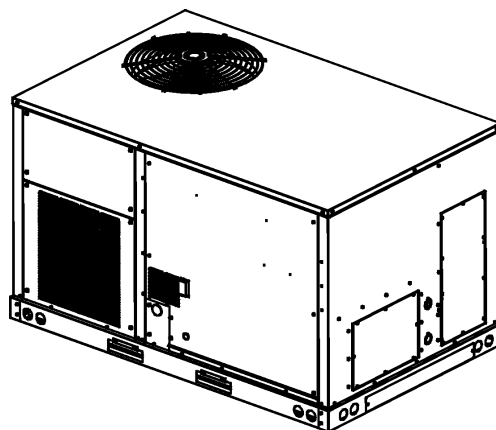


Commercial 5 Ton (DBG) High Static Belt Drive Package Gas Unit

DBG0603CH00001FAA
DBG0603CL00001FAA
DBG0603CM00001FAA
DBG0604CH00001FAA
DBG0604CL00001FAA
DBG0604CM00001FAA
DBG0607CH00001FAA



This manual is to be used by qualified technicians only.

Important Information

Index

Functional Parts List	3
Illustration and Parts	4 - 17

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

August 2023 - added filter rack assembly part

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)
ZP49K5ETFE130	COMP, 49000/208/230/60/3 (M7)
ZP49K5ETF5130	COMP, 49000/208/230/60/3 (M1, M2, M3)
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
0130F00071	LIMIT SWITCH (M3, M6)
20162904	LIMIT-BROWN
20162901	LIMIT-RED (M2, M5)
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
B3240006	MOTOR 2HP (M1, M2, M3, M4, M5, M6)
0131M00430	MOTOR, 1/3 HP, 1 SP, 6 PL (M1, M2, M3)
0131M00774	MOTOR, 1/3 HP, OD (M4, M5, M6)
0131M00858	MOTOR, 1/3 HP, OD (M7)
0131L00005	MOTOR-2 HP BELT DRIVE 575 V (M7)
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)

