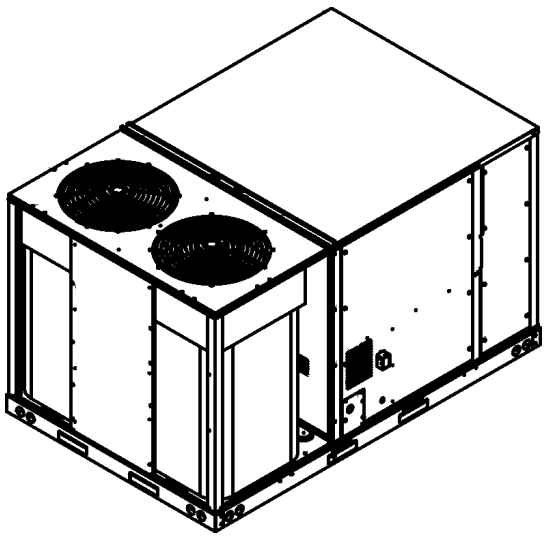
REPAIR PARTS

DSG 12.5 Ton Package Gas Unit

DSG1503DH00001SAA
DSG1503DL00001SAA
DSG1503DM00001SAA
DSG1504DH00001SAA
DSG1504DL00001SAA
DSG1504DM00001SAA
DSG1507DH00001SAA
DSG1507DL00001SAA
DSG1507DM00001SAA



COMMERCIAL GRADE

This manual is to be used by qualified technicians only.

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RP-D1412 www.daikinac.com September 2024

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:
0163L00006	BURNER BECKETT
CAP100000370LA	CAP, 10 MFD/370V/OVAL (QTY 2)
YP61K1TTF5ASH	COMPRESSOR (M1, M2, M3)
YP61K1TTFDASH	COMPRESSOR (M4, M5, M6)
YP61K1TTFEASH	COMPRESSOR (M7, M8, M9)
CONT2P030024D	CONT, 2 POLE, 30 AMP, 24VAC
CONT3P030024D	CONT, 3 POLE, 30 AMP, 24VAC (QTY 3)
0130M00178	DPDT RELAY 24VAC (QTY 3)
0150M00065	FAN BLADE, 22' (QTY 2)
0130F00010	FLAME SENSOR
0151L00000	GAS VALVE MANIFOLD 36H
0130L00251	IGNITOR
0130F00071	LIMIT, PRIMARY (M1, M2, M4, M5, M7, M8)
0130F00036	LIMIT, PRIMARY (M3, M6, M9)
20162904	LIMIT, PRIMARY
10123532	LIMIT-RESET MAN-GRAY (M3, M6, M9)
10123529	LIMIT-RESET MAN-GREEN (M1, M2, M4, M5, M7, M8)
0131L00124	MOTOR, BLOWER (M4, M5, M6)
0131L00122	MOTOR, BLOWER (M1, M2, M3)
0131L00125	MOTOR, BLOWER (M7, M8, M9)
0131M00930	Nidec Motor, 1/2 HP (M7, M8, M9)
0131M00926	Nidec Motor, 1/2 HP (M4, M5, M6)
0131M00925	Nidec Motor, 1/2 HP (M1, M2, M3)
PCBCM301V0001	PCB CONTROL AIR HANDLER
PCBAG123	PCB IGNITION DSI INTEG
0131L00453	PROGRAMMED MOTOR CONTROLLER (M3, M6, M9)
0131L00452	PROGRAMMED MOTOR CONTROLLER (M2, M5, M8)
0131L00454	PROGRAMMED MOTOR CONTROLLER (M1, M4, M7)
10135604	RELAY
SER2A08012	SENSATA R32 SENSOR
0130M00730	SWITCH, HIGH PRESSURE (QTY 2)
0130M00732	SWITCH, LOW PRESSURE (QTY 2)
11112501	SWITCH-PRESSURE
B1370772	TIME DEALY ICM 180SEC DELA
0130M00859	TRANSFORMER (M1, M2, M3)
0130M00861	TRANSFORMER (M7, M8, M9)
0130M00858	TRANSFORMER (M4, M5, M6)
0130M00860	TRANSFORMER (M7, M8, M9)
0130M00862	TRANSFORMER (M4, M5, M6)
0131L00120	VENT MOTOR

