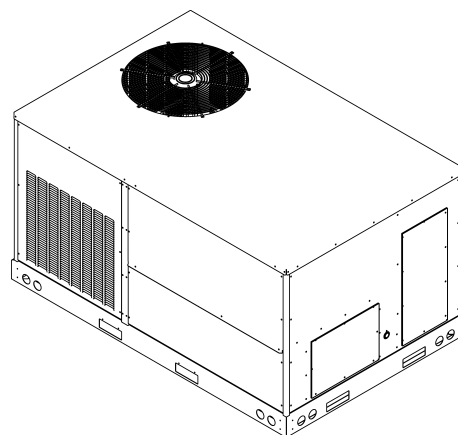


DP5HM Residential Package Heat Pump

DP5HM6031AA



This manual is to be used by qualified technicians only.

Important Information

Index

Functional Parts List	3
Illustration and Parts	4 - 13

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:
Homeowner 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:

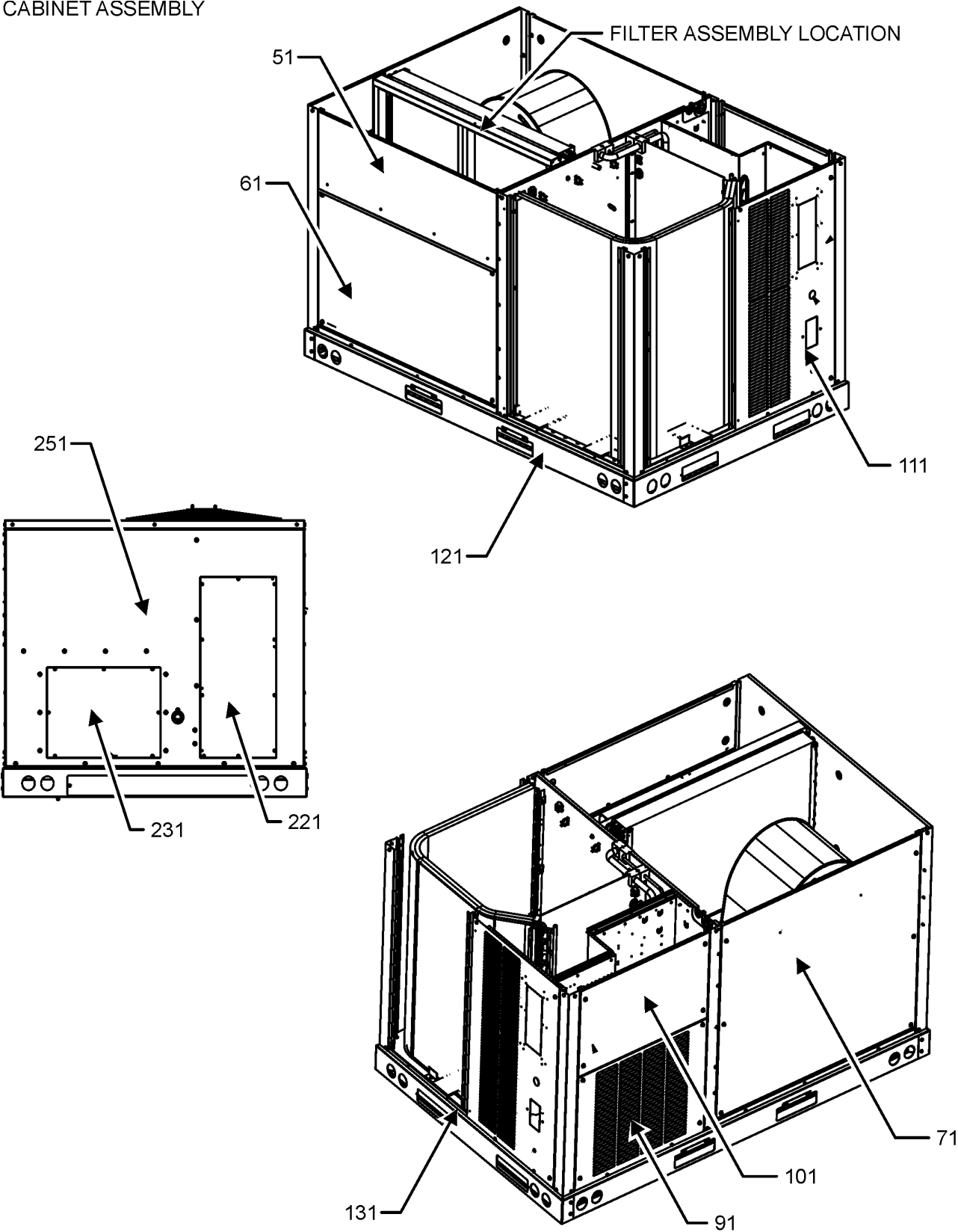
10625733	BLADE-FAN 22" ALUM CCW
CAP400000440CS	CAP,40MFD/440V/SINGLERD
YPS51K1TPFVASC	COMPRESSOR
CONT2P040024D	CONT, 2 POLE, 40 AMP, 24VAC
0130M00583	CONTROL DEFROST
0130M00101	CONTROL DEFROST
0130M00178	DPDT RELAY 24VAC (QTY 5)
0251L00246	EXPANSION VALVE ASSEMBLY
0251L00245	EXPANSION VALVE ASSEMBLY
0130M00583	FREEZE STAT
0130L00209	HEATER, CRANKCASE 240V, 40W
0131M00910	MOTOR
PCBCM301V0001	PCB CONTROL CIR HANDLER
PCBDM133	PCB, DEFROST CONTROL
0131L00709	PROGRAMMED, MOTOR
10135604	RELAY
0151R00071	REVERSING VALVE
SER2A08012	SENSATA R32 SENSOR
B1225022	SOLENOID COIL
0130M00199	SWITCH, CRANK CASE HEATER
0130M00730	SWITCH, HIGH PRESSURE
0130M00733	SWITCH, LOW PRESSURE
0130M00615	THERMOSTAT, OUTDOOR
0130L00319	TRANSFORMER

