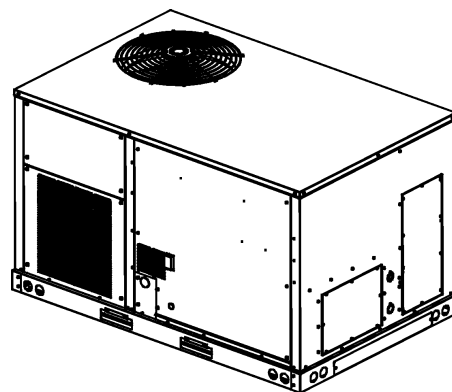


DSG Commercial 3 Ton ULN Package Gas Unit

DSG0361D100001FAA
DSG0361D600001FAA
DSG0361D800001FAA
DSG0363D100001FAA
DSG0363D600001FAA
DSG0363D800001FAA
DSG0364D100001FAA
DSG0364D600001FAA
DSG0364D800001FAA



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.

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 , 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 Comfort Technologies Manufacturing , L.P. also recommends contacting an authorized technician and using authorized factory parts.

Daikin Comfort Technologies Manufacturing , 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 Comfort Technologies Manufacturing , L.P.
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 , L.P.
19001 Kermier Road
Waller, Texas 77484
713-861-2500-Telephone
713-863-2382-Facsimile

Functional Parts

Part

No: Description:

0151M00098	36G VALVE ULN
10625733	BLADE-FAN 22" ALUM CCW
CAP050000370LA	CAP, 5 MFD/370V/OVAL (M4, M5, M6)
CAB050400440CT	CAP, 5/40 MFD/440V RD - BPRF (M1, M2, M3)
CAP040000370VA	CAPACITOR (M7, M8, M9)
YP31K1TPFVASE	COMPRESSOR (M1, M2, M3)
YP31K1TTF5ASE	COMPRESSOR (M4, M5, M6)
YP31K1TTFDASE	COMPRESSOR (M7, M8, M9)
CONT2P040024D	CONT, 2 POLE, 40 AMP, 24VAC (M1, M2, M3, M4, M5, M6)
CONT2P040024D	CONT, 2 POLE, 40 AMP, 24VAC (M1, M2, M3)
CONT3P030024D	CONT, 3 POLE, 30 AMP, 24VAC (M4, M5, M6, M7, M8, M9)
CONT3P030024D	CONT, 3 POLE, 30 AMP, 24VAC (M7, M8, M9)
0130F00762	FLAME SENSOR
0130L00253	ID PLUG (M1, M3, M4, M6, M7, M9)
0130L00271	ID PLUG (M2, M5, M8)
0130M00684	IGNITION MODULE
0130M00817	IGNITOR,ULN SPARK ELECTRODE
PCBBL216	INTEGRATED FURNACE CONTROLLER
0130F00035	LIMIT, PRIMARY (M7)
20162904	LIMIT, PRIMARY
0130M00663	LIMIT, PRIMARY (M2, M3, M5, M6, M8, M9)
0130F00071	LIMIT, PRIMARY (M1, M4)
0131M00964	MOTOR 1/6H.P., 1SP, 8PL (M1, M2, M3, M4, M5, M6)
0131M00962	MOTOR 1/6H.P., 1SP, 8PL (M7, M8, M9)
0131L00579	MOTOR- PROGRAMMED (M3)
0131L00580	MOTOR- PROGRAMMED (M1)
0131L00581	MOTOR- PROGRAMMED (M5)
0131L00582	MOTOR- PROGRAMMED (M6)
0131L00583	MOTOR- PROGRAMMED (M4)
0131L00584	MOTOR- PROGRAMMED (M8)
0131L00585	MOTOR- PROGRAMMED (M9)
0131L00586	MOTOR- PROGRAMMED (M7)
0131L00578	MOTOR- PROGRAMMED (M2)
0131M00972	MOTOR VENT
PCBCM301V0001	PCB CONTROL AIR HANDLER
10135604	RELAY
SER2A08012	SENSATA R32 SENSOR
0130F00771	SWITCH, HIGH LIMIT ULN (M3, M6, M9)
0130G00019	SWITCH, HIGH LIMIT, ULN (M2, M5, M8)
0130G00021	SWITCH, HIGH LIMIT, ULN (M1, M4, M7)
0130M00730	SWITCH, HIGH PRESSURE
0130M00732	SWITCH, LOW PRESSURE
0130M00038	TERMINAL BOARD
B1370772	TIME DELAY(ICM) 180 SEC DELA
0130M00695	TRANSDUCER, PRESSURE
0130M00862	TRANSFORMER (M7, M8, M9)
0130M00859	TRANSFORMER