SPECIAL PARTS

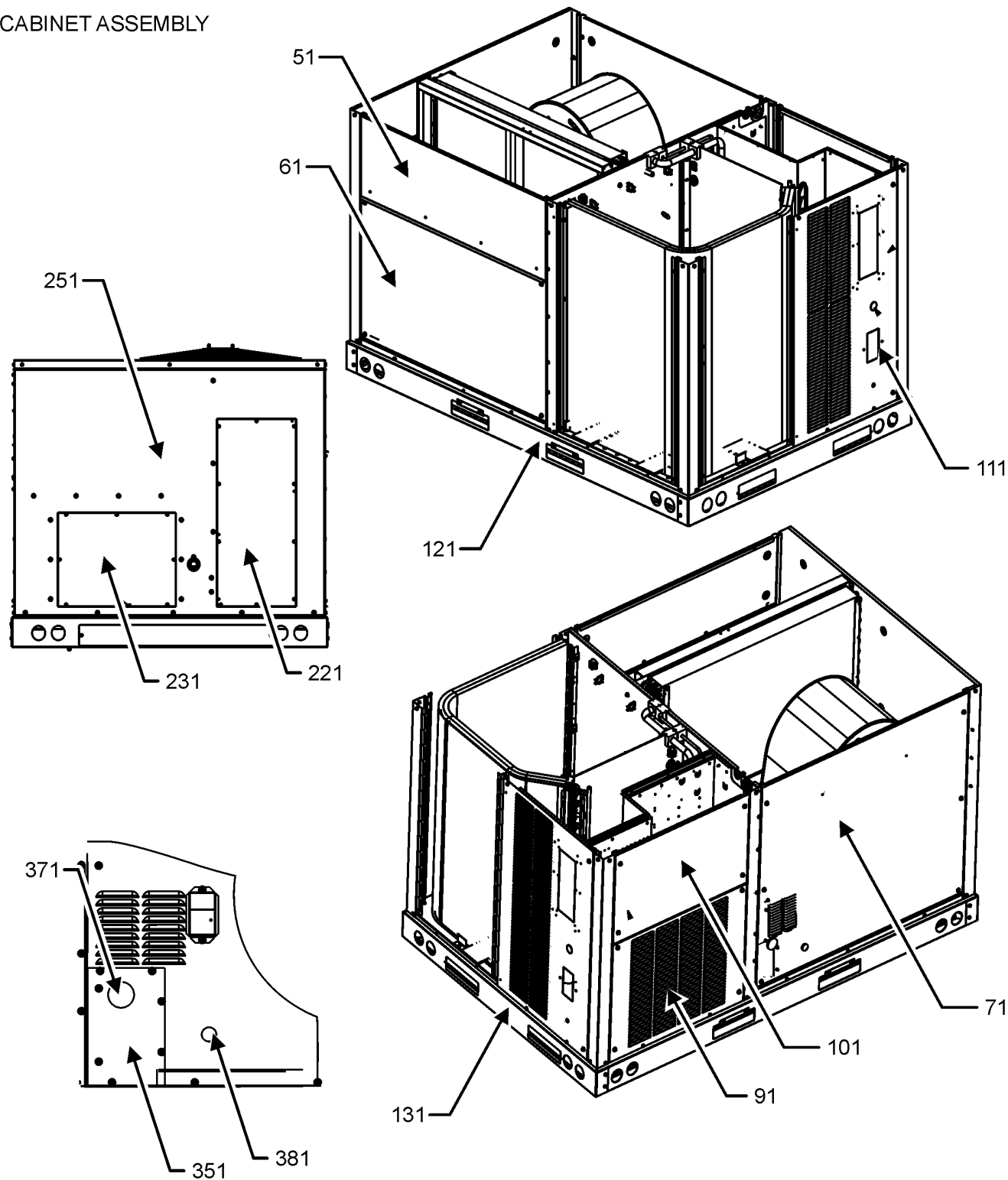
RP-FIOPSC* ACCESSORY PART MANUAL

Expanded Model Nomenclature

M1 - DBG0603CH00001FAA
M2 - DBG0603CL00001FAA
M3 - DBG0603CM00001FAA
M4 - DBG0604CH00001FAA