Expanded Model Nomenclature

M1 - DP5HM6031AA

CABINET ASSEMBLY

CABINET ASSEMBLY



CABINET ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

CABINET ASSEMBLY

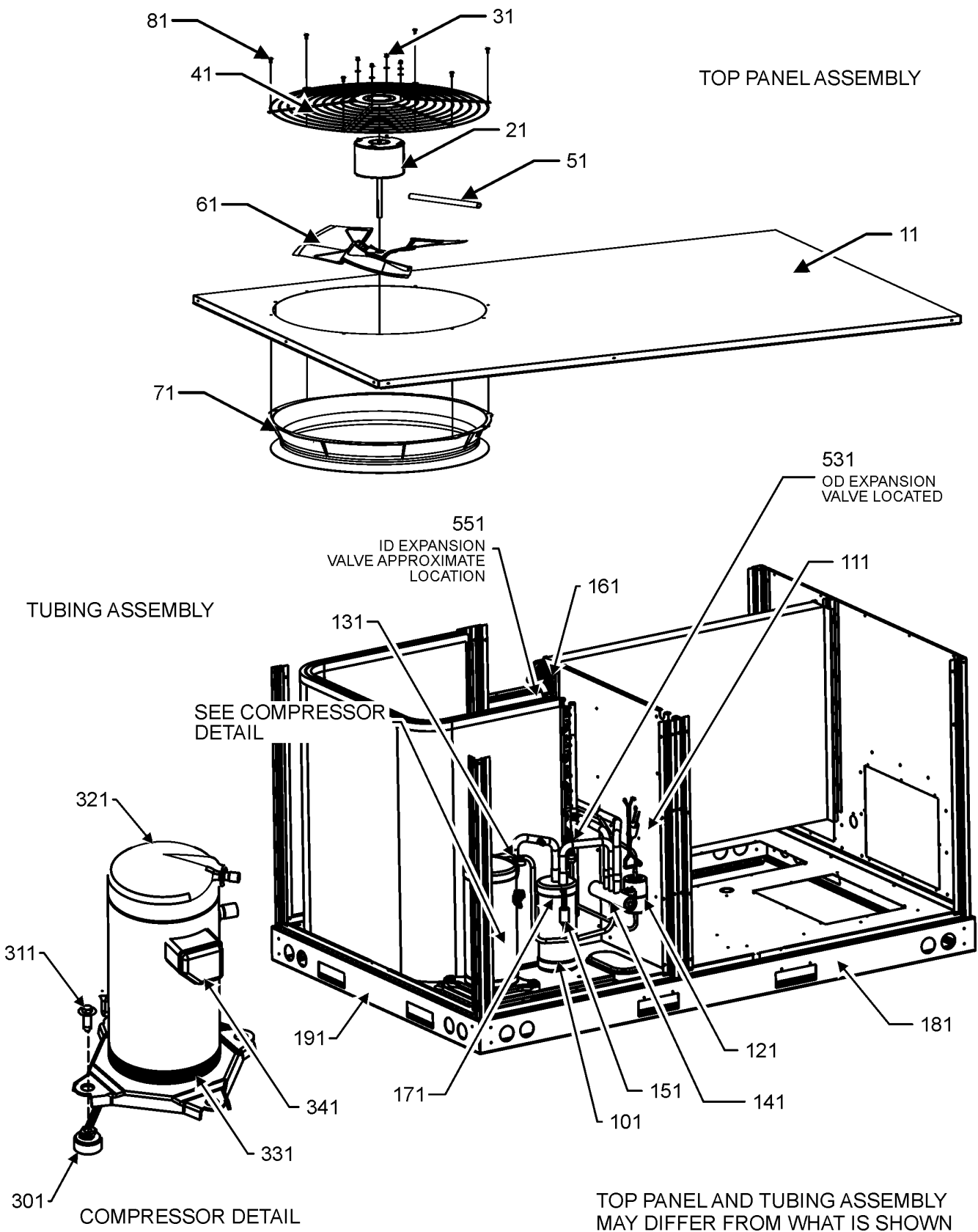
Ref. Part			Ref. Part		
No:	No:	Description:	No:	No:	Description:
Image 1:					
51	0121L01650SB	PAINTED FILTER PANEL			
61	0121L01651SB	PAINTED ECONOMIZER PANEL			
71	0121L04853SB	PAINTED, PANEL, BLOWER			
91	0121L02265SB	PAINTED COMPRESSOR PANEL			
101	0121L02262SB	PAINTED CONTROL BOX PANEL			
111	0121L03643SB	PNT., COMPRESSOR BACK PANEL			
121	0121L04850	RAIL, SIDE (QTY 2)			
131	0121L04776	END RAIL			
221	0121L02910SB	PAINTED COVER-DUCT RETURN			
231	0121L02911SB	PAINTED COVER-DUCT SUPPLY			
251	0121L05126SB	PAINTED BACK PANEL			
NS	0270L01444	ASSY FILTER HOLDER			
NS	0121L01654SB	PAINTED HAIL GUARD PANEL			
NS	0121L01655SB	PAINTED HAIL GUARD PANEL			

