REPAIR PARTS

DSH 5 Ton Commercial Package Heat Pump

DSH0601D000001SAA
DSH0603D000001SAA
DSH0604D000001SAA
DSH0607D000001SAA



COMMERCIAL GRADE

This manual is to be used by qualified technicians only.

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Important Information

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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:
0251L00186	ASSY., EXPANSION VALVE R32
0251L00187	ASSY., EXPANSION VALVE R32
CAP100000440LA	CAP 10 MFD/440V/OVAL (M3)
CAP100000370LA	CAP, 10 MFD/370V/OVAL (M2)
CAB100800440CT	CAP, 10/80 MFD/440V RD - BPRF (M1)
CAP050000440LA	CAPACITOR (M4)
YP54K1TTFEASH	COMPRESSOR (M4)
YP54K1TTFDASH	COMPRESSOR (M3)
YP54K1TPFVASH	COMPRESSOR (M1)
YP54K1TTF5ASH	COMPRESSOR (M2)
CONT2P040024D	CONT, 2 POLE, 40 AMP, 24 VAC (M1)
CONT2P040024D	CONT, 2 POLE, 40 AMP, 24 VAC
CONT2P040024D	CONT, 2 POLE, 40 AMP, 24 VAC (M1)
CONT3P030024D	CONT, 3 POLE, 30 AMP, 24 VAC (M2, M3, M4)
CONT3P030024D	CONT, 3 POLE, 30 AMP, 24VAC (M2, M3, M4)
0130M00869	CONTROL DEFROST
0130M00178	DPDT RELAY 24VAC (QTY 2)
B1086765	FAN BLADE, TYPE 3
0130L00209	HEATER, CRANKCASE 240V, 40W (M1, M2)
0130L00211	HEATER, CRANKCASE 480V, 40W (M3)
0130L00213	HEATER, CRANKCASE 575V, 40W (M4)
0131L00620	MOTOR - PROGRAMMED (M1, M2)
0131L00621	MOTOR - PROGRAMMED (M3, M4)
0131M00430	MOTOR, 1/3 HP, 1 SP, 6 PL (M1, M2)
0131M00774	MOTOR, 1/3 HP, OD (M3)
0131M00858	MOTOR, 1/3 HP, OD (M4)
PCBCM301V0001	PCB CONTROL CIR HANDLER
PCBDM133	PCB DEFROST CONTROL
0163M00629	RED CAP WITH O-RING (QTY 3)
10135604	RELAY
10135604	RELAY
0151R00071	REVERSING VALVE
SER2A08012	SENSATA R32 SENSOR
0130M00199	SWITCH CRANK CASE HEATER
0130M00730	SWITCH, HIGH PRESSURE
0130M00733	SWITCH, LOW PRESSURE
0130M00038	TERMINAL BOARD
0130L00320	TRANSFORMER (M4)
0130L00319	TRANSFORMER (M1, M2)
0130L00318	TRANSFORMER (M3)

