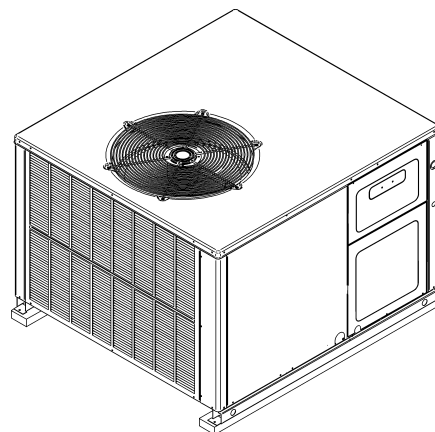


DP3HM Residential Package Heat Pump

DP3HM2431AA
DP3HM3031AA
DP3HM3631AA
DP3HM3633AA
DP3HM4231AA
DP3HM4831AA
DP3HM4833AA
DP3HM6031AA
DP3HM6033AA



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

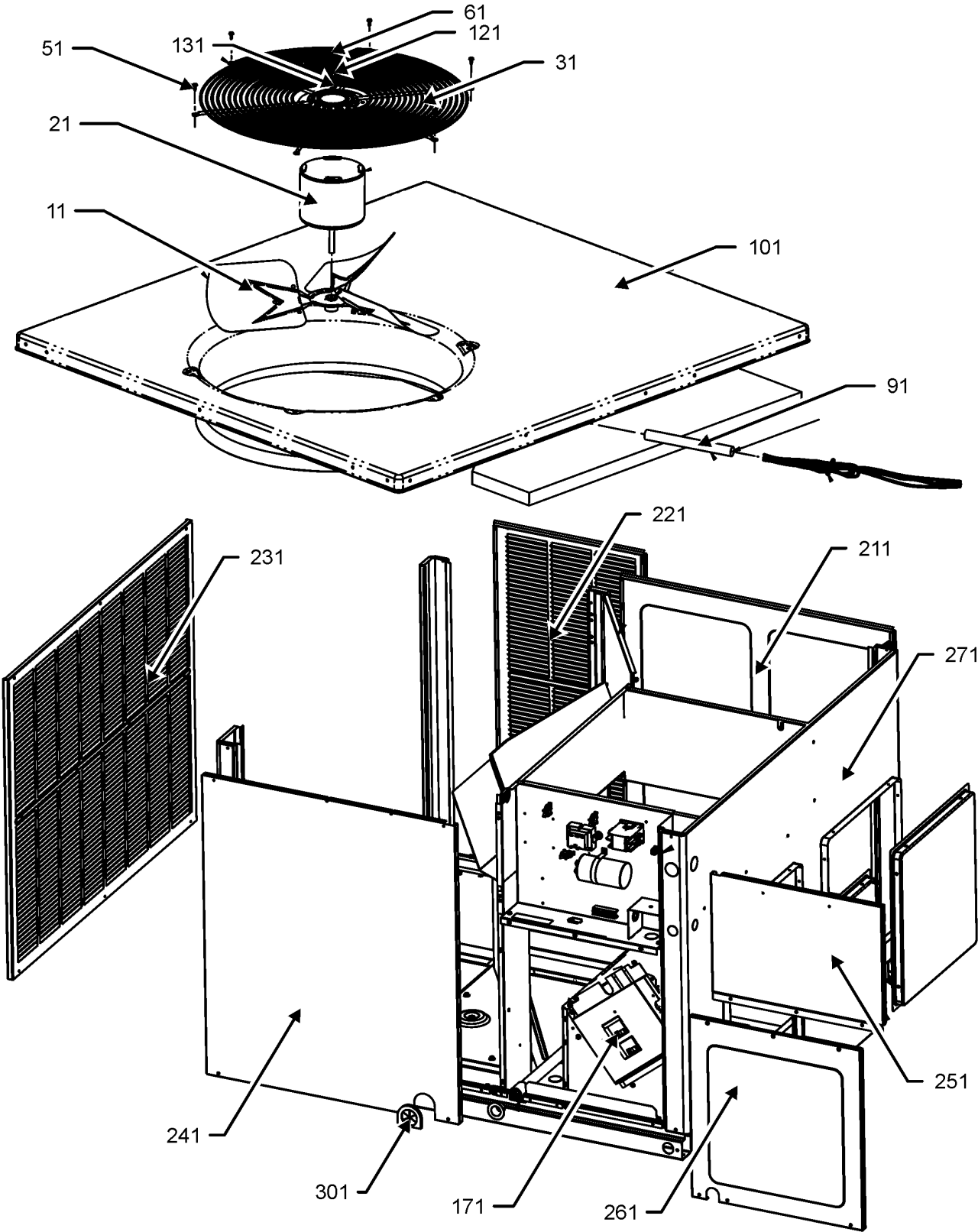
Part

No: Description:

		Expanded Model Nomenclature
CAP100000370LA	CAP, 10 MFD/370V/OVAL (M7, M9)	M1 - DP3HM2431AA
CAP100400440CT	CAP, 10/40 MFD, 440V/ DUAL RD (M8)	M2 - DP3HM3031AA
CAP100500440CT	CAP, 10/50 MFD/440V/DUAL RD (M6)	M3 - DP3HM3631AA
CAP050000370LA	CAP, 5 MFD/370V/OVAL (M4)	M4 - DP3HM3633AA
CAB050350440CS	CAP, 5/35 MFD/440V RD - BPRF (M1)	M5 - DP3HM4231AA
CAB050400440CT	CAP, 5/40 MFD/440V RD - BPRF (M2, M3, M5)	M6 - DP3HM4831AA
YP31K1TTF5ASE	COMPRESSOR (M4)	M7 - DP3HM4833AA
YP31K1TPFVASE	COMPRESSOR (M3)	M8 - DP3HM6031AA
YP25K1TPFVASE	COMPRESSOR (M2)	M9 - DP3HM6033AA
YP21K1TPFVASE	COMPRESSOR (M1)	
YPS51K1TPFVASC	COMPRESSOR (M8)	
YPS51K1TTF5ASC	COMPRESSOR (M9)	
YP44K1TTF5ASC	COMPRESSOR (M7)	
YP44K1TPFVASC	COMPRESSOR (M6)	
YP38K1TPFVASC	COMPRESSOR (M5)	
CONT1P030024D	CONT, 1 POLE, 30 AMP, 24VAC (M1, M2, M3)	
CONT2P040024D	CONT, 2 POLE, 40 AMP, 24VAC (M5, M6, M8)	
CONT3P030024D	CONT, 3 POLE, 30 AMP, 24VAC (M4)	
CONT3P040024D	CONT, 3 POLE, 40 AMP, 24VAC (M7, M9)	
0130M00197	CONTROL DEFROST	
0131M00749M	CONTROLLERLESS MOTOR (M8, M9)	
0131M00747M	CONTROLLERLESS MOTOR (M5, M6, M7)	
0131M00750M	CONTROLLERLESS MOTOR (M1, M2, M3, M4)	
0163R00021	HEATER CRANKCASE (M6, M7, M8, M9)	
0130M00075	LOW PRESSURE SWITCH	
0131M00430	MOTOR 1/3 HP 1 SP 6PL (M6, M7, M8, M9)	
0131M00847	MOTOR, 1/4 HP, 1 SP, 6 PL (M5)	
0131M00836	MOTOR, 1/4HP,1SP,8PL,AL (M1, M2, M3, M4)	
PCBDM133	PCB DEFROST CONTROL	
PCBCM301V0001	PCB, CONTROL, AIR HANDLER	
0131G20024	PROGRAMMED CONTROLLER (M8, M9)	
0131G00170	PROGRAMMED CONTROLLER (M2)	
0131G00171	PROGRAMMED CONTROLLER (M3, M4)	
0131G00172	PROGRAMMED CONTROLLER (M5)	
0131G20022	PROGRAMMED CONTROLLER (M1)	
0131G00173	PROGRAMMED CONTROLLER (M6, M7)	
0130M00242	RELAY 24V (M8, M9)	
0151R00069	REVERSING VALVE (M1, M2)	
0151R00071	REVERSING VALVE (M3, M4, M5, M6, M7, M8, M9)	
0130M00199	SWITCH CRANK CASE HEATER (M6, M7, M8, M9)	
0130M00138	TRANSFORMER 208/230 24V	
0151G20017	VALVE, TXV (M8, M9)	
0151G20005	VALVE, TXV (M8, M9)	