Expanded Model Nomenclature

M1 - DP5HM6031AA

TOP PANEL AND TUBING ASSEMBLY

TOP PANEL AND TUBING ASSEMBLY



TOP PANEL AND TUBING ASSEMBLY

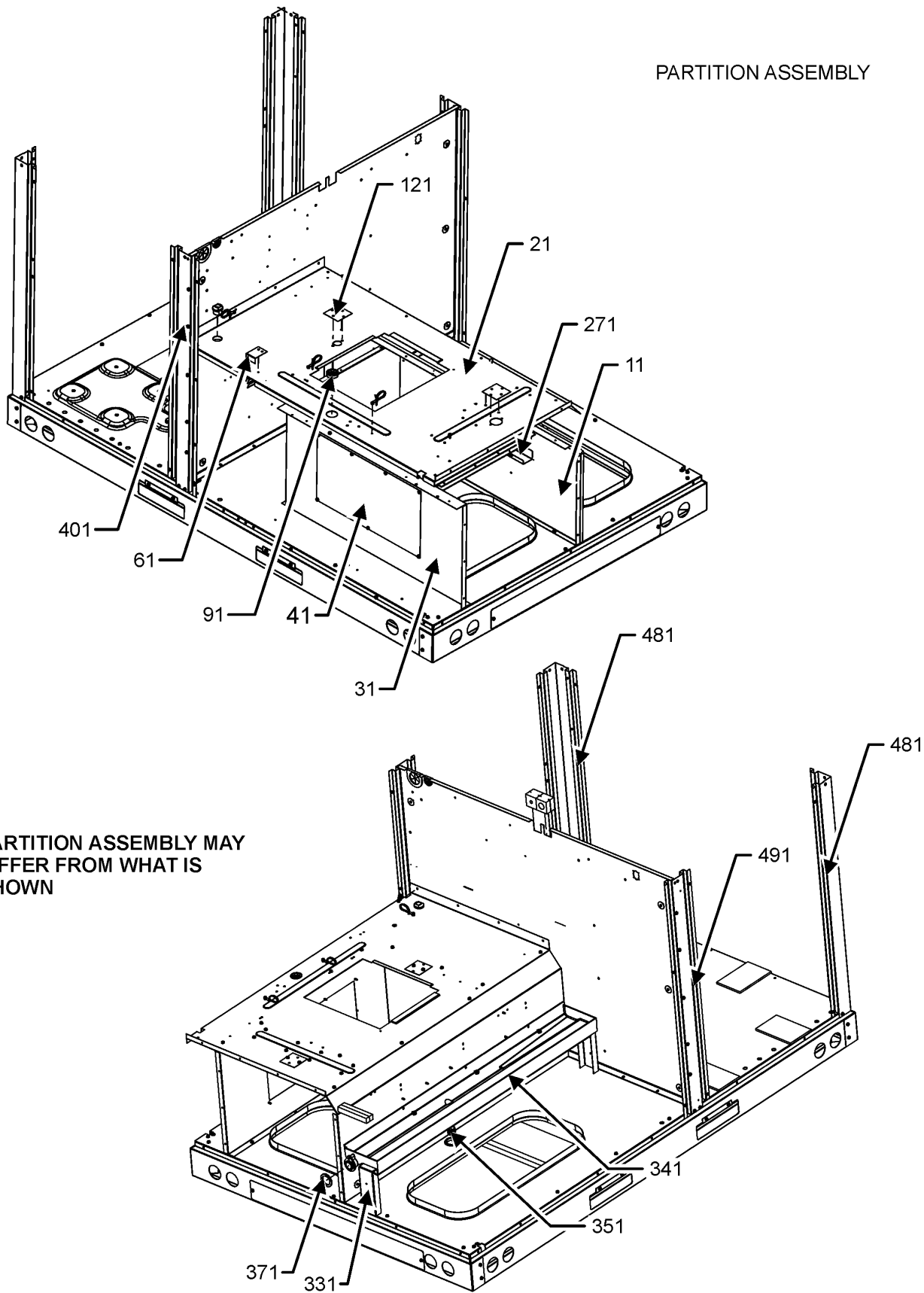
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0121L01626SB		PAINTED, TOP PANEL
21	0131M00910		MOTOR
31	0163M00006P		ACORN NUT 5/16 HEX BLACK (QTY 4)
41	0152G00000		FAN GRILLE, RAISED
51	0161R00124		CONDUIT
61	10625733		BLADE-FAN 22" ALUM CCW
71	0161R00048		MOLDED RING-VENTURI 22
81	0163M00004		SCREW #10X3/4", BLACK (QTY 8)
101	0151L00008		ACCUMULATOR
111	0130M00733		SWITCH, LOW PRESSURE
121	0162R00056		FILTER/DRIER-BI-FLOW
131	0130M00199		SWITCH, CRANK CASE HEATER
141	0151R00071		REVERSING VALVE
151	0130M00730		SWITCH, HIGH PRESSURE
161	0130M00583		CONTROL DEFROST
171	0130M00101		CONTROL DEFROST
181	0121L04850		SIDE RAIL (QTY 2)
191	0121L01621		END RAIL
301	B1339533		COMPRESSOR GROMMET (QTY 4)
311	B1393740		COMP. BOLT & SLEEVE (QTY 4)
321	YPS51K1TPFVASC		COMPRESSOR
331	0130L00209		HEATER, CRANKCASE 240V, 40W
341	0159L00027		HARNESS-COMP SCROLL
531	0251L00246		EXPANSION VALVE ASSEMBLY
551	0251L00245		EXPANSION VALVE ASSEMBLY
NS	B1373315		ACCESS FITTING (QTY 2)
NS	0141L00003X		BOARD-FORK (QTY 2)
NS	0159G00010		CABLE, COMPR SOL
NS	0160M00038		COMPRESSOR BLANKET
NS	0130M00583		FREEZE STAT
NS	0121L03516		PNL, BRACKET, FORK BOARD (QTY 4)
NS	0163M00629		RED CAP WITH O-RING (QTY 3)
NS	B1225022		SOLENOID COIL
NS	0163M00005P		WASHER, BLACK (.50 OD .218ID) (QTY 4)