M5 - DBG0604CL00001FAA
M6 - DBG0604CM00001FAA
M7 - DBG0607CH00001FAA

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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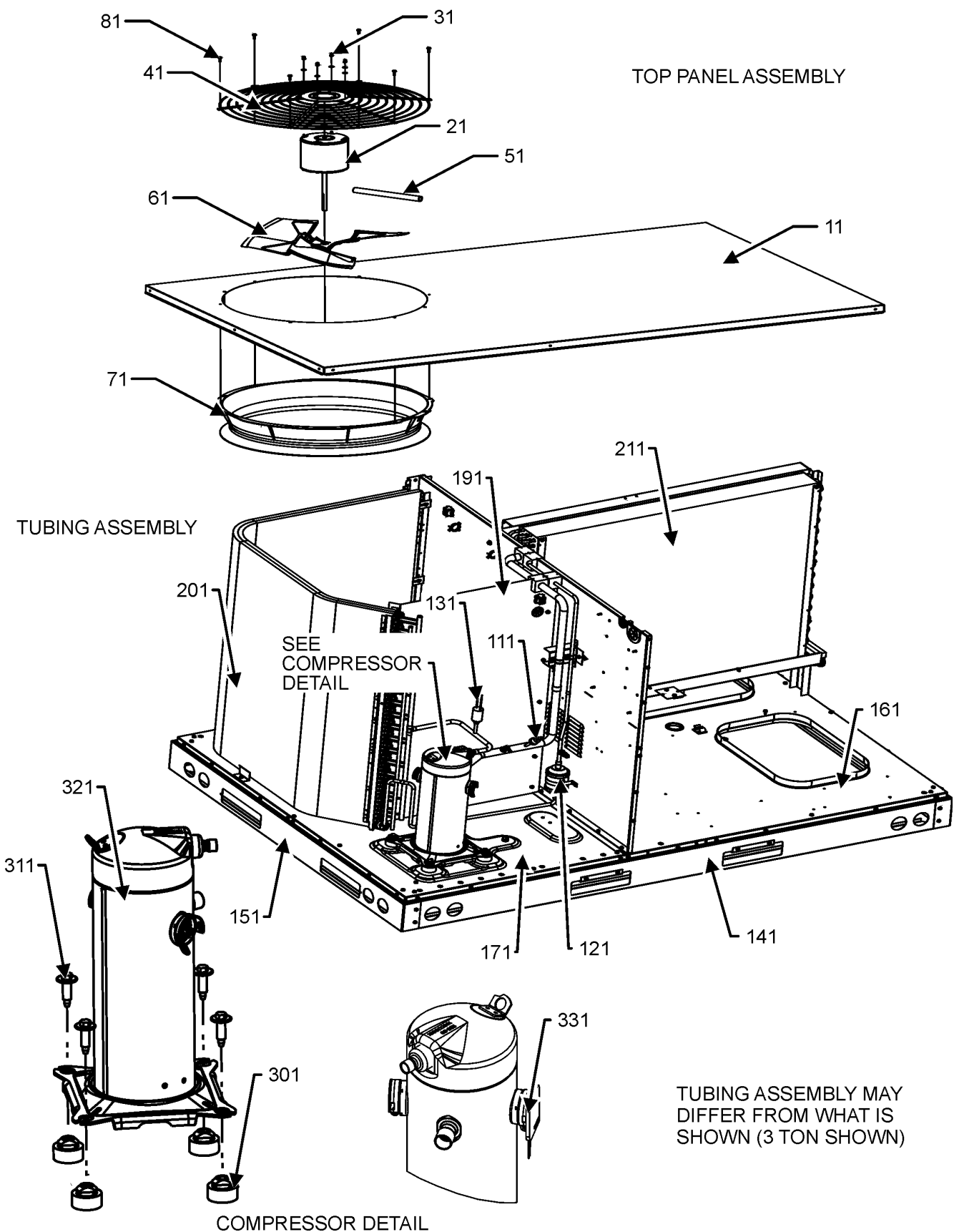
Image 1:

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
NS	0160L00137	AIR FILTER 20X25X2 (QTY 2)
NS	0270L01635	ASSY FILTER HOLDER

Expanded Model Nomenclature

M1 - DBG0603CH00001FAA
M2 - DBG0603CL00001FAA
M3 - DBG0603CM00001FAA
M4 - DBG0604CH00001FAA
M5 - DBG0604CL00001FAA
M6 - DBG0604CM00001FAA
M7 - DBG0607CH00001FAA

TOP PANEL AND TUBING ASSEMBLY



TOP PANEL AND TUBING ASSEMBLY

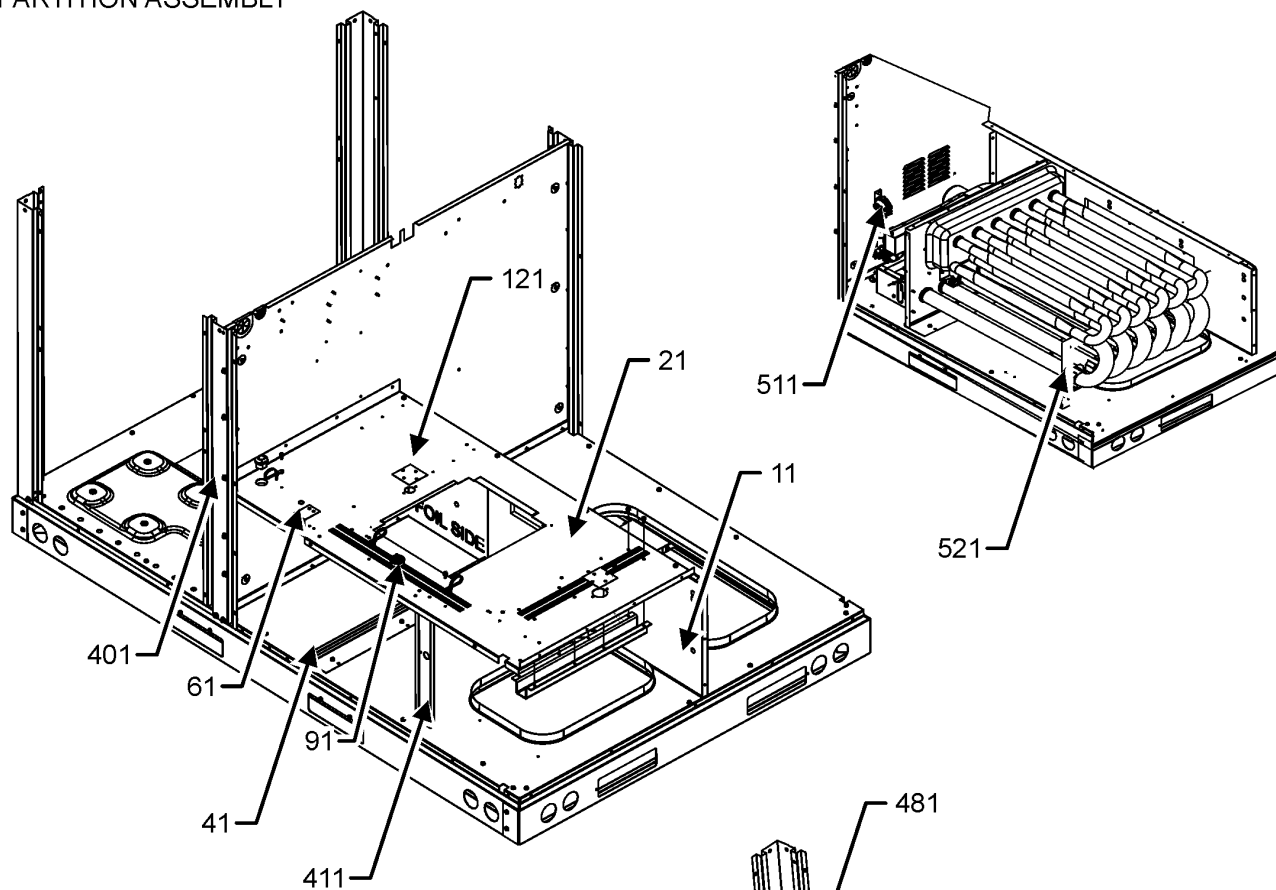
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0121L01626SB		PAINTED, TOP PANEL
21	0131M00430		MOTOR, 1/3 HP, 1 SP, 6 PL (M1, M2, M3)
21	0131M00774		MOTOR, 1/3 HP, OD (M4, M5, M6)
21	0131M00858		MOTOR, 1/3 HP, OD (M7)
31	0163M00006P		ACORN NUT 5/16 HEX BLACK (QTY 4)
41	0152G00000		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	0121L03855		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	0121L03727		BRACKET-FORK BOARD (QTY 4)
NS	0163M00005P		WASHER, BLACK (.50 OD .218ID) (QTY 4)