TOP PANEL AND CABINET ASSEMBLY

TOP PANEL AND CABINET ASSEMBLY



TOP PANEL AND CABINET ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

TOP PANEL AND CABINET ASSEMBLY

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0150G00002		FAN BLADE SWP/W (M3, M4, M5, M6, M7, M8, M9)
11	0150M00008		FAN BLADE, 22" TNT2203-25 (M1, M2)
21	0131M00430		MOTOR 1/3 HP 1 SP 6PL (M6, M7, M8, M9)
21	0131M00847		MOTOR, 1/4 HP, 1 SP, 6 PL (M5)
21	0131M00836		MOTOR, 1/4HP,1SP,8PL,AL (M1, M2, M3, M4)
31	0152G00000		FAN GRILLE, RAISED (M3, M4, M5, M6, M7, M8, M9)
31	0152G00003		GRILLE-FAN (M1, M2)
51	M0221817		SCREW SM (QTY 6)
61	0163M00006P		NUT ACORN 5/16 HEX BLACK (QTY 4)
91	0161R00123		CONDUIT
101	0121G00887NG		PNL TOP PNT
121	0163M00005P		WASHER BLACK .50 OD .218ID (QTY 4)
131	M0272803		WASHER LOCK
171	0121G00725		COVER HK (QTY 2)
211	20464801NG		DOOR - BLOWER 32 W/PAINT (M1, M2, M3, M4)
211	20464806NG		DOOR - BLOWER 40 W/PAINT (M5, M6, M7, M8, M9)
221	20467701NG		PANEL - COND SIDE 32 W/PAINT (M1, M2, M3, M4)
221	20467702NG		PANEL - COND SIDE 40 W/PAINT (M5, M6, M7, M8, M9)
231	0121G00728NG		PANEL-COND LOUVERED 32 (M1, M2, M3, M4)
231	0121G00729NG		PANEL-COND LOUVERED 40 (M5, M6, M7, M8, M9)
241	0121G00659NG		COMPRESSOR PANEL (M6, M7, M8, M9)
241	0121G00662NG		COMPRESSOR PANEL (M1, M2, M3, M4)
241	0121G00663NG		COMPRESSOR PANEL (M5)
251	0121G20040NG		PAINTED, PANEL, CB CNVRT
261	0121G20039NG		PAINTED, BLOWER PNL CNVRT 32.5 (M1, M2, M3, M4)
261	0121G00883NG		PNL, PAINTED 40" BLWR (M5, M6, M7, M8, M9)
271	0121G00800NG		PNL, DUCT, CNVRT, 32.5" PNT (M1, M2, M3, M4)
271	0121G00801NG		PNL, DUCT, CNVRT, 40" PNT (M5, M6, M7, M8, M9)
301	0164G00005		GROMMET HORSESHOE 1.675
NS	0164M00111		GROMMET D (QTY 3)
NS	B1392012		GROMMET HS 1.0 - .79