Expanded Model Nomenclature

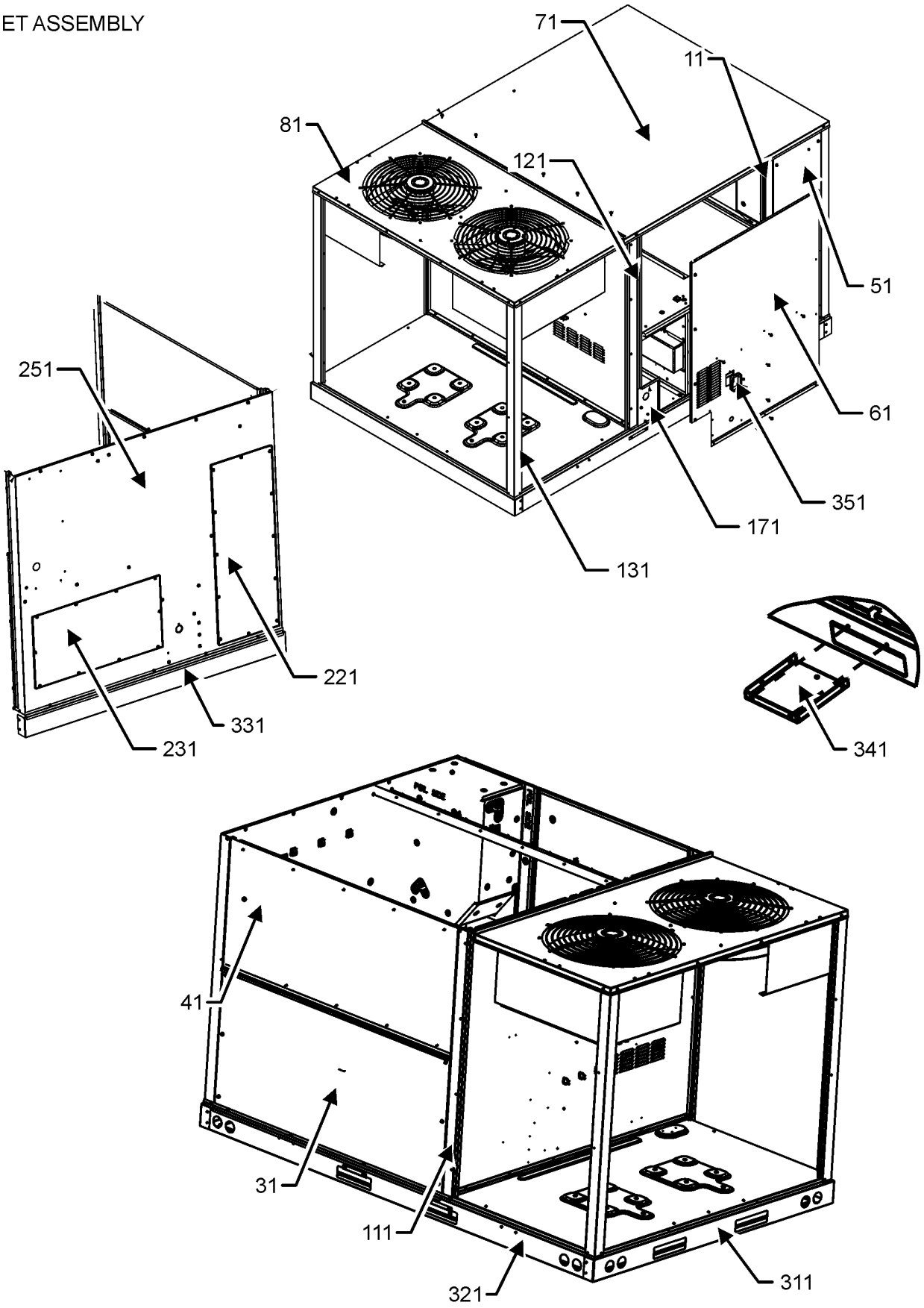
M1 - DSG1503DH00001SAA
M2 - DSG1503DL00001SAA
M3 - DSG1503DM00001SAA
M4 - DSG1504DH00001SAA
M5 - DSG1504DL00001SAA
M6 - DSG1504DM00001SAA
M7 - DSG1507DH00001SAA
M8 - DSG1507DL00001SAA
M9 - DSG1507DM00001SAA

SPECIAL PARTS

RP-FIOPM*	ACCESSORY RP MANUAL
RP-HXM*	ACCESSORY RP MANUAL

CABINET ASSEMBLY

CABINET ASSEMBLY



CABINET ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

CABINET ASSEMBLY

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

Image 1:

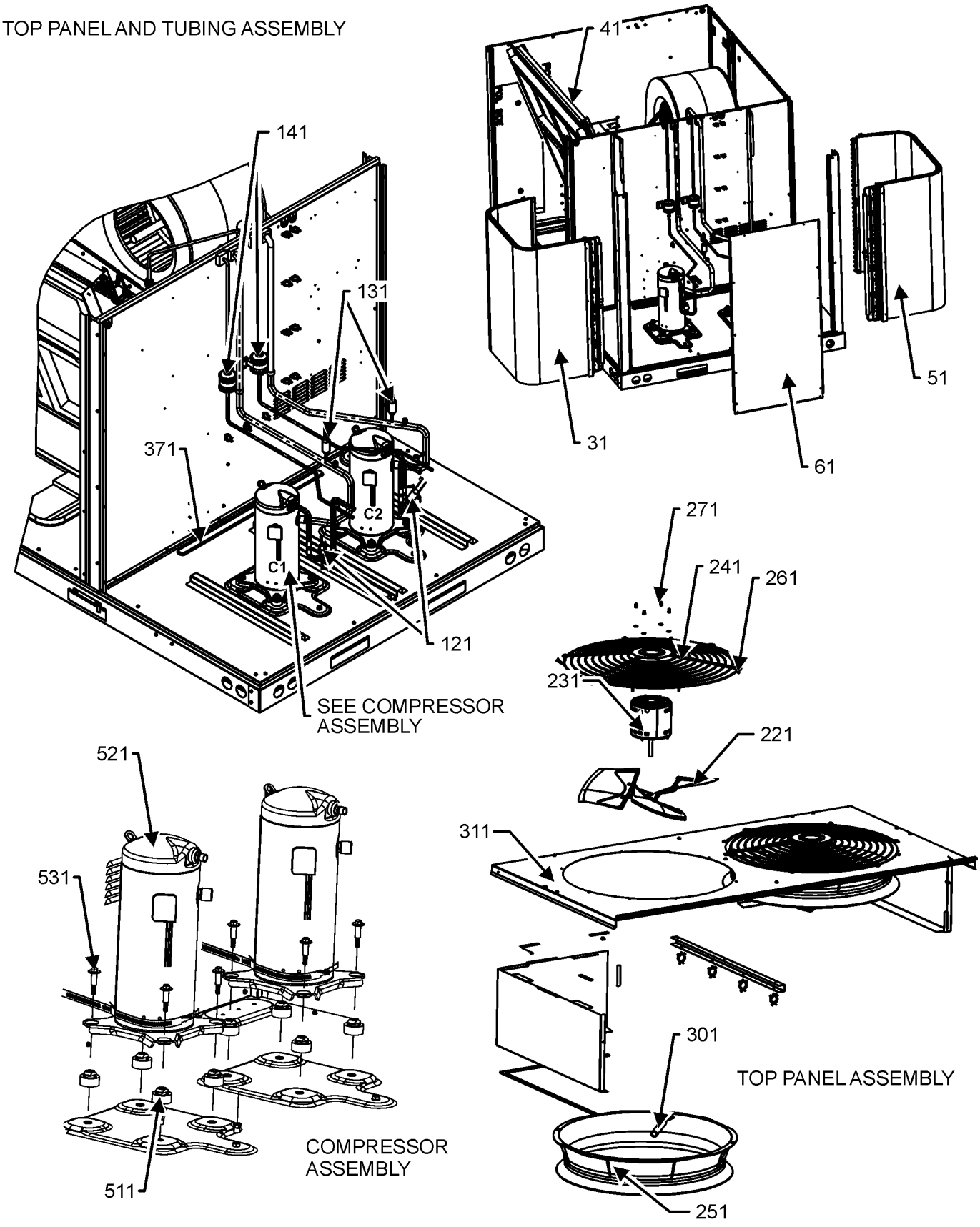
11	0121L04041SB	PAINTED SIDE POST
31	0121L04312SB	PAINTED, ECONOMIZER PANEL
41	0121L04447SB	PAINTED, PANEL, FILTER
51	0121L02952SB	PAINTED CONTROL PANEL
61	0121L03822SB	PAINTED BLOWER PANEL
71	0121L04551SB	PAINTED, PANEL, TOP INDOOR
81	0121L05353SB	PAINTED, PANEL, TOP OUTDOOR
111	0121L03187SB	PAINTED, SIDE POST
121	0121L03469SB	PAINTED, SIDE POST
131	0121L04552SB	PAINTED, PANEL, CORNER POST (QTY 2)
221	0121L03508SB	PAINTED COVER DUCT RETURN
231	0121L02921SB	PAINTED COVER DUCT SUPPLY
251	0121L05651SB	PAINTED, PANEL DUCT
311	0121L04565	END RAIL
321	0121L04764	SIDE RAIL (QTY 2)
331	0121L05103	RAIL, END
341	0121L03727	BRACKET-FORK BOARD (QTY 4)
351	0121L03481SB	PAINTED BRKT FLUE COLLAR
NS	0160L00137	AIR FILTER (QTY 2)
NS	0160L00267	AIR FILTER (QTY 2)
NS	0141L00084	BOARD FORK (QTY 2)
NS	0270L02745	FILTER RACK ASSEMBLY
NS	0121L04612SB	PAINTED COVER-DISC SWITCH
NS	0121L03958SB	PAINTED, DRAIN PAN COVER
NS	0121L03932SB	PNT, CONVENIENCE COVER LT COMM

