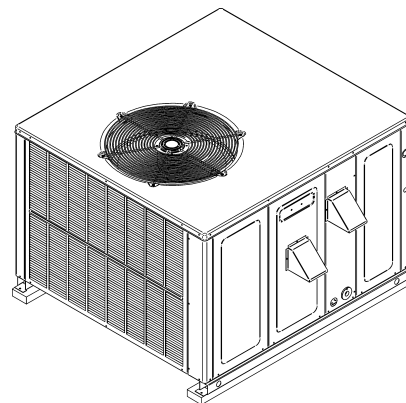


DP3UM Residential Package Gas Unit

DP3UM2404031AA
DP3UM3006031AA
DP3UM3606031AA
DP3UM3608033AA
DP3UM4208031AA
DP3UM4808031AA
DP3UM4808033AA
DP3UM6008031AA
DP3UM6008033AA



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

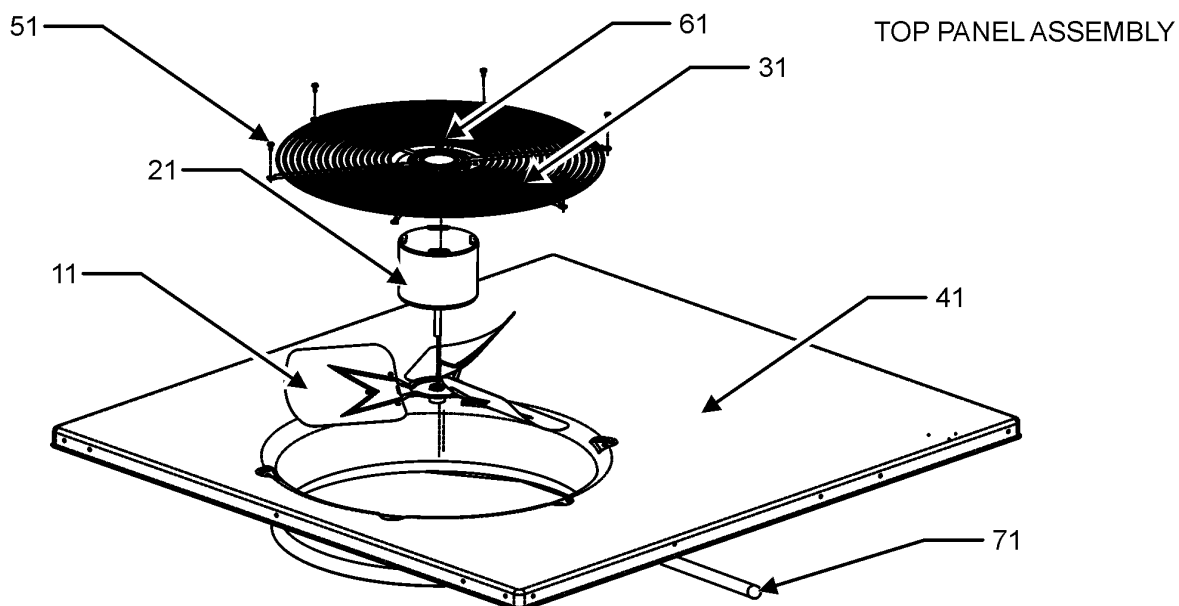
Functional Parts

Part

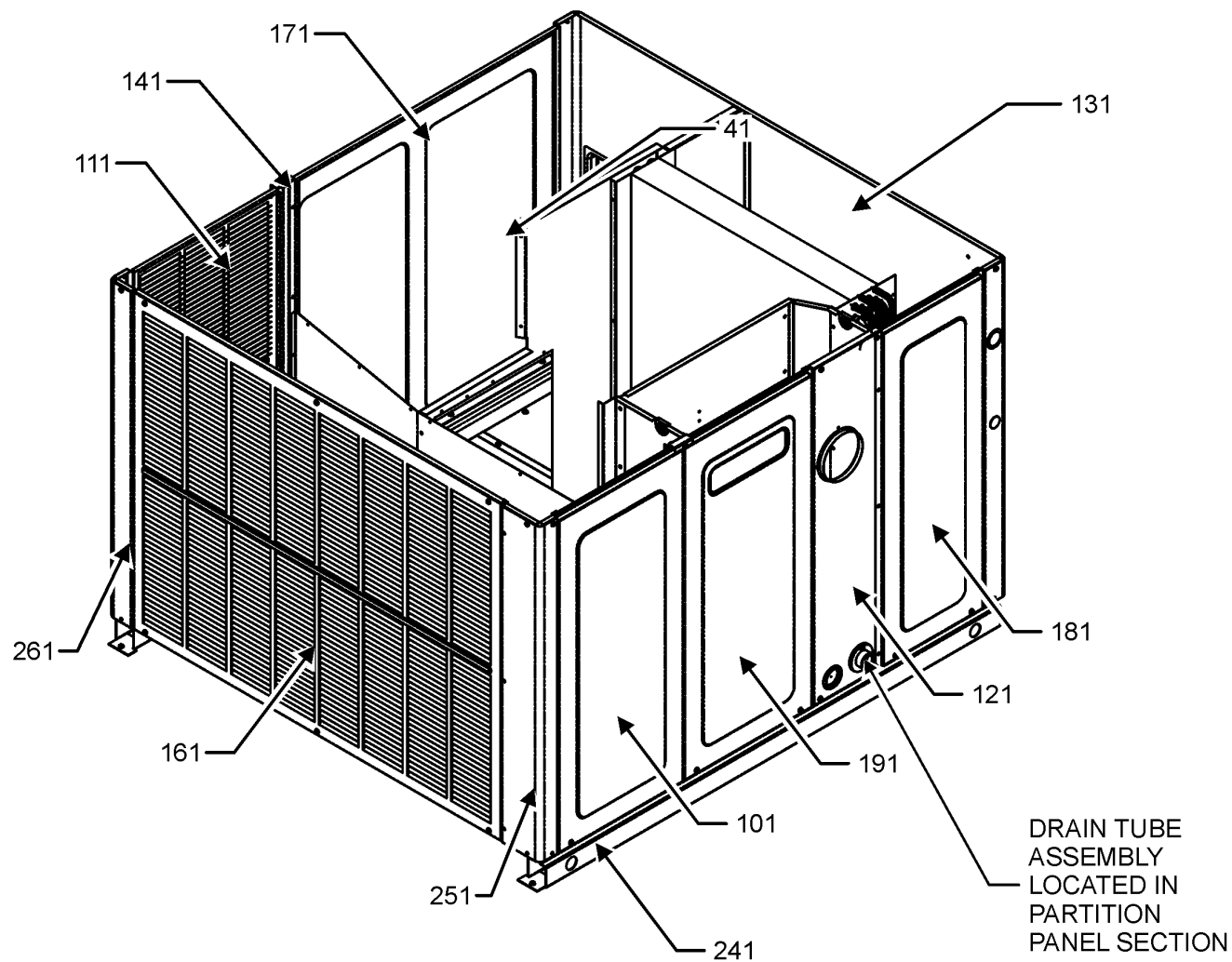
No: Description:

0151G00008	ADJUSTABLE VALVE TXV R32 (M8, M9)	0131G00143	PROGRAMMED CONTROLLER (M3)
0150G00003	BLADE, FAN 26 SWEPT WING (M3, M4, M5, M6, M7, M8, M9)	0131G00146	PROGRAMMED CONTROLLER (M5)
B1368000	BLOWER WHEEL (11 X 10) (M5, M6, M7, M8, M9)	0131G00152	PROGRAMMED CONTROLLER (M8, M9)
0121G00893	BRACKET IGN MODULE MOUNTING	SER2A08012	SENSATA R32 SENSOR
0163G00016	BURNER, ULN (M4, M5, M6, M7, M8, M9)	0130G00033	SWITCH HIGH LIMIT ULN (M1)
0163G00015	BURNER, ULN (M2, M3)	0130G00024	SWITCH, HIGH LIMIT, ULN (M4, M5, M6, M7, M8, M9)
0163G00014	BURNER, ULN (M1)	0130G00022	SWITCH, HIGH LIMIT, ULN (M1)
CAP100000440LA	CAP 10 MFD/440V/OVAL (M7, M9)	0130G00021	SWITCH, HIGH LIMIT, ULN (M2, M3)
CAP100400440CT	CAP, 10/40 MFD, 440V/ DUAL RD (M8)	0130G00033	SWITCH, HIGH LIMIT, ULN (M1)
CAP100450440CS	CAP, 10/45 MFD/ 440V DUAL RD (M6)	B1370772	TIME DELAY ICM 180 SEC DELA
CAP050000370LA	CAP, 5 MFD/370V/OVAL (M4)	0130M00685	TRANSDUCER PRESSURE SWITCH
CAB050300440CS	CAP, 5/30 MFD/440V RD - BPRF (M1)	0130M00138	TRANSFORMER 208/230 24V
CAB050400440CT	CAP, 5/40 MFD/440V RD - BPRF (M2, M3)	B1368016	WHEEL, BLOWER, 10X8 (M1, M2)
CAB050450440CT	CAP, 5/45 MFD/440V RD - BPRF (M5)	D6723303	WHEEL-BLOWER (M3, M4)
YP29K1TTF5ASE	COMPRESSOR (M4)	Expanded Model Nomenclature	
YP25K1TPFVASE	COMPRESSOR (M2)	M1 - DP3UM2404031AA	
YP20K1TPFVASE	COMPRESSOR (M1)	M2 - DP3UM3006031AA	
YP34K1TPFVASC	COMPRESSOR (M5)	M3 - DP3UM3606031AA	
YP40K1TPFVASC	COMPRESSOR (M6)	M4 - DP3UM3608033AA	
YP40K1TTF5ASC	COMPRESSOR (M7)	M5 - DP3UM4208031AA	
YPS51K1TPFVASC	COMPRESSOR (M8)	M6 - DP3UM4808031AA	
YPS51K1TTF5ASC	COMPRESSOR (M9)	M7 - DP3UM4808033AA	
YP29K1TPFVASE	COMPRESSOR (M3)	M8 - DP3UM6008031AA	
CONT1P030024D	CONT, 1 POLE, 30 AMP, 24VAC (M1, M2, M3, M5, M6)	M9 - DP3UM6008033AA	
CONT2P040024D	CONT, 2 POLE, 40 AMP, 24VAC (M8)		
CONT3P030024D	CONT, 3 POLE, 30 AMP, 24VAC (M4, M7)		
CONT3P040024D	CONT, 3 POLE, 40 AMP, 24VAC (M9)		
0131M00749M	CONTROLLERLESS MOTOR (M8, M9)		
0131M00750M	CONTROLLERLESS MOTOR (M1, M2, M3, M4)		
0131M00747M	CONTROLLERLESS MOTOR (M5, M6, M7)		
0150G00002	FAN BLADE SWP/W (M2)		
0150M00008	FAN BLADE, 22" TNT2203-25 (M1)		
0130F00762	FLAME SENSOR		
0151M00108	GAS VALVE		
0130M20009	HIGH PRESSURE SWITCH		
0130G00013	ID PLUG (M2, M3)		
0130G00014	ID PLUG (M4, M5, M6, M7, M8, M9)		
0130G00012	ID PLUG (M1)		
0130M00684	IGNITION MODULE		
0130M00817	IGNITOR SPARK ELECTRODE		
PCBBL216	INTERGRATED FURNACE CONTROLLER		
10728342	LIMIT SWITCH (M2, M3, M4, M5, M6, M7, M8, M9)		
0130M00087	LOW PRESSURE SWITCH (M8, M9)		
0131M00966	MOTOR VENT ID		
0131M00430	MOTOR, 1/3 HP, 1 SP, 6 PL (M6, M7)		
0131M00847	MOTOR, 1/4 HP, 1 SP, 6 PL (M2, M3, M4, M5)		
0131M00979	MOTOR, 1/6 HP, 1SP, 8PL,AL (M1)		
PCBCM301V0001	PCB CONTROL AIR HANDLER		
0131G00148	PROGRAMMED CONTROLLER (M6, M7)		
0131G00139	PROGRAMMED CONTROLLER (M1)		
0131G00141	PROGRAMMED CONTROLLER (M2)		