Expanded Model Nomenclature

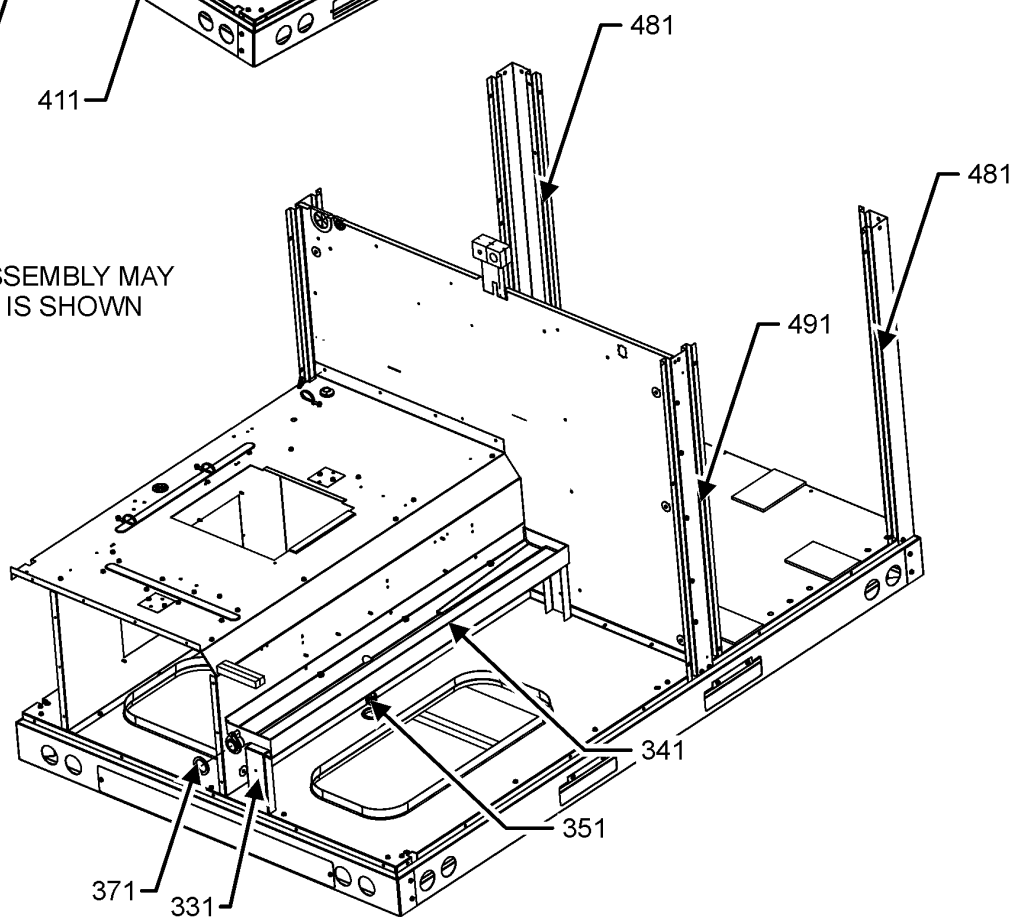
M1 - DBG0603CH00001FAA
M2 - DBG0603CL00001FAA
M3 - DBG0603CM00001FAA
M4 - DBG0604CH00001FAA
M5 - DBG0604CL00001FAA
M6 - DBG0604CM00001FAA
M7 - DBG0607CH00001FAA

