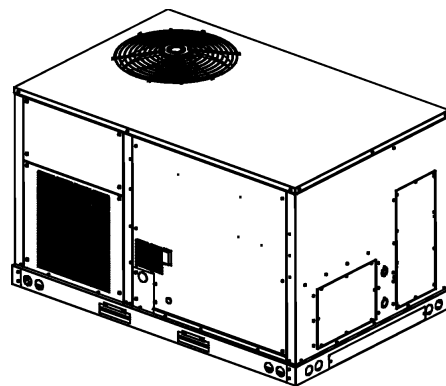


DSG Commercial 4 Ton Package Gas Unit

DSG0481DH00001SAA
DSG0481DL00001SAA
DSG0483DH00001SAA
DSG0483DL00001SAA
DSG0483DM00001SAA
DSG0484DH00001SAA
DSG0484DL00001SAA
DSG0484DM00001SAA
DSG0487DH00001SAA



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:

0163F00017	BECKETT BURNER (QTY 5)
0150L00003	BLADE-FAN 22" ALUM. CCW 30 DEG
CAP100000440LA	CAP 10 MFD/440V/OVAL (M6, M7, M8)
CAP100000370LA	CAP, 10 MFD/370V/OVAL (M3, M4, M5)
CAP100450440CS	CAP, 10/45 MFD/ 440V DUAL RD (M1, M2)
CAP050000440LA	CAPACITOR (M9)
YP40K1TTFEASC	COMPRESSOR (M9)
YP40K1TTF5ASC	COMPRESSOR (M3, M4, M5)
YP40K1TPFVASC	COMPRESSOR (M1, M2)
YP40K1TTFDASC	COMPRESSOR (M6, M7, M8)
CONT2P040024D	CONT, 2 POLE, 40 AMP, 24 VAC (M1, M2)
CONT2P040024D	CONT, 2 POLE, 40 AMP, 24 VAC
CONT2P040024D	CONT, 2 POLE, 40 AMP, 24 VAC (M1, M2, M3, M4, M5)
CONT3P030024D	CONT, 3 POLE, 30 AMP, 24 VAC (M3, M4, M5, M6, M7, M8, M9)
CONT3P030024D	CONT, 3 POLE, 30 AMP, 24 VAC (M6, M7, M8, M9)
0130M00719	FLAME SENSOR (M2, M4, M5, M7, M8)
0130F00010	FLAME SENSOR (M1, M3, M6, M9)
0151F00000P	GAS VALVE - WHITE-RODGERS 2-STAGE
20261709	IGNITOR
20162901	LIMIT, PRIMARY (M4, M7)
0130F00035	LIMIT, PRIMARY (M1, M3, M6, M9)
20162904	LIMIT, PRIMARY
0130M00663	LIMIT, PRIMARY (M2, M5, M8)
10123532	LIMIT-RESET MAN-GRAY (M1, M3, M4, M6, M7, M9)
0131L00568	MOTOR- PROGRAMMED (M6, M9)
0131L00561	MOTOR- PROGRAMMED (M2)
0131L00562	MOTOR- PROGRAMMED (M1)
0131L00563	MOTOR- PROGRAMMED (M4)
0131L00564	MOTOR- PROGRAMMED (M5)
0131L00565	MOTOR- PROGRAMMED (M3)
0131L00567	MOTOR- PROGRAMMED (M8)
0131L00566	MOTOR- PROGRAMMED (M7)
0131M00430	MOTOR, 1/3 HP, 1 SP, 6 PL (M1, M2, M3, M4, M5)
0131M00774	MOTOR, 1/3 HP, OD (M6, M7, M8)
0131M00858	MOTOR, 1/3 HP, OD (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
0130M00859	TRANSFORMER (M1, M2, M3, M4, M5, M6, M7, M8)
0130M00861	TRANSFORMER (M9)
0130M00862	TRANSFORMER (M6, M7, M8)
0130M00860	TRANSFORMER (M9)