RP-HXS*	HEAT EXCHANGE MANUAL
RP-EHS(D/B)*	HEATER KIT RP MANUAL
RP-EHX(D/B)*	HEATER KIT RP MANUAL

Expanded Model Nomenclature

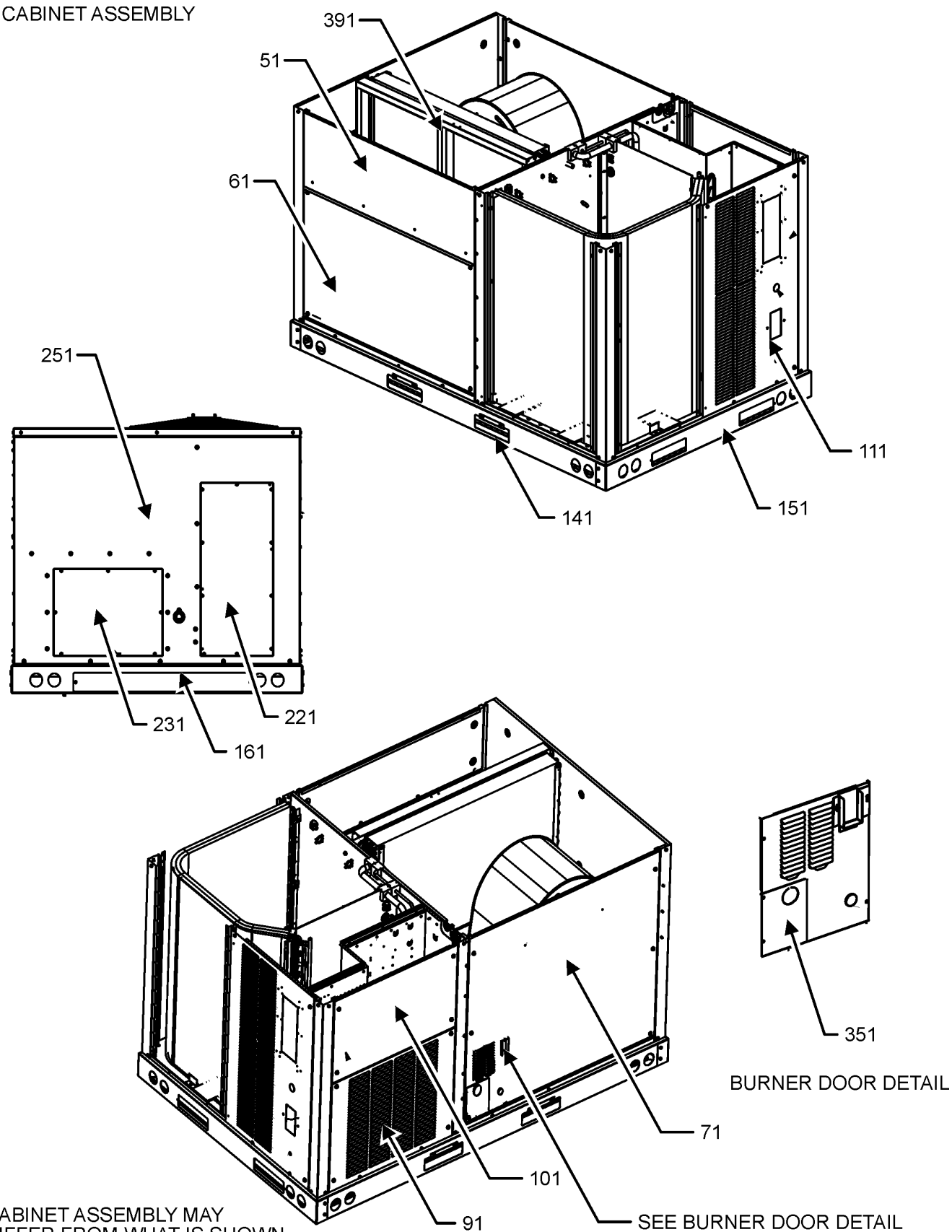
M1 - DSG0361D100001FAA
M2 - DSG0361D600001FAA
M3 - DSG0361D800001FAA
M4 - DSG0363D100001FAA
M5 - DSG0363D600001FAA
M6 - DSG0363D800001FAA
M7 - DSG0364D100001FAA
M8 - DSG0364D600001FAA
M9 - DSG0364D800001FAA

SPECIAL PARTS

RP-FIOPS*	ACCESSORY RP MANUAL
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CABINET ASSEMBLY

CABINET ASSEMBLY



CABINET ASSEMBLY

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

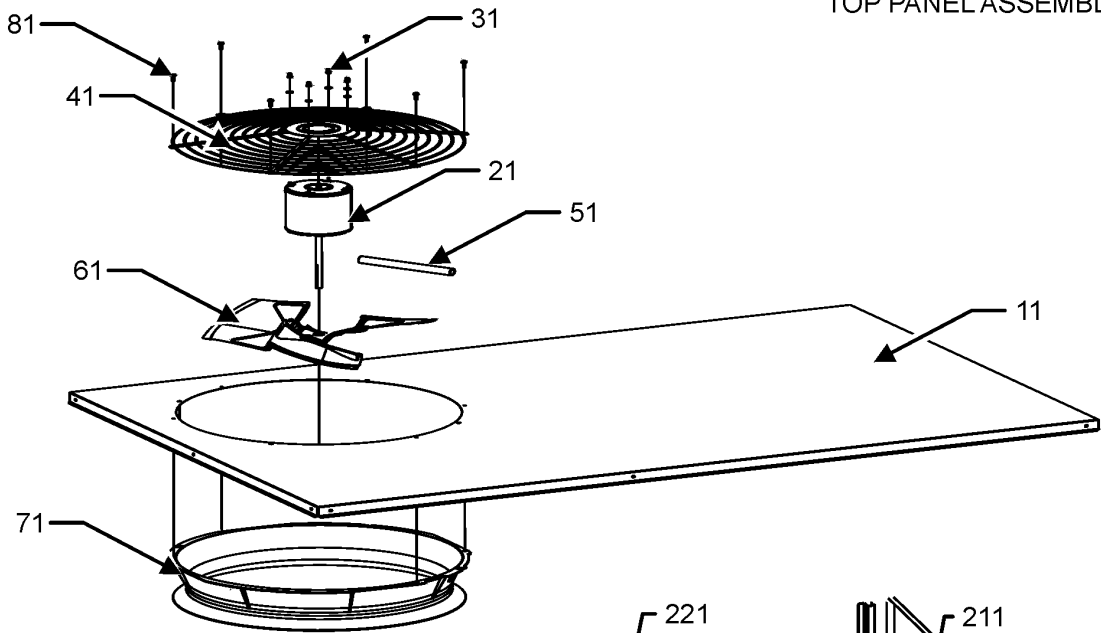
51	0121L01734SB	PAINTED FILTER PANEL
61	0121L01651SB	PAINTED ECONOMIZER PANEL
71	0121L03754SB	PAINTED, PANEL, GAS BLOWER
91	0121L02263SB	PAINTED COMPRESSOR PANEL
101	0121L02262SB	PAINTED CONTROL BOX PANEL
111	0121L03642SB	PAINTED, COMPRESSOR BACK PANEL
141	0121L04850	RAIL, SIDE (QTY 2)
151	0121L01621	END RAIL
161	0121L04776	END RAIL
221	0121L02910SB	PAINTED COVER-DUCT RETURN
231	0121L02911SB	PAINTED COVER-DUCT SUPPLY
251	0121L02996SB	PAINTED BACK PANEL
351	0121L03443SB	PAINTED, GAS INLET PANEL
391	0270L01635	ASSY FILTER HOLDER
NS	0160L00137	AIR FILTER (QTY 2)
NS	B1910010	GAS LINE GROMMET
NS	0121L03931	HEAT EXCHANGER FLASHING
NS	0121L03288SB	PAINTED, COLLAR, FLUE