Expanded Model Nomenclature

M1 - DSG1503DH00001SAA
M2 - DSG1503DL00001SAA
M3 - DSG1503DM00001SAA
M4 - DSG1504DH00001SAA
M5 - DSG1504DL00001SAA
M6 - DSG1504DM00001SAA
M7 - DSG1507DH00001SAA
M8 - DSG1507DL00001SAA
M9 - DSG1507DM00001SAA

TOP PANEL AND TUBING ASSEMBLY

TOP PANEL AND TUBING ASSEMBLY



TOP PANEL AND TUBING ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

TOP PANEL AND TUBING ASSEMBLY

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

Image 1:

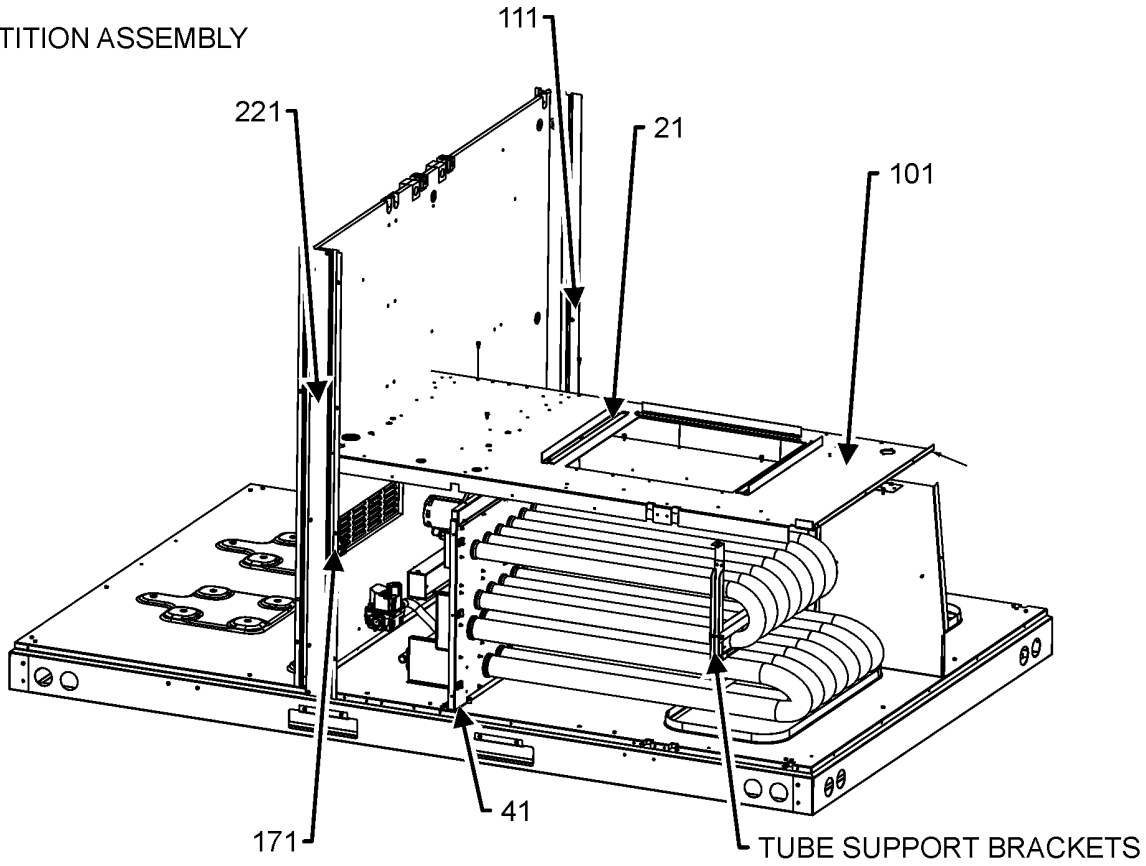
31	0201L00907	ASSY., COND COIL, BENT
41	0202L00710	EVAP COIL CIRCUITING ASSEMBLY
51	0201L00908	ASSY., COND COIL, BENT
61	0121L04869SB	PAINTED COIL BLOCKOFF
121	0130M00730	SWITCH, HIGH PRESSURE (QTY 2)
131	0130M00732	SWITCH, LOW PRESSURE (QTY 2)
141	0151M00106	FILTER/DRIER-BI-FLOW (QTY 4)
221	0150M00065	FAN BLADE, 22' (QTY 2)
231	0131M00925	Nidec Motor, 1/2 HP (M1, M2, M3)
231	0131M00926	Nidec Motor, 1/2 HP (M4, M5, M6)
231	0131M00930	Nidec Motor, 1/2 HP (M7, M8, M9)
241	0152G00000	FAN GRILLE, RAISED (QTY 2)
251	0161R00048	MOLDED RING VENTURI 22 (QTY 2)
261	0163M00004	SCREW #10X3/4 BLK (QTY 16)
271	0163M00006P	NUT, ACORN 5/16 HEX BLACK (QTY 8)
301	0161R00124	CONDUIT (QTY 2)
311	0121L05353SB	PAINTED, PANEL, TOP OUTDOOR
371	0121L04115	CHANNEL
511	B1339533	GROMMET, COMPRESSOR (QTY 8)
521	YP61K1TTF5ASH	COMPRESSOR (M1, M2, M3)
521	YP61K1TTFDASH	COMPRESSOR (M4, M5, M6)
521	YP61K1TTFEASH	COMPRESSOR (M7, M8, M9)
531	B1393740	COMP BOLT & SLEEVE (QTY 8)
NS	0159L00066	HARNESS, COMP SCROLL (M4, M5, M6, M7, M8, M9)
NS	0159L00068	HARNESS, COMP SCROLL (M1, M2, M3)
NS	0159L00153	HARNESS, COMP SCROLL (M4, M5, M6, M7, M8, M9)
NS	0159L00154	HARNESS, COMP SCROLL (M1, M2, M3)
NS	0251L00203	TXV, & FLOWRATOR ASSEMBLY
NS	0251L00204	TXV, & FLOWRATOR ASSEMBLY
NS	M0272803	WASHER LOCK (QTY 2)
NS	0163M00005P	WASHER, BLACK .50OD.218ID (QTY 8)