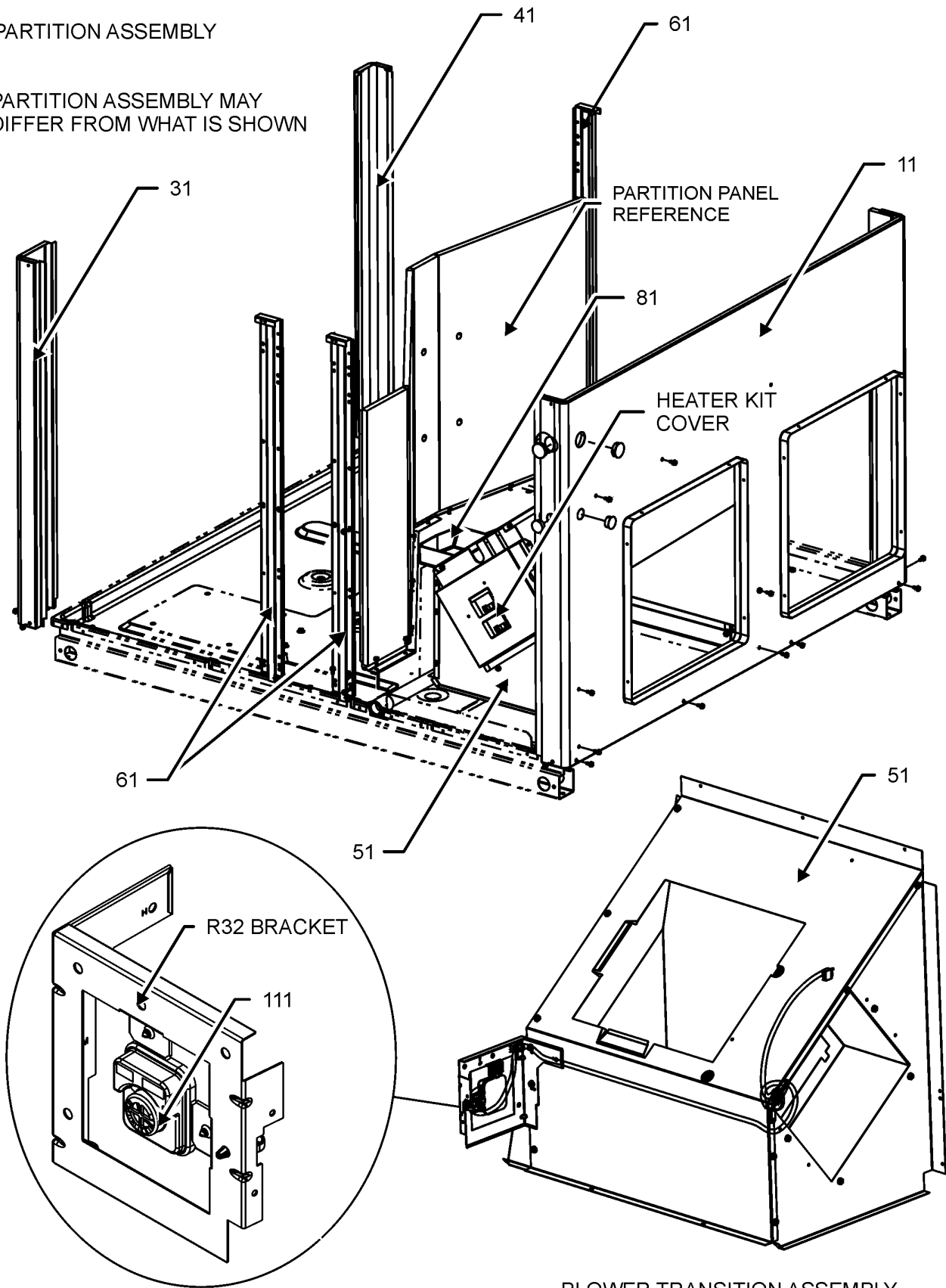
Expanded Model Nomenclature

M1 - DP3HM2431AA
M2 - DP3HM3031AA
M3 - DP3HM3631AA
M4 - DP3HM3633AA
M5 - DP3HM4231AA
M6 - DP3HM4831AA
M7 - DP3HM4833AA
M8 - DP3HM6031AA
M9 - DP3HM6033AA

PARTITION ASSEMBLY

PARTITION ASSEMBLY

PARTITION ASSEMBLY MAY
DIFFER FROM WHAT IS SHOWN



BLOWER TRANSITION ASSEMBLY

PARTITION ASSEMBLY

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

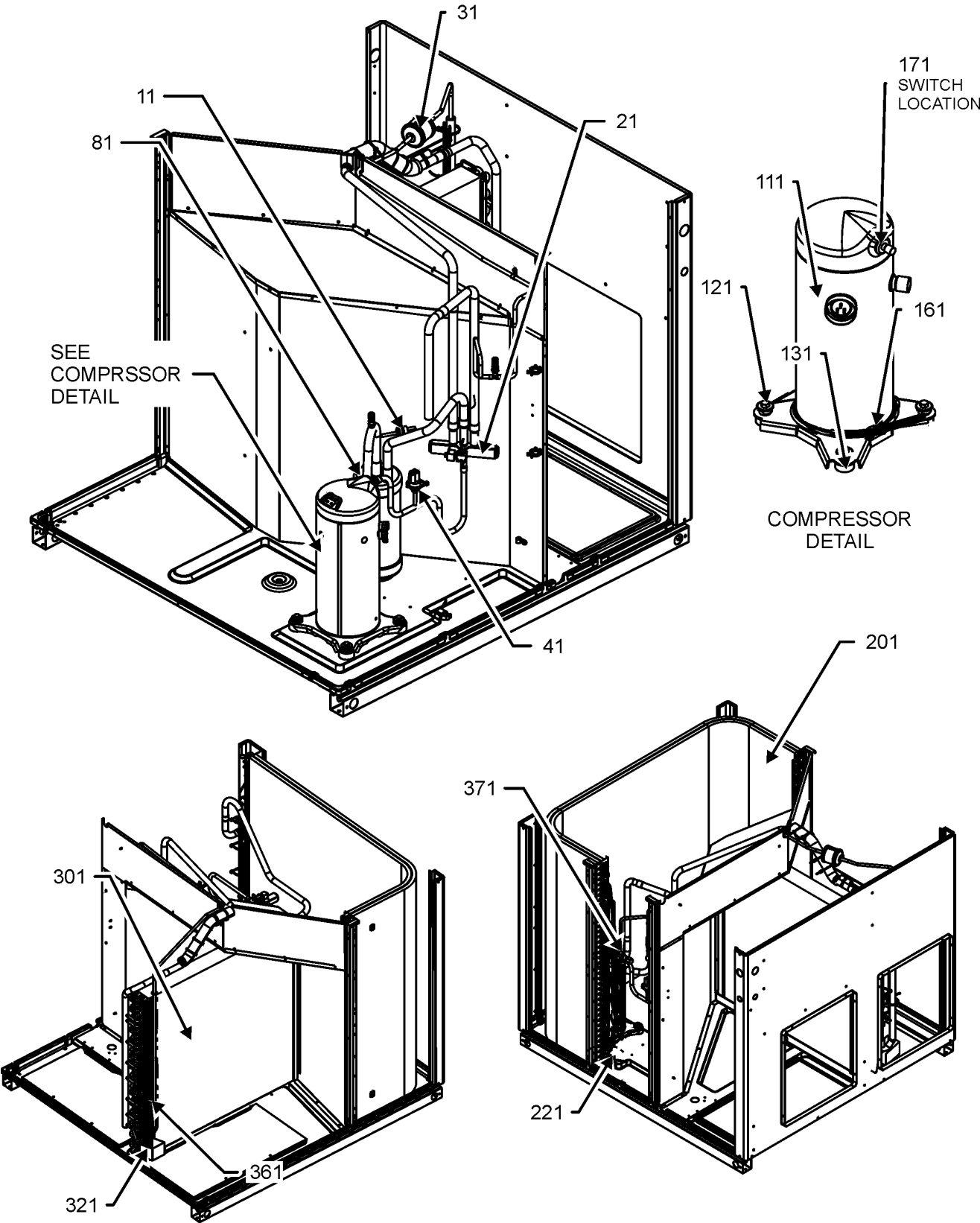
11	0121G00800NG	PNL, DUCT, CNVRT, 32.5" PNT (M1, M2, M3, M4)
11	0121G00801NG	PNL, DUCT, CNVRT, 40" PNT (M5, M6, M7, M8, M9)
31	20464201NG	CRNR POST-COMP END 32 W/PAINT (M1, M2, M3, M4)
31	20464202NG	CRNR POST-COMP END 40 W/PAINT (M5, M6, M7, M8, M9)
41	20464301NG	CRNR POST-HPIN END 32 W/PAINT (M1, M2, M3, M4)
41	20464302NG	CRNR POST-HPIN END 40 W/PAINT (M5, M6, M7, M8, M9)
51	0221G00020	R32 BLOWER TRANSITION ASSEMBLY
61	0121G00460	POST-SUPPORT, SIDE (M1, M2, M3, M4)
61	0121G00615	POST-SUPPORT, SIDE 40 (M5, M6, M7, M8, M9)
81	0161G00003	DRIP PAN PLASTIC
111	SER2A08012	SENSATA, R32 SENSOR
NS	0121G20000	BRACKET, R32 SENSOR
NS	0261G00001	PIPE DRAIN

