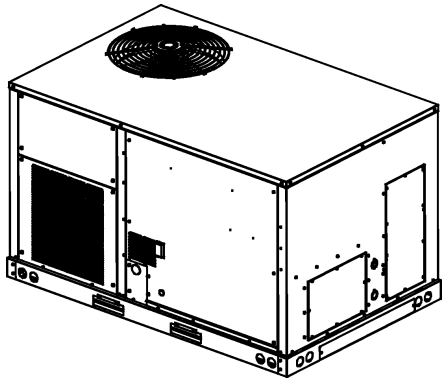
REPAIR PARTS

DSG Commercial 6 Ton Hi Static Package Gas Unit

DSG0723WH00001FAA
DSG0723WL00001FAA
DSG0723WM00001FAA
DSG0724WH00001FAA
DSG0724WL00001FAA
DSG0724WM00001FAA
DSG0727WH00001FAA
DSG0727WL00001FAA
DSG0727WM00001FAA



This manual is to be used by qualified technicians only.

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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:
0163F00017	BECKETT BURNER (QTY 6)
CAP100000440LA	CAP 10 MFD/440V/OVAL (M4, M5, M6)
CAP100000370LA	CAP, 10 MFD/370V/OVAL (M1, M2, M3)
CAP050000440LA	CAPACITOR (M7, M8, M9)
YPS60K1TTFEASC	COMPRESSOR (M7, M8, M9)
YPS60K1TTFDASC	COMPRESSOR (M4, M5, M6)
YPS60K1TTF5ASC	COMPRESSOR (M1, M2, M3)
CONT2P040024D	CONT, 2 POLE, 40 AMP, 24VAC
CONT3P030024D	CONT, 3 POLE, 30 AMP, 24VAC
CONT3P030024D	CONT, 3 POLE, 30 AMP, 24VAC
0130M00178	DPDT RELAY 24VAC
B1086765	FAN BLADE, TYPE 3
0130F00010	FLAME SENSOR (M1, M3, M4, M6, M7, M9)
0130M00719	FLAME SENSOR (M2, M5, M8)
0151F00000P	GAS VALVE - WHITE-RODGERS 2-STAGE
20261709	IGNITOR
0130F00035	LIMIT, PRIMARY (M2, M5, M8)
0130F00071	LIMIT, PRIMARY (M1, M3, M4, M6, M7, M9)
20162904	LIMIT, PRIMARY
10123532	LIMIT-RESET MAN-GRAY
0131L00575	MOTOR- PROGRAMMED (M2, M5, M8)
0131L00577	MOTOR- PROGRAMMED (M1, M4, M7)
0131L00576	MOTOR- PROGRAMMED (M3, M6, M9)
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, M8, M9)
PCBCM301V0001	PCB CONTROL CIR HANDLER
PCBAG123	PCB, IGNITION,DSI, INTEG
10135604	RELAY
SER2A08012	SENSATA R32 SENSOR
0130M00730	SWITCH, HIGH PRESSURE
0130M00732	SWITCH, LOW PRESSURE
11112501	SWITCH-PRESSURE
0130M00038	TERMINAL BOARD
0130M00862	TRANSFORMER (M4, M5, M6)
0130M00860	TRANSFORMER (M7, M8, M9)
0130M00859	TRANSFORMER