SPECIAL PARTS

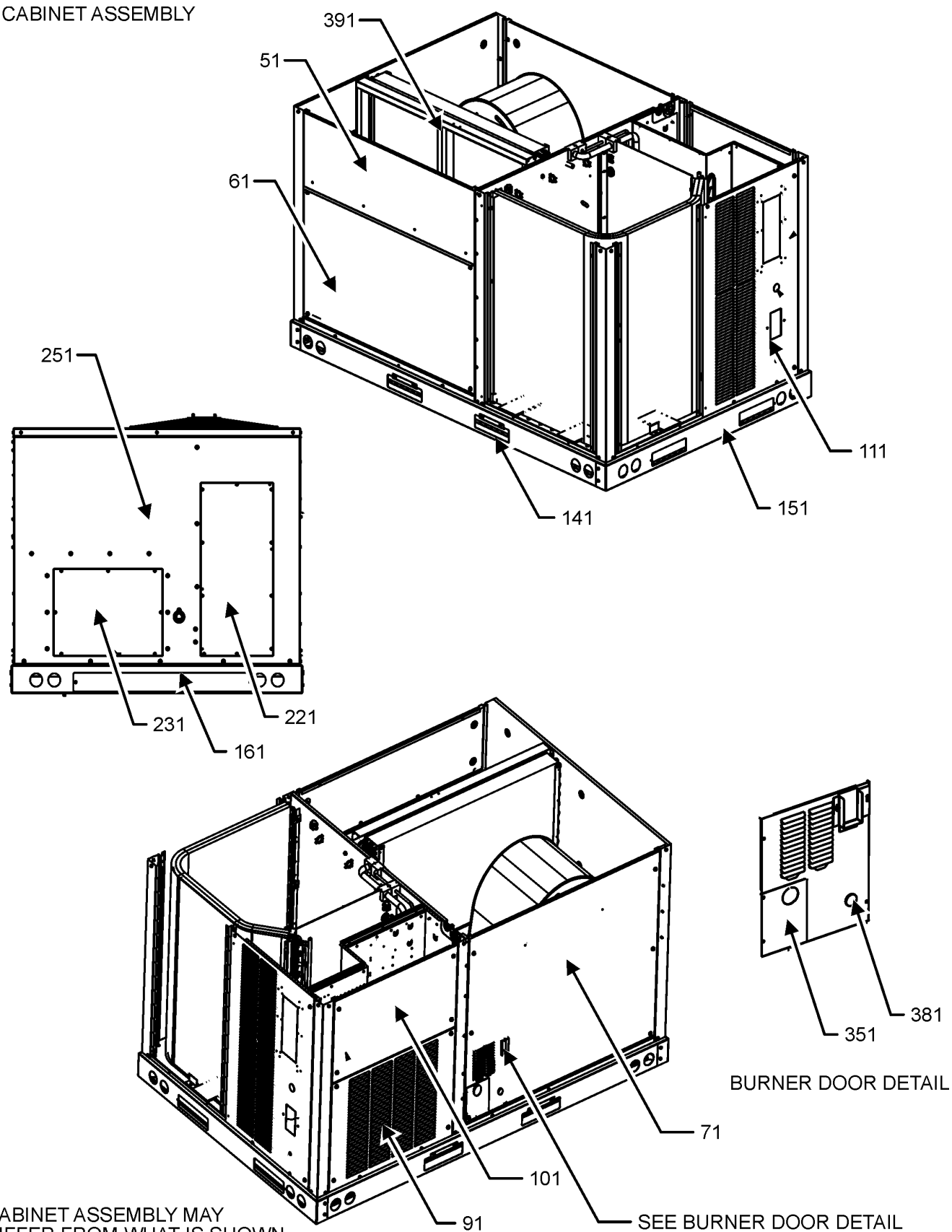
RP-FIOPS*	ACCESSORY RP MANUAL
RP-HXS*	HEAT EXCHANGE MANUAL
RP-EHS(D/B)*	HEATER KIT RP MANUAL
RP-EHX(D/B)*	HEATER KIT RP MANUAL

Expanded Model Nomenclature

M1 - DSG0481DH00001SAA
M2 - DSG0481DL00001SAA
M3 - DSG0483DH00001SAA
M4 - DSG0483DL00001SAA
M5 - DSG0483DM00001SAA
M6 - DSG0484DH00001SAA
M7 - DSG0484DL00001SAA
M8 - DSG0484DM00001SAA
M9 - DSG0487DH00001SAA

CABINET ASSEMBLY

CABINET ASSEMBLY



CABINET ASSEMBLY

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

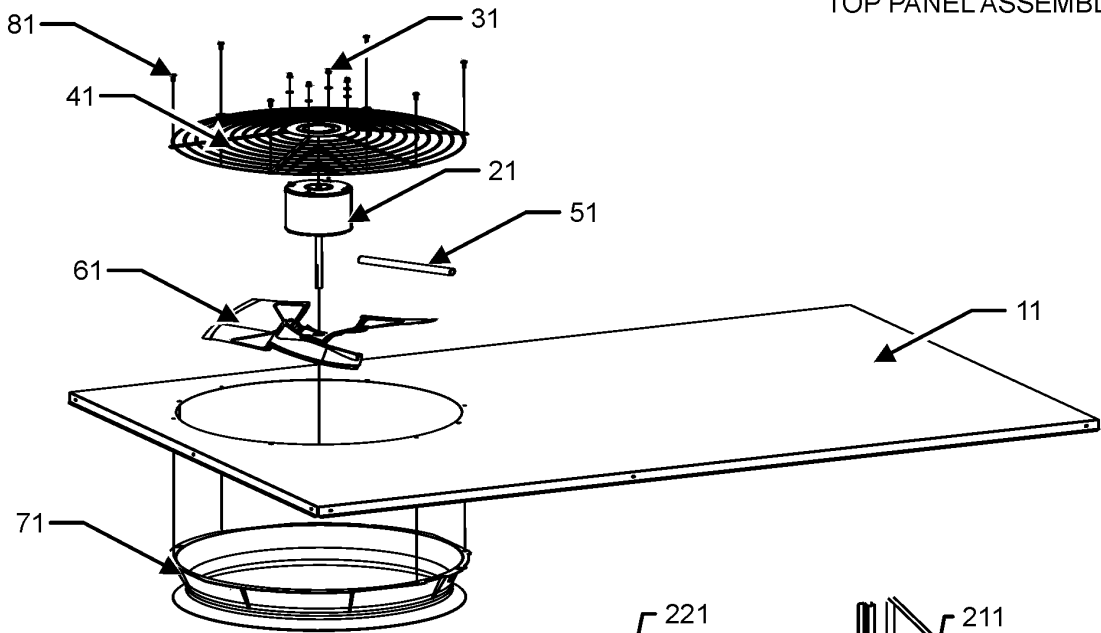
51	0121L01734SB	PAINTED FILTER PANEL
61	0121L01651SB	PAINTED ECONOMIZER PANEL
71	0121L03626SB	PAINTED, PANEL, GAS BLOWER
91	0121L02263SB	PAINTED COMPRESSOR PANEL
101	0121L02262SB	PAINTED CONTROL BOX PANEL
111	0121L03642SB	PAINTED, COMPRESSOR BACK PANEL
141	0121L04850	RAIL, SIDE (QTY 2)
151	0121L01621	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
381	B1392139	VIEW PORT BUSHING, CLEAR 1.00
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

