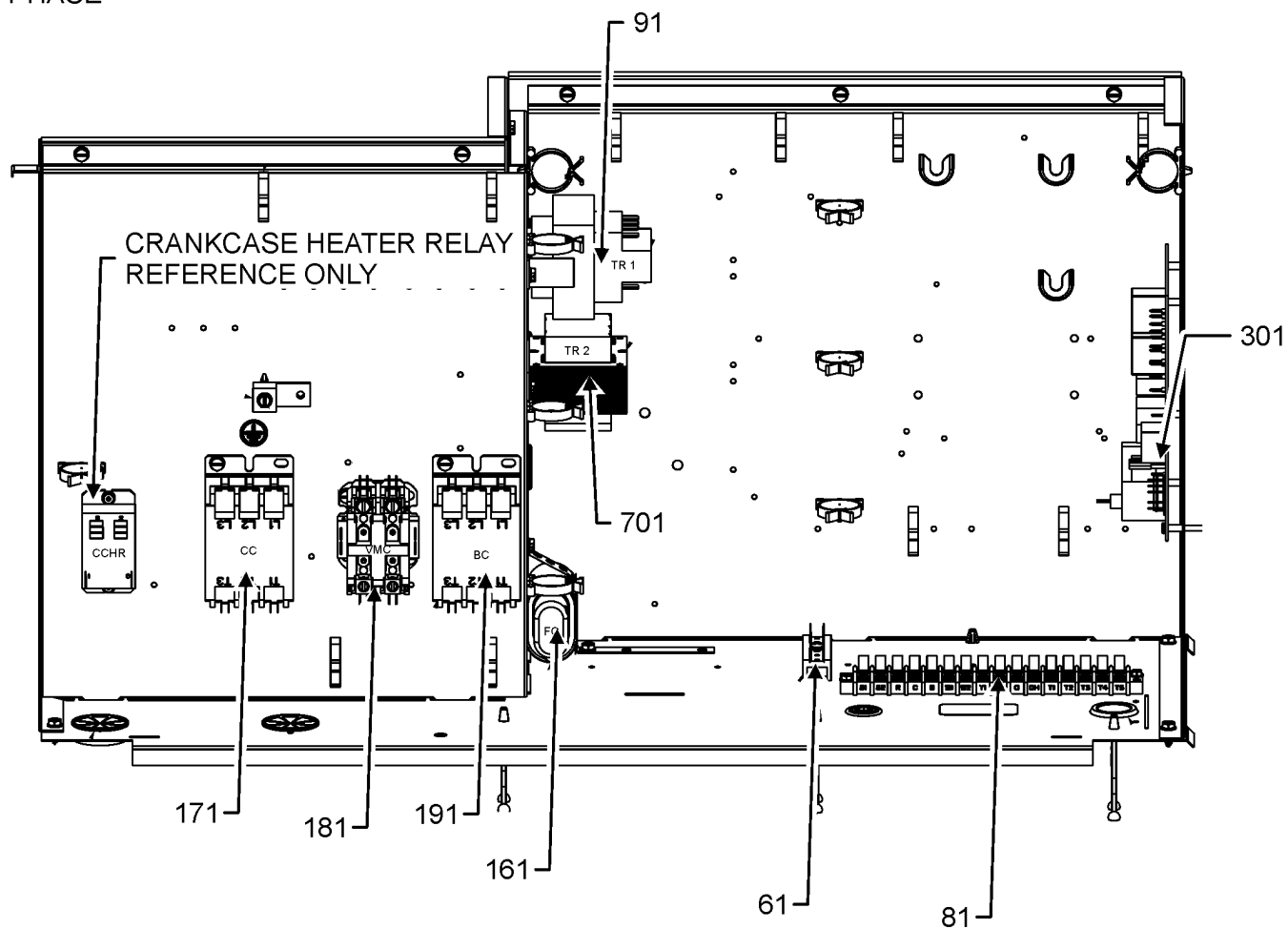
Expanded Model Nomenclature

M1 - DBG0603BH00001SAA
M2 - DBG0603BL00001SAA
M3 - DBG0603BM00001SAA
M4 - DBG0604BH00001SAA
M5 - DBG0604BL00001SAA
M6 - DBG0604BM00001SAA
M7 - DBG0607BH00001SAA