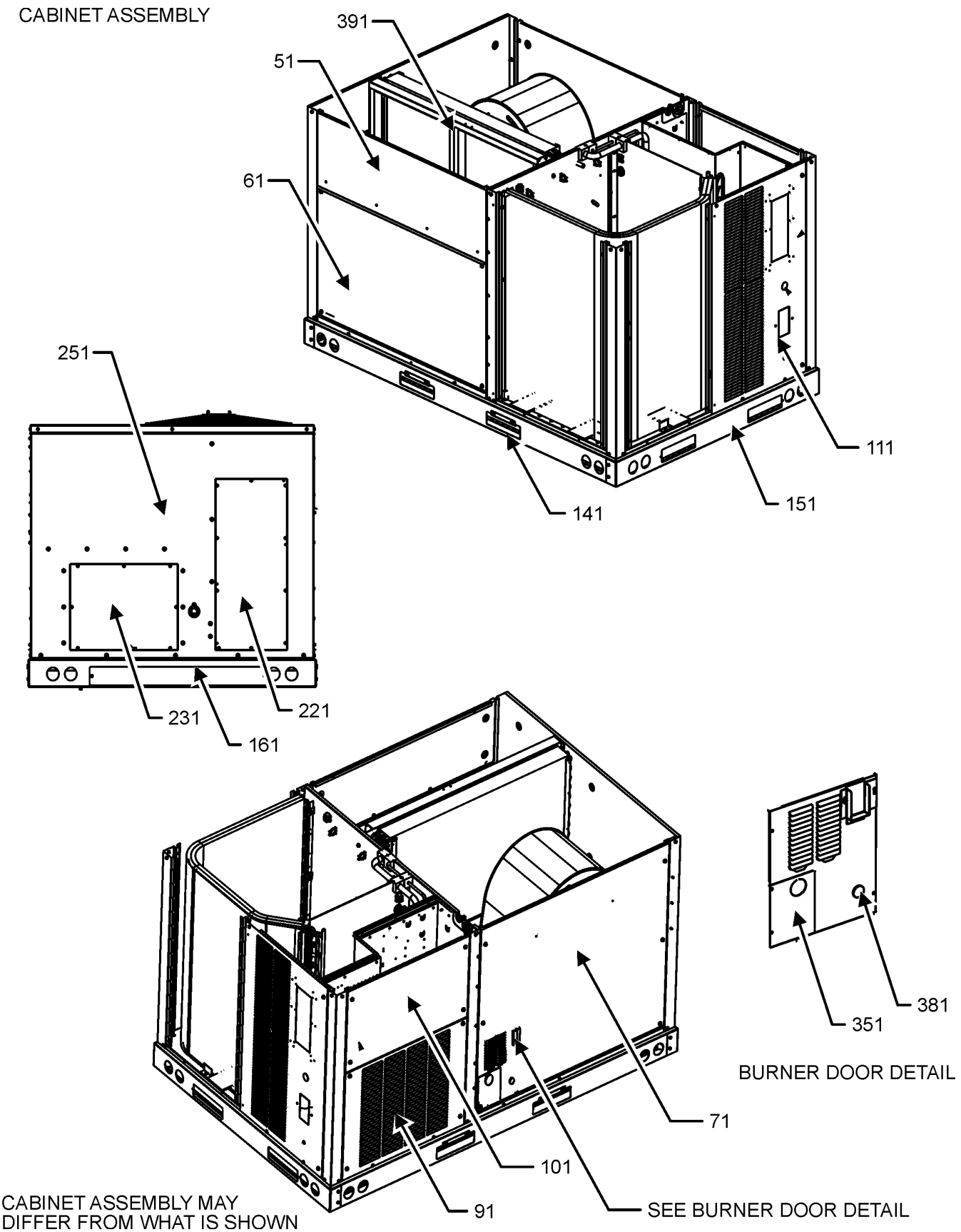
Expanded Model Nomenclature

M1 - DSG0723WH00001FAA
M2 - DSG0723WL00001FAA
M3 - DSG0723WM00001FAA
M4 - DSG0724WH00001FAA
M5 - DSG0724WL00001FAA
M6 - DSG0724WM00001FAA
M7 - DSG0727WH00001FAA
M8 - DSG0727WL00001FAA
M9 - DSG0727WM00001FAA

SPECIAL PARTS

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

CABINET ASSEMBLY



CABINET ASSEMBLY

Ref. No:	Part No:	Description:	Ref. No:	Part No:	Description:

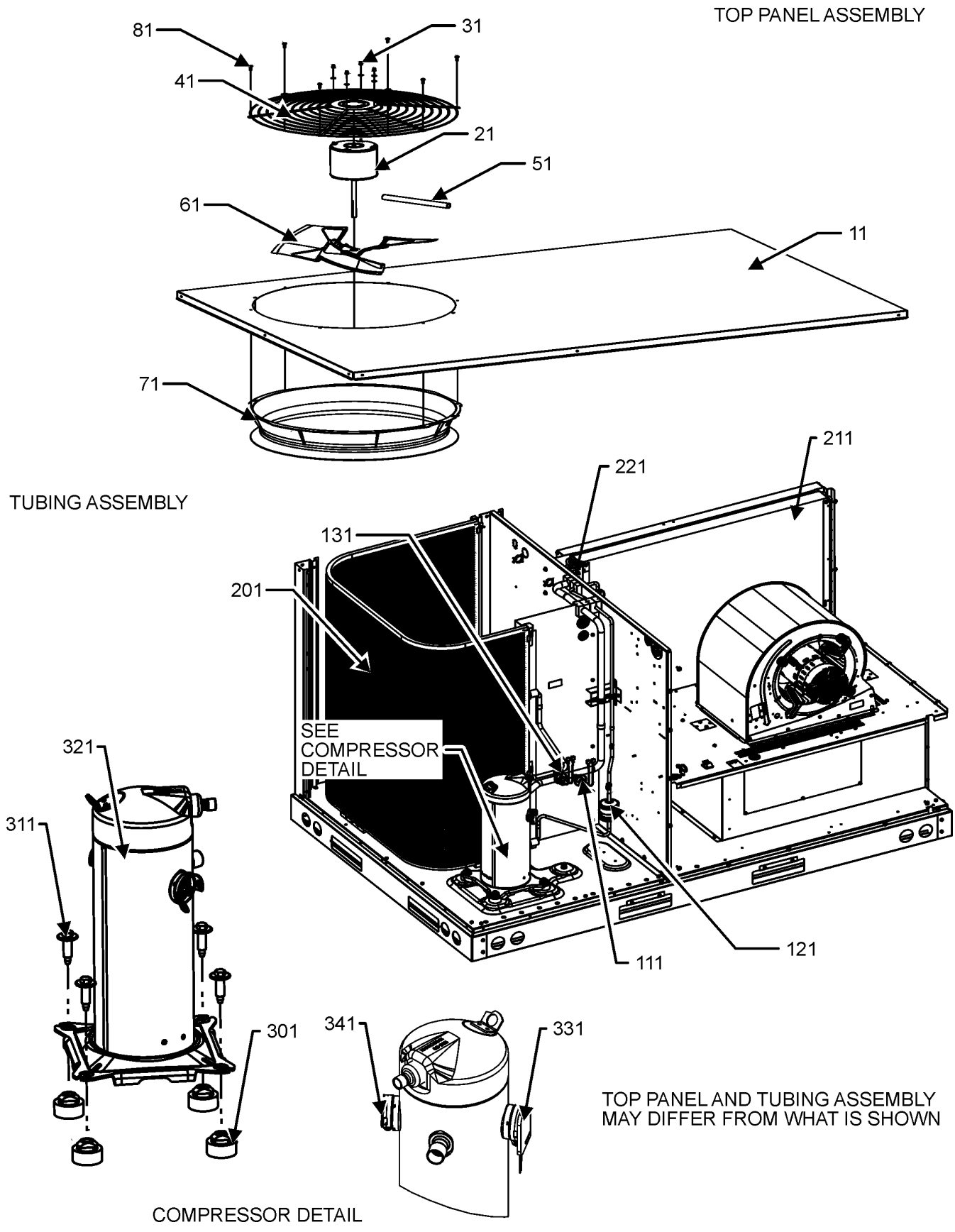
Image 1:

51	0121L01650SB	PAINTED FILTER PANEL
61	0121L01651SB	PAINTED ECONOMIZER PANEL
71	0121L03627SB	PAINTED, PANEL GAS BLOWER
91	0121L02265SB	PAINTED COMPRESSOR PANEL
101	0121L02262SB	PAINTED CONTROL BOX PANEL
111	0121L03643SB	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	0121L03346SB	PAINTED, DUCT PANEL
351	0121L03443SB	PAINTED, GAS INLET PANEL
381	B1392139	VIEW PORT BUSHING, CLEAR 1.00
391	0270L01444	ASSY., FILTER HOLDER
NS	0160L00136	AIR FILTER (QTY 2)
NS	0160L00173	AIR FILTER (QTY 2)
NS	B1910010	GAS LINE GROMMET
NS	0121L03931	HEAT EXCHANGER FLASHING
NS	0121L03288SB	PAINTED, COLLAR, FLUE

Expanded Model Nomenclature

M1 - DSG0723WH00001FAA
M2 - DSG0723WL00001FAA
M3 - DSG0723WM00001FAA
M4 - DSG0724WH00001FAA
M5 - DSG0724WL00001FAA
M6 - DSG0724WM00001FAA
M7 - DSG0727WH00001FAA
M8 - DSG0727WL00001FAA
M9 - DSG0727WM00001FAA