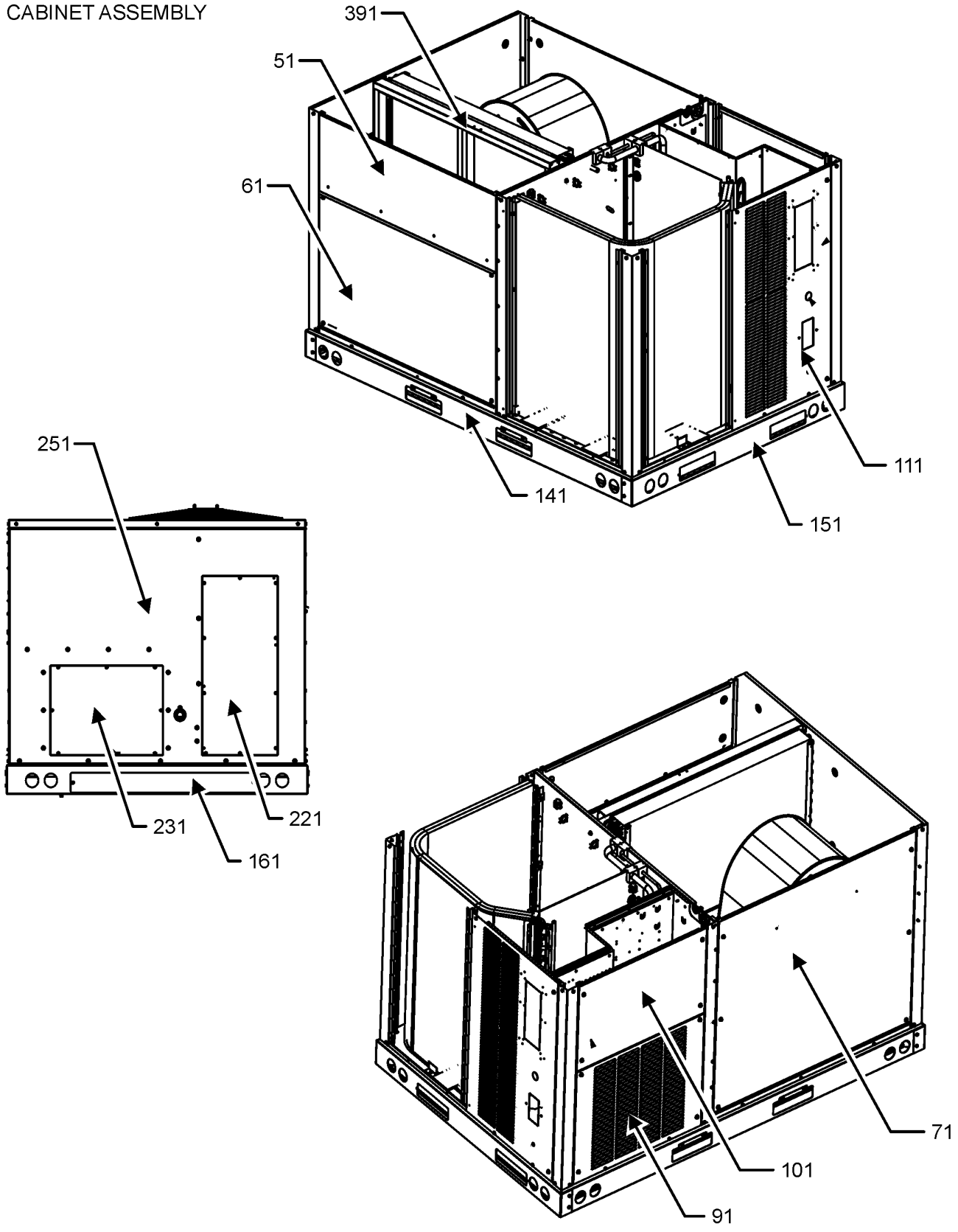
SPECIAL PARTS

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

Expanded Model Nomenclature

M1 - DSH0601D000001SAA
M2 - DSH0603D000001SAA
M3 - DSH0604D000001SAA
M4 - DSH0607D000001SAA

CABINET ASSEMBLY



CABINET ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

CABINET ASSEMBLY

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

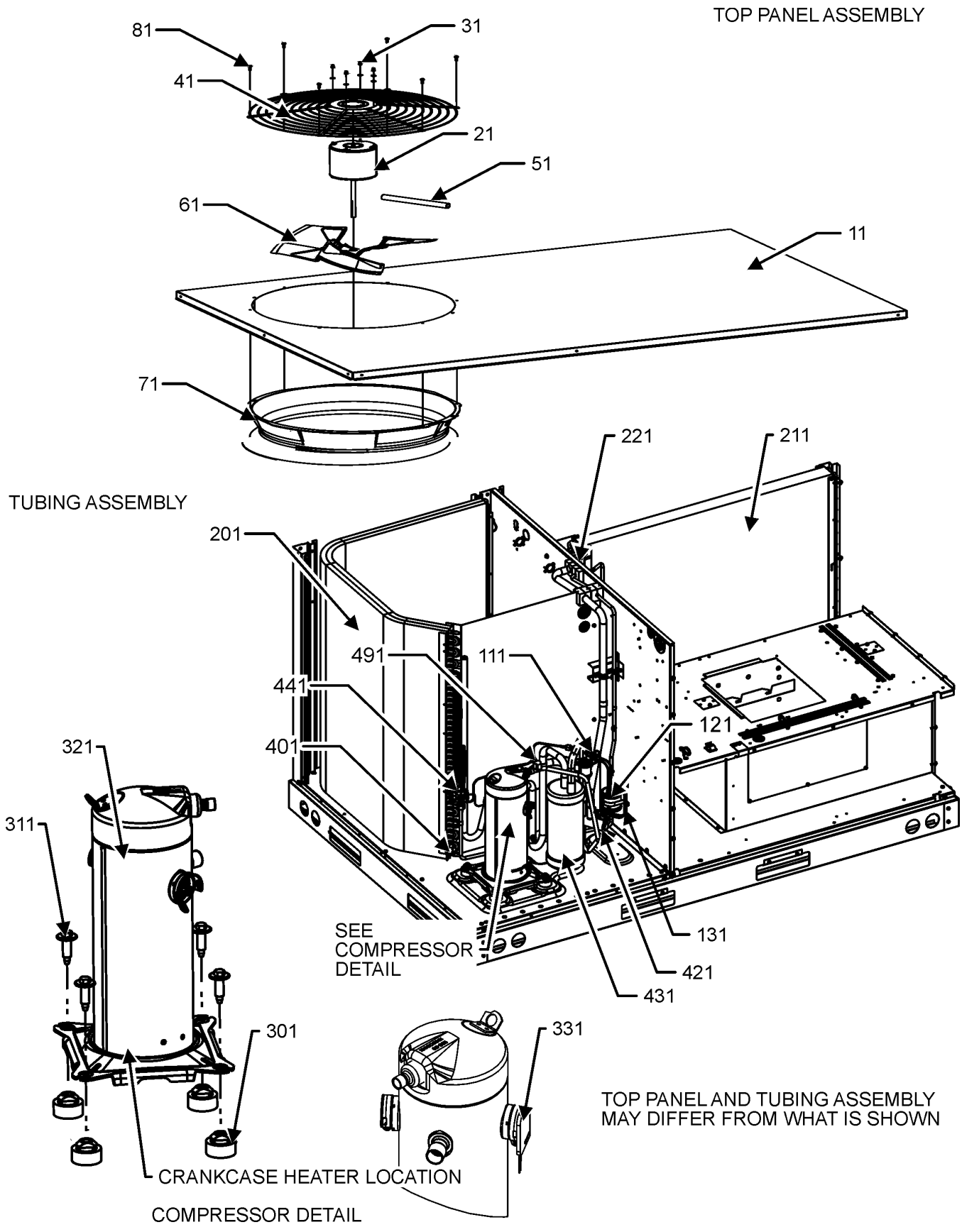
Image 1:

51	0121L01734SB	PAINTED FILTER PANEL
61	0121L01651SB	PAINTED ECONOMIZER PANEL
71	0121L04851SB	PAINTED, PANEL, 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	SMALL END RAIL
161	0121L04776	END RAIL
221	0121L02910SB	PAINTED COVER-DUCT RETURN
231	0121L02911SB	PAINTED COVER-DUCT SUPPLY
251	0121L03336SB	PAINTED BACK PANEL
391	0270L01442	ASSY., FILTER HOLDER
NS	0160L00173	AIR FILTER 14X20X2 (QTY 4)

