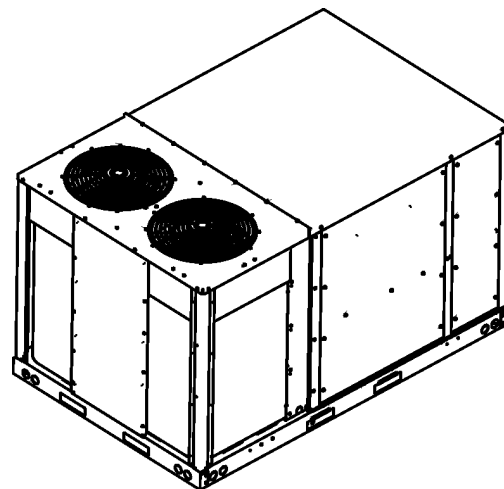


DSH 8.5 Ton Package Heat Pump

DSH1023D000001SAA

DSH1024D000001SAA

DSH1027D000001SAA



This manual is to be used by qualified technicians only.

Important Information

Index

Functional Parts List	3
Illustration and Parts	4 - 15

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:

B1226207	ACCUMULATOR (QTY 2)
0130M00913	AUXILLARY SWITCH (QTY 2)
CAP100000370LA	CAP, 10 MFD/370V/OVAL (M1, M2)
CAP050000440LA	CAPACITOR (M3)
YP44K1TTFEASC	COMPRESSOR (M3)
YP44K1TTF5ASC	COMPRESSOR (M1)
YP44K1TTFDASC	COMPRESSOR (M2)
CONT2P030024D	CONT, 2 POLE, 30 AMP, 24VAC
CONT3P030024D	CONT, 3 POLE, 30 AMP, 24VAC (QTY 3)
0130M00197	CONTROL, DEFROST (QTY 2)
0130L00297	CRANK CASE HEATER - 40W 240V (M1)
0130L00296	CRANK CASE HEATER - 40W 240V (M1)
0130L00298	CRANK CASE HEATER - 40W 480V (M2)
0130L00299	CRANK CASE HEATER - 40W 480V (M2)
0130L00301	CRANK CASE HEATER - 40W 575V (M3)
0130L00300	CRANK CASE HEATER - 40W 575V (M3)
0130M00178	DPDT RELAY 24VAC (QTY 7)
0162L00130	FILTER DRIER (QTY 2)
0131L00175	MOTOR, BLOWER (M1)
0131L00176	MOTOR, BLOWER (M2)
0131L00177	MOTOR, BLOWER (M3)
0131M00907	MOTOR, HP, 1/3, OD (M2)
0131M00908	MOTOR, HP, 1/3, OD, LAK (M3)
0131M00906	MOTOR, HP, 1/3, SP, 1, PL, 6 (M1)
PCBCM301V0001	PCB CONTROL AIR HANDLER
PCBDM101	PCB DEFROST CONTROL
0131L00462	PROGRAMMED MOTOR CONTROLLER
10135604	RELAY
0151R00071	REVERSING VALVE (QTY 2)
SER2A08012	SENSATA R32 SENSOR
0130M00730	SWITCH, HIGH PRESSURE (QTY 2)
0130M00733	SWITCH, LOW PRESSURE (QTY 2)
B1370772	TIME DELAY ICM 180SEC DELA (QTY 2)
0130L00319	TRANSFORMER (M1)
0130L00320	TRANSFORMER (M3)
0130L00318	TRANSFORMER (M2)
0251L00219	TXV, & FLOWRATOR ASSEMBLY
0251L00220	TXV, & FLOWRATOR ASSEMBLY