TOP PANEL AND TUBING ASSEMBLY



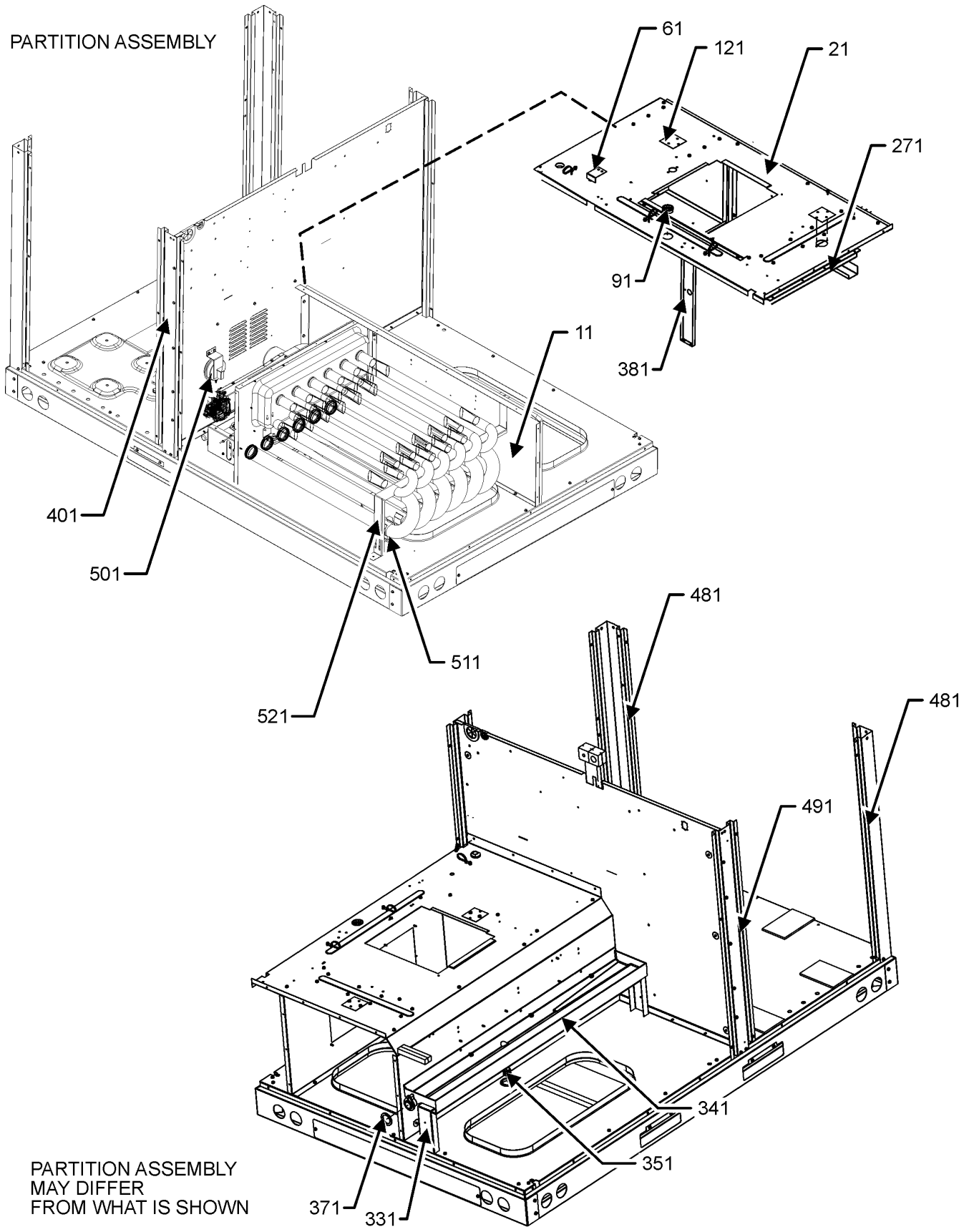
TOP PANEL AND TUBING ASSEMBLY

Ref. No:	Part 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, M8, M9)
31	0163M00006P	ACORN NUT 5/16 HEX BLACK (QTY 4)
41	0152G00000	FAN GRILLE, RAISED
51	0161R00124	CONDUIT
61	B1086765	FAN BLADE, TYPE 3
71	0161R00048	MOLDED 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	0201L00772	ASSY., COIL BENT
211	0202L00678	ID. COIL, TUBING ASSEMBLY
221	0251L00188	ASSY., EXPANSION VALVE R32
301	B1339533	COMPRESSOR GROMMET (QTY 4)
311	B1393740	COMP. BOLT & SLEEVE (QTY 4)
321	YPS60K1TTF5ASC	COMPRESSOR (M1, M2, M3)
321	YPS60K1TTFDASC	COMPRESSOR (M4, M5, M6)
321	YPS60K1TTFEASC	COMPRESSOR (M7, M8, M9)
331	0159L00065	HARNESS-COMP SCROLL
341	0159G00010	CABLE, COMPR SCROLL
NS	0141L00003X	BOARD-FORK (QTY 2)
NS	0121L03516	PNL, BRACKET, FORK BOARD (QTY 4)
NS	0163M00629	RED CAP WITH O-RING (QTY 3)
NS	0163M00005P	WASHER, BLACK (.50 OD .218ID) (QTY 4)
NS	0163M00005P	WASHER, BLACK (.50 OD .218ID) (QTY 4)

Expanded Model Nomenclature

M1 - DSG0723WH00001FAA
M2 - DSG0723WL00001FAA
M3 - DSG0723WM00001FAA
M4 - DSG0724WH00001FAA
M5 - DSG0724WL00001FAA
M6 - DSG0724WM00001FAA
M7 - DSG0727WH00001FAA
M8 - DSG0727WL00001FAA
M9 - DSG0727WM00001FAA

PARTITION ASSEMBLY



PARTITION ASSEMBLY

Ref. No:	Part No:	Description:	Ref. No:	Part No:	Description:

Image 1:

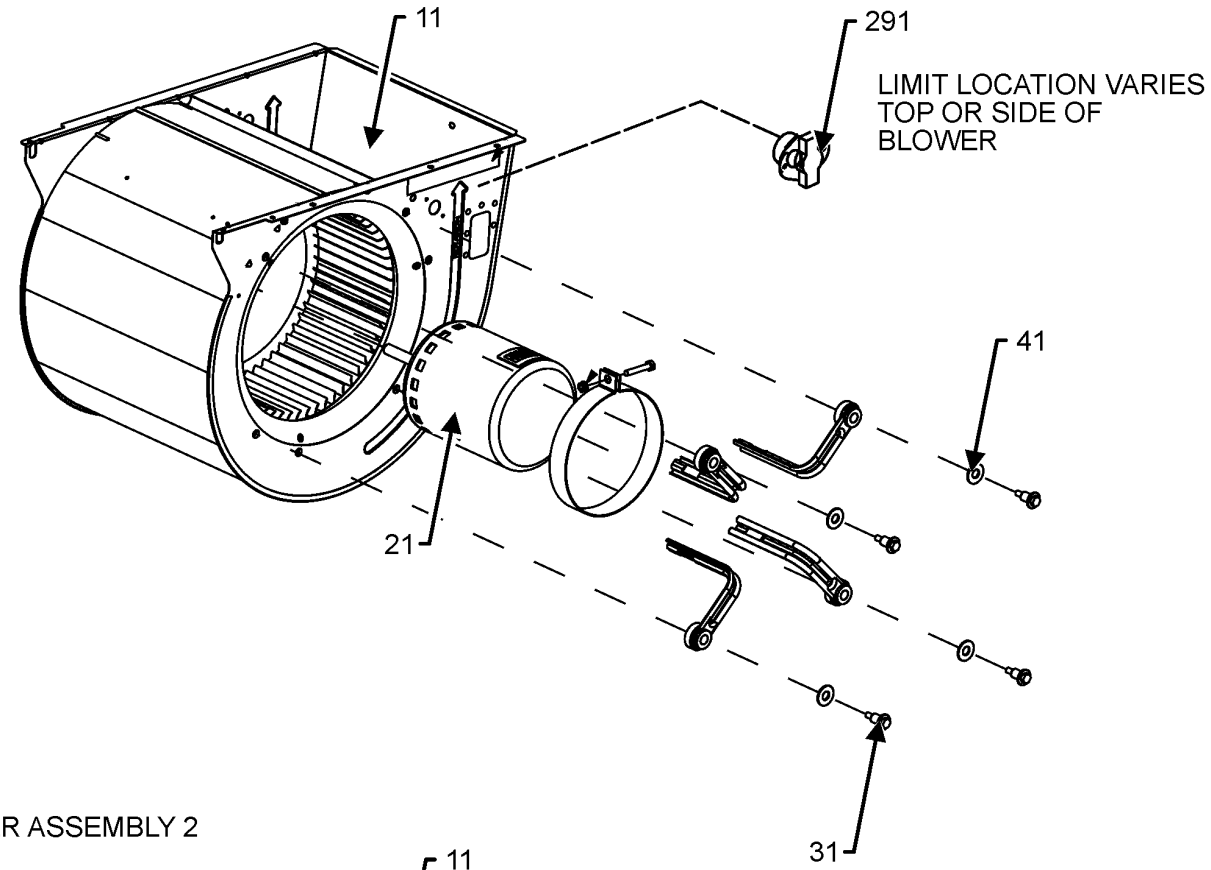
11	0121L05068	BLOWER DECK SIDE
21	0121L05160	PANEL, BLOWER DECK
61	0121L01709	BLOWER DECK PLATE
91	B1392147	UNIVERSIAL BUSHING WITH SLICE
121	0121L00321	COVER-SMOKE DETECTOR (QTY 2)
271	0121L02633	BLOWER DECK U-BRACKET
331	0121L01628	DRAINPAN SUPPORT
341	0161L00007	DRAIN PAN, EVAPORATOR 3-5 TON
351	0163L00071	PLUG, DRAIN
371	0154L00180	GASKET, DRAIN PAN
381	0121L00300	POST-DECK SUPPORT
401	0121L03445SB	PAINTED, SIDE POST
481	0121L01625SB	POST, CORNER (QTY 2)
491	0121L04308SB	PAINTED, SIDE POST
501	11112501	SWITCH-PRESSURE
511	0121L02935	BRACKET, SUPPORT, TUBE
521	0121L03320	BRACKET, TUBE SUPPORT
NS	0164M00111	GROMMET-D
NS	0164G00005	GROMMET-HORSESHOW 1.675

Expanded Model Nomenclature

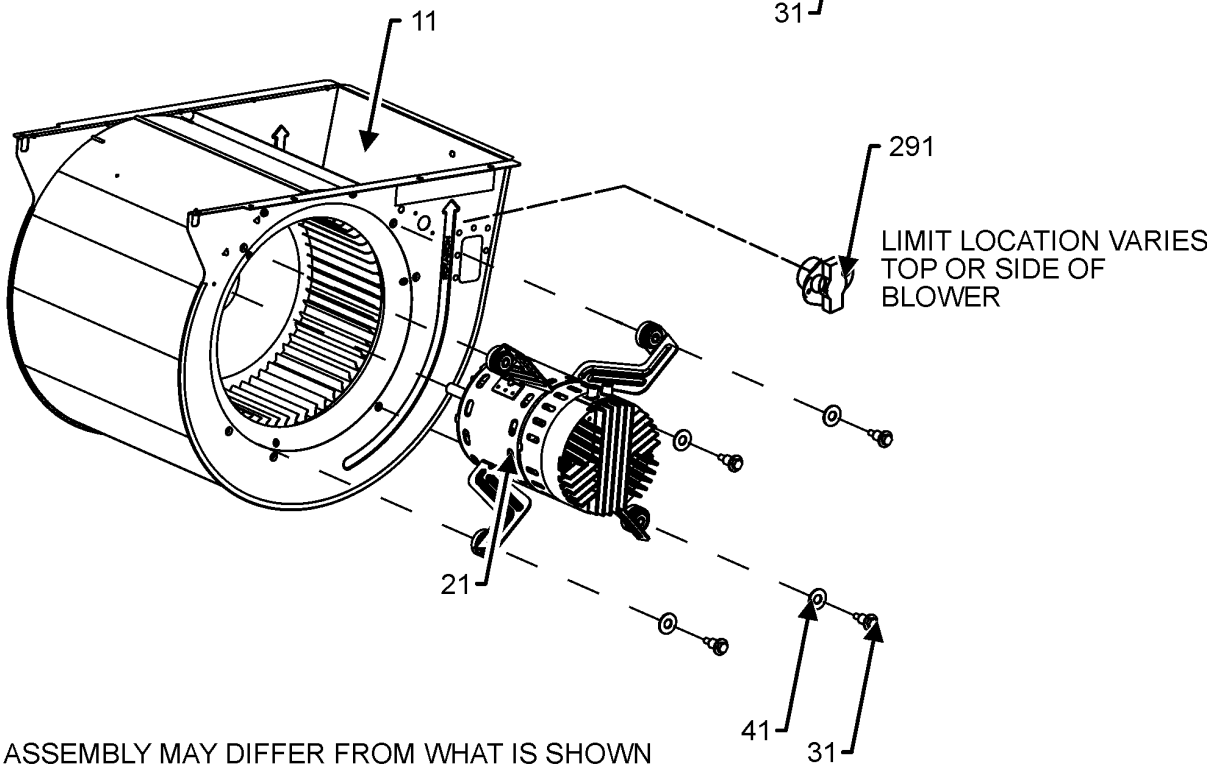
M1 - DSG0723WH00001FAA
M2 - DSG0723WL00001FAA
M3 - DSG0723WM00001FAA
M4 - DSG0724WH00001FAA
M5 - DSG0724WL00001FAA
M6 - DSG0724WM00001FAA
M7 - DSG0727WH00001FAA
M8 - DSG0727WL00001FAA
M9 - DSG0727WM00001FAA