Expanded Model Nomenclature

M1 - DP3HM2431AA
M2 - DP3HM3031AA
M3 - DP3HM3631AA
M4 - DP3HM3633AA
M5 - DP3HM4231AA
M6 - DP3HM4831AA
M7 - DP3HM4833AA
M8 - DP3HM6031AA
M9 - DP3HM6033AA

TUBING ASSEMBLY

TUBING ASSEMBLY



TUBING ASSEMBLY

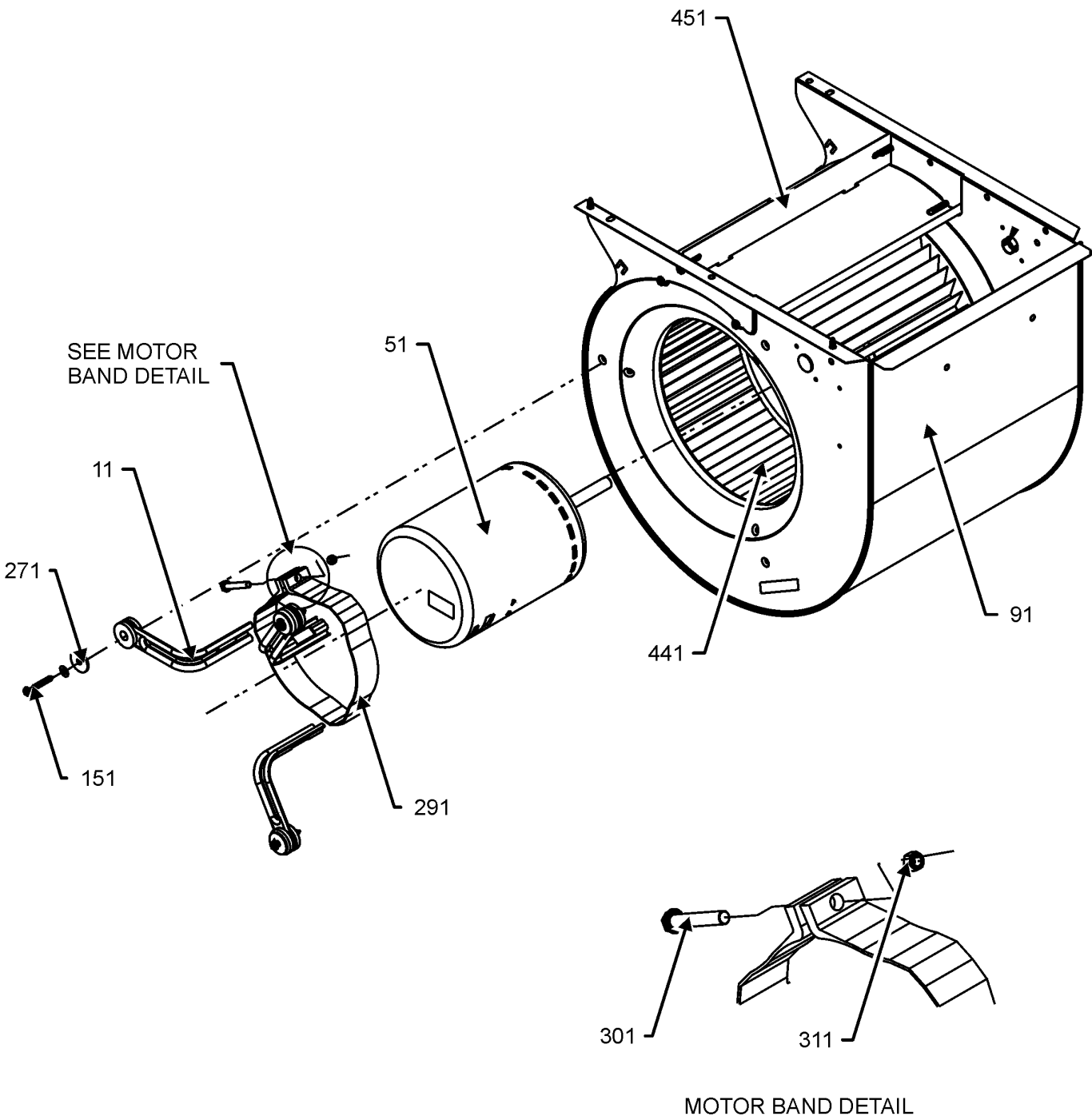
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0130M00075		LOW PRESSURE SWITCH
21	0151R00069		REVERSING VALVE (M1, M2)
21	0151R00071		REVERSING VALVE (M3, M4, M5, M6, M7, M8, M9)
31	0162R00056		FILTER/DRIER BI FLOW
41	0130M20009		HIGH PRESSURE SWITCH
81	B1226206		ACCUMULATOR (M1, M2)
81	B1226207		ACCUMULATOR (M3, M4, M5, M6, M7, M8, M9)
111	YP21K1TPFVASE		COMPRESSOR (M1)
111	YP25K1TPFVASE		COMPRESSOR (M2)
111	YP31K1TPFVASE		COMPRESSOR (M3)
111	YP31K1TTF5ASE		COMPRESSOR (M4)
111	YP38K1TPFVASC		COMPRESSOR (M5)
111	YP44K1TPFVASC		COMPRESSOR (M6)
111	YP44K1TTF5ASC		COMPRESSOR (M7)
111	YPS51K1TPFVASC		COMPRESSOR (M8)
111	YPS51K1TTF5ASC		COMPRESSOR (M9)
121	B1339533		GROMMET COMPRESSOR SCROLL (QTY 4)
131	M0221641		SCREW SHOULD TF (QTY 4)
161	0163R00021		HEATER CRANKCASE (M6, M7, M8, M9)
171	0130M00199		SWITCH CRANK CASE HEATER (M6, M7, M8, M9)
201	0201G20007		COND COIL ASSEMBLY (M8, M9)
201	0201G20030		COND COIL TUBING ASSEMBLY (M1)
201	0201G20031		COND COIL TUBING ASSEMBLY (M2)
201	0201G20032		COND COIL TUBING ASSEMBLY (M3, M4)
201	0201G20033		COND COIL TUBING ASSEMBLY (M5)
201	0201G20034		COND COIL TUBING ASSEMBLY (M6, M7)
221	0130M00197		CONTROL DEFROST
301	0202G20028		COIL TUBING ASSEMBLY (M8, M9)
301	0202G20048		COIL TUBING ASSEMBLY (M1)
301	0202G20049		COIL TUBING ASSEMBLY (M2)
301	0202G20050		COIL TUBING ASSEMBLY (M3, M4)
301	0202G20051		COIL TUBING ASSEMBLY (M5)
301	0202G20053		COIL TUBING ASSEMBLY (M6, M7)
321	0121G00509		SHIELD DRIP
361	0151G20005		VALVE, TXV (M8, M9)
371	0151G20017		VALVE, TXV (M8, M9)
NS	B1373315		ACCESS FITTING (QTY 2)
NS	0160M00039		COMPRESSOR BLANKET (M1, M2, M3, M5, M6, M8)
NS	0159G00001		COMPRESSOR SOLENOID CABLE (M8, M9)
NS	0163M00629		RED CAP WITH O-RING (QTY 2)
NS	B1225022		SOLENOID COIL