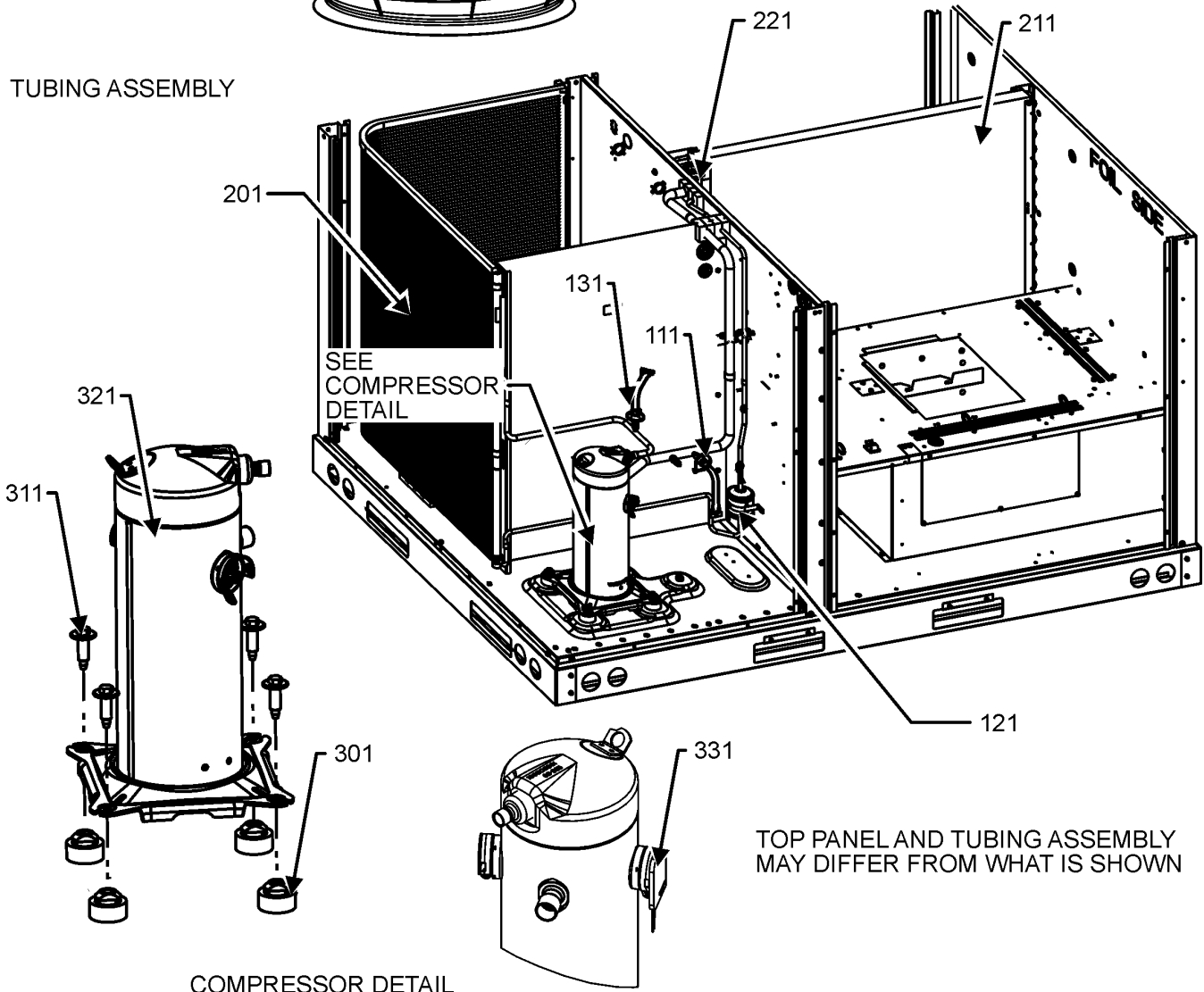
M1 - DSG0481DH00001SAA
M2 - DSG0481DL00001SAA
M3 - DSG0483DH00001SAA
M4 - DSG0483DL00001SAA
M5 - DSG0483DM00001SAA
M6 - DSG0484DH00001SAA
M7 - DSG0484DL00001SAA
M8 - DSG0484DM00001SAA
M9 - DSG0487DH00001SAA