Expanded Model Nomenclature

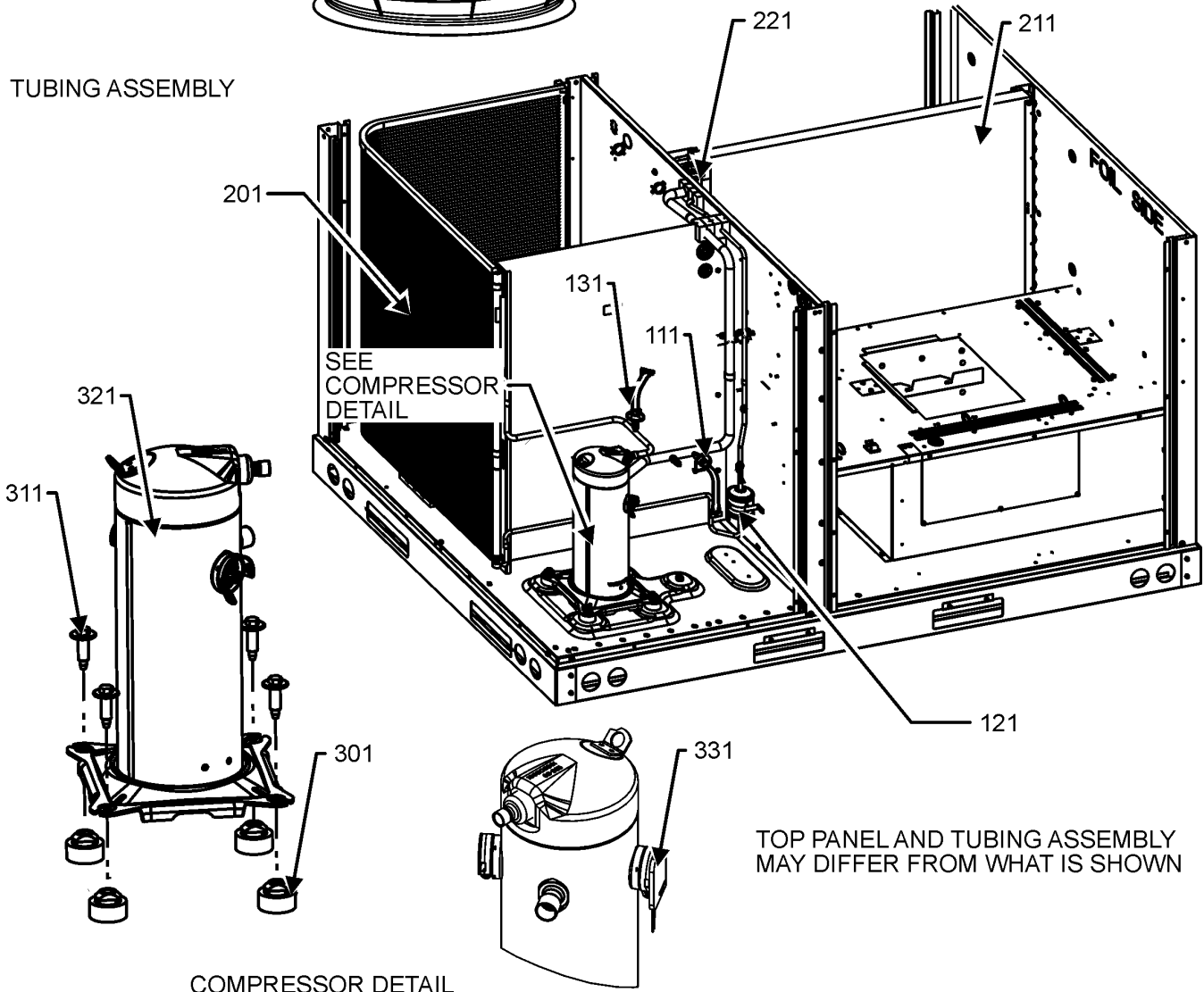
M1 - DSG0361D100001FAA
M2 - DSG0361D600001FAA
M3 - DSG0361D800001FAA
M4 - DSG0363D100001FAA
M5 - DSG0363D600001FAA
M6 - DSG0363D800001FAA
M7 - DSG0364D100001FAA
M8 - DSG0364D600001FAA
M9 - DSG0364D800001FAA