PARTITION ASSEMBLY

PARTITION ASSEMBLY



NOTE: PARTITION ASSEMBLY MAY
DIFFER FROM WHAT IS SHOWN



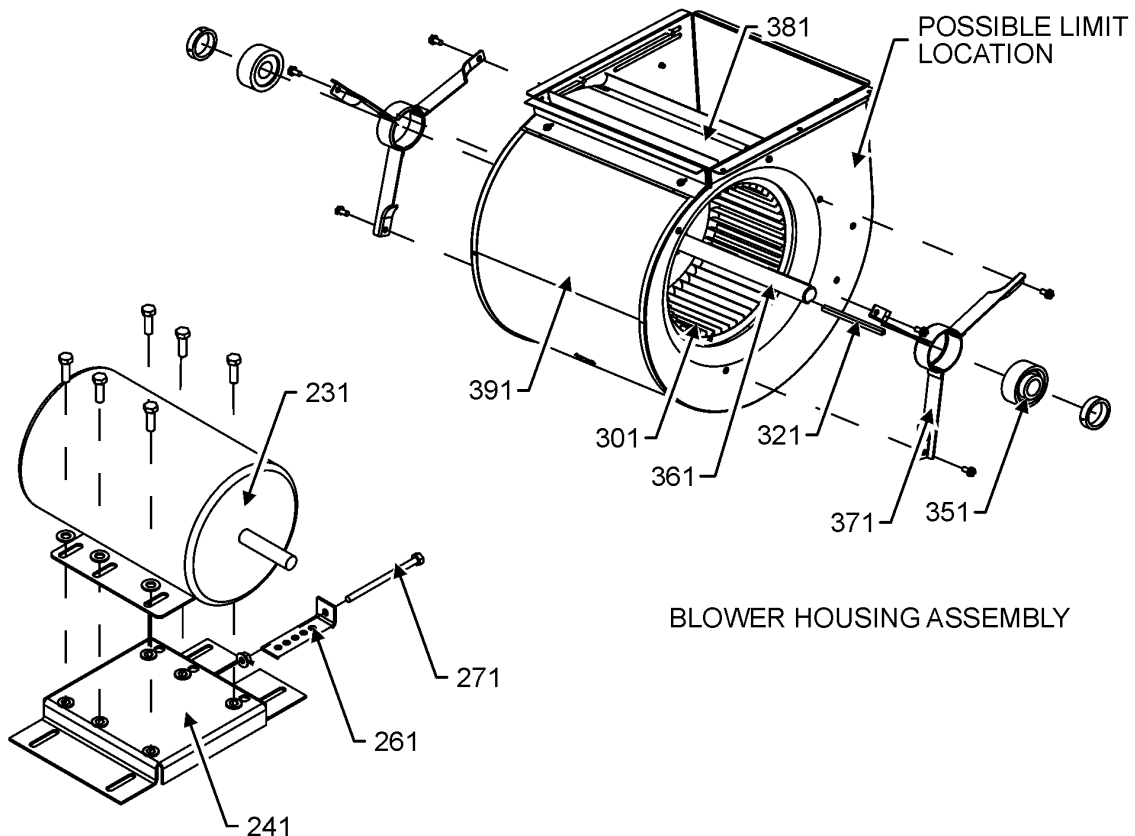
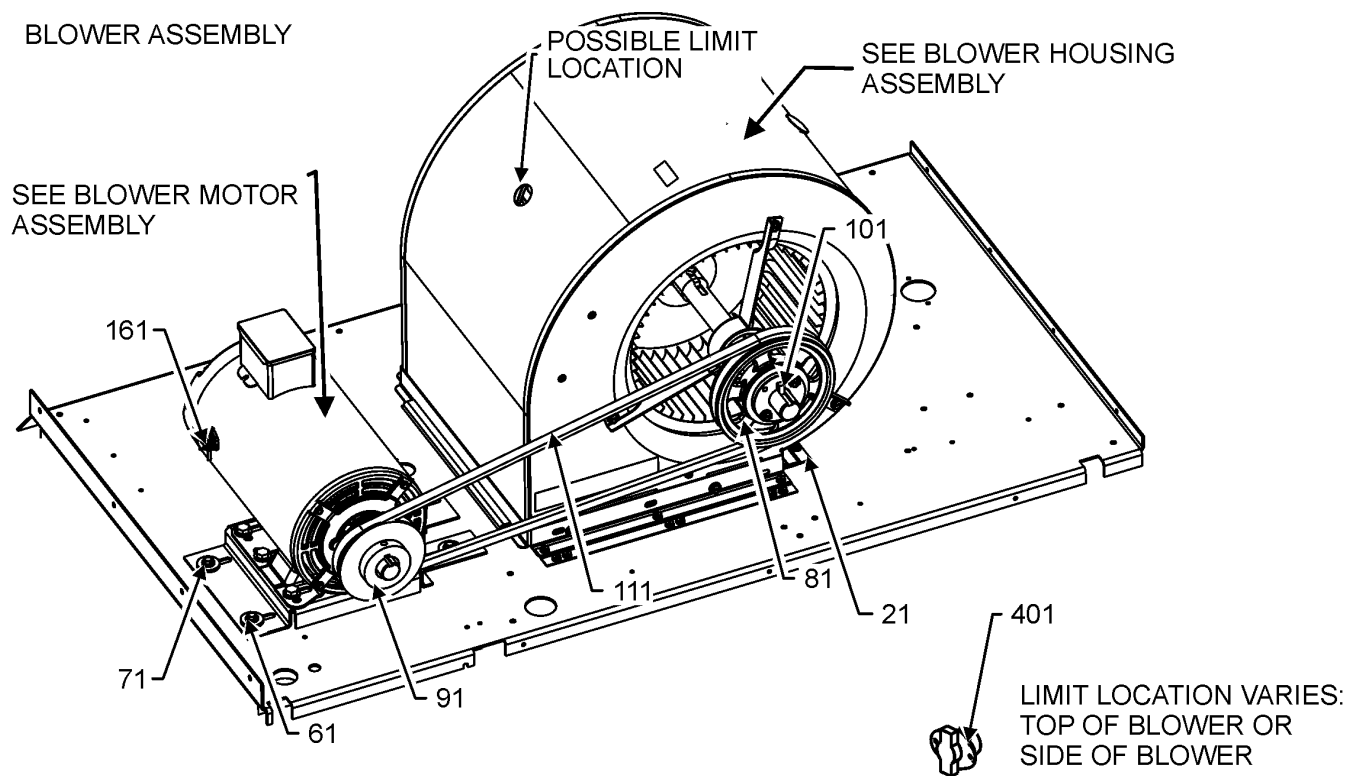
PARTITION ASSEMBLY