Expanded Model Nomenclature

M1 - DP3HM2431AA
M2 - DP3HM3031AA
M3 - DP3HM3631AA
M4 - DP3HM3633AA
M5 - DP3HM4231AA
M6 - DP3HM4831AA
M7 - DP3HM4833AA
M8 - DP3HM6031AA
M9 - DP3HM6033AA

BLOWER ASSEMBLY

BLOWER ASSEMBLY



BLOWER ASSEMBLY MAY DIFFER FROM WHAT SHOWN

BLOWER ASSEMBLY

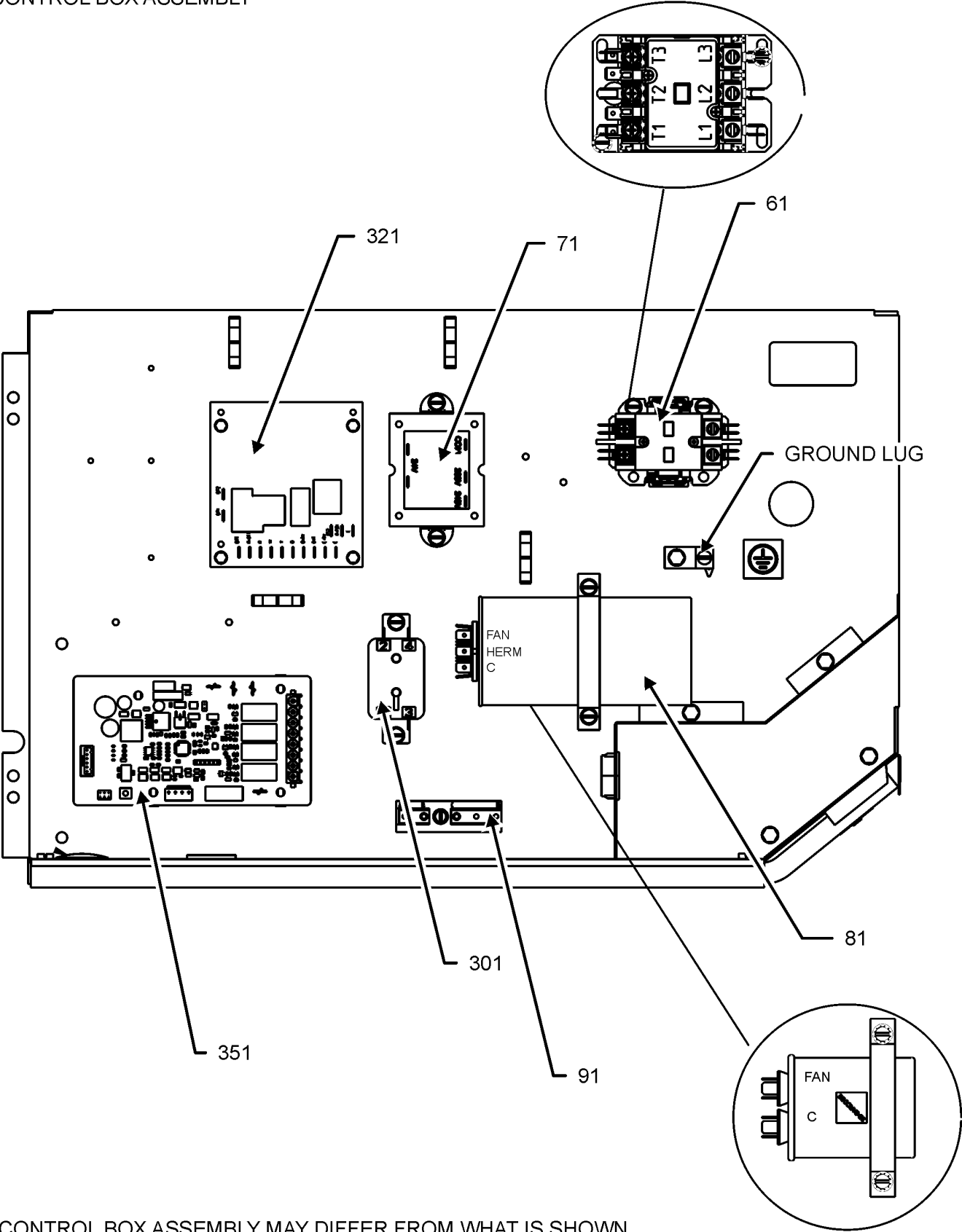
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	B1376857		MOTOR MOUNT ARM (QTY 3)
51	0131M00747M		CONTROLLERLESS MOTOR (M5, M6, M7)
51	0131M00749M		CONTROLLERLESS MOTOR (M8, M9)
51	0131M00750M		CONTROLLERLESS MOTOR (M1, M2, M3, M4)
51	0131G00170		PROGRAMMED CONTROLLER (M2)
51	0131G00171		PROGRAMMED CONTROLLER (M3, M4)
51	0131G00172		PROGRAMMED CONTROLLER (M5)
51	0131G00173		PROGRAMMED CONTROLLER (M6, M7)
51	0131G20022		PROGRAMMED CONTROLLER (M1)
51	0131G20024		PROGRAMMED CONTROLLER (M8, M9)
91	0271G00024		BLOWER HOUSING ASSY 10X9
151	M0250565		SCREW TC 1.25 (QTY 3)
271	B1392918		WASHER FLAT 1/4 ID X 1 OD (QTY 3)
291	0121M00038		MOUNT BAND MOTOR
301	B1393323		SCREW MACH HWH 1/4 20X1 1/2BZ
311	B1393800		LOCKNUT NYLON INSERT 1/4 20
441	D6723303		WHEEL BLOWER
451	764742		BLOCK OFF - BLOWER
NS	0259G00155		BLOWER HARNESS ASSEMBLY
NS	M0221817		SCREW SM (QTY 6)