SPECIAL PARTS

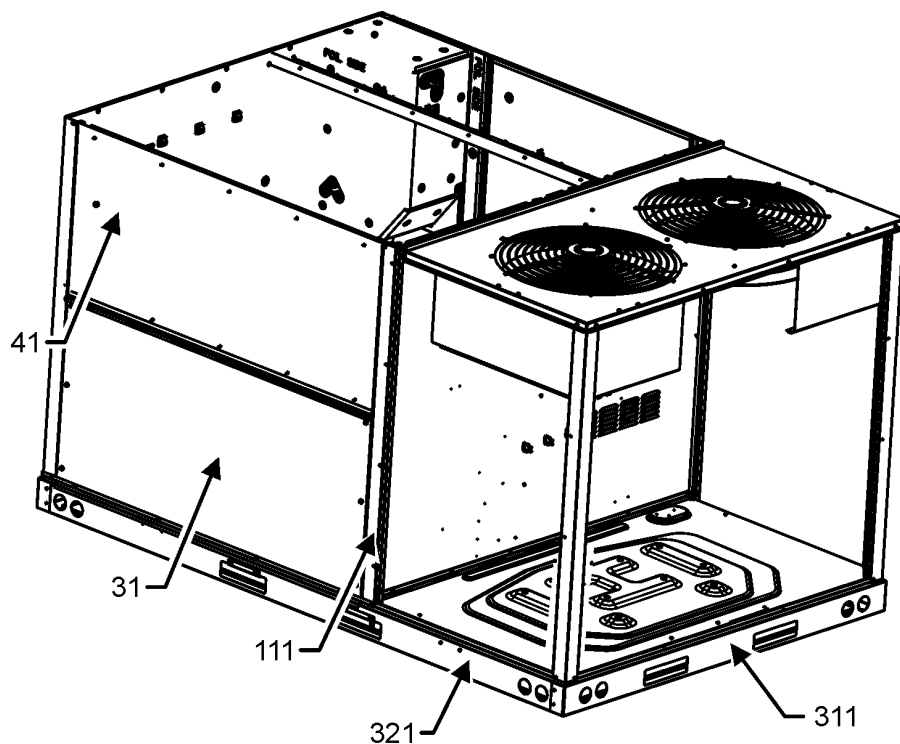
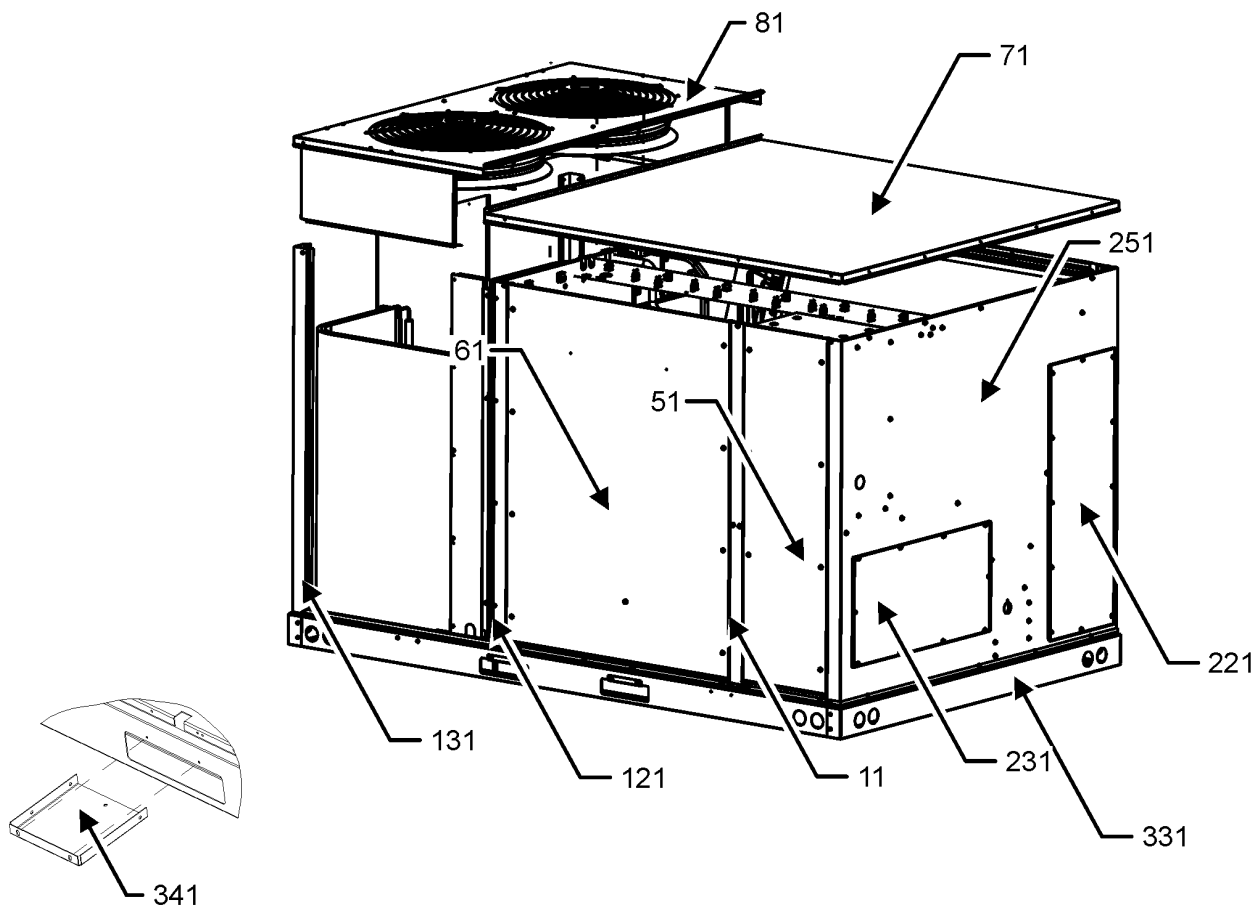
RP-FIOPM*	ACCESSORY RP MANUAL
RP-EHX(D/B)M*	HEATER KIT RP MANUAL
RP-EHS(D/B)M*	HEATER KIT RP MANUAL