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
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	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	0121L01954		OD COIL BLOCKOFF ANGLE

Expanded Model Nomenclature

M1 - DBG0603CH00001FAA
M2 - DBG0603CL00001FAA
M3 - DBG0603CM00001FAA
M4 - DBG0604CH00001FAA
M5 - DBG0604CL00001FAA
M6 - DBG0604CM00001FAA
M7 - DBG0607CH00001FAA

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 5)
71	B1392918		WASHER, FLAT 1/4IDX1OD (QTY 4)
81	0163L00136		SHEAVE, FIXED AK59H
91	B2120013		VARIABLE PITCH SHEAVE1VM50X7/8
101	0163M00407		MACHINE KEY, SPECIAL
111	0164L00010		FAN BELT NOTCHED, AX52
161	B1393726		ELECT CONNECTING BUSHING
231	B3240006		MOTOR 2HP (M1, M2, M3, M4, M5, M6)
231	0131L00005		MOTOR-2 HP BELT DRIVE 575 V (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)

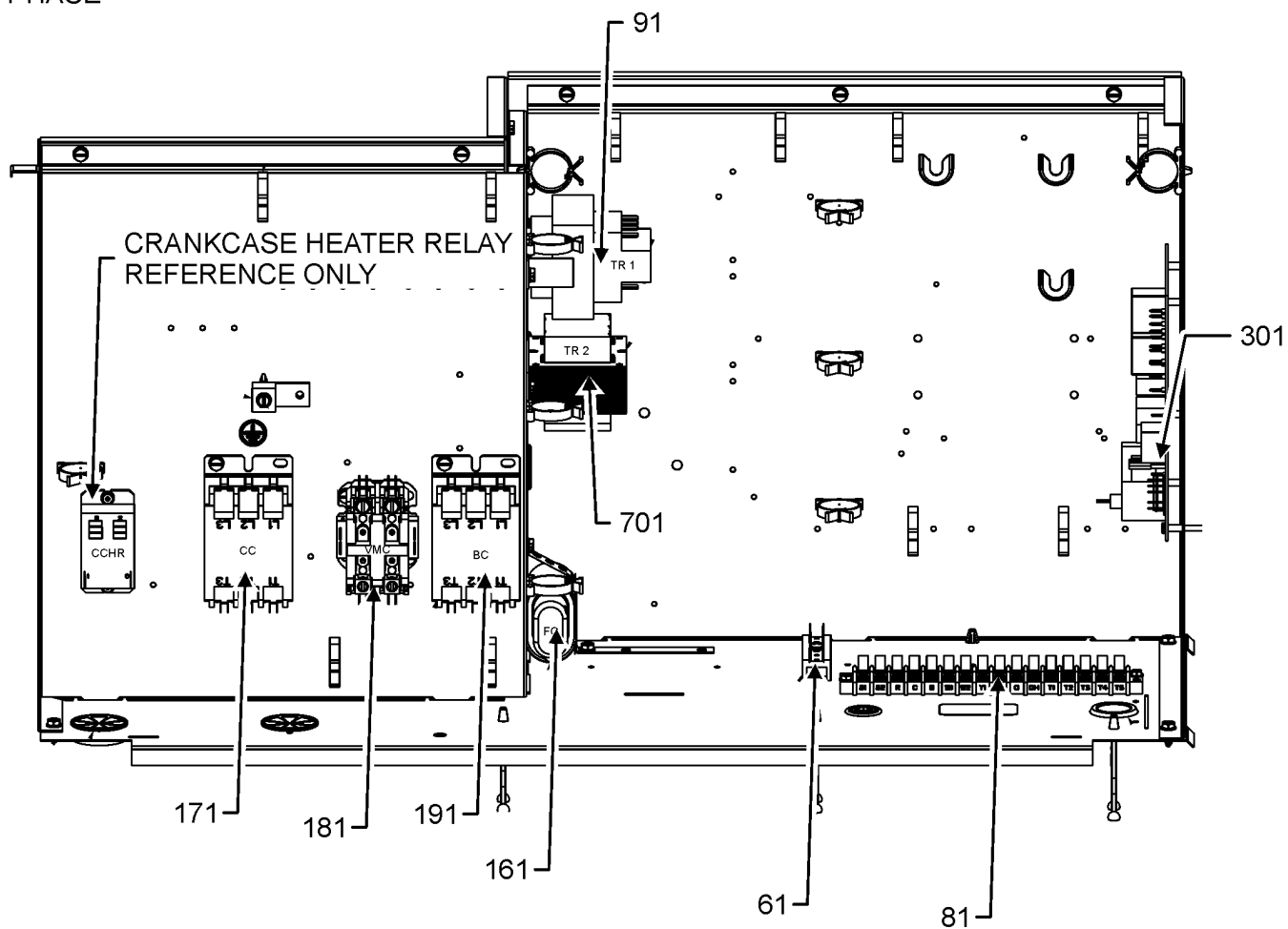
Expanded Model Nomenclature

M1 - DBG0603CH00001FAA M2 - DBG0603CL00001FAA M3 - DBG0603CM00001FAA M4 - DBG0604CH00001FAA M5 - DBG0604CL00001FAA M6 - DBG0604CM00001FAA M7 - DBG0607CH00001FAA
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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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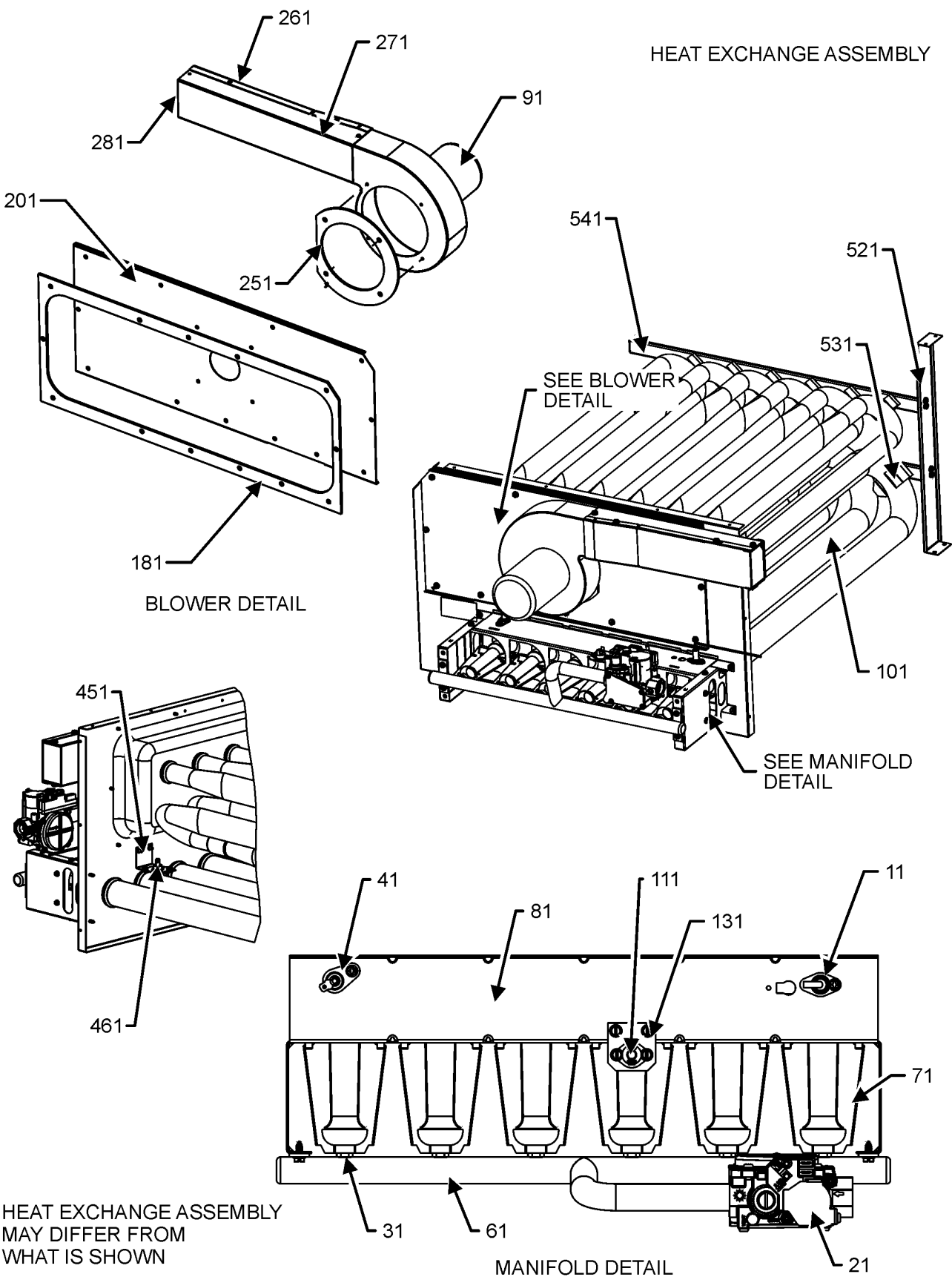
Image 1:

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, M3)
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, 150VA, 480V TO 23 (M4, M5, M6)
701	0130M00597	TRANSFMR, 150VA, 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 - DBG0603CH00001FAA