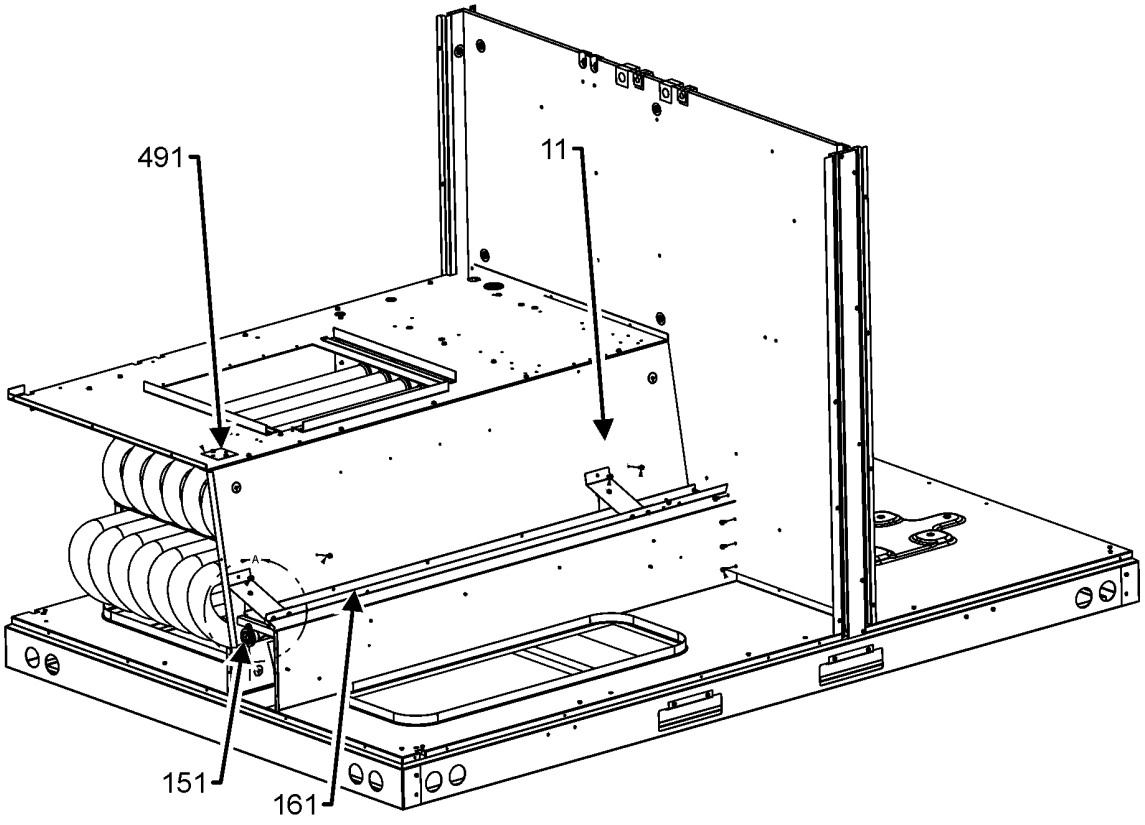
Expanded Model Nomenclature

M1 - DSG1503DH00001SAA
M2 - DSG1503DL00001SAA
M3 - DSG1503DM00001SAA
M4 - DSG1504DH00001SAA
M5 - DSG1504DL00001SAA
M6 - DSG1504DM00001SAA
M7 - DSG1507DH00001SAA
M8 - DSG1507DL00001SAA
M9 - DSG1507DM00001SAA

PARTITION ASSEMBLY

PARTITION ASSEMBLY





PARTITION ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

PARTITION ASSEMBLY

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

Image 1:

11	0121L05504	PANEL, BLOWER DECK BOTTOM
21	0121L05524	BLOWER SLIDE PLATE (QTY 3)
41	0121L02337	HEAT EXCHANGER RAIL
41	0121L03676	HEAT EXCHANGER RAIL
101	0121L05380	PANEL, BLOWER DECK
111	0121L03187SB	PAINTED SIDE POST
151	0154L00180	GASKET, DRAIN PAN
161	0161L00002	DRAIN PAN EVAP 7TO12
171	11112501	SWITCH-PRESSURE
221	0121L03469SB	PAINTED SIDE POST
491	0121L00321	COVER SMOKE DETECTOR
NS	0121L02903	BRACKET, TUBE SUPPORT
NS	0121L02904	BRACKET, TUBE SUPPORT
NS	0121L04886	BRACKET, TUBE SUPPORT
NS	0121L02929	BRACKET,MOUNT SUPPORT TUBE
NS	0154L00157	GASKET
NS	0163L00071	PLUG, DRAIN