TOP PANEL AND TUBING ASSEMBLY

TOP PANEL ASSEMBLY



TUBING ASSEMBLY



TOP PANEL AND TUBING ASSEMBLY
MAY DIFFER FROM WHAT IS SHOWN

COMPRESSOR DETAIL

TOP PANEL AND TUBING ASSEMBLY

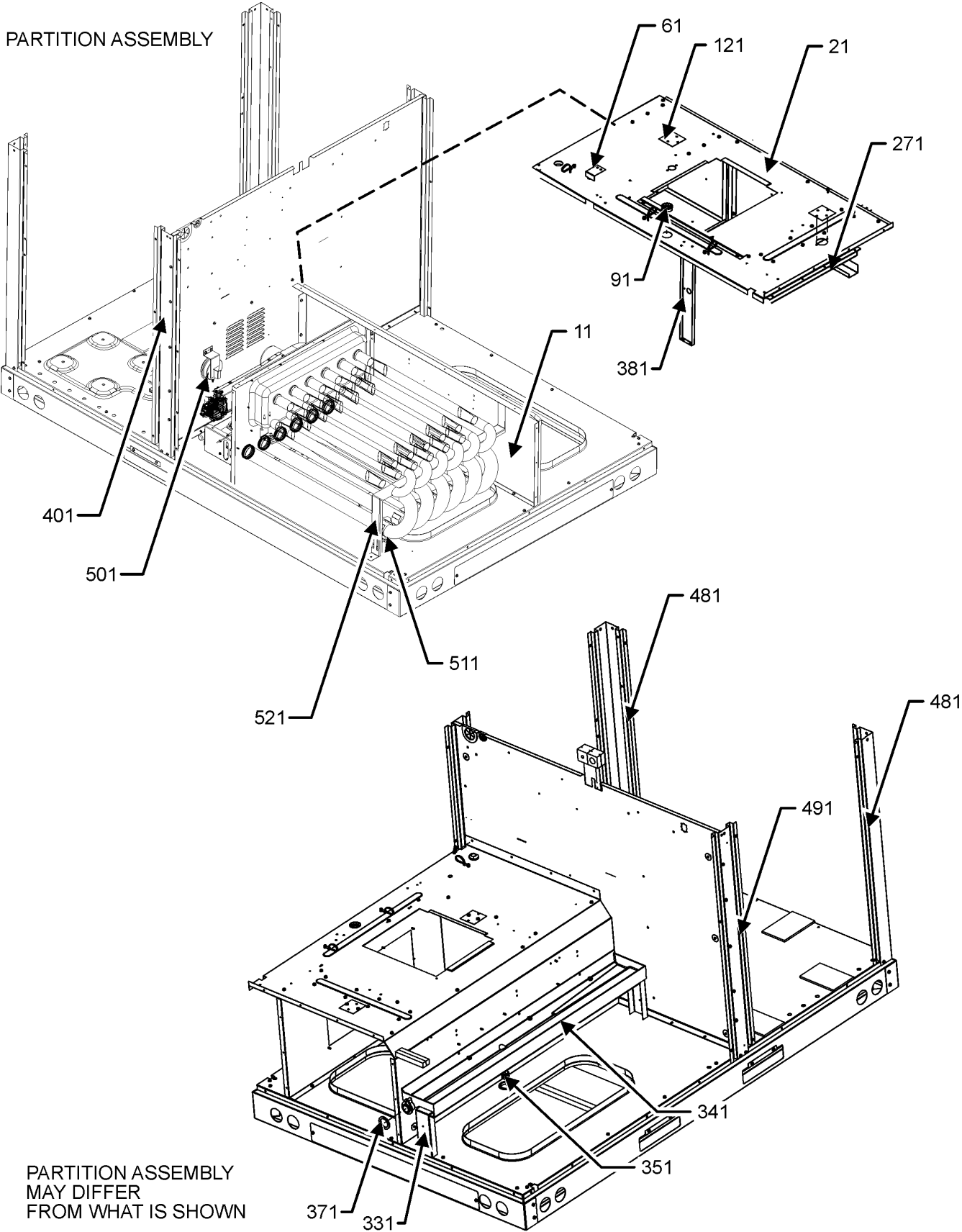
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0121L01626SB		PAINTED, TOP PANEL
21	0131M00962		MOTOR 1/6H.P., 1SP, 8PL (M7, M8, M9)
21	0131M00964		MOTOR 1/6H.P., 1SP, 8PL (M1, M2, M3, M4, M5, M6)
31	0163M00006P		ACORN NUT 5/16 HEX BLACK (QTY 4)
41	0152G00000		FAN GRILLE, RAISED
51	0161R00124		CONDUIT
61	10625733		BLADE-FAN 22" ALUM CCW
71	0161L00015		RING, VENTURI 22"
81	0163M00004		SCREW #10X3/4", BLACK (QTY 8)
111	0130M00732		SWITCH, LOW PRESSURE
121	0162R00056		FILTER/DRIER-BI-FLOW
131	0130M00730		SWITCH, HIGH PRESSURE
201	0201L00803		ASSY., COIL BENT
211	0202L00666		ID. COIL, TUBING ASSEMBLY
221	0251L00179		ASSY., EXPANSION VALVE R32
301	B1339533		COMPRESSOR GROMMET (QTY 4)
311	B1393740		COMP. BOLT & SLEEVE (QTY 4)
321	YP31K1TPFVASE		COMPRESSOR (M1, M2, M3)
321	YP31K1TTF5ASE		COMPRESSOR (M4, M5, M6)
321	YP31K1TTFDASE		COMPRESSOR (M7, M8, M9)
331	0159L00027		HARNESS-COMP SCROLL (M1, M2, M3)
331	0159L00065		HARNESS-COMP SCROLL (M4, M5, M6, M7, M8, M9)
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 - DSG0361D100001FAA
M2 - DSG0361D600001FAA
M3 - DSG0361D800001FAA
M4 - DSG0363D100001FAA
M5 - DSG0363D600001FAA
M6 - DSG0363D800001FAA
M7 - DSG0364D100001FAA
M8 - DSG0364D600001FAA
M9 - DSG0364D800001FAA