Expanded Model Nomenclature

M1 - DP5HM6031AA

PARTITION PANEL

PARTITION ASSEMBLY



PARTITION PANEL

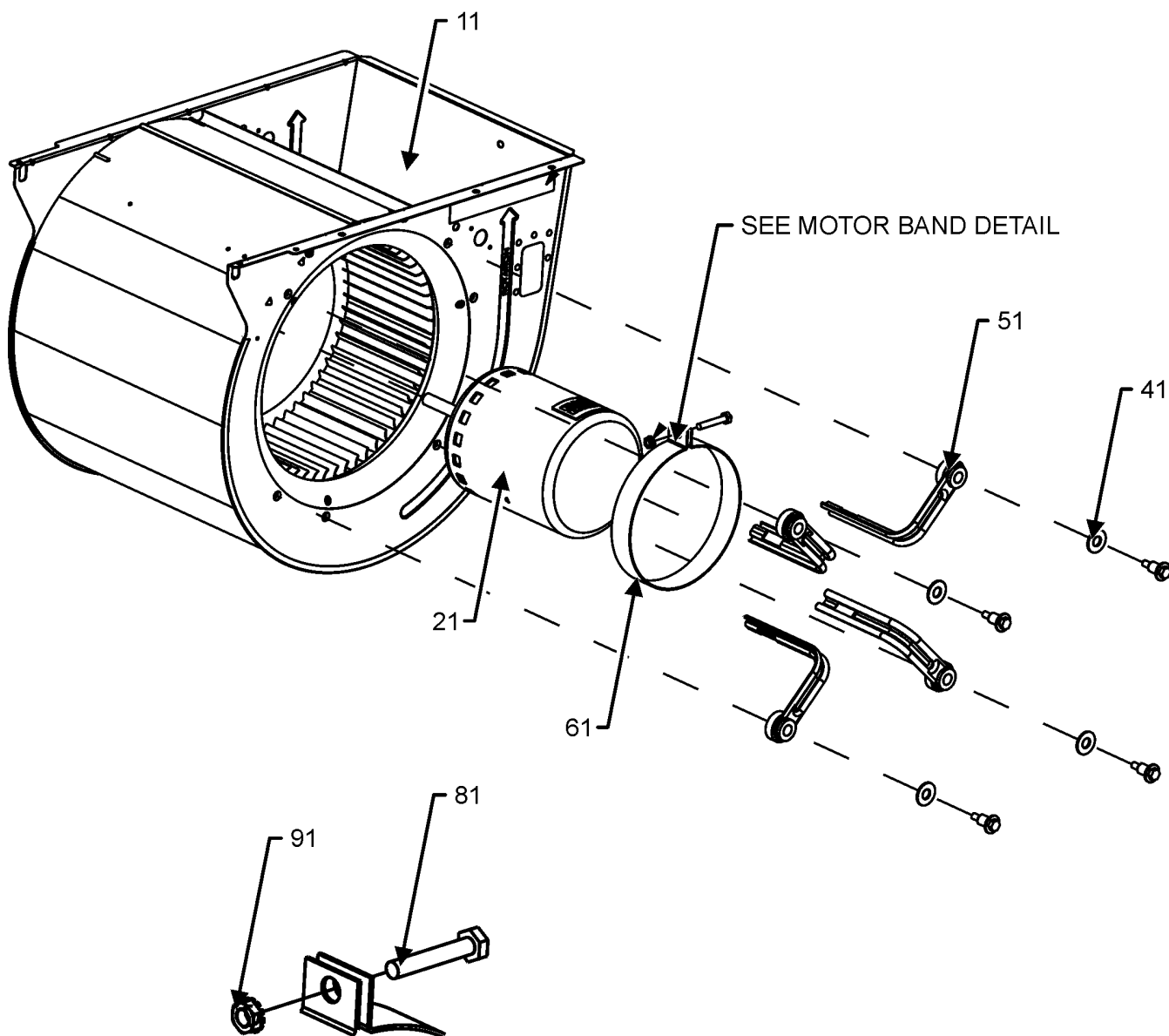
Ref. Part			Ref. Part		
No: No:		Description:	No: No:		Description:
Image 1:					
11	0121L05686	SIDE, BLOWER DECK			
21	0121L05160	PANEL, BLOWER DECK			
31	0121L04424	HEAT KIT BOX			
41	0121L00144	COVER-ELECTRIC HEAT			
61	0121L01709	BLOWER DECK PLATE			
91	B1392147	UNIVERSIAL BUSHING WITH SLICE			
121	0121L00321	COVER-SMOKE DETECTOR (QTY 2)			
271	0121L02633	BLOWER DECK U-BRACKET			
331	0121L01628	DRAINPAN SUPPORT			
341	0161L00007	DRAIN PAN, EVAPORATOR 3-5 TON			
351	0163L00071	PLUG, DRAIN			
371	0154L00180	GASKET, DRAIN PAN			
401	0121L04308SB	PAINTED, SIDE POST			
481	0121L01625SB	PAINTED CORNER POST (QTY 2)			
491	0121L03445SB	PAINTED SIDE POST			
NS	0164M00111	GROMMET-D			
NS	0164G00005	GROMMET-HORSESHOW 1.675			
NS	0121L03515	RETAINER - ELECTRIC HEAT			