BLOWER ASSEMBLY

BLOWER ASSEMBLY 1



BLOWER ASSEMBLY 2



BLOWER ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

BLOWER ASSEMBLY

Ref. No:	Part No:	Description:	Ref. No:	Part No:	Description:

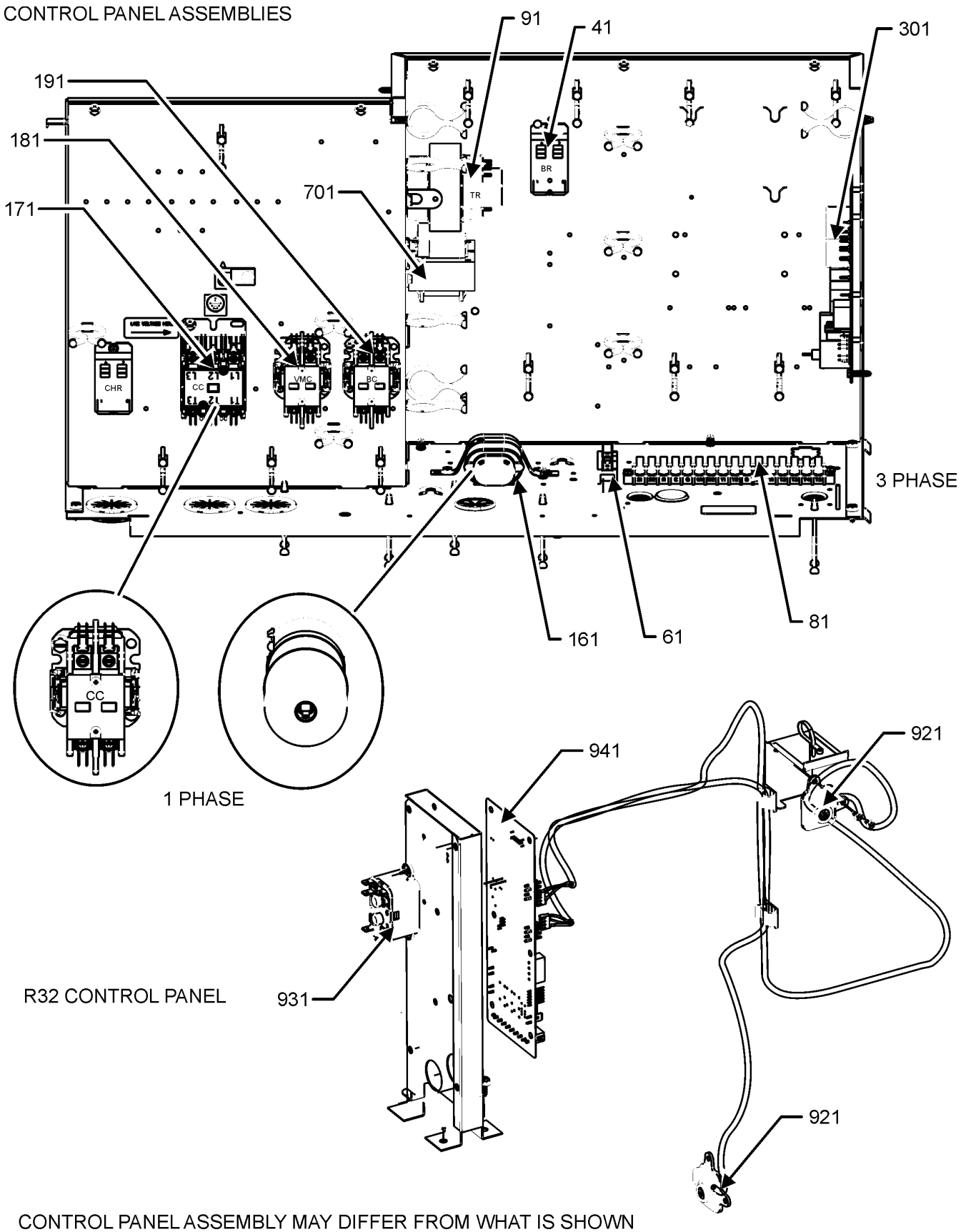
Image 1:

11	0271L00137	ASSY., BLOWER HOUSING
21	0131L00575	MOTOR- PROGRAMMED (M2, M5, M8)
21	0131L00576	MOTOR- PROGRAMMED (M3, M6, M9)
21	0131L00577	MOTOR- PROGRAMMED (M1, M4, M7)
31	M0250565	SCREW-TC 1.25" (QTY 4)
41	B1392918	WASHER, FLAT 1/4 ID X 1 OD (QTY 4)
291	20162904	LIMIT, PRIMARY

Expanded Model Nomenclature

M1 - DSG0723WH00001FAA
M2 - DSG0723WL00001FAA
M3 - DSG0723WM00001FAA
M4 - DSG0724WH00001FAA
M5 - DSG0724WL00001FAA
M6 - DSG0724WM00001FAA
M7 - DSG0727WH00001FAA
M8 - DSG0727WL00001FAA
M9 - DSG0727WM00001FAA

CONTROL BOX ASSEMBLY



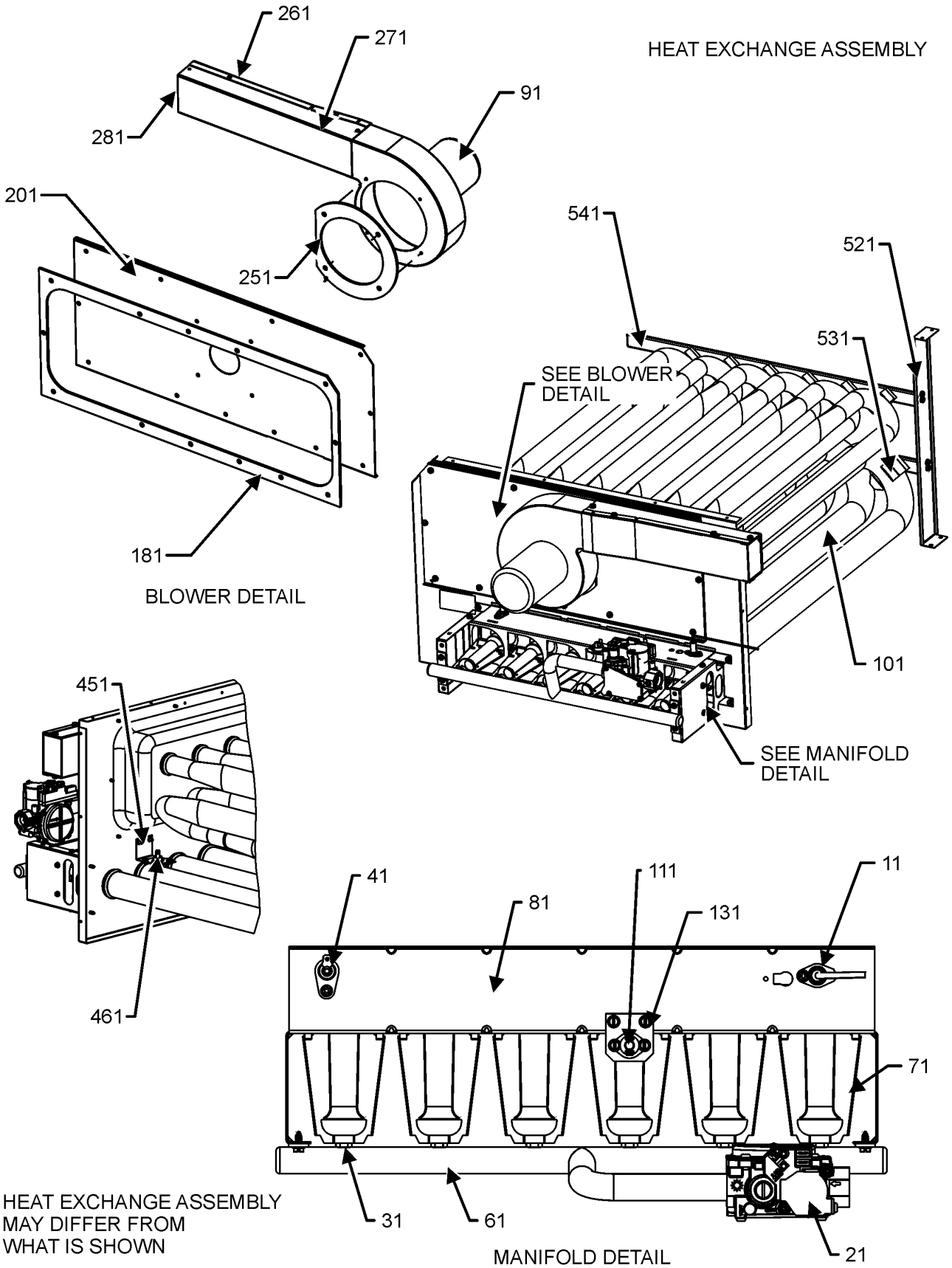
CONTROL BOX ASSEMBLY

Ref. No:	Part No:	Description:
Image 1:		
41	0130M00178	DPDT RELAY 24VAC
61	802007090	TERM BOARD
81	0130M00038	TERMINAL BOARD
91	0130M00859	TRANSFORMER
161	CAP100000440LA	CAP 10 MFD/440V/OVAL (M4, M5, M6)
161	CAP100000370LA	CAP, 10 MFD/370V/OVAL (M1, M2, M3)
161	CAP050000440LA	CAPACITOR (M7, M8, M9)
171	CONT3P030024D	CONT, 3 POLE, 30 AMP, 24VAC
181	CONT2P040024D	CONT, 2 POLE, 40 AMP, 24VAC
191	CONT3P030024D	CONT, 3 POLE, 30 AMP, 24VAC
301	PCBAG123	PCB, IGNITION,DSI, INTEG
701	0130M00860	TRANSFORMER (M7, M8, M9)
701	0130M00862	TRANSFORMER (M4, M5, M6)
921	SER2A08012	SENSATA R32 SENSOR
931	10135604	RELAY
941	PCBCM301V0001	PCB CONTROL CIR HANDLER
NS	0164M00127	BOOT, CAPACITOR
NS	20520901	STRAP-CAPACITOR

Expanded Model Nomenclature

M1 - DSG0723WH00001FAA
M2 - DSG0723WL00001FAA
M3 - DSG0723WM00001FAA
M4 - DSG0724WH00001FAA
M5 - DSG0724WL00001FAA
M6 - DSG0724WM00001FAA
M7 - DSG0727WH00001FAA
M8 - DSG0727WL00001FAA
M9 - DSG0727WM00001FAA

HEAT EXCHANGE ASSEMBLY



HEAT EXCHANGE ASSEMBLY

Ref. No:	Part No:	Description:
Image 1:		
11	20261709	IGNITOR
21	0151F00000P	GAS VALVE - WHITE-RODGERS 2-STAGE
31	0163F00018	ORIFICE (QTY 6)
41	0130F00010	FLAME SENSOR (M1, M3, M4, M6, M7, M9)
41	0130M00719	FLAME SENSOR (M2, M5, M8)
61	0163L00026	MANIFOLD-GAS 4 BURNER (M2, M5, M8)