Top Panel and Cabinet Assembly



CABINET ASSEMBLY



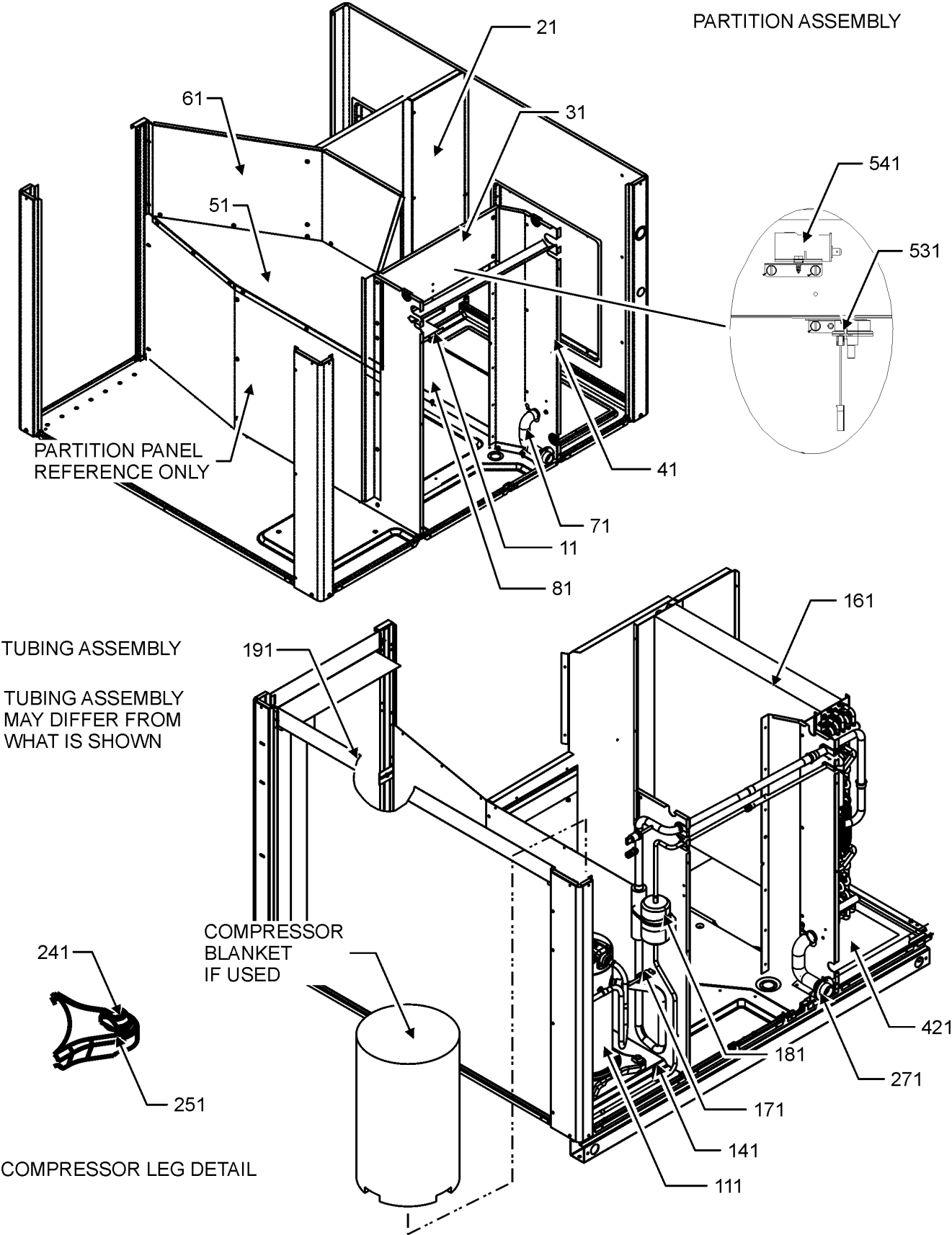
Top Panel and Cabinet Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0150G00003		BLADE, FAN 26 SWEPT WING (M3, M4, M5, M6, M7, M8, M9)
11	0150G00002		FAN BLADE SWP/W (M2)
11	0150M00008		FAN BLADE, 22" TNT2203-25 (M1)
21	0131M00430		MOTOR, 1/3 HP, 1 SP, 6 PL (M6, M7)
21	0131M00847		MOTOR, 1/4 HP, 1 SP, 6 PL (M2, M3, M4, M5)
21	0131M00979		MOTOR, 1/6 HP, 1SP, 8PL,AL (M1)
31	0152G00000		FAN GRILLE, RAISED (M2)
31	0152G00003		GRILLE-FAN (M1, M3, M4, M5, M6, M7, M8, M9)
41	0121G00887NG		PNL, TOP, PNT
51	M0221817		SMALL SCREW (QTY 7)
61	0163M00006P		ACORN NUT 5/16 HEX BLACK (QTY 4)
71	0161R00123		CONDUIT
101	20464809NG		DOOR COMPRESSOR 40, PNT (M5, M6, M7, M8, M9)
101	20464804NG		DOOR-COMPRESSOR 32, PNT (M1, M2, M3, M4)
111	20467701NG		PANEL-COND SIDE 32, PNT (M1, M2, M3, M4)
111	20467702NG		PANEL-COND SIDE 40, PNT (M5, M6, M7, M8, M9)
121	20466101NG		UTILITY PANEL 32, PNT (M1, M2, M3, M4)
121	20466102NG		UTILITY PANEL 40, PNT (M5, M6, M7, M8, M9)
131	0121G00802NG		PANEL, DUCT, 32.5" (M1, M2, M3, M4)
131	0121G00917NG		PANEL, DUCT, 40" PNT-NG (M5, M6, M7, M8, M9)
141	0121G00460		POST-SUPPORT, SIDE (M1, M2, M3, M4)
141	0121G00615		POST-SUPPORT, SIDE 40 (M5, M6, M7, M8, M9)
161	0121G00728NG		PANEL-COND LOUVERED 32 (M1, M2, M3, M4)
161	0121G00729NG		PANEL-COND LOUVERED 40 (M5, M6, M7, M8, M9)
171	20464801NG		DOOR -BLOWER 32, PNT (M1, M2, M3, M4)
171	20464806NG		DOOR-BLOWER 40, PNT (M5, M6, M7, M8, M9)
181	20464802NG		DOOR-EVAP/CONTROL 32, PNT (M1, M2, M3, M4)
181	20464807NG		DOOR-EVAP/CONTROL 40, PNT (M5, M6, M7, M8, M9)
191	0121G00526NG		DOOR-HT EXCHANGE 32 (M1, M2, M3, M4)
191	0121G00527NG		DOOR-HT EXCHANGE 38 (M5, M6, M7, M8, M9)
241	0121G00937		BASEPAN
251	0121G00453NG		CORNER-POST COMP END, PNT (M3, M4)
251	0121G00455NG		CORNER-POST COMP END, PNT (M6, M7, M8, M9)
251	20464201NG		POST-CRNR COMP END 32, PNT (M1, M2)
251	20464202NG		POST-CRNR COMP END 40, PNT (M5)
261	0121G00454NG		CORNER-POST HPIN END, PNT (M1, M2, M3, M4)
261	0121G00456NG		CORNER-POST HPIN END, PNT (M5, M6, M7, M8, M9)
NS	0270G00500		FLUE HOOD ASSY