PARTITION ASSEMBLY

PARTITION ASSEMBLY



PARTITION ASSEMBLY

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

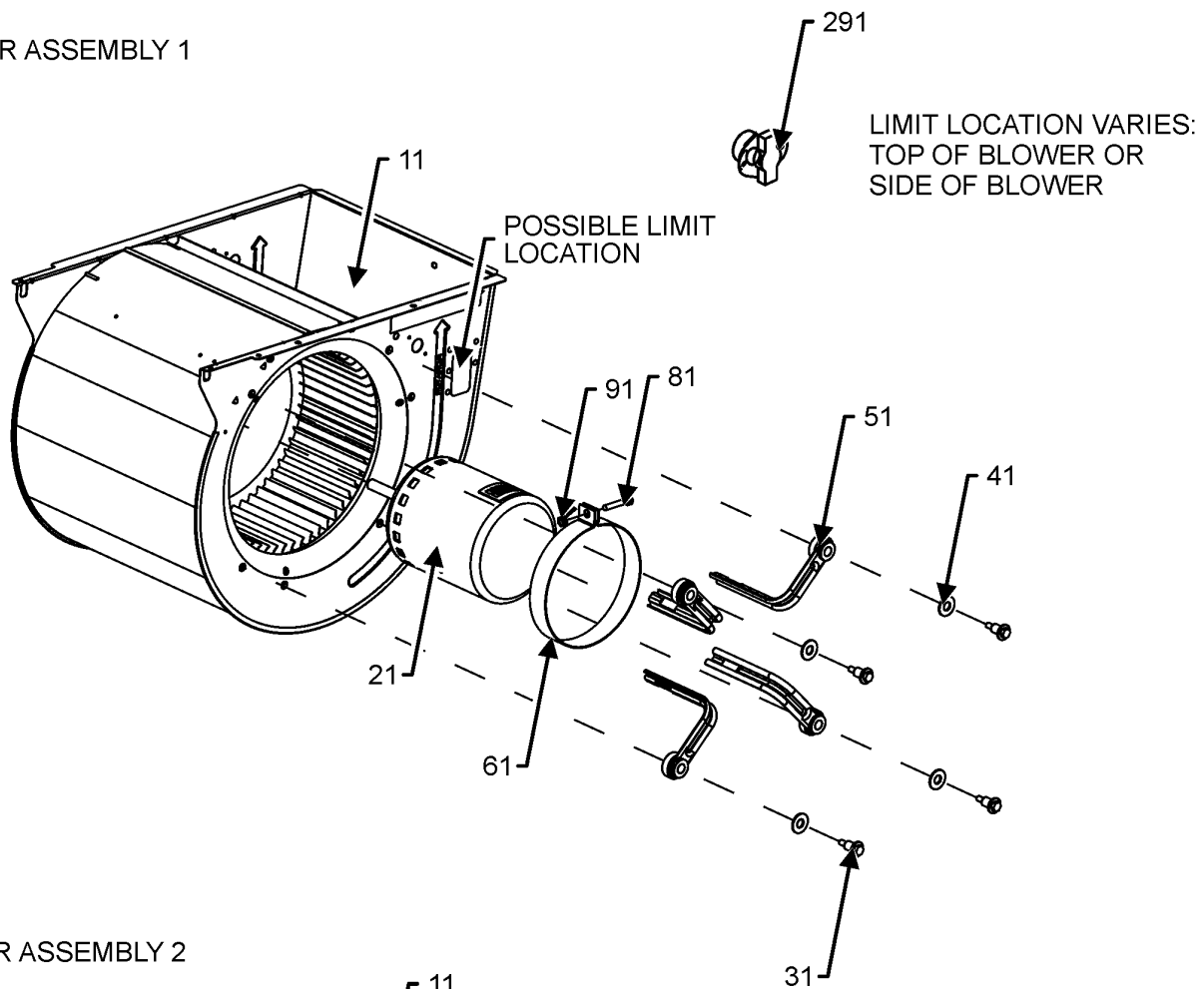
11	0121L05068	BLOWER DECK SIDE
21	0121L05160	PANEL, BLOWER DECK
61	0121L01709	BLOWER DECK PLATE
91	B1392147	UNIVERSIAL BUSHING WITH SLICE (QTY 2)
121	0121L00321	COVER-SMOKE DETECTOR (QTY 2)
271	0121L02633	BLOWER DECK U-BRACKET
331	0121L02985	DRAINPAN SUPPORT
341	0161L00007	DRAIN PAN, EVAPORATOR 3-5 TON
351	0163L00071	PLUG, DRAIN
371	0154L00180	GASKET, DRAIN PAN
381	0121L00300	POST-DECK SUPPORT
401	0121L03442SB	PAINTED, SIDE POST
481	0121L01728SB	PAINTED CORNER POST (QTY 2)
491	0121L04180SB	PAINTED, SIDE POST
501	0130M00684	IGNITION MODULE
511	0121L02935	BRACKET, SUPPORT, TUBE
521	0121L03320	BRACKET, TUBE SUPPORT
NS	0164M00111	GROMMET-D
NS	0164G00005	GROMMET-HORSESHOW 1.675