Expanded Model Nomenclature

M1 - DSH1023D000001SAA M2 - DSH1024D000001SAA M3 - DSH1027D000001SAA
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CABINET ASSEMBLY

CABINET ASSEMBLY



CABINET ASSEMBLY
MAY DIFFER FROM
WHAT IS SHOWN

CABINET ASSEMBLY

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0121L04041SB		PAINTED, PANEL, SIDE POST
31	0121L04312SB		PAINTED, ECONOMIZER PANEL
41	0121L04447SB		PAINTED, PANEL, FILTER
51	0121L02952SB		PAINTED CONTROL PANEL
61	0121L03821SB		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)
NS	0141L00084		BOARD FORK (QTY 2)
NS	0121L04612SB		PAINTED COVER-DISC SWITCH
NS	0121L03958SB		PAINTED, DRAIN PAN COVER
NS	0121L03932SB		PNT, CONVENIENCE COVER LT COMM

Expanded Model Nomenclature

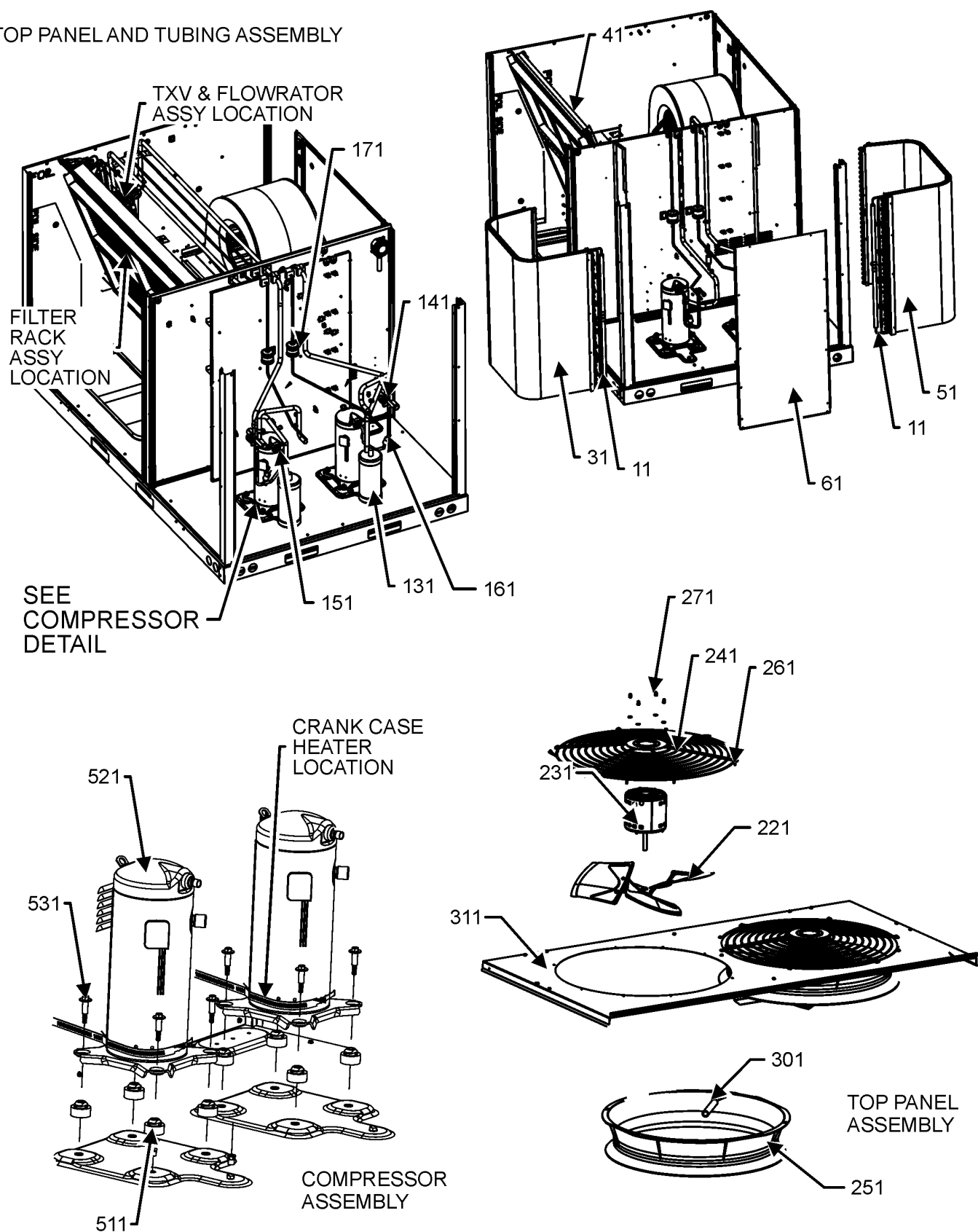
M1 - DSH1023D000001SAA

M2 - DSH1024D000001SAA

M3 - DSH1027D000001SAA

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