Expanded Model Nomenclature

M1 - DSH0601D000001SAA
M2 - DSH0603D000001SAA
M3 - DSH0604D000001SAA
M4 - DSH0607D000001SAA

TOP PANEL AND TUBING ASSEMBLY



TOP PANEL AND TUBING ASSEMBLY

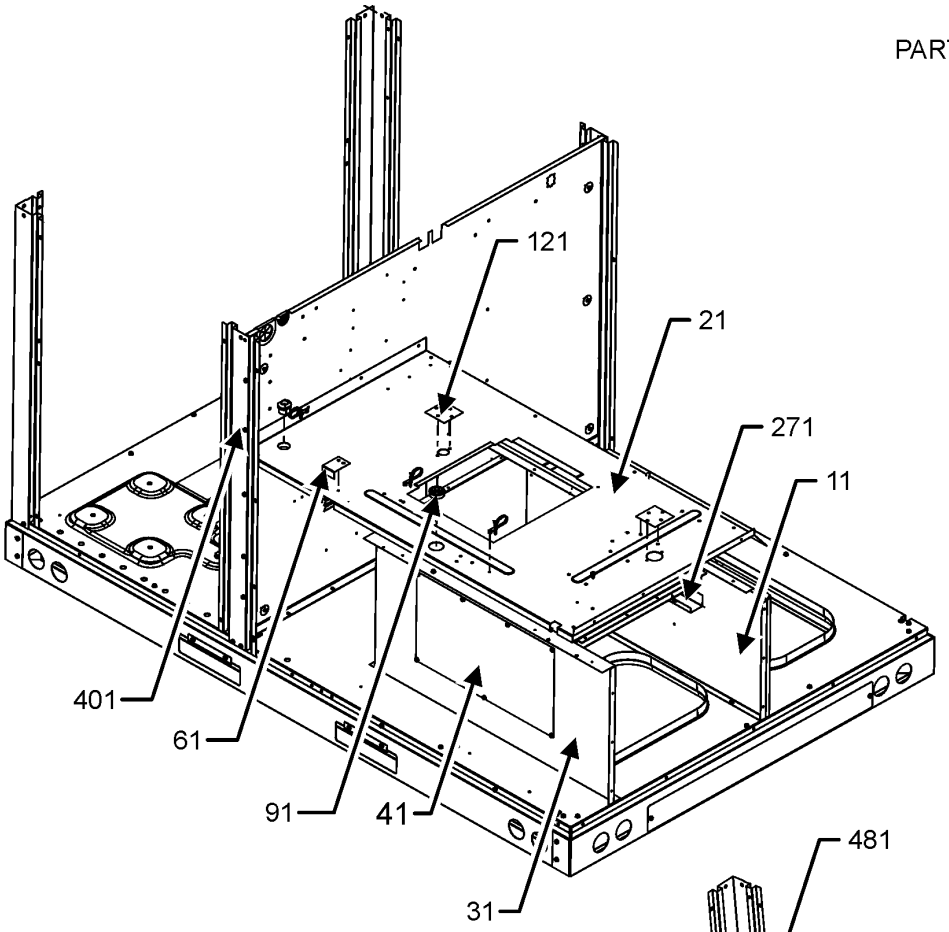
Ref. No:	Part No:	Description:
Image 1:		
11	0121L01626SB	PAINTED, TOP PANEL
21	0131M00430	MOTOR, 1/3 HP, 1 SP, 6 PL (M1, M2)
21	0131M00774	MOTOR, 1/3 HP, OD (M3)
21	0131M00858	MOTOR, 1/3 HP, OD (M4)
31	0163M00006P	ACORN NUT 5/16 HEX BLACK (QTY 4)
41	0152G00000	FAN GRILLE, RAISED
51	0161R00124	CONDUIT
61	B1086765	FAN BLADE, TYPE 3
71	0161R00048	MOLDED RING-VENTURI 22
81	0163M00004	SCREW #10X3/4", BLACK (QTY 8)
111	0130M00733	SWITCH, LOW PRESSURE
121	0162R00056	FILTER/DRIER-BI-FLOW
131	0130M00730	SWITCH, HIGH PRESSURE
201	0201L01003	COIL SLAB CIRCUIT ASSEMBLY
211	0202L00676	ID. COIL, TUBING ASSEMBLY
221	0251L00186	ASSY., EXPANSION VALVE R32
301	B1339533	COMPRESSOR GROMMET (QTY 4)
311	B1393740	COMP. BOLT & SLEEVE (QTY 4)
321	YP54K1TPFVASH	COMPRESSOR (M1)
321	YP54K1TTF5ASH	COMPRESSOR (M2)
321	YP54K1TTFDASH	COMPRESSOR (M3)
321	YP54K1TTFEASH	COMPRESSOR (M4)
331	0159L00065	HARNESS, COMP SCROLL (M2, M3, M4)
331	0159L00027	HARNESS-COMP SCROLL (M1)
401	0130M00869	CONTROL DEFROST
421	0151R00071	REVERSING VALVE
431	0151L00008	ACCUMULATOR
441	0251L00187	ASSY., EXPANSION VALVE R32
491	0130M00199	SWITCH CRANK CASE HEATER
NS	0141L00003X	BOARD-FORK (QTY 2)
NS	0130L00209	HEATER, CRANKCASE 240V, 40W (M1, M2)
NS	0130L00211	HEATER, CRANKCASE 480V, 40W (M3)
NS	0130L00213	HEATER, CRANKCASE 575V, 40W (M4)
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)