61	0163L00029	MANIFOLD-GAS, 5 BURNER (M3, M6, M9)
61	0163L00025	MANIFOLD-GAS, 6 BURNER (M1, M4, M7)
71	0163F00017	BECKETT BURNER (QTY 6)
81	0121F00454	BRACKET-BURNER 4 (M2, M5, M8)
81	0121F00453	BRACKET-BURNER 5 (M3, M6, M9)
81	0121F00451	BRACKET-BURNER 6 (M1, M4, M7)
91	0131M00121	BLOWER-ID COMBUSTION
101	0270L01362	ASSY, PANEL, PARTITION/TUBE, 4 (M2, M5, M8)
101	0270L01361	ASSY, PANEL, PARTITION/TUBE, 5 (M3, M6, M9)
101	0270L02419	ASSY., TUBE PARTITION PANEL (M1, M4, M7)
111	10123532	LIMIT-RESET MAN-GRAY
131	0121L00053	BRACKET-FLAME ROLLOUT
181	0154L00018	GASKET-ID BLOWER PLATE 2,4 (M2, M5, M8)
181	0154L00017	GASKET-ID BLOWER PLATE 6 (M1, M3, M4, M6, M7, M9)
201	0121L03667	PLATE, ID BLOWER (M3, M6, M9)
201	0121L03745	PLATE, ID BLOWER (M1, M4, M7)
201	0121L03365	PLATE,ID BLOWER (M2, M5, M8)
251	0154L00020	GASKET-ID BLOWER
261	0121L00277	FLUE-CHANNEL
271	0121L00278	FLUE-SIDE COVER
281	0163L00072	SCREEEN-FLUE
451	0121L03948	BRACKET, PRIMARY LIMIT
461	0130F00035	LIMIT, PRIMARY (M2, M5, M8)
461	0130F00071	LIMIT, PRIMARY (M1, M3, M4, M6, M7, M9)
521	0121L03320	BRACKET, TUBE SUPPORT
531	0121L03125	BRACKET, TUBE (QTY 6)
541	0121L02935	BRACKET, SUPPORT, TUBE
NS	0121F00467	ORIFICE BRACKET-BURNER 4 (M2, M5, M8)
NS	0121F00466	ORIFICE BRACKET-BURNER 5 (M3, M6, M9)
NS	0121F00465	ORIFICE BRACKET-BURNER 6 (M1, M4, M7)

Expanded Model Nomenclature

M1 - DSG0723WH00001FAA
M2 - DSG0723WL00001FAA
M3 - DSG0723WM00001FAA
M4 - DSG0724WH00001FAA
M5 - DSG0724WL00001FAA
M6 - DSG0724WM00001FAA
M7 - DSG0727WH00001FAA
M8 - DSG0727WL00001FAA
M9 - DSG0727WM00001FAA

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. No:	Part No:	Description:	Ref. No:	Part 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 - DSG0723WH00001FAA
M2 - DSG0723WL00001FAA
M3 - DSG0723WM00001FAA
M4 - DSG0724WH00001FAA
M5 - DSG0724WL00001FAA
M6 - DSG0724WM00001FAA
M7 - DSG0727WH00001FAA
M8 - DSG0727WL00001FAA
M9 - DSG0727WM00001FAA