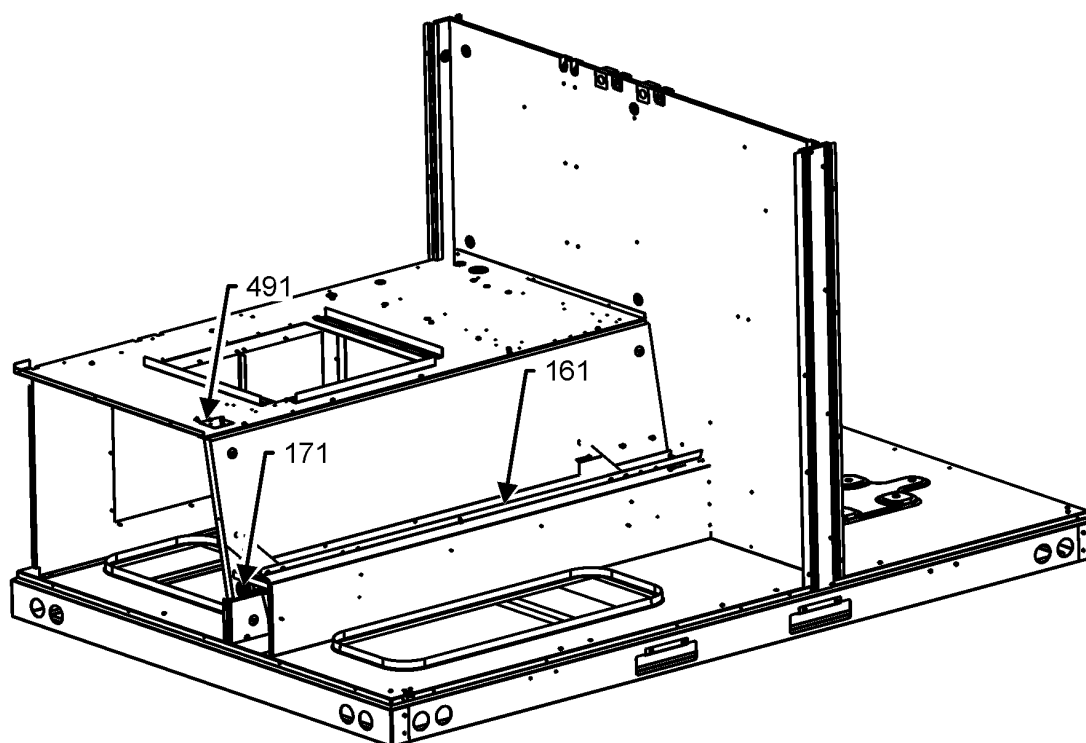
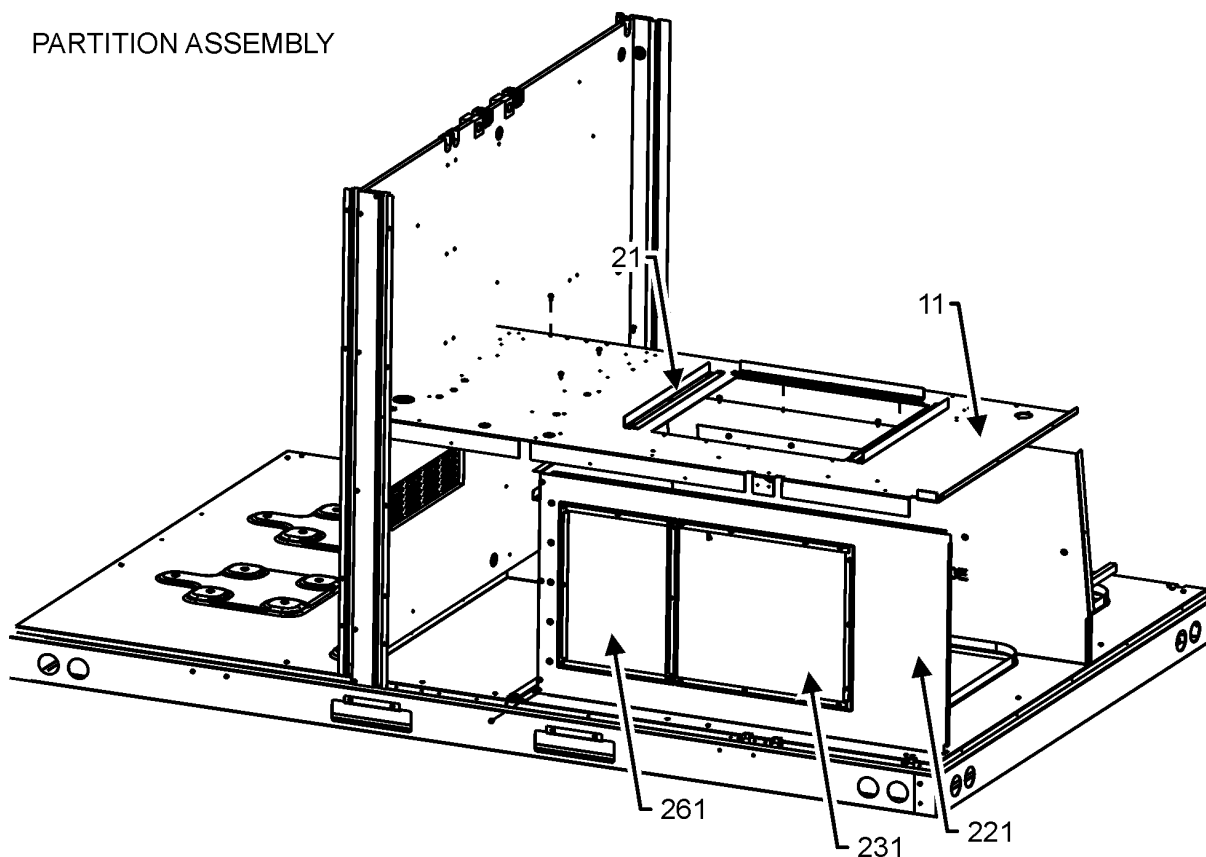
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0130M00197		CONTROL, DEFROST (QTY 2)
31	0201L01017		BENT COND COIL ASSEMBLY C1
41	0202L00693		EVAP COIL CIRCUITING ASSEMBLY
51	0201L01018		BENT COND COIL ASSEMBLY C2
61	0121L04874SB		COVER COND COIL
131	B1226207		ACCUMULATOR (QTY 2)
141	0151R00071		REVERSING VALVE (QTY 2)
151	0130M00730		SWITCH, HIGH PRESSURE (QTY 2)
161	0130M00733		SWITCH, LOW PRESSURE (QTY 2)
171	0162L00130		FILTER DRIER (QTY 2)
221	10625733		BLADE-FAN 22" ALUM CCW (QTY 2)
231	0131M00907		MOTOR, HP, 1/3, OD (M2)
231	0131M00908		MOTOR, HP, 1/3, OD, LAK (M3)
231	0131M00906		MOTOR, HP, 1/3, SP, 1, PL, 6 (M1)
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
511	B1339533		GROMMET, COMPRESSOR (QTY 8)
521	YP44K1TTF5ASC		COMPRESSOR (M1)
521	YP44K1TTFDASC		COMPRESSOR (M2)
521	YP44K1TTFEASC		COMPRESSOR (M3)
531	B1393740		COMP BOLT & SLEEVE (QTY 8)