Expanded Model Nomenclature

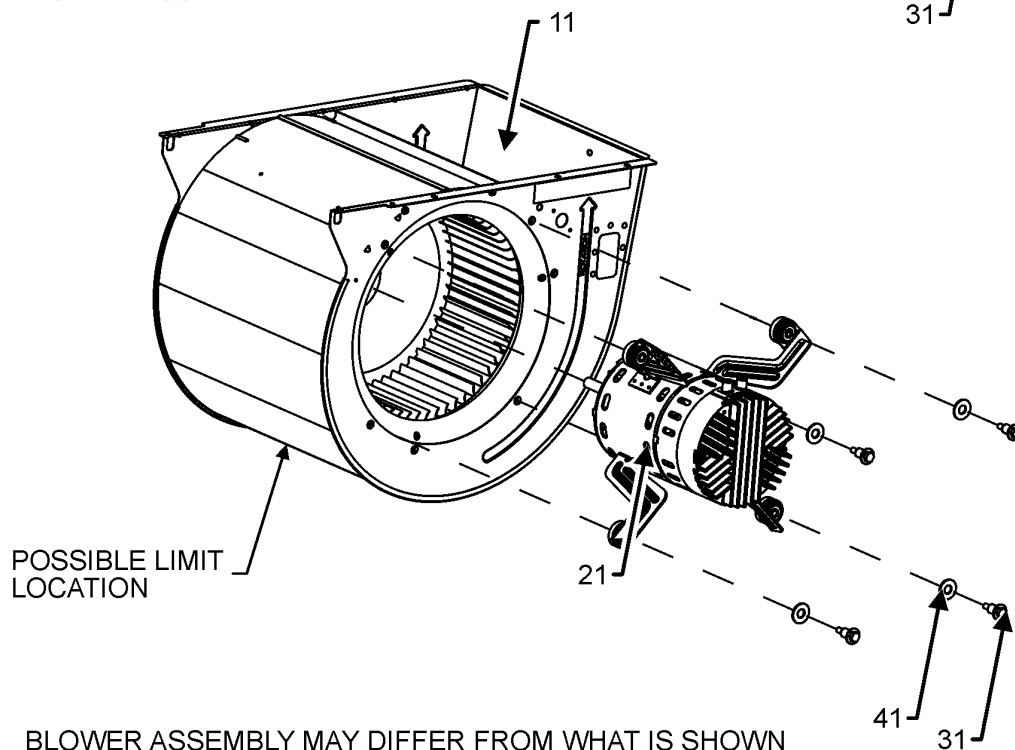
M1 - DSG0361D100001FAA
M2 - DSG0361D600001FAA
M3 - DSG0361D800001FAA
M4 - DSG0363D100001FAA
M5 - DSG0363D600001FAA
M6 - DSG0363D800001FAA
M7 - DSG0364D100001FAA
M8 - DSG0364D600001FAA
M9 - DSG0364D800001FAA

BLOWER ASSEMBLY

BLOWER ASSEMBLY 1



BLOWER ASSEMBLY 2



BLOWER ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

BLOWER ASSEMBLY

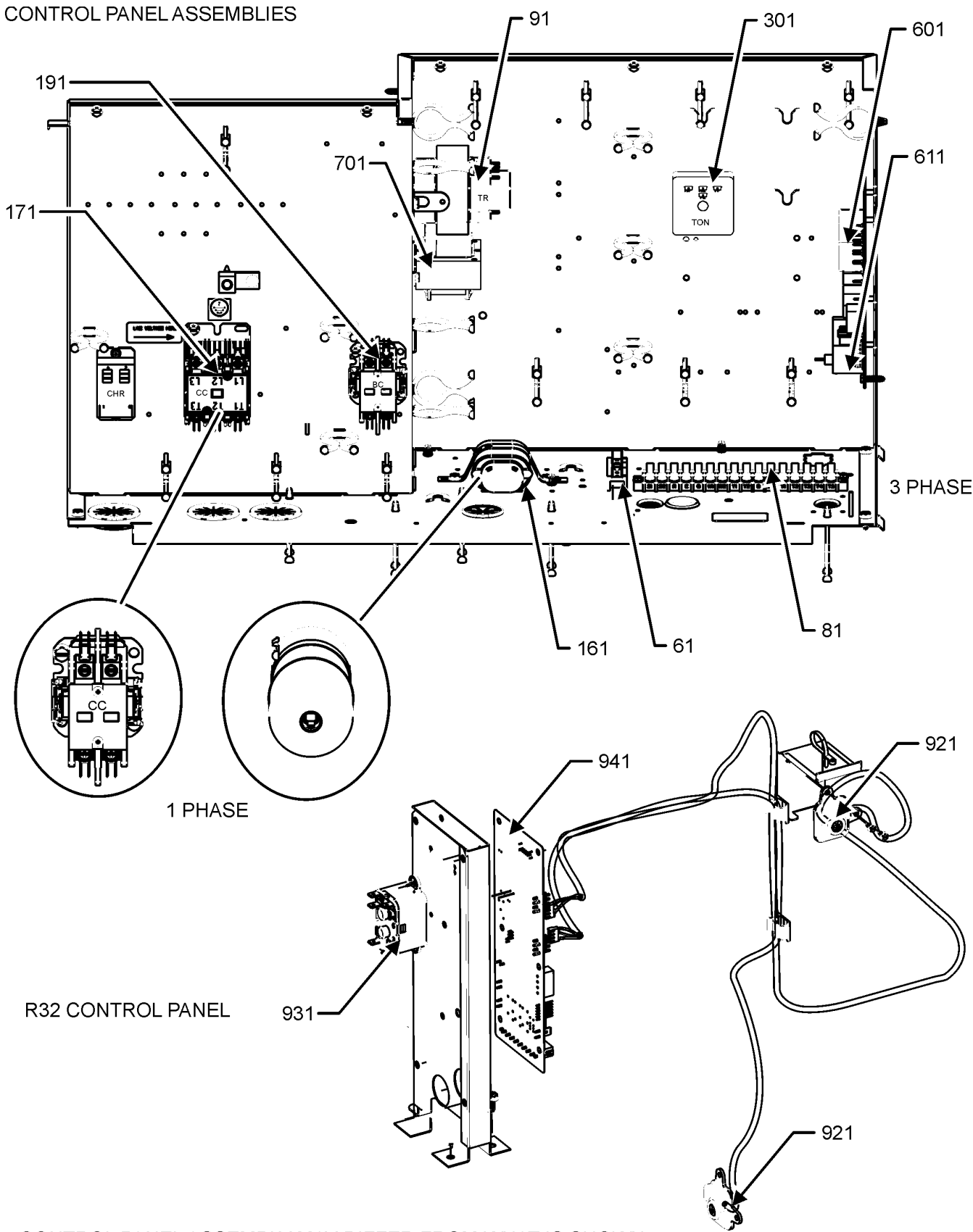
Ref. Part			Ref. Part		
No: No:	Description:		No: No:	Description:	
Image 1:					
11	0271L00137	ASSY., BLOWER HOUSING (M7, M8, M9)			
11	0271L00133	ASSY., HOUSING, BLWR (M1, M2, M3, M4, M5, M6)			
21	0131L00578	MOTOR- PROGRAMMED (M2)			
21	0131L00579	MOTOR- PROGRAMMED (M3)			
21	0131L00580	MOTOR- PROGRAMMED (M1)			
21	0131L00581	MOTOR- PROGRAMMED (M5)			
21	0131L00582	MOTOR- PROGRAMMED (M6)			
21	0131L00583	MOTOR- PROGRAMMED (M4)			
21	0131L00584	MOTOR- PROGRAMMED (M8)			
21	0131L00585	MOTOR- PROGRAMMED (M9)			
21	0131L00586	MOTOR- PROGRAMMED (M7)			
31	M0250565	SCREW-TC 1.25" (QTY 4)			
41	B1392918	WASHER, FLAT 1/4 ID X 1 OD (QTY 4)			
51	0163A00008	MOTOR MOUNTING ARM (M1, M2, M3, M4, M5, M6)			
61	10441601	BAND-MTR MOUNT (M1, M2, M3, M4, M5, M6)			
81	0163M00320	HEX HEAD ALL THREAD TAP BOLT (M1, M2, M3, M4, M5, M6)			
91	B1393800	LOCKNUT, NYLON, INSERT 1/4,20 (M1, M2, M3, M4, M5, M6)			
291	20162904	LIMIT, PRIMARY			