TOP PANEL AND TUBING ASSEMBLY

TOP PANEL ASSEMBLY



TUBING ASSEMBLY



COMPRESSOR DETAIL

TOP PANEL AND TUBING ASSEMBLY

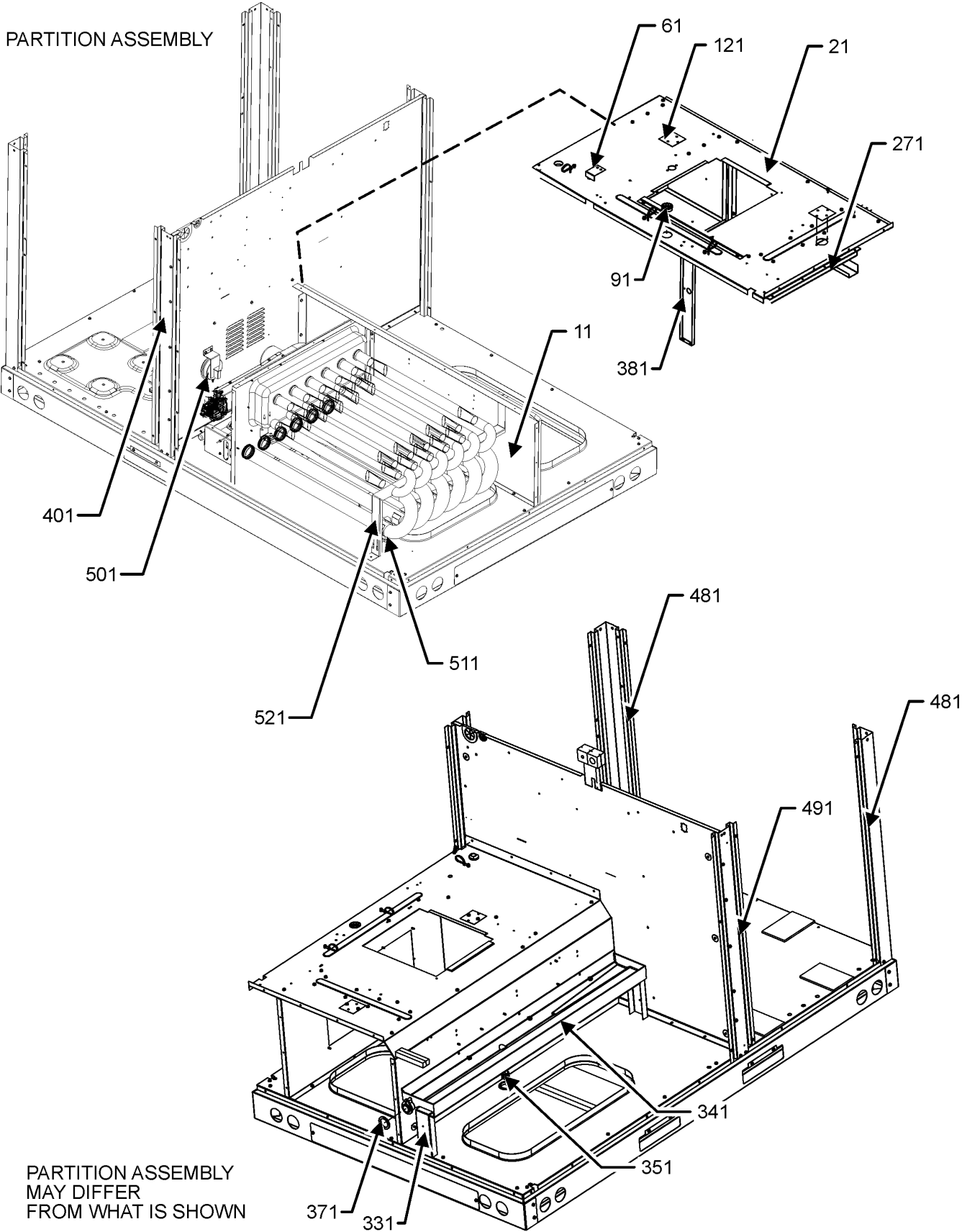
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0121L01626SB		PAINTED, TOP PANEL
21	0131M00430		MOTOR, 1/3 HP, 1 SP, 6 PL (M1, M2, M3, M4, M5)
21	0131M00774		MOTOR, 1/3 HP, OD (M6, M7, M8)
21	0131M00858		MOTOR, 1/3 HP, OD (M9)
31	0163M00006P		ACORN NUT 5/16 HEX BLACK (QTY 4)
41	0152G00000		FAN GRILLE, RAISED
51	0161R00124		CONDUIT
61	0150L00003		BLADE-FAN 22" ALUM. CCW 30 DEG
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	0201L00766		ASSY., COIL BENT
211	0202L00670		ID. COIL, TUBING ASSEMBLY
221	0251L00182		ASSY., EXPANSION VALVE R32
301	B1339533		COMPRESSOR GROMMET (QTY 4)
311	B1393740		COMP. BOLT & SLEEVE (QTY 4)
321	YP40K1TPFVASC		COMPRESSOR (M1, M2)
321	YP40K1TTF5ASC		COMPRESSOR (M3, M4, M5)
321	YP40K1TTFDASC		COMPRESSOR (M6, M7, M8)
321	YP40K1TTFEASC		COMPRESSOR (M9)
331	0159L00027		HARNESS-COMP SCROLL (M1, M2)
331	0159L00065		HARNESS-COMP SCROLL (M3, 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 - DSG0481DH00001SAA
M2 - DSG0481DL00001SAA
M3 - DSG0483DH00001SAA
M4 - DSG0483DL00001SAA
M5 - DSG0483DM00001SAA
M6 - DSG0484DH00001SAA
M7 - DSG0484DL00001SAA
M8 - DSG0484DM00001SAA
M9 - DSG0487DH00001SAA

PARTITION ASSEMBLY

PARTITION ASSEMBLY



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:

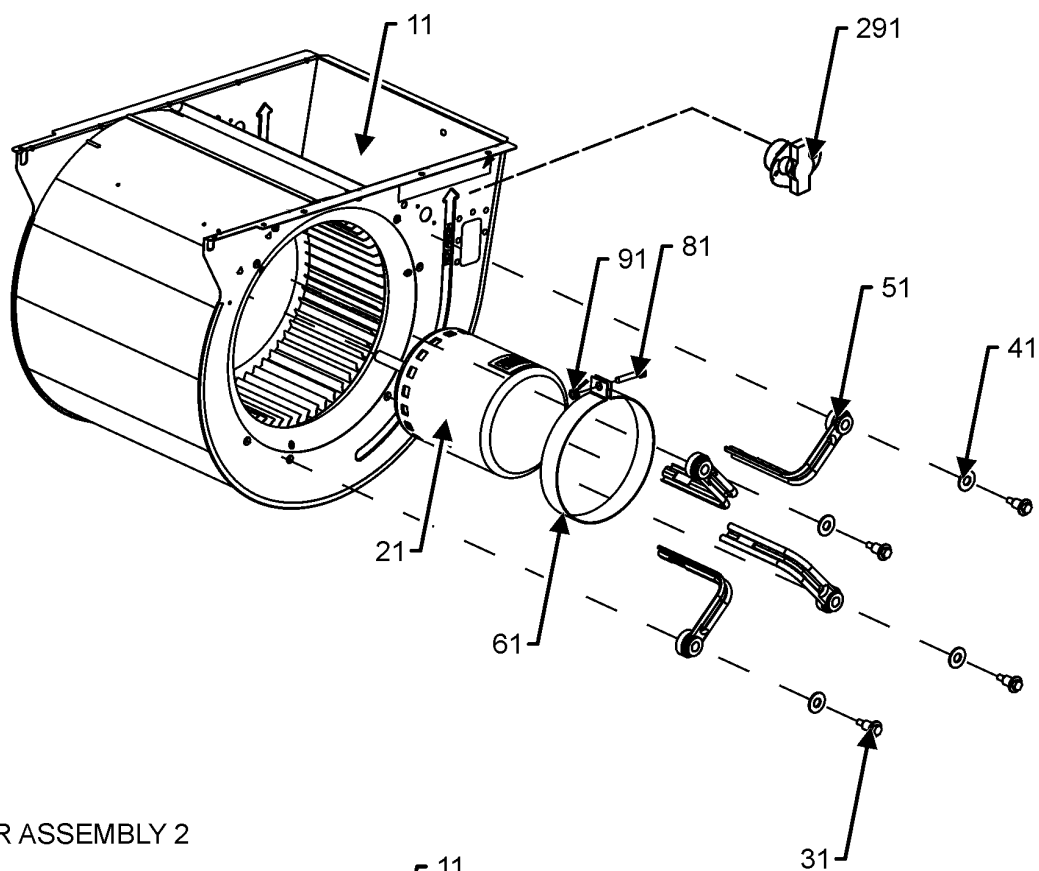
11	0121L05068	BLOWER DECK SIDE
21	0121L05160	PANEL, BLOWER DECK
61	0121L01709	BLOWER DECK PLATE
91	B1392147	UNIVERSIAL BUSHING WITH SLICE
121	0121L00321	COVER-SMOKE DETECTOR (QTY 2)
271	0121L02633	BLOWER DECK U-BRACKET
331	0121L02985	DRAINPAN SUPPORT
341	0161L00007	DRAIN PAN, EVAPORATOR 3-5 TON
351	0163L00071	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	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

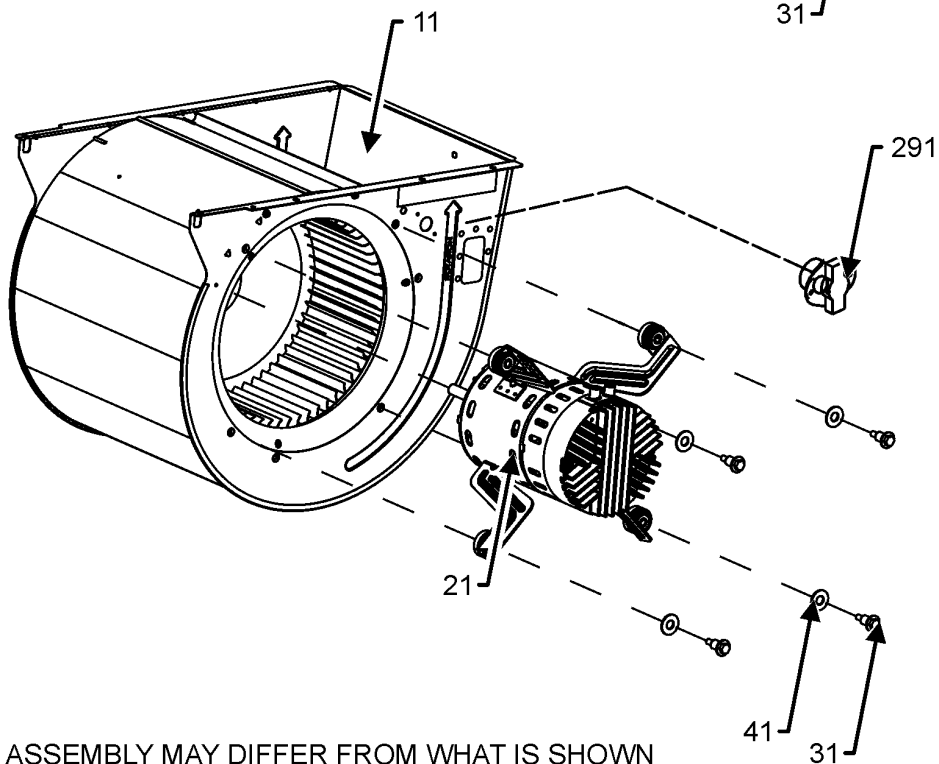
M1 - DSG0481DH00001SAA
M2 - DSG0481DL00001SAA
M3 - DSG0483DH00001SAA
M4 - DSG0483DL00001SAA
M5 - DSG0483DM00001SAA
M6 - DSG0484DH00001SAA
M7 - DSG0484DL00001SAA
M8 - DSG0484DM00001SAA
M9 - DSG0487DH00001SAA