NS	B1373315		ACCESS FITTING (QTY 6)
NS	0160L00137		AIR FILTER (QTY 2)
NS	0160L00267		AIR FILTER (QTY 2)
NS	0130L00296		CRANK CASE HEATER - 40W 240V (M1)
NS	0130L00297		CRANK CASE HEATER - 40W 240V (M1)
NS	0130L00298		CRANK CASE HEATER - 40W 480V (M2)
NS	0130L00299		CRANK CASE HEATER - 40W 480V (M2)
NS	0130L00300		CRANK CASE HEATER - 40W 575V (M3)
NS	0130L00301		CRANK CASE HEATER - 40W 575V (M3)
NS	0270L02802		FILTER RACK ASSEMBLY
NS	20333401		GROMMET-HORSESHOE (QTY 2)
NS	0159L00066		HARNESS, COMP SCROLL (M2, M3)
NS	0159L00068		HARNESS, COMP SCROLL (M1)
NS	0159L00153		HARNESS, COMP SCROLL (M2, M3)
NS	0159L00154		HARNESS, COMP SCROLL (M1)
NS	0163M00629		RED CAP WITH O-RING (QTY 8)
NS	B1225022		Solenoid Coil
NS	0251L00219		TXV, & FLOWRATOR ASSEMBLY
NS	0251L00220		TXV, & FLOWRATOR ASSEMBLY
NS	0151M00104		VALVE CORE (QTY 6)
NS	M0272803		WASHER LOCK (QTY 2)
NS	0163M00005P		WASHER, BLACK .50OD.218ID (QTY 8)