Expanded Model Nomenclature

M1 - DP5HM6031AA

BLOWER ASSEMBLY

BLOWER ASSEMBLY



MOTOR BAND DETAIL

BLOWER ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

BLOWER ASSEMBLY

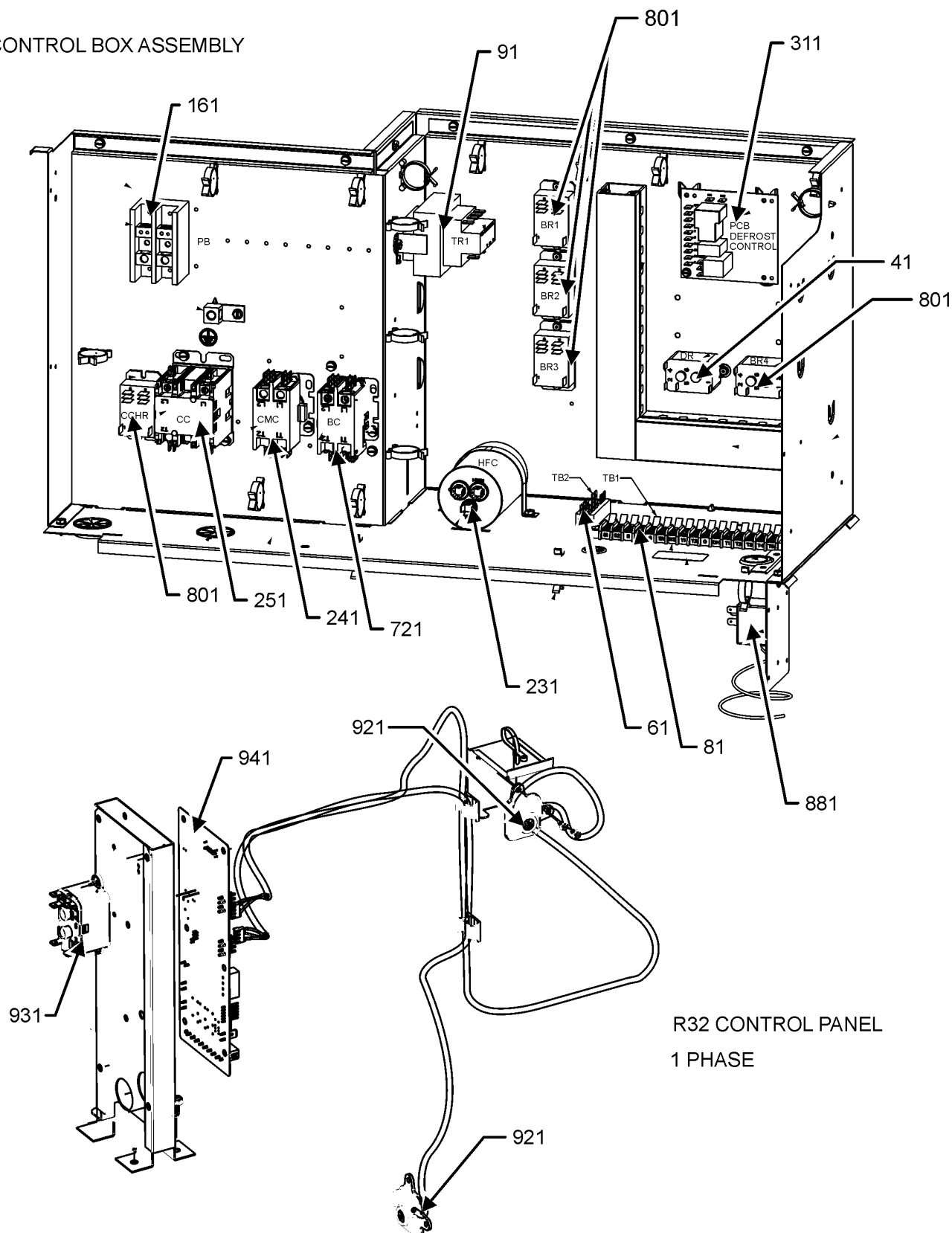
Ref. Part			Ref. Part		
No:	No:	Description:	No:	No:	Description:
Image 1:					
11	0271L00133	ASSY., HOUSING, BLWR			
21	0131L00709	PROGRAMMED, MOTOR			
31	M0250565	SCREW-TC 1.25" (QTY 4)			
41	B1392918	WASHER, FLAT 1/4 ID X 1 OD (QTY 8)			
51	0163A00008	MOTOR MOUNTING ARM (QTY 4)			
61	10441601	BAND-MTR MOUNT			
81	0163M00320	HEX HEAD ALL THREAD TAP BOLT			
91	B1393800	LOCKNUT, NYLON, INSERT 1/4,20			

Expanded Model Nomenclature

M1 - DP5HM6031AA

CONTROL BOX ASSEMBLY

CONTROL BOX ASSEMBLY



R32 CONTROL PANEL
1 PHASE

CONTROL BOX ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

CONTROL BOX ASSEMBLY

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
41	10135604		RELAY
61	0130M00038		TERMINAL BOARD
81	802007090		TERM BOARD
91	0130L00319		TRANSFORMER
161	0130M00510		BLOCK, POWER
231	CAP400000440CS		CAP,40MFD/440V/SINGLERD
241	CONT2P040024D		CONT, 2 POLE, 40 AMP, 24VAC
251	CONT2P040024D		CONT, 2 POLE, 40 AMP, 24VAC
311	PCBDM133		PCB, DEFROST CONTROL
721	CONT2P040024D		CONT, 2 POLE, 40 AMP, 24VAC
801	0130M00178		DPDT RELAY 24VAC (QTY 5)
881	0130M00615		THERMOSTAT, OUTDOOR
921	SER2A08012		SENSATA R32 SENSOR
931	10135604		RELAY
941	PCBCM301V0001		PCB CONTROL CIR HANDLER
NS	0164M00079		BOOT-CAPACITOR, ROUND
NS	0130M00507		MOTOR POWER HARNESS
NS	0130M00507		POWER HARNESS
NS	20520901		STRAP-CAPACITOR
NS	0259L02254		WIRE HARNESS ASSY.
NS	0259L02255		WIRE HARNESS ASSY.

Expanded Model Nomenclature

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