Expanded Model Nomenclature

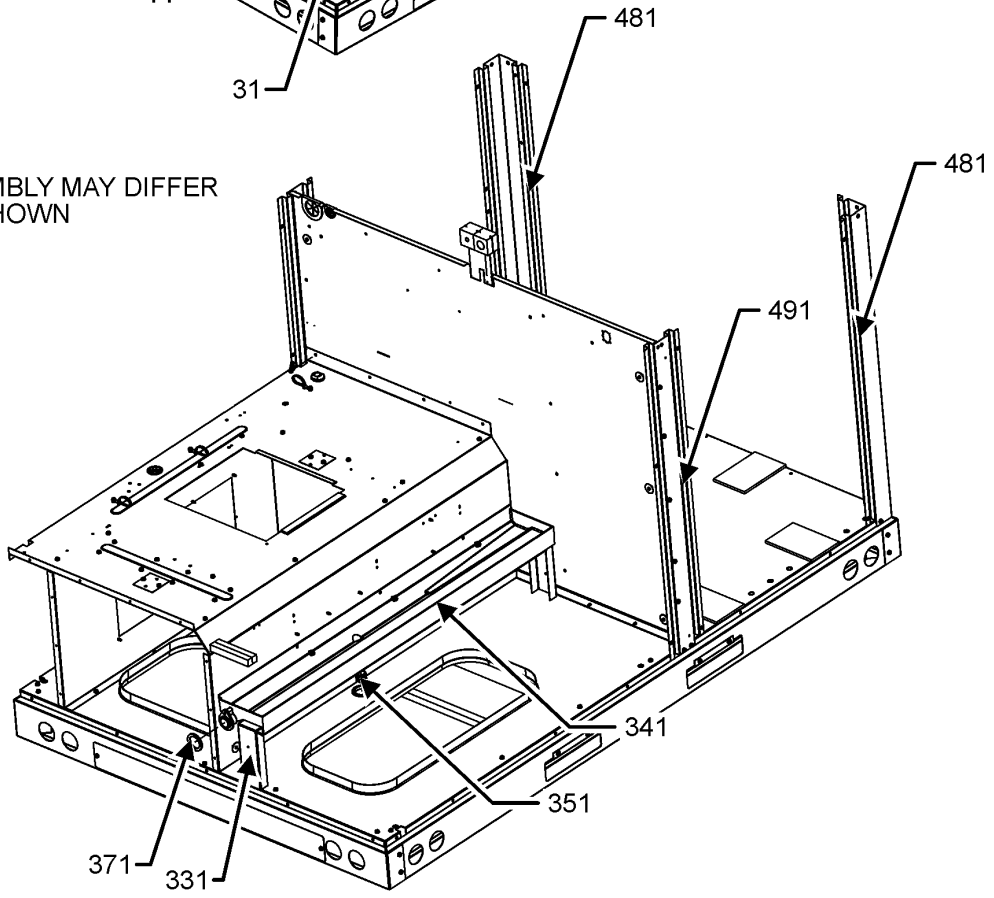
M1 - DSH0601D000001SAA
M2 - DSH0603D000001SAA
M3 - DSH0604D000001SAA
M4 - DSH0607D000001SAA