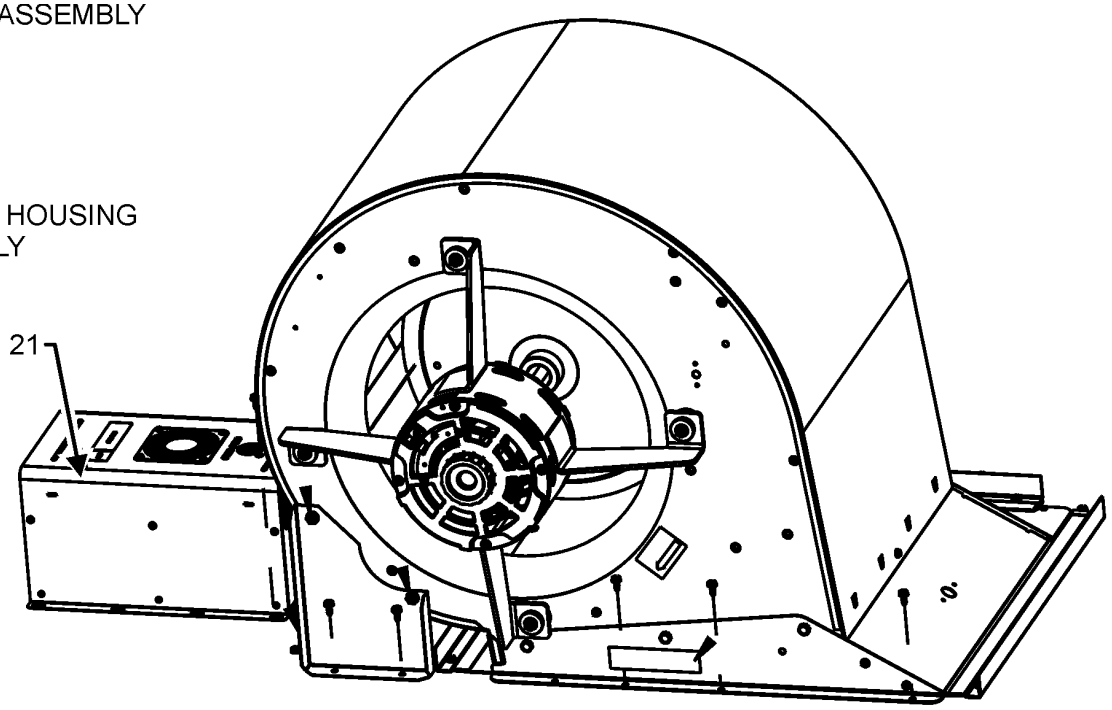
Expanded Model Nomenclature

M1 - DSG1503DH00001SAA
M2 - DSG1503DL00001SAA
M3 - DSG1503DM00001SAA
M4 - DSG1504DH00001SAA
M5 - DSG1504DL00001SAA
M6 - DSG1504DM00001SAA
M7 - DSG1507DH00001SAA
M8 - DSG1507DL00001SAA
M9 - DSG1507DM00001SAA