CONTROL BOX ASSEMBLY

CONTROL BOX ASSEMBLY

3 PHASE



CONTROL BOX ASSEMBLY

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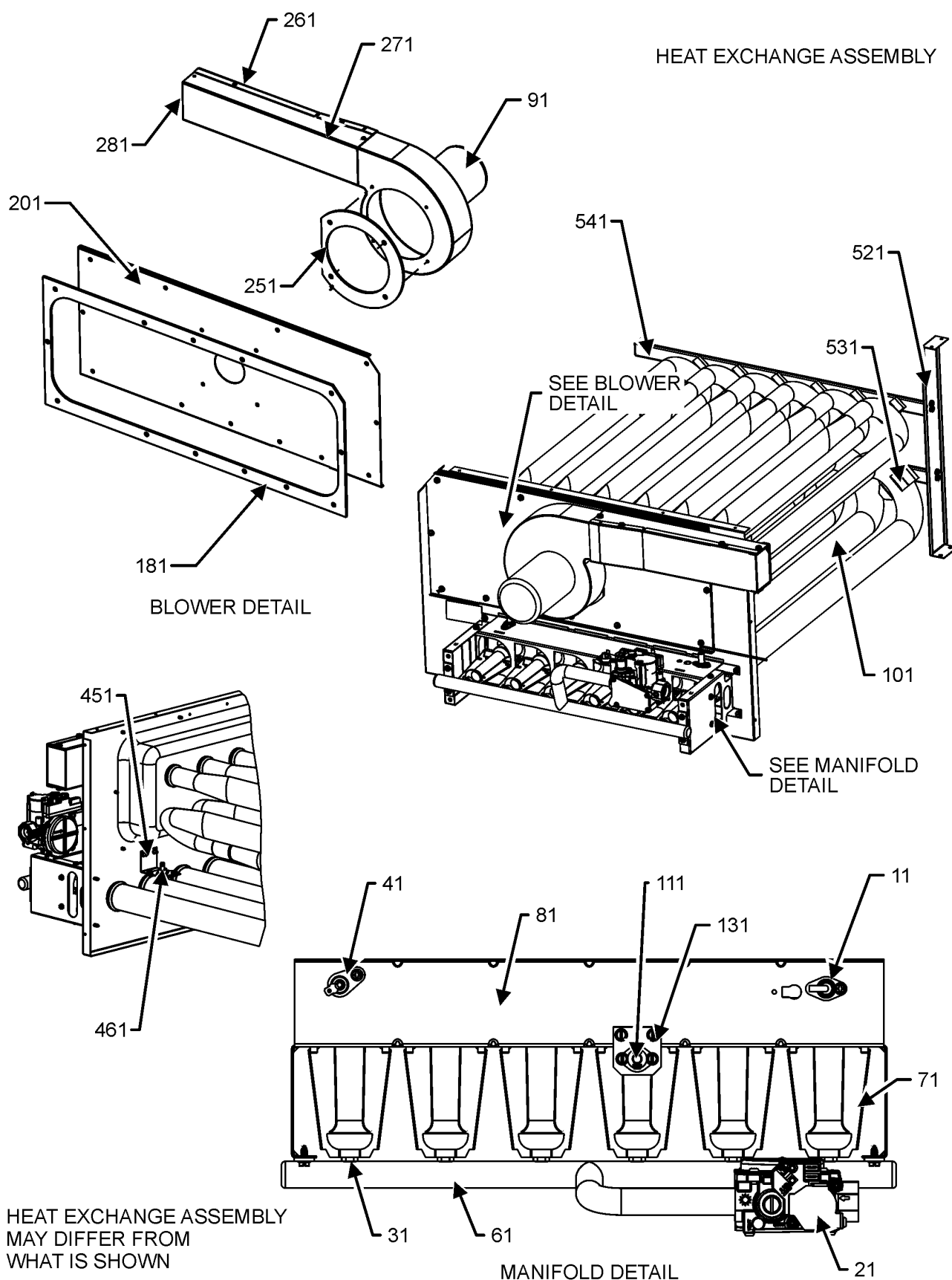
Image 1:

61	802007090	TERM BOARD
81	0130M00038	TERMINAL BOARD
91	0130M00598	TRANSFMR 75VA 575V TO 24V (M7)
91	0130M00595	TRANSFORMER, 75VA, 480V TO 24V (M4, M5, M6)
91	B1141654	TRANSFORMER,208-240,75VA,RESET (M1, M2,
161	CAP100000440LA	CAP 10 MFD/440V/OVAL (M4, M5, M6)
161	CAP100000370LA	CAP, 10 MFD/370V/OVAL (M1, M2, M3)
161	CAP050000440LA	CAPACITOR (M7)
171	CONT3P025024V	CONT 3 POLE 25 AMP 24 VAC
181	CONT2P025024V	CONT 2 POLE 25 AMP 24 VAC
191	CONT3P025024V	CONT 3 POLE 25 AMP 24 VAC
301	PCBAG123	PCB IGNITION DSI INTEG
701	0130M00596	TRANSFMR, 150 VA, 480V TO 23 (M4, M5, M6)
701	0130M00597	TRANSFMR, 150 VA, 575V TO 230V (M7)
NS	B821700	BOOT, CAPACITOR
NS	20520901	STRAP-CAPACITOR
NS	0259L00533	WIRE HARNESS
NS	0259L00624	WIRE HARNESS
NS	0259L00625	WIRE HARNESS
NS	0259L00628	WIRE HARNESS
NS	0259L00860	WIRE HARNESS
NS	0259L01391	WIRE HARNESS
NS	0259L01392	WIRE HARNESS

Expanded Model Nomenclature

M1 - DBG0603BH00001SAA
M2 - DBG0603BL00001SAA
M3 - DBG0603BM00001SAA
M4 - DBG0604BH00001SAA
M5 - DBG0604BL00001SAA
M6 - DBG0604BM00001SAA
M7 - DBG0607BH00001SAA

HEAT EXCHANGE ASSEMBLY



HEAT EXCHANGE ASSEMBLY

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

11	20261709	IGNITOR
21	0151F00000P	GAS VALVE - WHITE-RODGERS 2-STAGE
31	0163F00018	ORIFICE, #43 DRILL, Green (QTY 6)
41	0130F00010	FLAME SENSOR
61	0163L00026	MANIFOLD-GAS 4 BURNER (M2, M5)
61	0163L00029	MANIFOLD-GAS, 5 BURNER (M3, M6)
61	0163L00025	MANIFOLD-GAS, 6 BURNER (M1, M4, M7)
71	0163F00017	BECKETT BURNER (QTY 6)
81	0121L01362	BRACKET, BURNER 5 (M3, M6)
81	0121L01363	BRACKET, BURNER 6 (M1, M4, M7)
81	0121L02675	BURNER BRACKET-4 (M2, M5)
91	0131M00121	BLOWER-ID COMBUSTION (M2, M3, M5, M6)
91	0131L00002	VENT MOTOR (M1, M4, M7)
101	0270L01362	ASSY, PANEL, PARTITION/TUBE, 4 (M2, M5)
101	0270L01361	ASSY, PANEL, PARTITION/TUBE, 5 (M3, M6)
101	0270L01360	ASSY, PANEL, PARTITION/TUBE, 6 (M1, M4, M7)
111	10123532	LIMIT-RESET MAN-GRAY (M3, M6)
111	10123529	LIMIT-RESET MAN-GREEN (M1, M2, M4, M5, M7)
131	0121L00053	BRACKET-FLAME ROLLOUT
181	0154L00018	GASKET-ID BLOWER PLATE 2,4 (M2, M5)
181	0154L00017	GASKET-ID BLOWER PLATE 6 (M1, M3, M4, M6, M7)
201	0121L03745	PLATE, ID BLOWER (M3, M6)
201	0121L03774	PLATE, ID BLOWER (M1, M4, M7)
201	0121L03569	PLATE, ID BLOWER (M2, M5)
251	0154L00007	GASKET-BLOWER/ORIFICE PLATE (M1, M4, M7)
251	0154L00020	GASKET-ID BLOWER (M2, M3, M5, M6)
261	0121L00277	FLUE-CHANNEL (M2, M3, M5, M6)
271	0121L00278	FLUE-SIDE COVER (M2, M3, M5, M6)
281	0163L00072	SCREEN-FLUE
451	0121L03670	BRACKET, PRIMARY LIMIT
461	0130F00067	LIMIT-RED (M1, M4, M7)
461	20162901	LIMIT-RED (M2, M3, M5, M6)
521	0121L03320	BRACKET, TUBE SUPPORT
531	0121L03125	BRACKET, TUBE (QTY 6)
541	0121L02935	BRACKET, SUPPORT, TUBE
NS	0121F00467	ORIFICE BRACKET-BURNER 4 (M2, M5)
NS	0121F00466	ORIFICE BRACKET-BURNER 5 (M3, M6)
NS	0121F00465	ORIFICE BRACKET-BURNER 6 (M1, M4, M7)

Expanded Model Nomenclature

M1 - DBG0603BH00001SAA
M2 - DBG0603BL00001SAA
M3 - DBG0603BM00001SAA
M4 - DBG0604BH00001SAA
M5 - DBG0604BL00001SAA
M6 - DBG0604BM00001SAA
M7 - DBG0607BH00001SAA