BLOWER ASSEMBLY

BLOWER ASSEMBLY 1



BLOWER ASSEMBLY 2



BLOWER ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

BLOWER ASSEMBLY

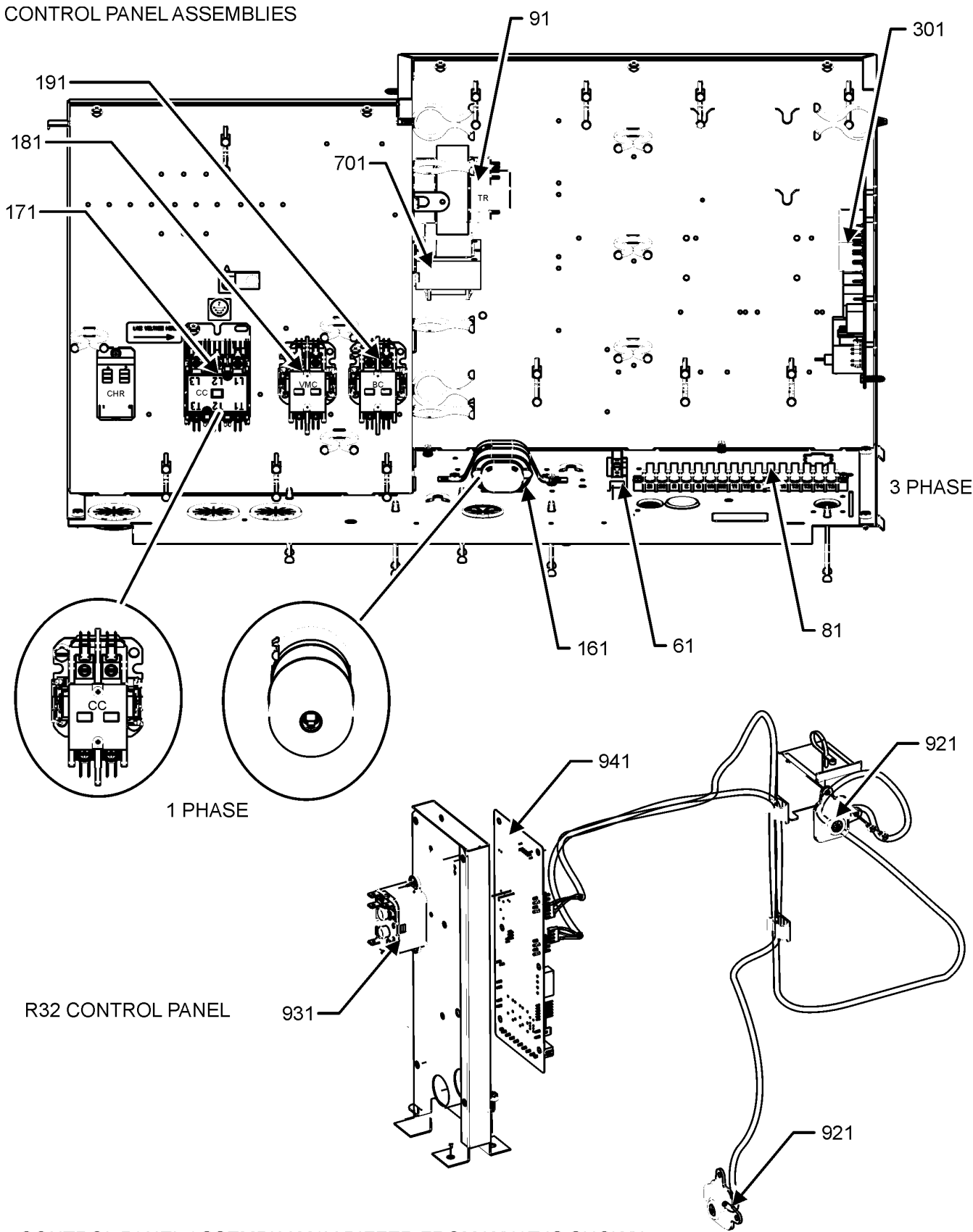
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0271L00137		ASSY., BLOWER HOUSING (M6, M7, M8, M9)
11	0271L00133		ASSY., HOUSING, BLWR (M1, M2, M3, M4, M5)
21	0131L00561		MOTOR- PROGRAMMED (M2)
21	0131L00562		MOTOR- PROGRAMMED (M1)
21	0131L00563		MOTOR- PROGRAMMED (M4)
21	0131L00564		MOTOR- PROGRAMMED (M5)
21	0131L00565		MOTOR- PROGRAMMED (M3)
21	0131L00566		MOTOR- PROGRAMMED (M7)
21	0131L00567		MOTOR- PROGRAMMED (M8)
21	0131L00568		MOTOR- PROGRAMMED (M6, M9)
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)
61	10441601		BAND-MTR MOUNT (M1, M2, M3, M4, M5)
81	0163M00320		HEX HEAD ALL THREAD TAP BOLT (M1, M2, M3, M4, M5)
91	B1393800		LOCKNUT, NYLON, INSERT 1/4,20 (M1, M2, M3, M4, M5)
291	20162904		LIMIT, PRIMARY