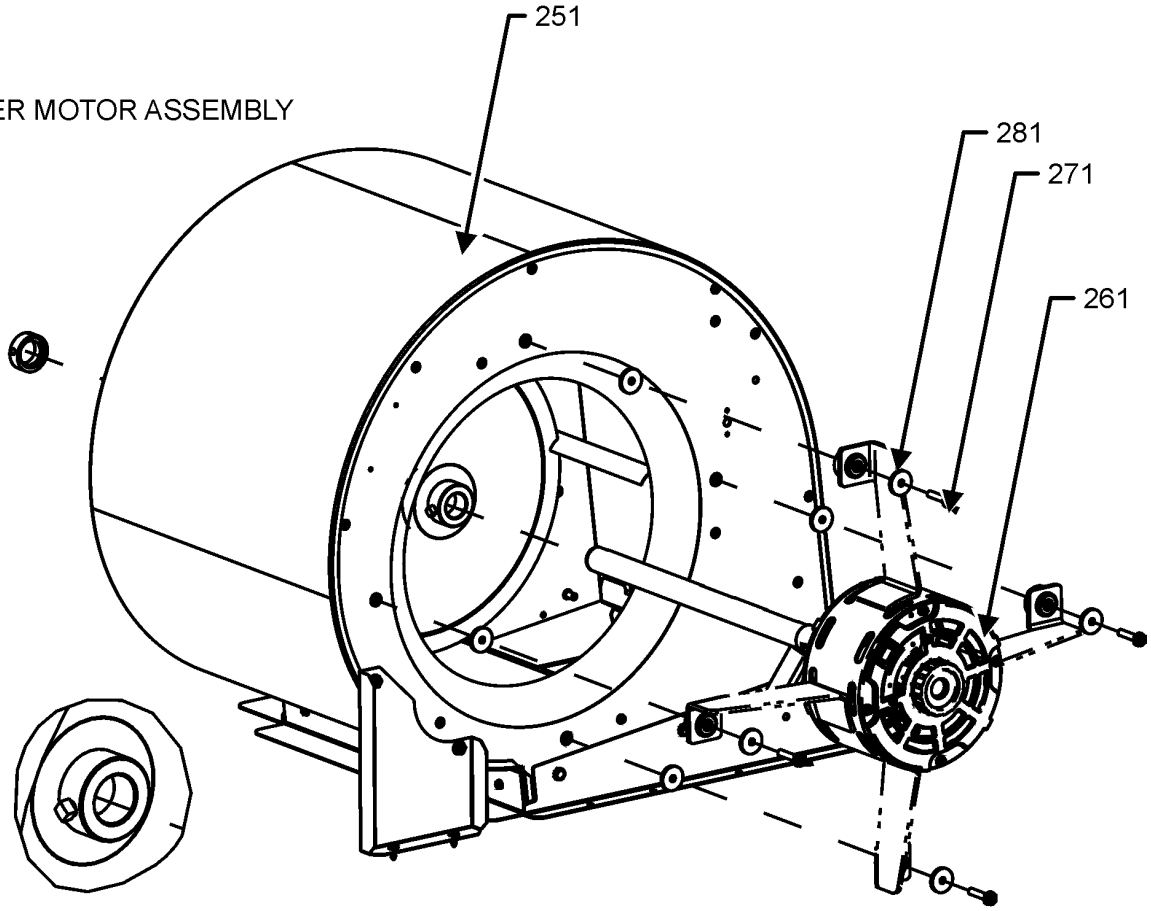
BLOWER ASSEMBLY

BLOWER ASSEMBLY

BLOWER HOUSING ASSEMBLY



BLOWER MOTOR ASSEMBLY



BLOWER ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

BLOWER ASSEMBLY

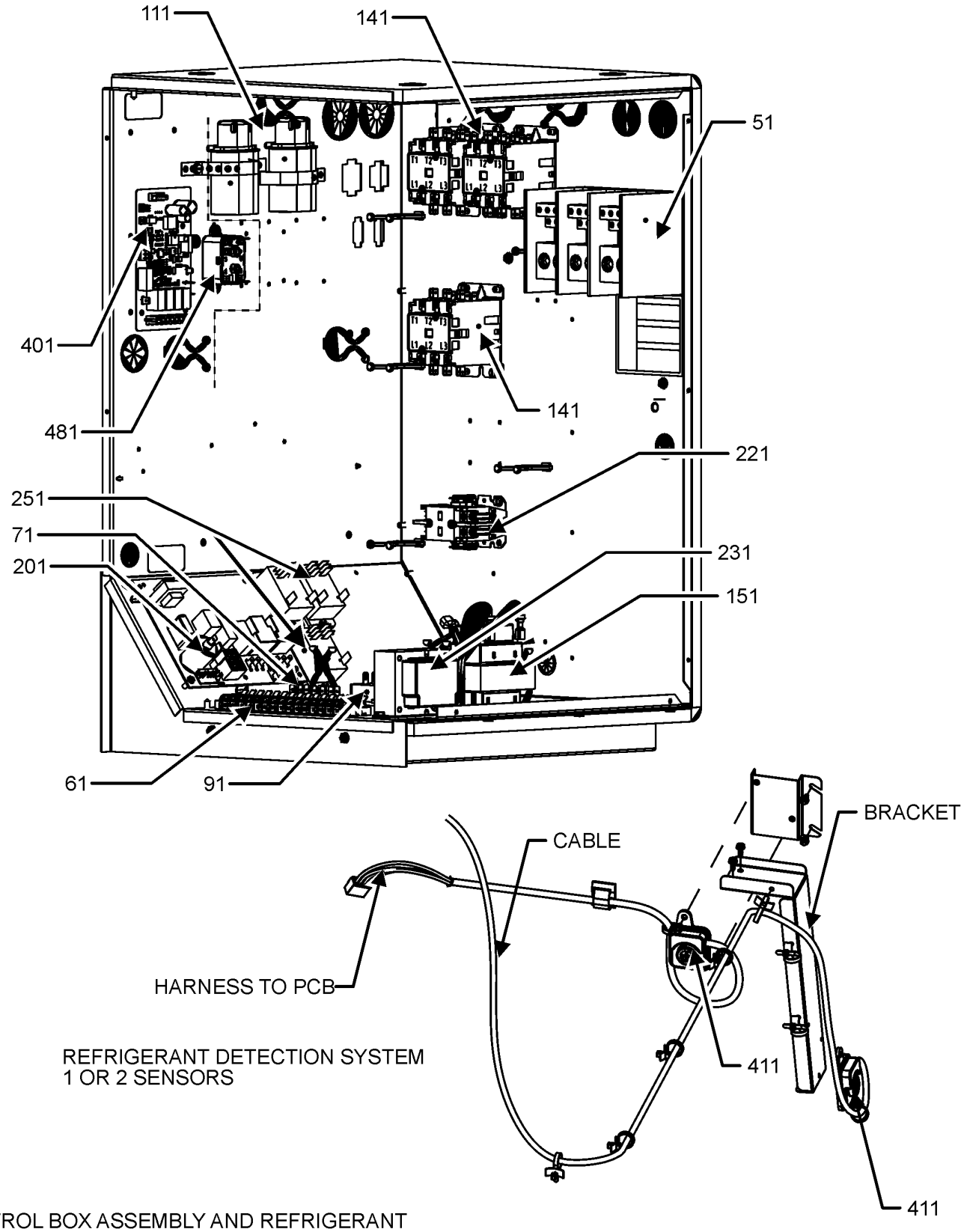
Ref. No:	Part No:	Description:	Ref. No:	Part No:	Description:
Image 1:					
21	0131L00452	PROGRAMMED MOTOR CONTROLLER (M2, M5, M8)			
21	0131L00453	PROGRAMMED MOTOR CONTROLLER (M3, M6, M9)			
21	0131L00454	PROGRAMMED MOTOR CONTROLLER (M1, M4, M7)			
251	0271L00148	ASSY, BLOWER PURCHASED 16X18			
261	0131L00122	MOTOR, BLOWER (M1, M2, M3)			
261	0131L00124	MOTOR, BLOWER (M4, M5, M6)			
261	0131L00125	MOTOR, BLOWER (M7, M8, M9)			
271	M0250565	SCREW-TC 1.25" (QTY 4)			
281	B1392918	WASHER FLAT 1/4IDX1OD (QTY 8)			
NS	20162904	LIMIT, PRIMARY			

Expanded Model Nomenclature

M1 - DSG1503DH00001SAA
M2 - DSG1503DL00001SAA
M3 - DSG1503DM00001SAA
M4 - DSG1504DH00001SAA
M5 - DSG1504DL00001SAA
M6 - DSG1504DM00001SAA
M7 - DSG1507DH00001SAA
M8 - DSG1507DL00001SAA
M9 - DSG1507DM00001SAA