Expanded Model Nomenclature

M1 - DP3UM2404031AA
 M2 - DP3UM3006031AA
 M3 - DP3UM3606031AA
 M4 - DP3UM3608033AA
 M5 - DP3UM4208031AA
 M6 - DP3UM4808031AA
 M7 - DP3UM4808033AA
 M8 - DP3UM6008031AA
 M9 - DP3UM6008033AA

Partition and Tubing Assembly



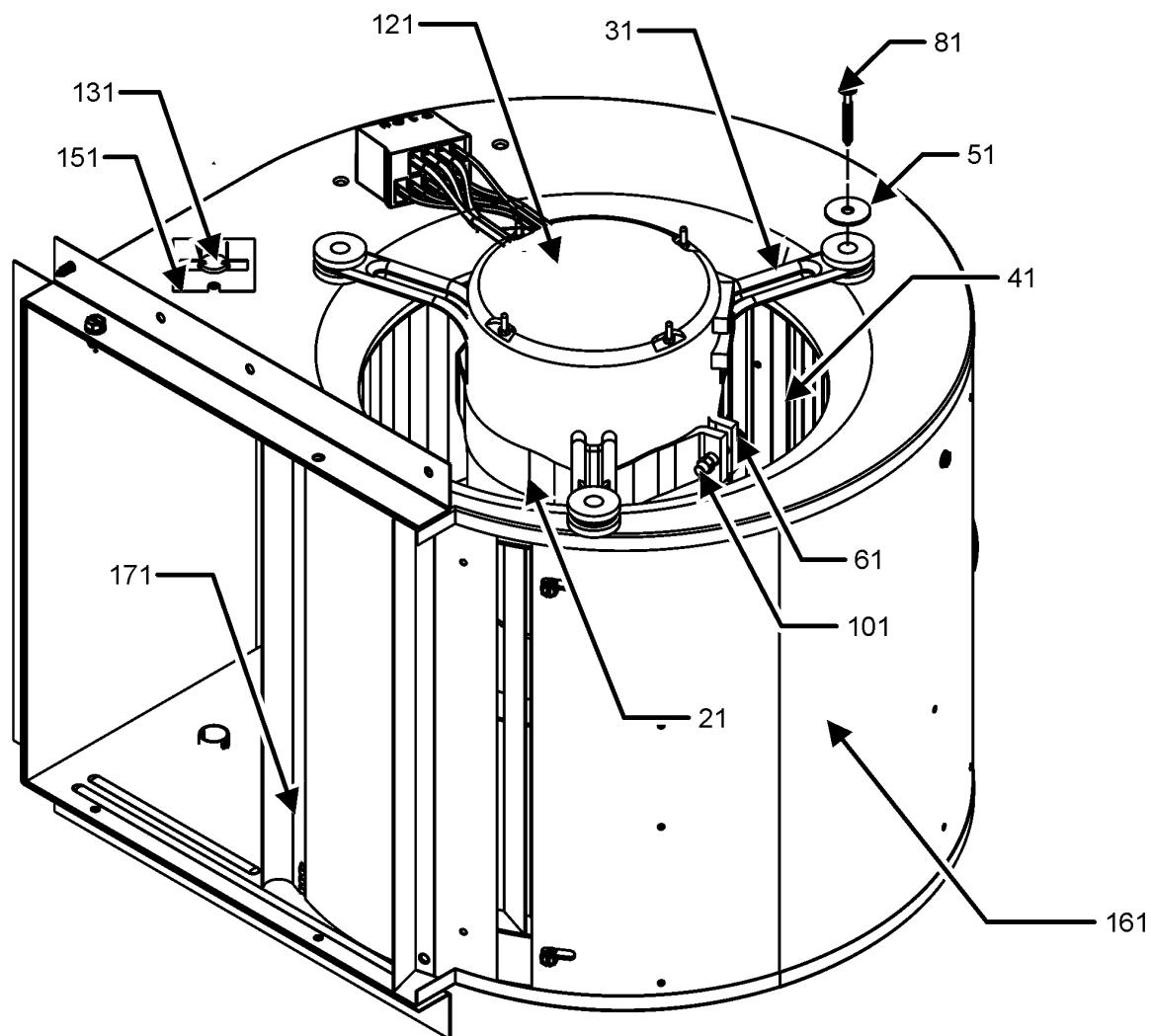
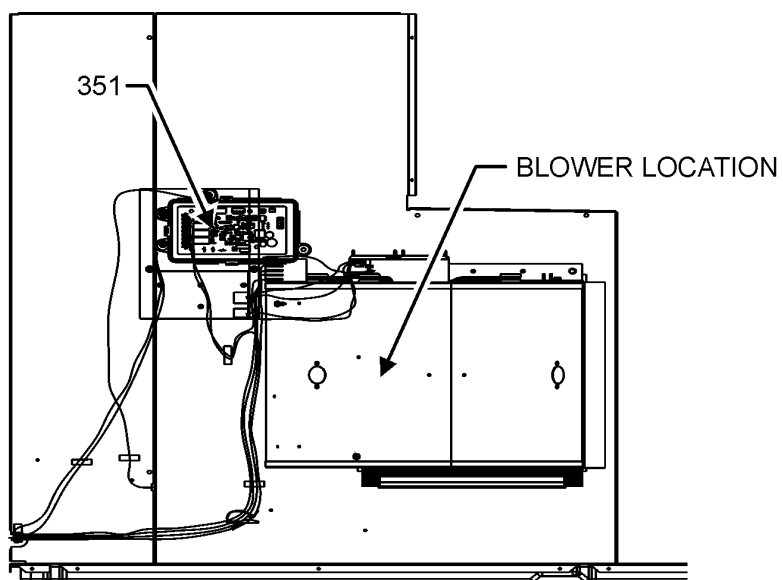
Partition and Tubing Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:		Image 1:	
11	20472501	SHIELD-HT TUBES	NS 0159G00005 HARNESS-COMP SCROLL (M8)
21	0121G20003	DIVIDER, BLOWER (M5, M6, M7, M8, M9)	NS 0159G00007 HARNESS-COMP SCROLL (M4, M7, M9)
21	0121G20009	DIVIDER, BLOWER (M3, M4)	NS 0159G00014 HARNESS-COMP SCROLL (M1, M2, M3)
21	0121G20010	DIVIDER, BLOWER (M1, M2)	NS 0159G00015 HARNESS-COMP SCROLL (M5, M6)
31	0121G00894	PANEL FILLER HT EXCH 32 (M1, M2, M3, M4)	NS B1810011 HOSE CLAMP 1.25 (QTY 2)
31	0121G00895	PANEL FILLER HT EXCH 40 (M5, M6, M7, M8, M9)	NS 0130M00087 LOW PRESSURE SWITCH (M8, M9)
41	0121G00757	DIVIDER, EVAP/HT EXCH 32 (M1, M2, M3, M4)	NS 0163M00629 RED CAP WITH O-RING (QTY 2)
41	0121G00758	DIVIDER, EVAP/HT EXCH 38 (M5, M6, M7, M8, M9)	Expanded Model Nomenclature M1 - DP3UM2404031AA M2 - DP3UM3006031AA M3 - DP3UM3606031AA M4 - DP3UM3608033AA M5 - DP3UM4208031AA M6 - DP3UM4808031AA M7 - DP3UM4808033AA M8 - DP3UM6008031AA M9 - DP3UM6008033AA
51	20465701	FAN PARTITION SHELF	
61	20465801	SURROUND-FAN 32 (M1, M2, M3, M4)	
61	20465802	SURROUND-FAN 40 (M5, M6, M7, M8, M9)	
71	20498302	TUBE-DRAIN 32 (M1, M2, M3, M4)	
71	20498301	TUBE-DRAIN 40 (M5, M6, M7, M8, M9)	
81	20463802	BLOCK-EVAP/BPAN 32 (M1, M2, M3, M4)	
81	20463801	BLOCK-EVAP/BPAN 40 (M5, M6, M7, M8, M9)	