Expanded Model Nomenclature

M1 - DSG0481DH00001SAA
M2 - DSG0481DL00001SAA
M3 - DSG0483DH00001SAA
M4 - DSG0483DL00001SAA
M5 - DSG0483DM00001SAA
M6 - DSG0484DH00001SAA
M7 - DSG0484DL00001SAA
M8 - DSG0484DM00001SAA
M9 - DSG0487DH00001SAA

CONTROL BOX ASSEMBLY

CONTROL PANEL ASSEMBLIES



CONTROL PANEL ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

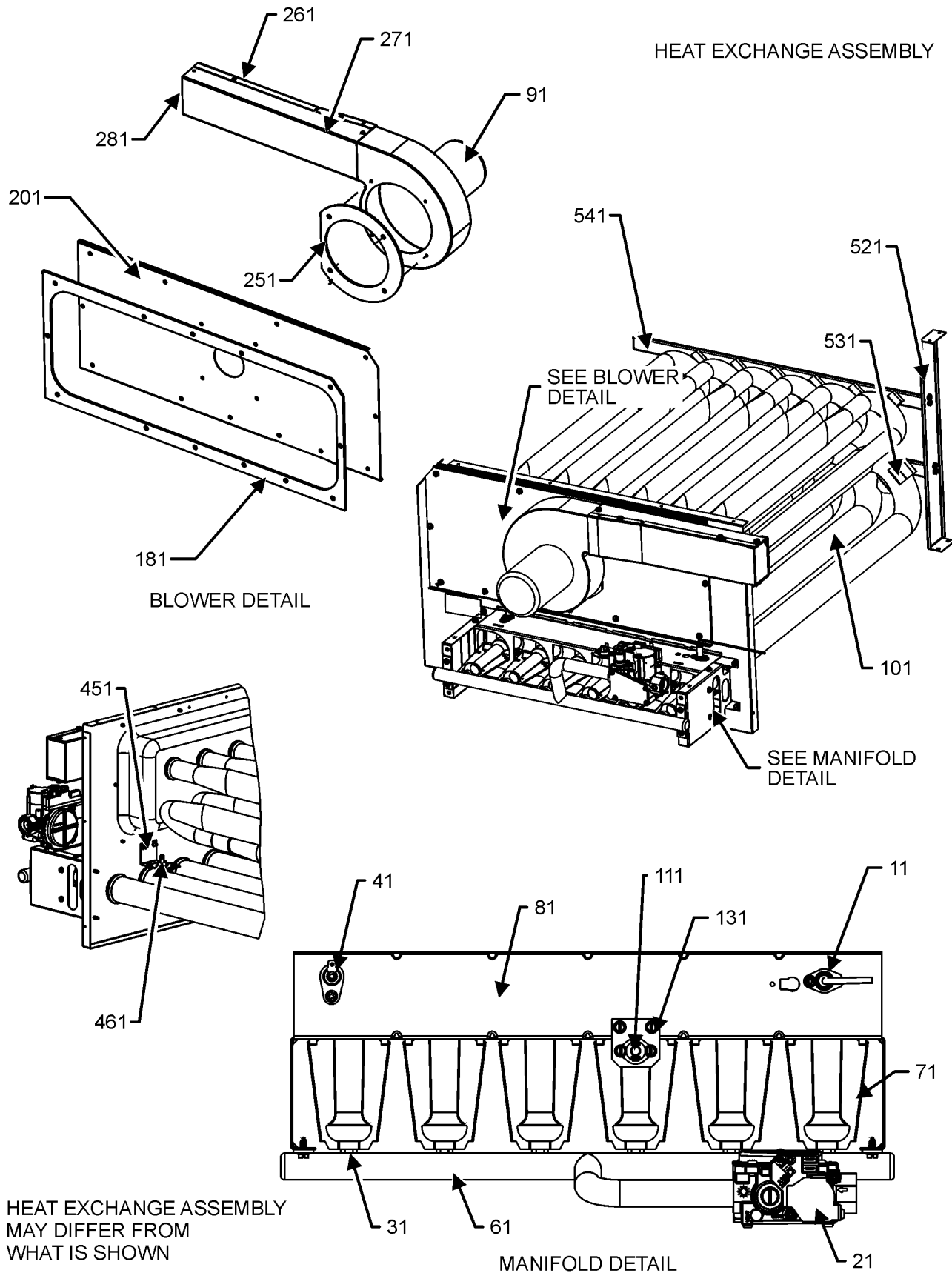
CONTROL BOX ASSEMBLY

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
61	802007090		TERM BOARD
81	0130M00038		TERMINAL BOARD
91	0130M00859		TRANSFORMER (M1, M2, M3, M4, M5, M6, M7, M8)
91	0130M00860		TRANSFORMER (M9)
91	0130M00861		TRANSFORMER (M9)
161	CAP100000440LA		CAP 10 MFD/440V/OVAL (M6, M7, M8)
161	CAP100000370LA		CAP, 10 MFD/370V/OVAL (M3, M4, M5)
161	CAP100450440CS		CAP, 10/45 MFD/ 440V DUAL RD (M1, M2)
161	CAP050000440LA		CAPACITOR (M9)
171	CONT2P040024D		CONT, 2 POLE, 40 AMP, 24 VAC (M1, M2)
171	CONT3P030024D		CONT, 3 POLE, 30 AMP, 24 VAC (M3, M4, M5, M6, M7, M8, M9)
181	CONT2P040024D		CONT, 2 POLE, 40 AMP, 24 VAC
191	CONT2P040024D		CONT, 2 POLE, 40 AMP, 24 VAC (M1, M2, M3, M4, M5)
191	CONT3P030024D		CONT, 3 POLE, 30 AMP, 24 VAC (M6, M7, M8, M9)
301	PCBAG123		PCB, IGNITION,DSI, INTEG
701	0130M00862		TRANSFORMER (M6, M7, M8)
921	SER2A08012		SENSATA R32 SENSOR
931	10135604		RELAY
941	PCBCM301V0001		PCB CONTROL CIR HANDLER
NS	0164M00127		BOOT, CAPACITOR (M3, M4, M5, M6, M7, M8, M9)
NS	0164M00079		BOOT-CAPACITOR, ROUND (M1, M2)
NS	0130M00507		MOTOR POWER HARNESS (M1, M2, M3, M4, M5)
NS	20520901		STRAP-CAPACITOR

Expanded Model Nomenclature

M1 - DSG0481DH00001SAA
M2 - DSG0481DL00001SAA
M3 - DSG0483DH00001SAA
M4 - DSG0483DL00001SAA
M5 - DSG0483DM00001SAA
M6 - DSG0484DH00001SAA
M7 - DSG0484DL00001SAA
M8 - DSG0484DM00001SAA
M9 - DSG0487DH00001SAA

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 (QTY 5)
41	0130F00010		FLAME SENSOR (M1, M3, M6, M9)
41	0130M00719		FLAME SENSOR (M2, M4, M5, M7, M8)