Expanded Model Nomenclature

M1 - DSG0361D100001FAA
M2 - DSG0361D600001FAA
M3 - DSG0361D800001FAA
M4 - DSG0363D100001FAA
M5 - DSG0363D600001FAA
M6 - DSG0363D800001FAA
M7 - DSG0364D100001FAA
M8 - DSG0364D600001FAA
M9 - DSG0364D800001FAA

CONTROL BOX ASSEMBLY

CONTROL PANEL ASSEMBLIES



CONTROL PANEL ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

CONTROL BOX ASSEMBLY

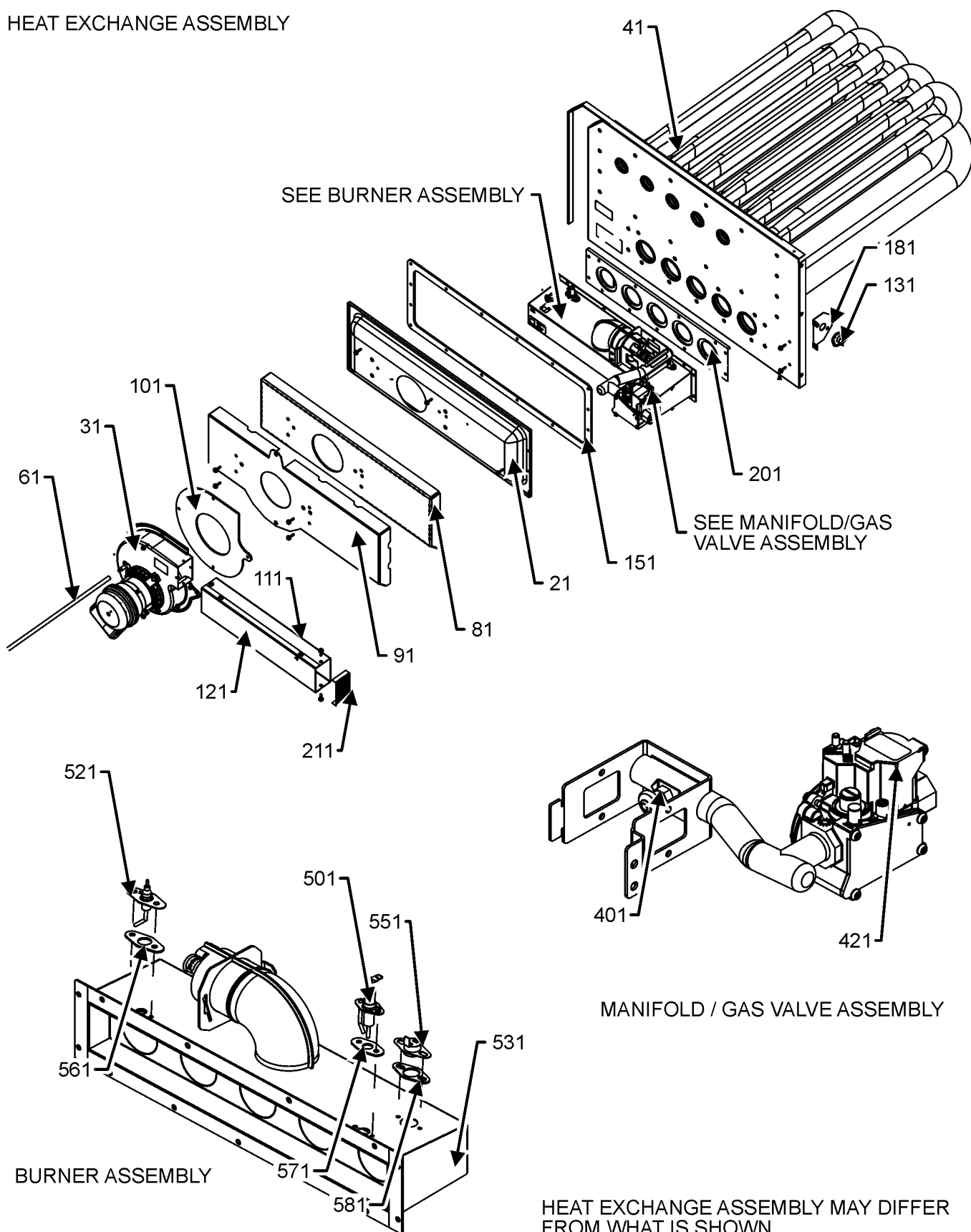
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
61	802007090		TERM BOARD
81	0130M00038		TERMINAL BOARD
91	0130M00859		TRANSFORMER
161	CAP050000370LA		CAP, 5 MFD/370V/OVAL (M4, M5, M6)
161	CAB050400440CT		CAP, 5/40 MFD/440V RD - BPRF (M1, M2, M3)
161	CAP040000370VA		CAPACITOR (M7, M8, M9)
171	CONT2P040024D		CONT, 2 POLE, 40 AMP, 24VAC (M1, M2, M3)
171	CONT3P030024D		CONT, 3 POLE, 30 AMP, 24VAC (M4, M5, M6, M7, M8, M9)
191	CONT2P040024D		CONT, 2 POLE, 40 AMP, 24VAC (M1, M2, M3, M4, M5, M6)
191	CONT3P030024D		CONT, 3 POLE, 30 AMP, 24VAC (M7, M8, M9)
301	B1370772		TIME DELAY(ICM) 180 SEC DELA
601	PCBBL216		INTEGRATED FURNACE CONTROLLER
611	0130M00695		TRANSDUCER, PRESSURE
701	0130M00862		TRANSFORMER (M7, M8, M9)
921	SER2A08012		SENSATA R32 SENSOR
931	10135604		RELAY
941	PCBCM301V0001		PCB CONTROL AIR HANDLER
NS	0164M00127		BOOT, CAPACITOR (M4, M5, M6, M7, M8, M9)
NS	0164M00079		BOOT-CAPACITOR, ROUND (M1, M2, M3)
NS	0130L00253		ID PLUG (M1, M3, M4, M6, M7, M9)
NS	0130L00271		ID PLUG (M2, M5, M8)
NS	0130M00507		MOTOR POWER HARNESS (M1, M2, M3, M4, M5, M6)
NS	20520901		STRAP-CAPACITOR