111	YP20K1TPFVASE	COMPRESSOR (M1)	
111	YP25K1TPFVASE	COMPRESSOR (M2)	
111	YP29K1TPFVASE	COMPRESSOR (M3)	
111	YP29K1TTF5ASE	COMPRESSOR (M4)	
111	YP34K1TPFVASC	COMPRESSOR (M5)	
111	YP40K1TPFVASC	COMPRESSOR (M6)	
111	YP40K1TTF5ASC	COMPRESSOR (M7)	
111	YPS51K1TPFVASC	COMPRESSOR (M8)	
111	YPS51K1TTF5ASC	COMPRESSOR (M9)	
141	B1373315	ACCESS FITTING (QTY 2)	
161	0202G20018	COIL TUBING ASSEMBLY (M8, M9)	
161	0202G20007	COIL TUBING ASSY (M1)	
161	0202G20009	COIL TUBING ASSY (M3, M4)	
161	0202G20015	COIL TUBING ASSY (M2)	
161	0202G20016	COIL TUBING ASSY (M5)	
161	0202G20017	COIL TUBING ASSY (M6, M7)	
171	0130M20009	HIGH PRESSURE SWITCH	
181	0162G00007	SINGLE-FLOW FILTER DRIER,STL (M3, M4, M5, M6, M7, M8, M9)	
181	0162G00008	SINGLE-FLOW FILTER DRIER,STL (M1, M2)	
191	0201G00369	ASSY., CONDENSER COIL (M6, M7, M8, M9)	
191	0201G00463	COND COIL ASSY (M5)	
191	0201G00142	COND COIL TUBING ASSY (M1, M2)	
191	0201G00262	CONDENSER COIL ASSY (M3, M4)	
241	M0221641	SCREW-SHOULDER TF (QTY 4)	
251	B1339533	COMPRESSOR GROMMET (QTY 4)	
271	20513001	EVAP DRAIN FITTING	
421	20464901DF	DRAIN PAN-EVAP COIL	
531	0130M00685	TRANSDUCER PRESSURE SWITCH	
541	0130M00684	IGNITION MODULE	
NS	0151M00101	ACCESS VALVE FITTING (M8, M9)	
NS	0151G00008	ADJUSTABLE VALVE TXV R32 (M8, M9)	
NS	0121G00893	BRACKET IGN MODULE MOUNTING	
NS	0159G00031	CABLE, COMPR SOL (M8, M9)	
NS	0160M00039	COMPRESSOR BLANKET (M1, M2, M3, M5, M6, M8)	
NS	0164A00019	GROMMET	
NS	0164M00111	GROMMET D (QTY 4)	
NS	0164M00110	GROMMET-HORSESHOE	
NS	20333401	GROMMET-HORSESHOE	
NS	20333501	GROMMET-HORSESHOE	
NS	20477501	GROMMET-HORSESHOE	