PARTITION ASSEMBLY

PARTITION ASSEMBLY



PARTITION ASSEMBLY MAY DIFFER
FROM WHAT IS SHOWN



PARTITION ASSEMBLY

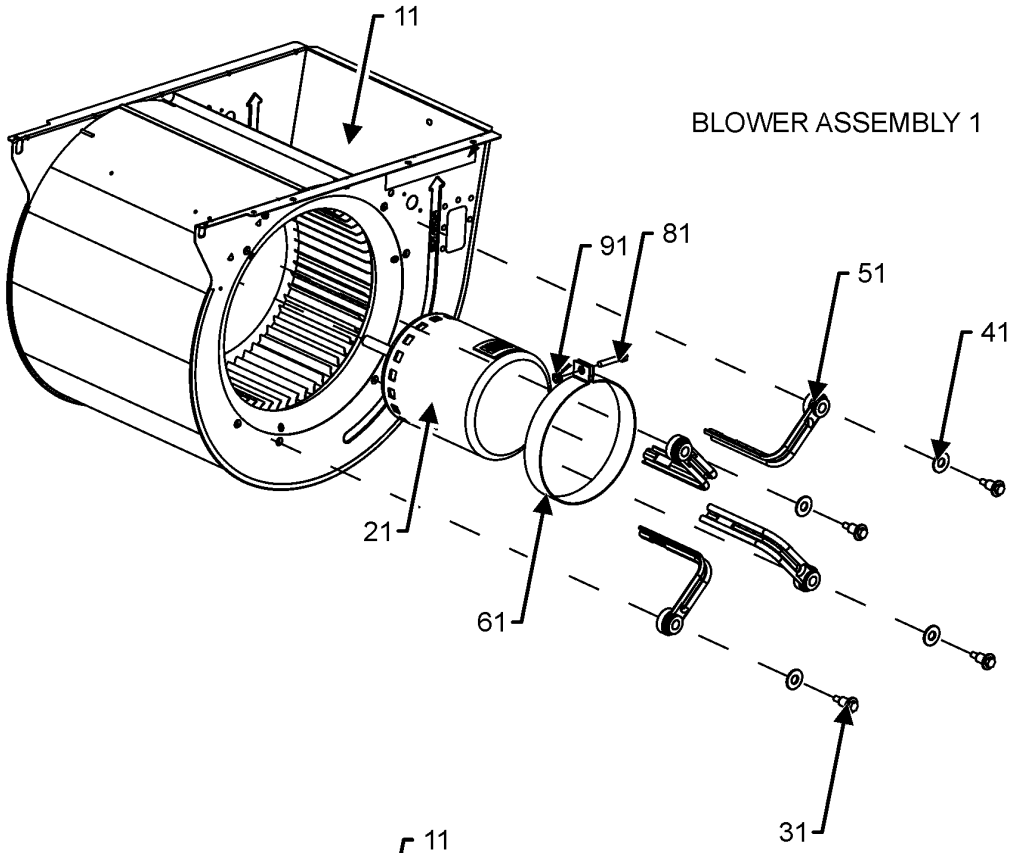
Ref. No:	Part No:	Description:	Ref. No:	Part No:	Description:
Image 1:					
11	0121L05068	BLOWER DECK SIDE			
21	0121L05160	PANEL, BLOWER DECK			
31	0121L04424	HEAT KIT BOX			
41	0121L00144	COVER-ELECTRIC HEAT			
61	0121L01709	BLOWER DECK PLATE			
91	B1392147	UNIVERSIAL BUSHING WITH SLICE			
121	0121L00321	COVER-SMOKE DETECTOR (QTY 2)			
271	0121L02633	BLOWER DECK U-BRACKET			
331	0121L01729	DRAIN PAN SUPPORT			
341	0161L00007	DRAIN PAN, EVAPORATOR 3-5 TON			
351	0163L00071	PLUG, DRAIN			
371	0154L00180	GASKET, DRAIN PAN			
401	0121L03442SB	PAINTED, SIDE POST			
481	0121L01728SB	PAINTED CORNER POST (QTY 2)			
491	0121L04180SB	PAINTED, SIDE POST			
NS	0164M00111	GROMMET-D			
NS	0164G00005	GROMMET-HORSESHOW 1.675			
NS	0121L03515	RETAINER - ELECTRIC HEAT			