Expanded Model Nomenclature

M1 - DSH1023D000001SAA
M2 - DSH1024D000001SAA
M3 - DSH1027D000001SAA

PARTITION ASSEMBLY

PARTITION ASSEMBLY



PARTITION ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

PARTITION ASSEMBLY

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

Image 1:

11	0121L05380	PANEL, BLOWER DECK
21	0121L05524	BLOWER SLIDE PLATE (QTY 3)
161	0161L00002	DRAIN PAN EVAP 7TO12
171	0154L00180	GASKET, DRAIN PAN
221	0121L04010	PANEL FRONT, EHK
231	0121L03965	PNL, COVER EHK
261	0121L03458	PANEL EHK BLOCK OFF
491	0121L00321	COVER SMOKE DETECTOR
NS	B1392016	OPEN/CLOSE BUSHING 1.5
NS	0121L03958SB	PAINTED, DRAIN PAN COVER
NS	0163L00071	PLUG, DRAIN

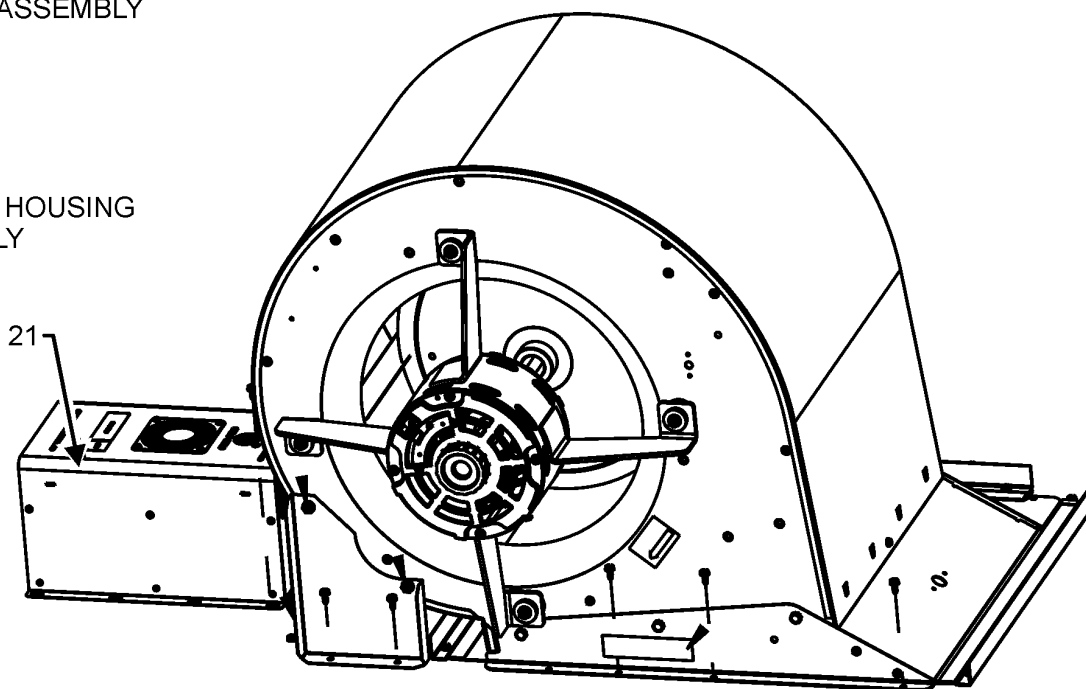