Blower Assembly

BLOWER ASSEMBLY

BLOWER ASSEMBLY MAY
DIFFER FROM WHAT IS SHOWN



Blower Assembly

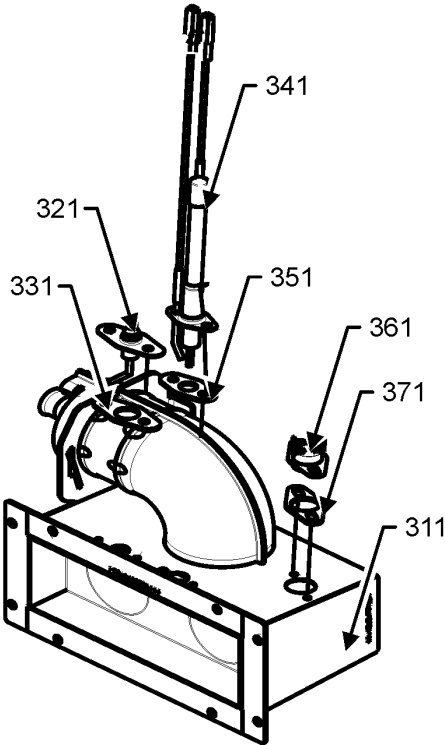
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
21	0121M00038		MOTOR MOUNT BAND
31	B1376857		MOTOR MOUNT ARM (QTY 3)
41	B1368000		BLOWER WHEEL (11 X 10) (M5, M6, M7, M8, M9)
41	B1368016		WHEEL, BLOWER, 10X8 (M1, M2)
41	D6723303		WHEEL-BLOWER (M3, M4)
51	B1392918		WASHER FLAT 1/4 ID X 1 OD (QTY 3)
61	B1393323		SCREW,MACHI HWH 1/4-20X1 1/2 BZ
81	M0250565		TC SCREW 1.25" (QTY 3)
101	B1393800		LOCKNUT, NYLON, INSERT 1/4, 20
121	0131M00747M		CONTROLLERLESS MOTOR (M5, M6, M7)
121	0131M00749M		CONTROLLERLESS MOTOR (M8, M9)
121	0131M00750M		CONTROLLERLESS MOTOR (M1, M2, M3, M4)
121	0131G00139		PROGRAMMED CONTROLLER (M1)
121	0131G00141		PROGRAMMED CONTROLLER (M2)
121	0131G00143		PROGRAMMED CONTROLLER (M3)
121	0131G00146		PROGRAMMED CONTROLLER (M5)
121	0131G00148		PROGRAMMED CONTROLLER (M6, M7)
121	0131G00152		PROGRAMMED CONTROLLER (M8, M9)
131	20269903		LIMIT
151	2509503		BRACKET F/ROLLOUT SWUT SWITCH
161	0271G00025		BLOWER HOUSING ASSY (10X8) (M1, M2)
161	0271G00024		BLOWER HOUSING ASSY (10X9) (M3, M4)
161	2539309		BLOWER HOUSING ASSY (11X10) (M5, M6, M7, M8, M9)
171	764742		BLOCK OFF - BLOWER (M3, M4)
171	1864703		BLOWER CUT-OFF ASM,5TON,MORRIS (M5, M6, M7, M8, M9)
351	PCBCM301V0001		PCB CONTROL AIR HANDLER
NS	0121G00946		COVER, DOWN DISCHARGE, SINGLE (QTY 2)
NS	0130G00012		ID PLUG (M1)
NS	0130G00013		ID PLUG (M2, M3)
NS	0130G00014		ID PLUG (M4, M5, M6, M7, M8, M9)
NS	0261G20000		PCB CASE

Expanded Model Nomenclature

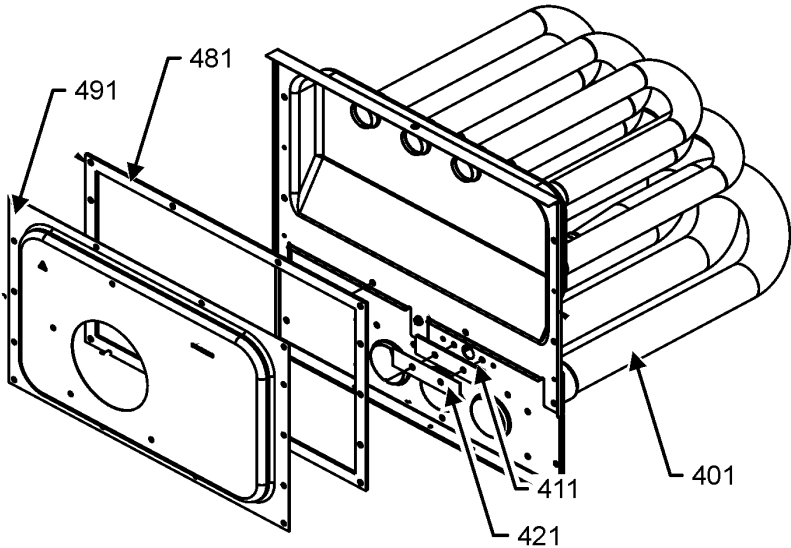
M1 - DP3UM2404031AA
M2 - DP3UM3006031AA
M3 - DP3UM3606031AA
M4 - DP3UM3608033AA
M5 - DP3UM4208031AA
M6 - DP3UM4808031AA
M7 - DP3UM4808033AA
M8 - DP3UM6008031AA
M9 - DP3UM6008033AA