Expanded Model Nomenclature

M1 - DP3HM2431AA
M2 - DP3HM3031AA
M3 - DP3HM3631AA
M4 - DP3HM3633AA
M5 - DP3HM4231AA
M6 - DP3HM4831AA
M7 - DP3HM4833AA
M8 - DP3HM6031AA
M9 - DP3HM6033AA

CONTROL BOX ASSEMBLY

CONTROL BOX ASSEMBLY



CONTROL BOX ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

CONTROL BOX ASSEMBLY

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
61	CONT1P030024D		CONT, 1 POLE, 30 AMP, 24VAC (M1, M2, M3)
61	CONT2P040024D		CONT, 2 POLE, 40 AMP, 24VAC (M5, M6, M8)
61	CONT3P030024D		CONT, 3 POLE, 30 AMP, 24VAC (M4)
61	CONT3P040024D		CONT, 3 POLE, 40 AMP, 24VAC (M7, M9)
71	0130M00138		TRANSFORMER 208/230 24V
81	CAP100000370LA		CAP, 10 MFD/370V/OVAL (M7, M9)
81	CAP100400440CT		CAP, 10/40 MFD, 440V/ DUAL RD (M8)
81	CAP100500440CT		CAP, 10/50 MFD/440V/DUAL RD (M6)
81	CAP050000370LA		CAP, 5 MFD/370V/OVAL (M4)
81	CAB050350440CS		CAP, 5/35 MFD/440V RD - BPRF (M1)
81	CAB050400440CT		CAP, 5/40 MFD/440V RD - BPRF (M2, M3, M5)
91	802007090		TERM BOARD
301	0130M00242		RELAY 24V (M8, M9)
321	PCBDM133		PCB DEFROST CONTROL
351	PCBCM301V0001		PCB, CONTROL, AIR HANDLER
NS	0259G00223		COMP HARNESS ASSY (M4)
NS	0259G00224		COMP HARNESS ASSY (M9)
NS	0259G00323		COMP HARNESS ASSY (M7)
NS	0259G00158		COMPRESSOR HARNESS ASSEMBLY (M8)
NS	0259G00247		COMPRESSOR HARNESS ASSEMBLY (M1, M2, M3, M5)
NS	0259G00260		COMPRESSOR HARNESS ASSY (M6)
NS	B1392012		GROMMET / HS 1.0 - .79
NS	0159G00004		HARNESS-COMP SCROLL (M8)
NS	0159G00007		HARNESS-COMP SCROLL (M4, M7)
NS	0159G00012		HARNESS-COMP SCROLL (M9)
NS	0159G00014		HARNESS-COMP SCROLL (M1, M2, M3, M5, M6)
NS	B1378533		LUG, GROUND SMALL, 4T
NS	20520901		STRAP CAPACITOR

Expanded Model Nomenclature

M1 - DP3HM2431AA
M2 - DP3HM3031AA
M3 - DP3HM3631AA
M4 - DP3HM3633AA
M5 - DP3HM4231AA
M6 - DP3HM4831AA
M7 - DP3HM4833AA
M8 - DP3HM6031AA
M9 - DP3HM6033AA