Expanded Model Nomenclature

M1 - DSH1023D000001SAA
M2 - DSH1024D000001SAA
M3 - DSH1027D000001SAA

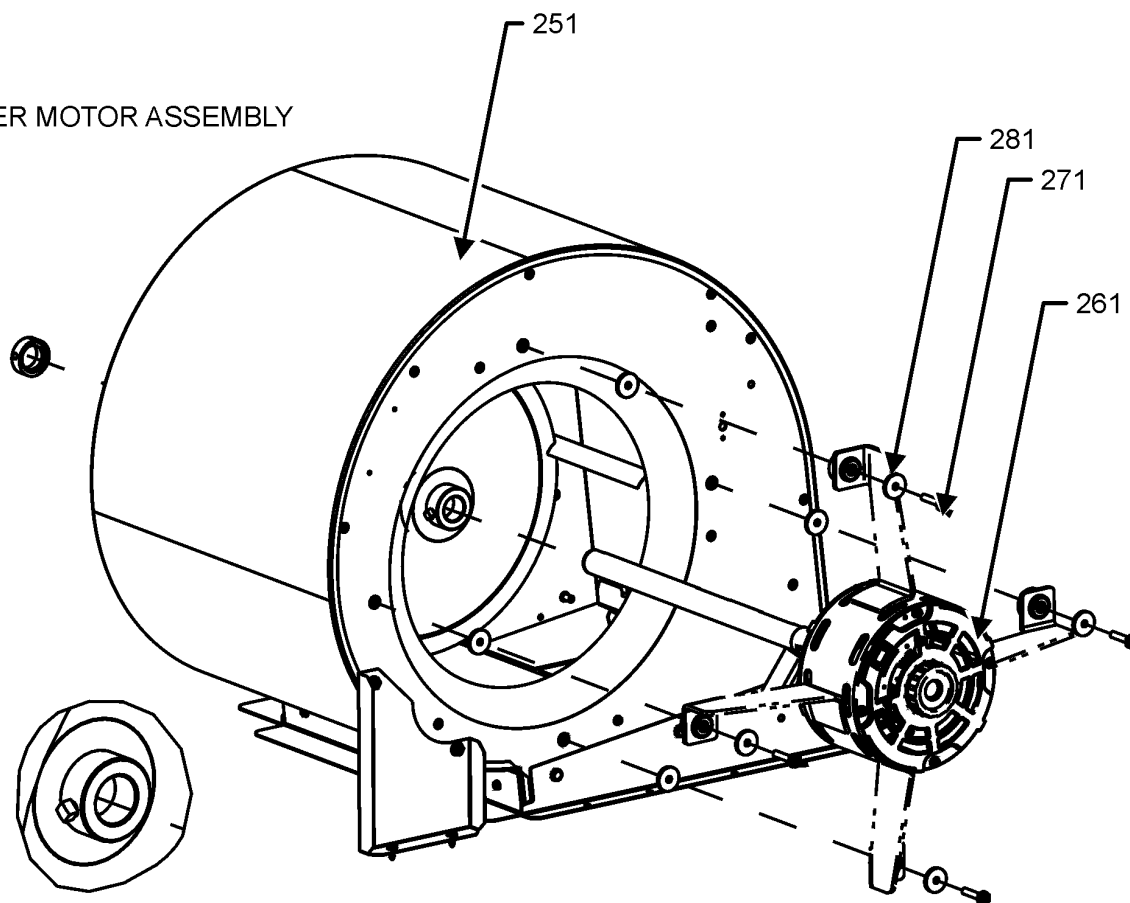
BLOWER ASSEMBLY

BLOWER ASSEMBLY

BLOWER HOUSING ASSEMBLY



BLOWER MOTOR ASSEMBLY



BLOWER ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

BLOWER ASSEMBLY

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

Image 1:

21	0131L00462	PROGRAMMED MOTOR CONTROLLER
251	0271L00147	ASSY, BLOWER PURCHASED 16X16 (M1, M2)
251	0271L00148	ASSY, BLOWER PURCHASED 16X18 (M3)
261	0131L00175	MOTOR, BLOWER (M1)
261	0131L00176	MOTOR, BLOWER (M2)
261	0131L00177	MOTOR, BLOWER (M3)
271	M0250565	SCREW-TC 1.25" (QTY 4)
281	B1392918	WASHER FLAT 1/4IDX1OD (QTY 8)