Heat Exchange and Burner Assembly

HEAT EXCHANGE ASSEMBLY

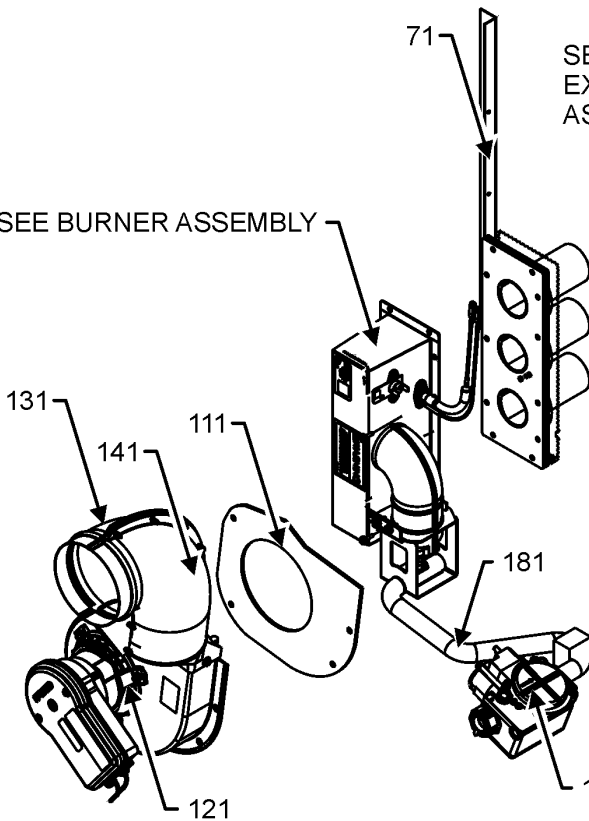


BURNER ASSEMBLY

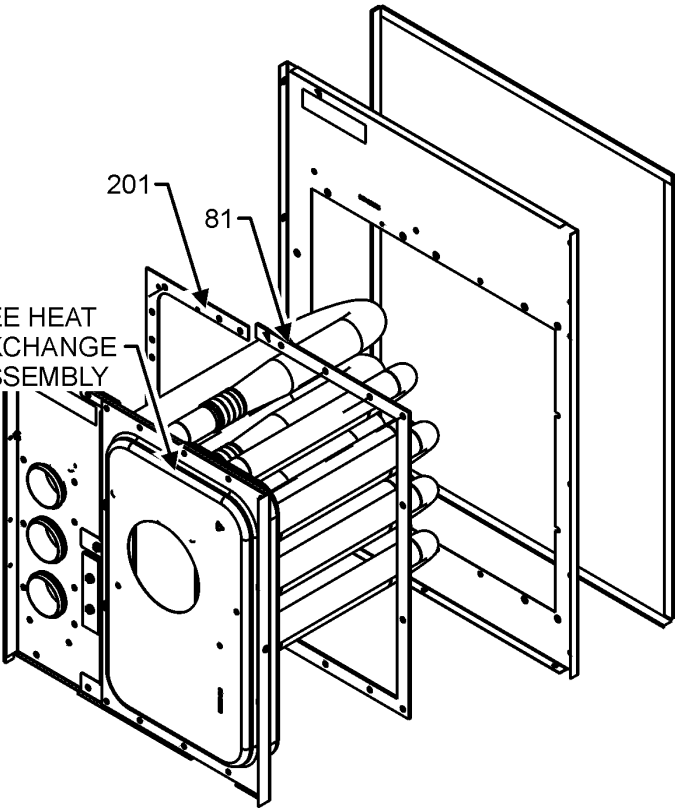


HEAT EXCHANGE ASSEMBLY

SEE BURNER ASSEMBLY



SEE HEAT EXCHANGE ASSEMBLY



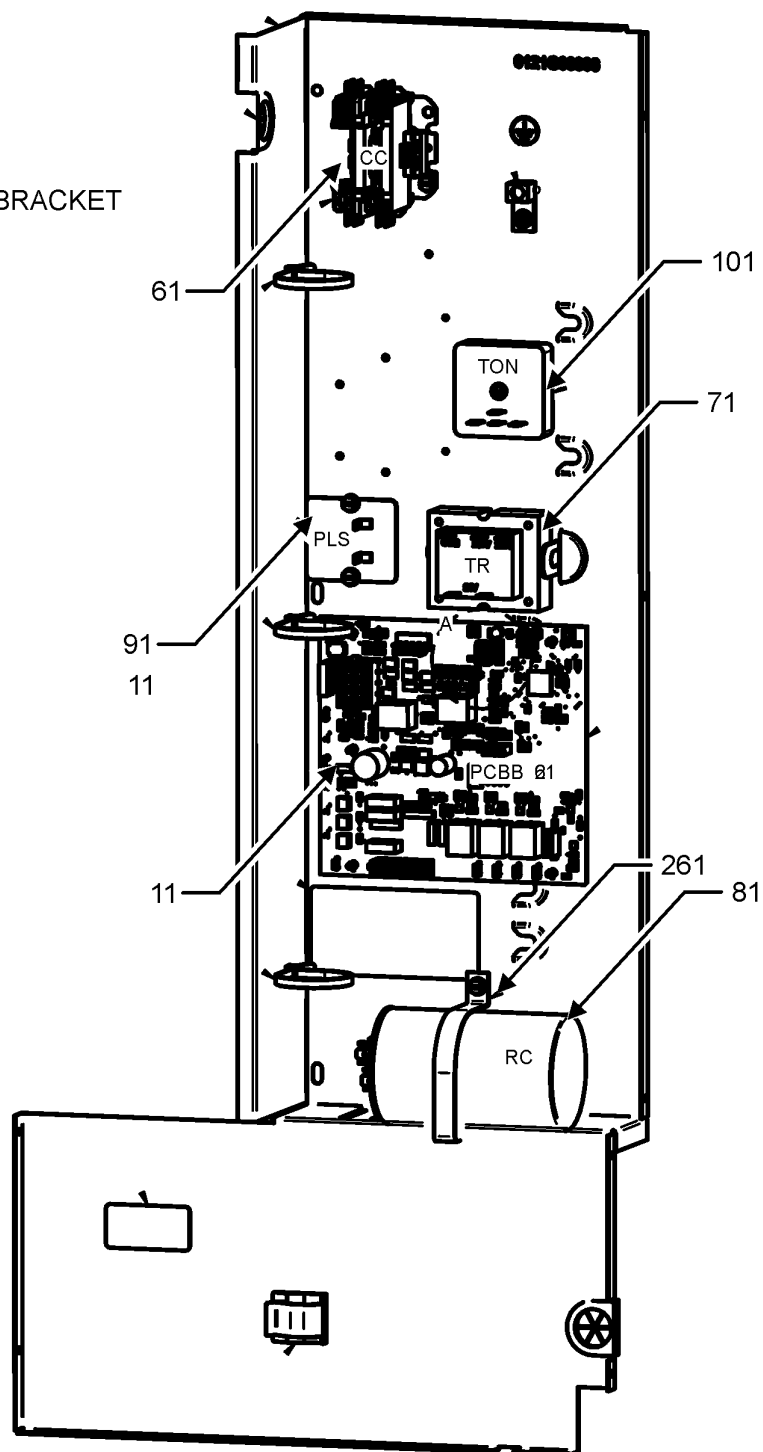
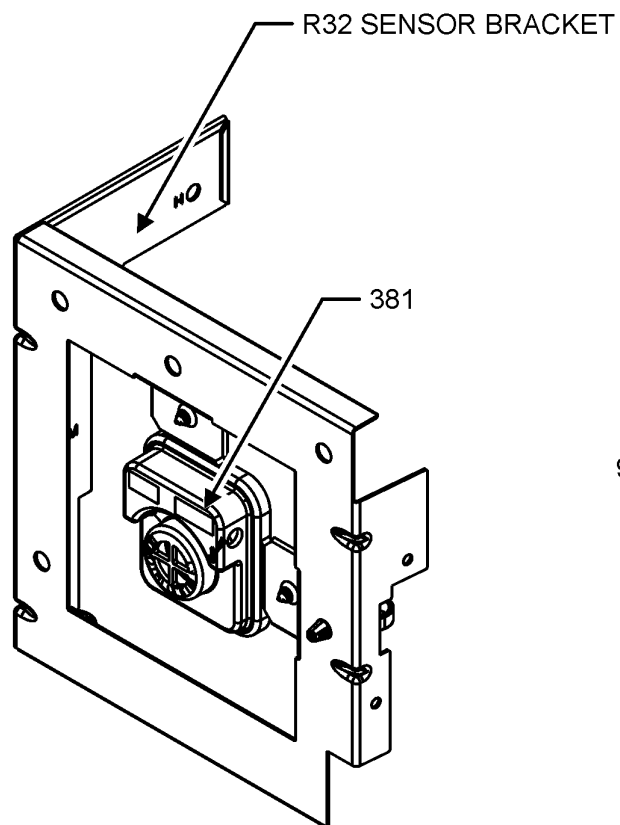
HEAT EXCHANGE AND BURNER ASSEMBLY
MAY DIFFER FROM WHAT IS SHOWN