Expanded Model Nomenclature

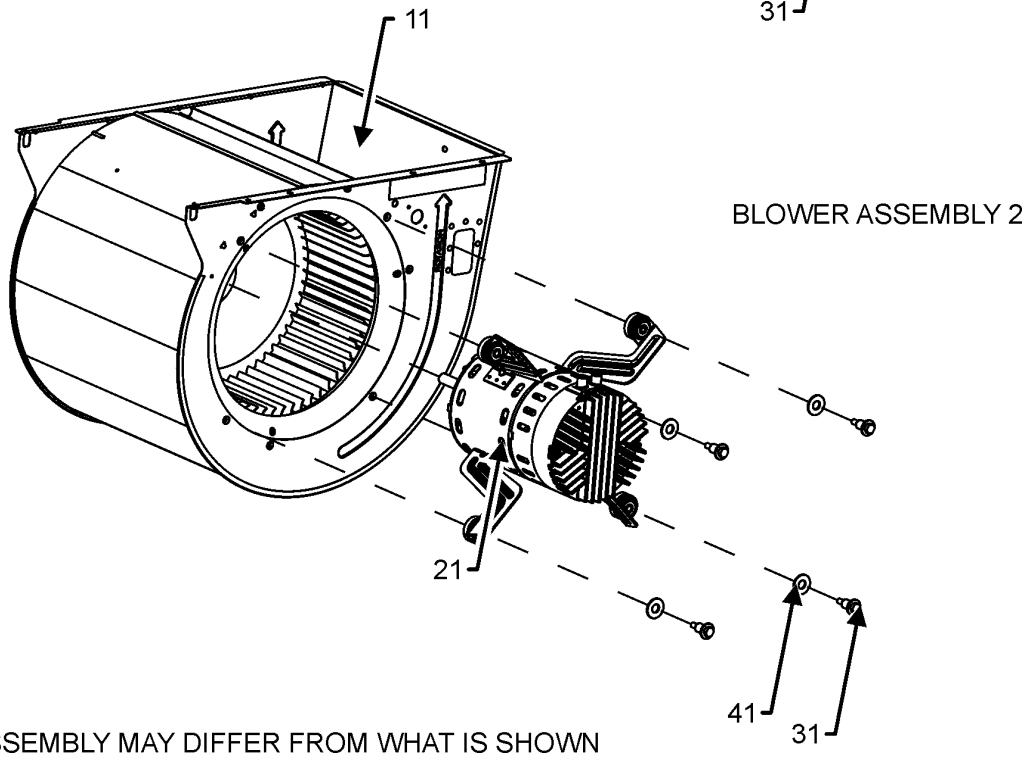
M1 - DSH0601D000001SAA
M2 - DSH0603D000001SAA
M3 - DSH0604D000001SAA
M4 - DSH0607D000001SAA

BLOWER ASSEMBLY

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:

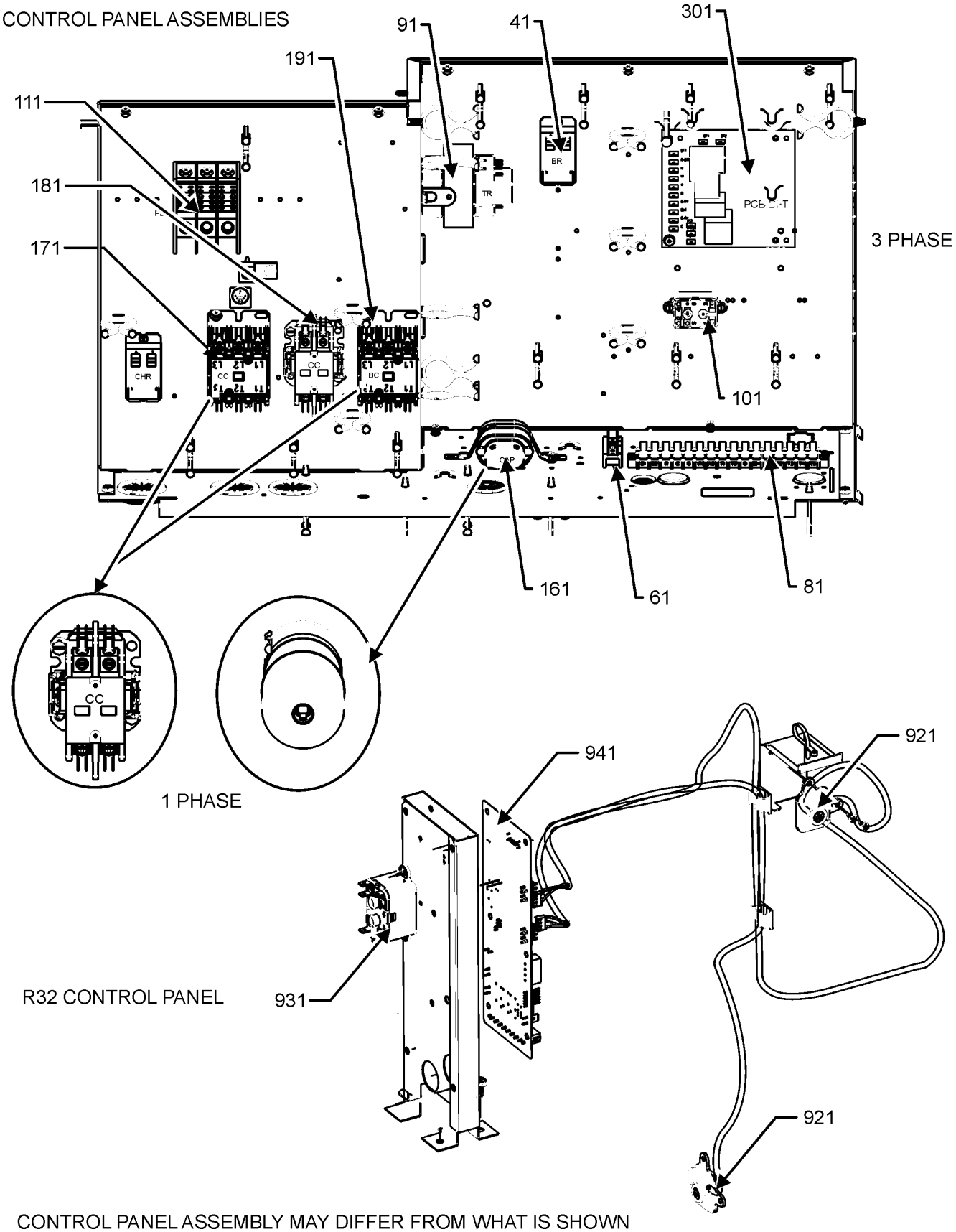
Image 1:

11	0271L00133	ASSY., BLOWER HOUSING (M1, M2)
11	0271L00137	ASSY., BLOWER HOUSING (M3, M4)
21	0131L00620	MOTOR - PROGRAMMED (M1, M2)
21	0131L00621	MOTOR - PROGRAMMED (M3, M4)
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)
61	10441601	BAND-MTR MOUNT (M1, M2)
81	0163M00320	HEX HEAD ALL THREAD TAP BOLT (M1, M2)
91	B1393800	LOCKNUT, NYLON, INSERT 1/4,20 (M1, M2)

Expanded Model Nomenclature

M1 - DSH0601D000001SAA
M2 - DSH0603D000001SAA
M3 - DSH0604D000001SAA
M4 - DSH0607D000001SAA

CONTROL PANEL ASSEMBLIES



CONTROL PANEL ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

CONTROL PANEL ASSEMBLIES

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

Image 1:

41	0130M00178	DPDT RELAY 24VAC (QTY 2)
61	802007090	TERM BOARD
81	0130M00038	TERMINAL BOARD
91	0130L00318	TRANSFORMER (M3)
91	0130L00319	TRANSFORMER (M1, M2)
91	0130L00320	TRANSFORMER (M4)
101	10135604	RELAY
111	0121M00509	BLOCK POWER (M2, M3, M4)
111	0121M00510	BLOCK POWER (M1)
161	CAP100000440LA	CAP 10 MFD/440V/OVAL (M3)
161	CAP100000370LA	CAP, 10 MFD/370V/OVAL (M2)
161	CAB100800440CT	CAP, 10/80 MFD/440V RD - BPRF (M1)
161	CAP050000440LA	CAPACITOR (M4)
171	CONT2P040024D	CONT, 2 POLE, 40 AMP, 24 VAC (M1)
171	CONT3P030024D	CONT, 3 POLE, 30 AMP, 24 VAC (M2, M3, M4)
181	CONT2P040024D	CONT, 2 POLE, 40 AMP, 24 VAC
191	CONT2P040024D	CONT, 2 POLE, 40 AMP, 24 VAC (M1)
191	CONT3P030024D	CONT, 3 POLE, 30 AMP, 24VAC (M2, M3, M4)
301	PCBDM133	PCB DEFROST CONTROL
921	SER2A08012	SENSATA R32 SENSOR
931	10135604	RELAY
941	PCBCM301V0001	PCB CONTROL CIR HANDLER
NS	0164M00127	BOOT, CAPACITOR (M2, M3, M4)
NS	0164M00079	BOOT-CAPACITOR, ROUND (M1)
NS	0130M00507	MOTOR POWER HARNESS (M1, M2)
NS	20520901	STRAP-CAPACITOR

Expanded Model Nomenclature

M1 - DSH0601D000001SAA
M2 - DSH0603D000001SAA
M3 - DSH0604D000001SAA
M4 - DSH0607D000001SAA

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

Expanded Model Nomenclature

M1 - DSH0601D000001SAA
M2 - DSH0603D000001SAA
M3 - DSH0604D000001SAA
M4 - DSH0607D000001SAA