Expanded Model Nomenclature

M1 - DSG0361D100001FAA
M2 - DSG0361D600001FAA
M3 - DSG0361D800001FAA
M4 - DSG0363D100001FAA
M5 - DSG0363D600001FAA
M6 - DSG0363D800001FAA
M7 - DSG0364D100001FAA
M8 - DSG0364D600001FAA
M9 - DSG0364D800001FAA

HEAT EXCHANGE ASSEMBLY

HEAT EXCHANGE ASSEMBLY



HEAT EXCHANGE ASSEMBLY

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
21	0121L04338		BOX, COLLECTOR
31	0131M00972		MOTOR VENT
41	0270L01766		ASSY, PANEL, PARTITION/TUBE, 4 (M3, M6, M9)
41	0270L01767		ASSY, PANEL, PARTITION/TUBE, 5 (M1, M4, M7)
41	0270L01772		ASSY.,PANEL, PARTITION/TUBE, 3 (M2, M5, M8)
61	0164M00114		HOSE PRESSURE SW 50"
81	0154L00226		GASKET
91	0121L04339		PLATE, ID BLOWER
101	0154L00214		GASKET ID BLOWER
111	0121L04340		FLUE-CHANNEL
121	0121L04341		FLUE-SIDE COVER
131	0130F00035		LIMIT, PRIMARY (M7)
131	0130F00071		LIMIT, PRIMARY (M1, M4)
131	0130M00663		LIMIT, PRIMARY (M2, M3, M5, M6, M8, M9)
151	0154L00206		GASKET BOX COLLECTOR
181	0121L02859		BRACKET PRIMARY LIMIT
201	0154F00106		GASKET, BRNR FRONT (M2, M5, M8)
201	0154F00107		GASKET, BRNR FRONT (M3, M6, M9)
201	0154F00108		GASKET, BRNR FRONT (M1, M4, M7)
211	0163L00072		SCREEN FLUE
401	0263L00004		ASSY., MANIFOLD (M2, M5, M8)
401	0263L00005		ASSY., MANIFOLD (M3, M6, M9)
401	0263L00009		ASSY., MANIFOLD (M1, M4, M7)
421	0151M00098		36G VALVE ULN
501	0130M00817		IGNITOR,ULN SPARK ELECTRODE
521	0130F00762		FLAME SENSOR
531	0163L00267		BURNER ASSY, ULN LC 80 (M1, M4, M7)
531	0163G00015		BURNER, ULN (M2, M5, M8)
531	0163G00016		BURNER, ULN (M3, M6, M9)
551	0130F00771		SWITCH, HIGH LIMIT ULN (M3, M6, M9)
551	0130G00019		SWITCH, HIGH LIMIT, ULN (M2, M5, M8)
551	0130G00021		SWITCH, HIGH LIMIT, ULN (M1, M4, M7)
561	0154F00068		GASKET ULN FLAME SENSOR
571	0154M00079		GASKET ULN IGNITOR
581	0154F00069		GASKET LIMIT ULN

Expanded Model Nomenclature

M1 - DSG0361D100001FAA
M2 - DSG0361D600001FAA
M3 - DSG0361D800001FAA
M4 - DSG0363D100001FAA
M5 - DSG0363D600001FAA
M6 - DSG0363D800001FAA
M7 - DSG0364D100001FAA
M8 - DSG0364D600001FAA
M9 - DSG0364D800001FAA

ACCESSORY PARTS LIST

NOTE: NOT ALL OPTIONS AVAILABLE FOR ALL PRODUCTS

FOR ACCESSORY PARTS SEE THE FOLLOWING PART MANUAL

RP-FIOPSC*

RP-EHS[D/B]SC*

RP-EHX[D/B]SC*

ACCESSORY PARTS

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

NS	RP-FIOPS*	ACCESSORY RP MANUAL
NS	RP-HXS*	HEAT EXCHANGE MANUAL
NS	RP-EHS(D/B)S*	HEATER KIT RP MANUAL
NS	RP-EHX(D/B)S*	HEATER KIT RP MANUAL

Expanded Model Nomenclature

M1 - DSG0361D100001FAA
M2 - DSG0361D600001FAA
M3 - DSG0361D800001FAA
M4 - DSG0363D100001FAA
M5 - DSG0363D600001FAA
M6 - DSG0363D800001FAA
M7 - DSG0364D100001FAA
M8 - DSG0364D600001FAA
M9 - DSG0364D800001FAA