Heat Exchange and Burner Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:		Expanded Model Nomenclature	
71	0121G00815	M1 - DP3UM2404031AA M2 - DP3UM3006031AA M3 - DP3UM3606031AA M4 - DP3UM3608033AA M5 - DP3UM4208031AA M6 - DP3UM4808031AA M7 - DP3UM4808033AA M8 - DP3UM6008031AA M9 - DP3UM6008033AA	
71	0121G00839		
81	0154G00027		
111	0154G00033		
121	0131M00966		
131	0121G00847		
141	0121G00848		
181	0263G00003		
181	0263G00006		
181	0263G00009		
191	0151M00108		
201	0154G00040		
201	0154G00041		
311	0163G00014		
311	0163G00015		
311	0163G00016		
321	0130F00762		
331	0154F00068		
341	0130M00817		
351	0154M00079		
361	0130G00021		
361	0130G00022		
361	0130G00024		
361	0130G00033		
371	0154F00069		
401	0257G00119		
401	0257G00121		
401	0257G00122		
411	0154G00030		
421	0121G00844		
481	0154G00034		
481	0154G00036		
491	0121G00849		
491	0121G00850		
NS	0154G00031		
NS	0154G00032		
NS	0270G00500		
NS	0154G00038		

Control Panel

CONTROL BOX ASSEMBLY



CONTROL BOX ASSEMBLY
MAY DIFFER FROM WHAT
IS SHOWN

Control Panel

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	PCBBL216		INTERGRATED FURNACE CONTROLLER
61	CONT1P030024D		CONT, 1 POLE, 30 AMP, 24VAC (M1, M2, M3, M5, M6)
61	CONT2P040024D		CONT, 2 POLE, 40 AMP, 24VAC (M8)
61	CONT3P030024D		CONT, 3 POLE, 30 AMP, 24VAC (M4, M7)
61	CONT3P040024D		CONT, 3 POLE, 40 AMP, 24VAC (M9)
71	0130M00138		TRANSFORMER 208/230 24V
81	CAP100000440LA		CAP 10 MFD/440V/OVAL (M7, M9)
81	CAP100400440CT		CAP, 10/40 MFD, 440V/ DUAL RD (M8)
81	CAP100450440CS		CAP, 10/45 MFD/ 440V DUAL RD (M6)
81	CAP050000370LA		CAP, 5 MFD/370V/OVAL (M4)
81	CAB050300440CS		CAP, 5/30 MFD/440V RD - BPRF (M1)
81	CAB050400440CT		CAP, 5/40 MFD/440V RD - BPRF (M2, M3)
81	CAB050450440CT		CAP, 5/45 MFD/440V RD - BPRF (M5)
91	10728342		LIMIT SWITCH (M2, M3, M4, M5, M6, M7, M8, M9)
91	0130G00033		SWITCH HIGH LIMIT ULN (M1)
101	B1370772		TIME DELAY ICM 180 SEC DELA
261	20520901		STRAP-CAPACITOR
381	SER2A08012		SENSATA R32 SENSOR
NS	0259G00294		BLOWER HARNESS, 1STG, SHORT (M1, M2, M3, M4)
NS	0259G00280		BLOWER HARNESS, 2STG, TALL (M8, M9)
NS	0121G20000		BRACKET R32 SENSOR
NS	0259G00083		HARNESS-CONTROL (M5, M6, M7)
NS	0259G00329		WIRE HARNESS ASSEMBLY
NS	0259G00330		WIRE HARNESS ASSEMBLY

Expanded Model Nomenclature

M1 - DP3UM2404031AA
M2 - DP3UM3006031AA
M3 - DP3UM3606031AA
M4 - DP3UM3608033AA
M5 - DP3UM4208031AA
M6 - DP3UM4808031AA
M7 - DP3UM4808033AA
M8 - DP3UM6008031AA
M9 - DP3UM6008033AA