CONTROL BOX AND REFRIGERANT ASSY

CONTROL BOX ASSEMBLY AND REFRIGERANT DETECTION SYSTEM



REFRIGERANT DETECTION SYSTEM
1 OR 2 SENSORS

CONTROL BOX ASSEMBLY AND REFRIGERANT
DETECTION SYSTEM MAY DIFFER FROM WHAT IS SHOWN

CONTROL BOX AND REFRIGERANT ASSY

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

Image 1:

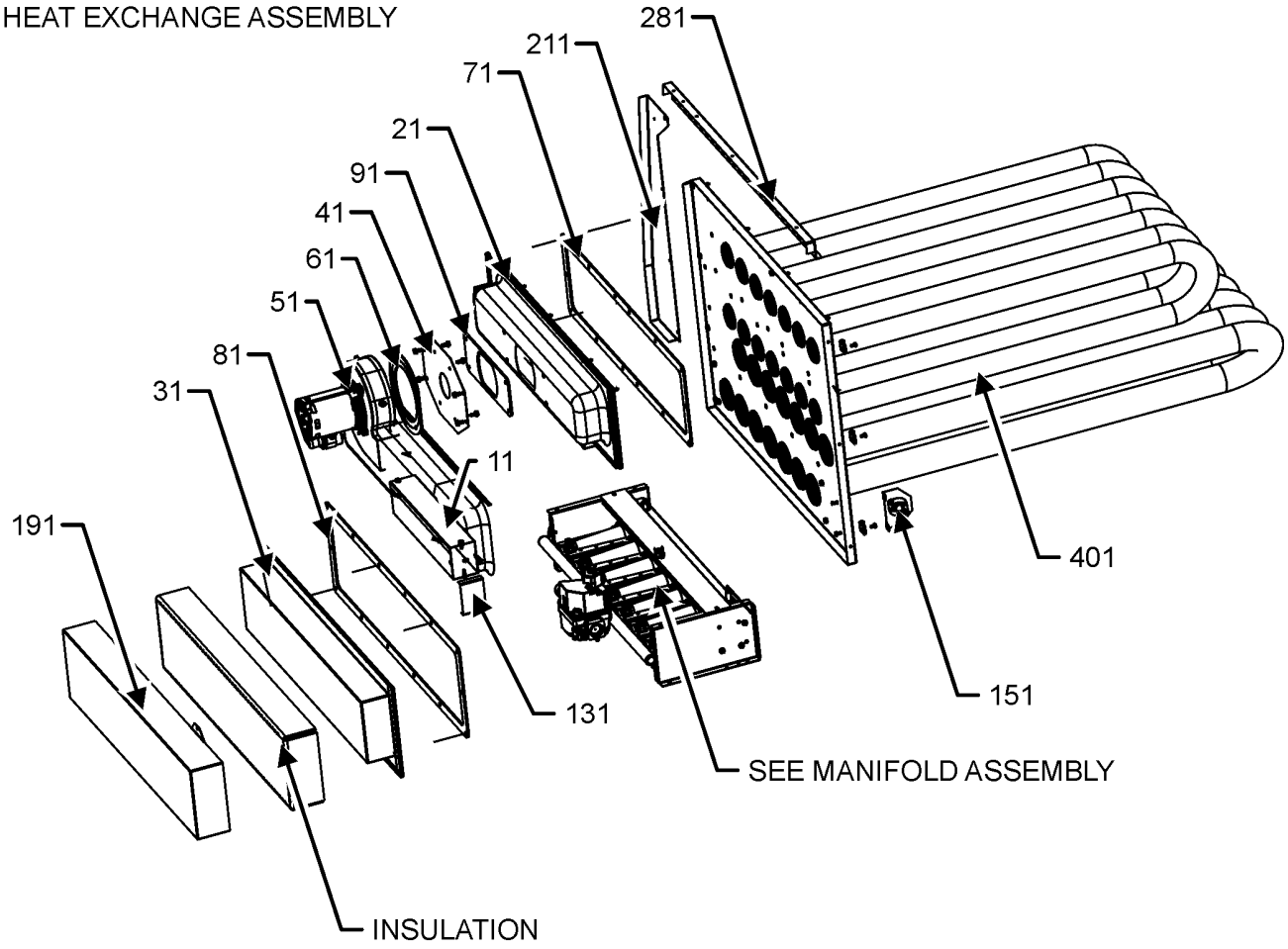
51	0130L00217	POWER,BLOCK
61	0130M00038	TERMINAL BOARD
71	802007090	TERM BOARD
91	B1370772	TIME DEALY ICM 180SEC DELA
111	CAP100000370LA	CAP, 10 MFD/370V/OVAL (QTY 2)
141	CONT3P030024D	CONT, 3 POLE, 30 AMP, 24VAC (QTY 3)
151	0130M00858	TRANSFORMER (M4, M5, M6)
151	0130M00859	TRANSFORMER (M1, M2, M3)
151	0130M00861	TRANSFORMER (M7, M8, M9)
201	PCBAG123	PCB IGNITION DSI INTEG
221	CONT2P030024D	CONT, 2 POLE, 30 AMP, 24VAC
231	0130M00860	TRANSFORMER (M7, M8, M9)
231	0130M00862	TRANSFORMER (M4, M5, M6)
251	0130M00178	DPDT RELAY 24VAC (QTY 3)
401	PCBCM301V0001	PCB CONTROL AIR HANDLER
411	SER2A08012	SENSATA R32 SENSOR
481	10135604	RELAY
NS	0164M00127	BOOT, CAPACITOR (QTY 2)
NS	20520901	STRAP-CAPACITOR (QTY 7)
NS	0259L02282	WIRE HARNESS ASSY
NS	0259L02449	WIRE HARNESS ASSY