Expanded Model Nomenclature

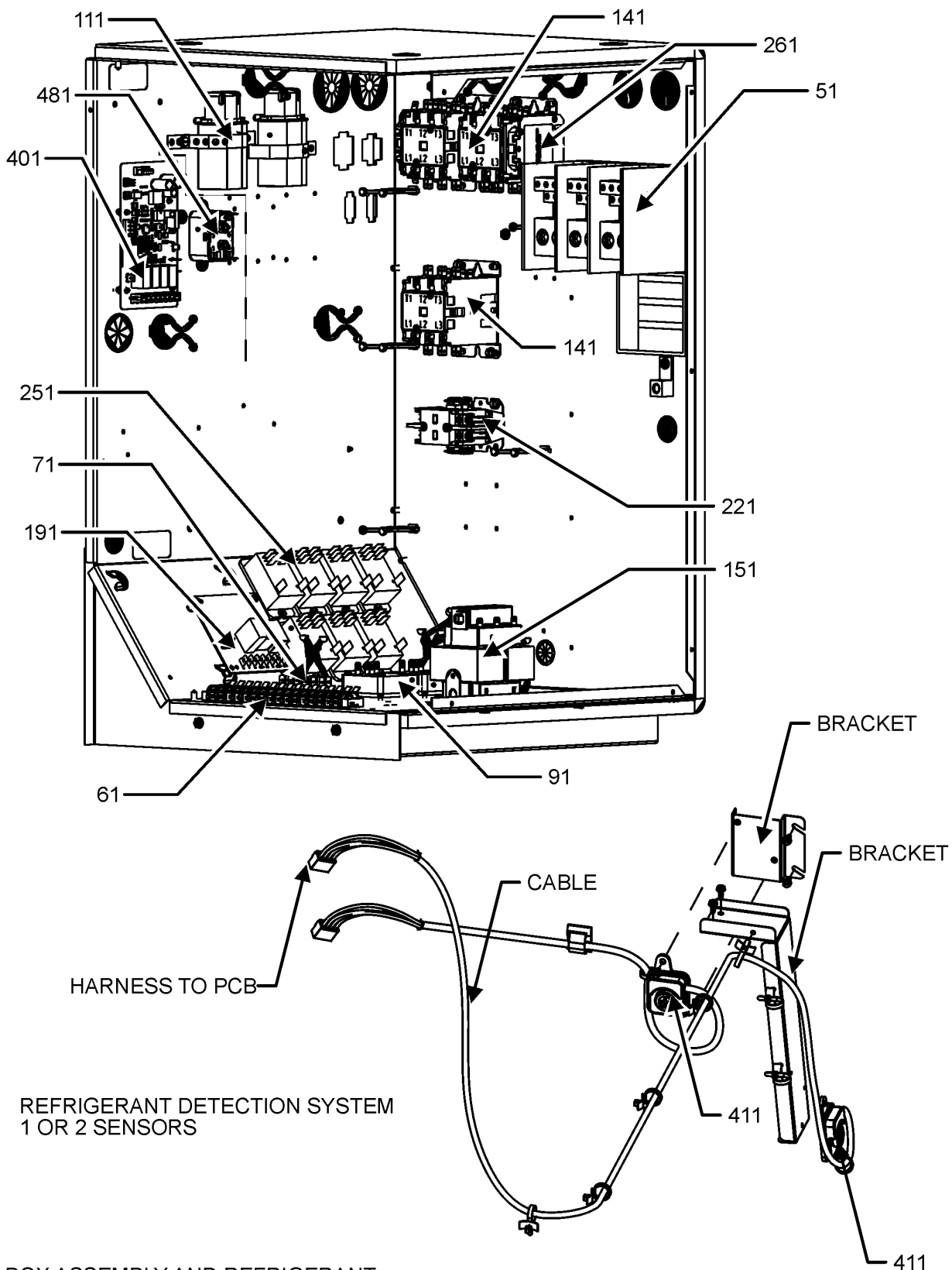
M1 - DSH1023D000001SAA

M2 - DSH1024D000001SAA

M3 - DSH1027D000001SAA

CONTROL BOX AND REFRIGERANT DET ASSY

CONTROL BOX ASSEMBLY AND REFRIGERANT DETECTION SYSTEM



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

CONTROL BOX AND REFRIGERANT DET ASSY

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
51	0130L00217		POWER,BLOCK
61	0130M00038		TERMINAL BOARD
71	802007090		TERM BOARD
91	B1370772		TIME DELAY ICM 180SEC DELA (QTY 2)
111	CAP100000370LA		CAP, 10 MFD/370V/OVAL (M1, M2)
111	CAP050000440LA		CAPACITOR (M3)
141	CONT3P030024D		CONT, 3 POLE, 30 AMP, 24VAC (QTY 3)
151	0130L00318		TRANSFORMER (M2)
151	0130L00319		TRANSFORMER (M1)
151	0130L00320		TRANSFORMER (M3)
191	PCBDM101		PCB DEFROST CONTROL
221	CONT2P030024D		CONT, 2 POLE, 30 AMP, 24VAC
251	0130M00178		DPDT RELAY 24VAC (QTY 7)
261	0130M00913		AUXILLARY SWITCH (QTY 2)
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 - DSH1023D000001SAA
M2 - DSH1024D000001SAA
M3 - DSH1027D000001SAA

ACCESSORY PARTS LIST

NOTE: NOT ALL OPTIONS AVAILABLE FOR ALL PRODUCTS

FOR ACCESSORY PARTS SEE THE FOLLOWING PART MANUAL

RP-FIOPMC

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

NS	RP-FIOPM*	ACCESSORY RP MANUAL
NS	RP-EHS(D/B)M*	HEATER KIT RP MANUAL
NS	RP-EHX(D/B)M*	HEATER KIT RP MANUAL

Expanded Model Nomenclature

M1 - DSH1023D000001SAA M2 - DSH1024D000001SAA M3 - DSH1027D000001SAA
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