61	0163L00143		MANIFOLD, GAS 3 BURNER (M4, M7)
61	0163L00026		MANIFOLD-GAS 4 BURNER (M2, M5, M8)
61	0163L00029		MANIFOLD-GAS, 5 BURNER (M1, M3, M6, M9)
71	0163F00017		BECKETT BURNER (QTY 5)
81	0121L01362		BRACKET, BURNER 5 (M1, M3, M6, M9)
81	0121L02668		BURNER BRACKET-3 (M4, M7)
81	0121L02675		BURNER BRACKET-4 (M2, M5, M8)
91	0131M00121		BLOWER-ID COMBUSTION
101	0270L01363		ASSY, PANEL, PARTITION/TUBE, 3 (M4, M7)
101	0270L01362		ASSY, PANEL, PARTITION/TUBE, 4 (M2, M5, M8)
101	0270L01361		ASSY, PANEL, PARTITION/TUBE, 5 (M1, M3, M6, M9)
111	10123532		LIMIT-RESET MAN-GRAY (M1, M3, M4, M6, M7, M9)
131	0121L00053		BRACKET-FLAME ROLLOUT
181	0154L00018		GASKET-ID BLOWER PLATE 2,4 (M2, M4, M5, M7, M8)
181	0154L00017		GASKET-ID BLOWER PLATE 6 (M1, M3, M6, M9)
201	0121L03548		PLATE, ID BLOWER (M4, M7)
201	0121L03549		PLATE, ID BLOWER (M1, M3, M6, M9)
201	0121L03365		PLATE, ID BLOWER (M2, M5, M8)
251	0154L00020		GASKET-ID BLOWER
261	0121L00277		FLUE-CHANNEL
271	0121L00278		FLUE-SIDE COVER
281	0163L00072		SCREEN-FLUE
451	0121L03948		BRACKET, PRIMARY LIMIT
461	0130F00035		LIMIT, PRIMARY (M1, M3, M6, M9)
461	0130M00663		LIMIT, PRIMARY (M2, M5, M8)
461	20162901		LIMIT, PRIMARY (M4, M7)
521	0121L03320		BRACKET, TUBE SUPPORT
531	0121L03125		BRACKET, TUBE (QTY 6)
541	0121L02935		BRACKET, SUPPORT, TUBE
NS	0121F00468		ORIFICE BRACKET-BURNER 3 (M4, M7)
NS	0121F00467		ORIFICE BRACKET-BURNER 4 (M2, M5, M8)
NS	0121F00466		ORIFICE BRACKET-BURNER 5 (M1, M3, M6, M9)

Expanded Model Nomenclature

M1 - DSG0481DH00001SAA
M2 - DSG0481DL00001SAA
M3 - DSG0483DH00001SAA
M4 - DSG0483DL00001SAA
M5 - DSG0483DM00001SAA
M6 - DSG0484DH00001SAA
M7 - DSG0484DL00001SAA
M8 - DSG0484DM00001SAA
M9 - DSG0487DH00001SAA

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 - DSG0481DH00001SAA
M2 - DSG0481DL00001SAA
M3 - DSG0483DH00001SAA
M4 - DSG0483DL00001SAA
M5 - DSG0483DM00001SAA
M6 - DSG0484DH00001SAA
M7 - DSG0484DL00001SAA
M8 - DSG0484DM00001SAA
M9 - DSG0487DH00001SAA