M2 - DBG0603CL00001FAA
M3 - DBG0603CM00001FAA
M4 - DBG0604CH00001FAA
M5 - DBG0604CL00001FAA
M6 - DBG0604CM00001FAA
M7 - DBG0607CH00001FAA

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	0163L00195		ORIFICE #41 (M1, M4, M7)
31	0163F00018		ORIFICE, #43 DRILL, Green (M2, M3, M5, M6)
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	0121L03552		PLATE, ID BLOWER (M1, M4, M7)
201	0121L03554		PLATE, ID BLOWER (M3, M6)
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	0121L01355		FLUE CHANNEL (M1, M4, M7)
261	0121L00277		FLUE-CHANNEL (M2, M3, M5, M6)
271	0121L01356		FLUE SIDE COVER (M1, M4, M7)
271	0121L00278		FLUE-SIDE COVER (M2, M3, M5, M6)
281	0163L00072		SCREEN-FLUE
451	0121L03670		BRACKET, PRIMARY LIMIT
461	0130F00071		LIMIT SWITCH (M3, M6)
461	0130F00067		LIMIT-RED (M1, M4, M7)
461	20162901		LIMIT-RED (M2, M5)
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 - DBG0603CH00001FAA
M2 - DBG0603CL00001FAA
M3 - DBG0603CM00001FAA
M4 - DBG0604CH00001FAA
M5 - DBG0604CL00001FAA
M6 - DBG0604CM00001FAA
M7 - DBG0607CH00001FAA

ACCESSORY PARTS LIST

NOTE: NOT ALL OPTIONS AVAILABLE FOR ALL PRODUCTS

FOR ACCESSORY PARTS SEE THE FOLLOWING PART MANUAL

RP-FIOPSC

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

NS RP-FIOPSC* ACCESSORY PART MANUAL

Expanded Model Nomenclature

M1 - DBG0603CH00001FAA
M2 - DBG0603CL00001FAA
M3 - DBG0603CM00001FAA
M4 - DBG0604CH00001FAA
M5 - DBG0604CL00001FAA
M6 - DBG0604CM00001FAA
M7 - DBG0607CH00001FAA