Expanded Model Nomenclature

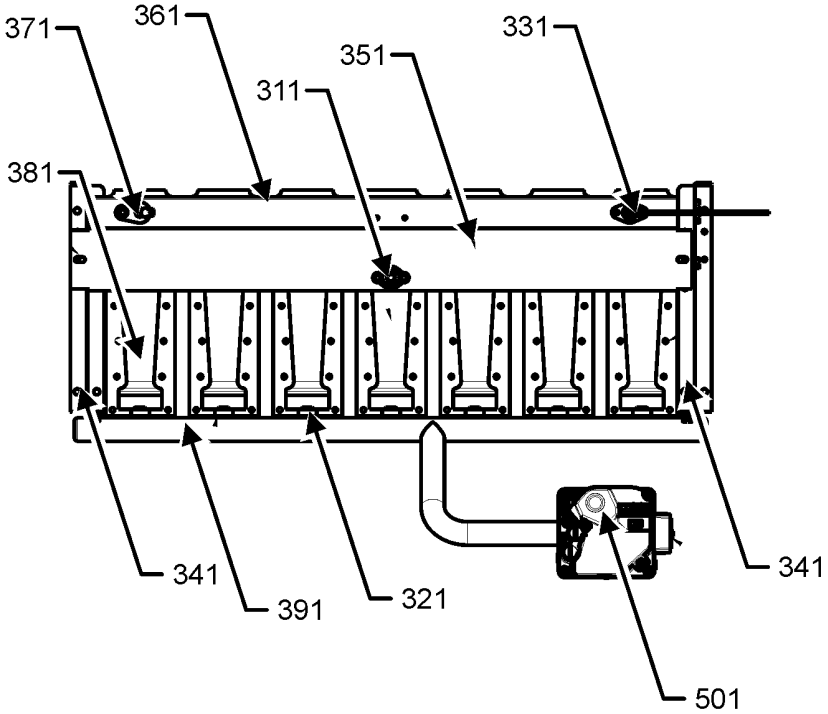
M1 - DSG1503DH00001SAA
M2 - DSG1503DL00001SAA
M3 - DSG1503DM00001SAA
M4 - DSG1504DH00001SAA
M5 - DSG1504DL00001SAA
M6 - DSG1504DM00001SAA
M7 - DSG1507DH00001SAA
M8 - DSG1507DL00001SAA
M9 - DSG1507DM00001SAA

HEAT EXCHANGE ASSEMBLY

HEAT EXCHANGE ASSEMBLY



MANIFOLD ASSEMBLY



HEAT EXCHANGE ASSY MAY DIFFER FROM WHAT IS SHOWN

HEAT EXCHANGE ASSEMBLY

Ref. No:	Part No:	Description:
Image 1:		
11	0121L03623	FLUE HT EXCH (QTY 2)
21	0121L01666	COLLECTOR BOX
31	0121L01667	COLLECTOR BOX
41	0121L03193	PLATE, ORIFICE (M2, M5, M8)
41	0121L04771	PLATE, ORIFICE (M3, M6, M9)
41	0121L05020	PLATE, ORIFICE (M1, M4, M7)
51	0131L00120	VENT MOTOR
61	0154L00141	GASKET
71	0154L00039	GASKET
81	0154L00038	GASKET
91	0154L00228	GASKET
131	0163L00006	SCREEN FLUE
151	0130F00036	LIMIT, PRIMARY (M3, M6, M9)
151	0130F00071	LIMIT, PRIMARY (M1, M2, M4, M5, M7, M8)
191	0121L02660	COVER INSUL BOX COLL LOWER
211	0121L03220	HEAT EXCHANGER BLOCKOFF
281	0121L03221	SUPPORT BLOCKOFF HT EXCH
311	10123532	LIMIT-RESET MAN-GRAY (M3, M6, M9)
311	10123529	LIMIT-RESET MAN-GREEN (M1, M2, M4, M5, M7, M8)
321	0163L00007	ORIFICE (M1, M4, M7)
321	0163L00021	ORIFICE (M3, M6, M9)
321	0163L00195	ORIFICE (M2, M5, M8)
331	0130L00251	IGNITOR
341	0121L02998	BRACKET SUPPORT BURNER (QTY 2)
351	0121L03025	BRACKET, ROLLOUT, FLAME, BR, 5 (M2, M5, M8)
351	0121L03024	BRACKET, ROLLOUT, FLAME, BR, 6 (M3, M6, M9)
351	0121L03023	BRACKET, ROLLOUT, FLAME, BR, 7 (M1, M4, M7)
361	0121L05019	BRACKET, 7 BURNER (M1, M4, M7)
361	0121L02692	BRACKET, BURNER, 5 (M2, M5, M8)
361	0121L02691	BRACKET, BURNER, 6 (M3, M6, M9)
371	0130F00010	FLAME SENSOR
381	0163L00006	BURNER BECKETT
391	0163L00144	MANIFOLD (M1, M4, M7)
391	0163L00145	MANIFOLD (M3, M6, M9)
391	0163L00162	MANIFOLD (M2, M5, M8)
401	0270L01355	ASSY., PANEL PARTITION (M1, M4, M7)
401	0270L01356	ASSY., PANEL PARTITION (M3, M6, M9)
401	0270L01357	ASSY., PANEL PARTITION (M2, M5, M8)
501	0151L00000	GAS VALVE MANIFOLD 36H
NS	0121L02859	BRACKET, LIMIT PRIMARY
NS	0259L01055	WIRE HARNESS ASSY

Expanded Model Nomenclature

M1 - DSG1503DH00001SAA
M2 - DSG1503DL00001SAA
M3 - DSG1503DM00001SAA
M4 - DSG1504DH00001SAA
M5 - DSG1504DL00001SAA
M6 - DSG1504DM00001SAA
M7 - DSG1507DH00001SAA
M8 - DSG1507DL00001SAA
M9 - DSG1507DM00001SAA

ACCESSORY PARTS LIST

NOTE: NOT ALL OPTIONS AVAILABLE FOR ALL PRODUCTS

FOR ACCESSORY PARTS SEE THE FOLLOWING PART MANUAL

RP-FIOPMC

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

Image 1:

NS	RP-FIOPM*	ACCESSORY RP MANUAL
NS	RP-HXM*	ACCESSORY RP MANUAL

Expanded Model Nomenclature

M1 - DSG1503DH00001SAA
M2 - DSG1503DL00001SAA
M3 - DSG1503DM00001SAA
M4 - DSG1504DH00001SAA
M5 - DSG1504DL00001SAA
M6 - DSG1504DM00001SAA
M7 - DSG1507DH00001SAA
M8 - DSG1507DL00001SAA
M9 - DSG1507DM00001SAA