

DM96VC 96% ECM Up Flow Furnace

DM96VC0603BNAB

DM96VC1005DNAA



This manual is to be used by qualified technicians only.

This manual replaces RP-D2312.

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Important Information

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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 Manufacturing Company, 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 Manufacturing Company, L.P. also recommends contacting an authorized technician and using authorized factory parts.

Daikin Manufacturing Company, 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 North America, LLC
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 North America, LLC
19001 Kermier Road
Waller, Texas 77484
713-861-2500-Telephone
713-863-2382-Facsimile

Functional Parts

Part

No: Description:

0130F00038	AUX LIMIT - LT BLUE 120° (QTY 2)
0163F00017	BECKETT BURNER (QTY 3)
0271F00159	BLOWER SHELL & WHEEL ASSY (M1)
0271F00163	BLOWER SHELL & WHEEL ASSY (M2)
0130F00587	DATA, FURNACE PCB (M2)
0130F00714	DATAá FURNACE PCB (M1)
0130F00010	FLAME SENSOR
0151M00027	GAS VALVE
0257F00375	HEAT EXCHANGER ASSY (M1)
0257F00441	HEAT EXCHANGER ASSY. (M2)
0130F00008	IGNITOR-SINI 17 SEC
0130M00141	INDUCTOR, 5.9 AMPS (GMPE100-4) (M2)
0130M00243	INTERLOCK SWITCH
10123539	LIMIT-RESET MAN-ORANGE (M1)
10123527	MANUAL RESET LIMIT - ROS (M2)
0131M00272	MOTOR, 1 HP, SERIAL ECM (M2)
0131M00270	MOTOR, 1/2 HP, SERIAL ECM (M1)
0171M00002	MOTOR-ID, BLOWER
PCBKF105	PCB CONTROL BOARD
0130F00443	PRESSURE SWITCH (M2)
0130F00429	PRESSURE SWITCH
0130F00036	PRIMARY LIMIT - PINK 180° (M2)
20162906	PRIMARY LIMIT - WHITE (M1)
0130F00433	SWITCH, PRESSURE (M1)
0130M00140	TRANSFORMER 120V TO 24V, 40VA

SPECIAL PARTS

0161F00090 NAMEPLATE, DAIKIN

Expanded Model Nomenclature

M1 - DM96VC0603BNAB

M2 - DM96VC1005DNAA

Cabinet Assembly

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

111	0154F00024	GASKET (QTY 2)
121	0154F00025	GASKET (QTY 2)
141	0161F00046	DRAIN TRAP
191	0121F00337NG	DOOR, ACCESS 17.5" PNT (M1)
191	0121F00339NG	DOOR, ACCESS 24.5 PNT (M2)
201	0121F00340NG	DOOR, BLOWER 17.5" PNT (M1)
201	0121F00342NG	DOOR, BLOWER 24.5 PNT (M2)
281	B1392139	VIEW PORT BUSHING-BLOWER DOOR (QTY 2)
311	0154F00020	GASKET, DECK (M1)
311	0154F00022	GASKET, DECK (M2)
341	0164F00017	HOSE-ELBOW/TRAP
351	0164F00006	HOSE, COVER/TRAP
381	0161F00047	COUPLING, HOSE BARBED
451	M0501301	PIPE GROMMET
491	M0570808	BUTTON PLUG (QTY 3)
501	M0570806	BUTTON PLUG
511	M0570807	BUTTON PLUG
521	0161M00027	PLUG, HOLE
601	B1392021	PLASTIC PLUG, 1" (2713-BLK) (QTY 4)
741	B1392104	UNIVERSAL BUSHING UB 875
NS	M0310345	BUTTON PLUG (QTY 2)
NS	0163M00049	HOSE CLAMP (QTY 2)
NS	0161F00090	NAMEPLATE, DAIKIN
NS	M0273904	RETAINER SCREW (QTY 3)
NS	M0209730	SCREW-DECORATIVE (QTY 3)

Image 2:

12	0270F03140	DRAIN PART BAG ASSY UF
22	0270F03667	BAG ASSY UF

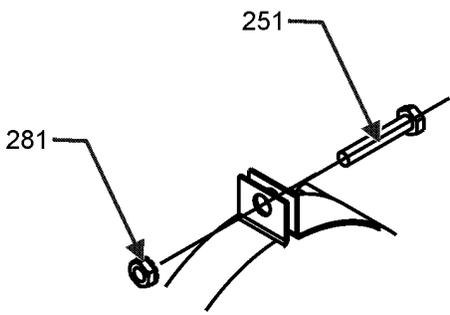
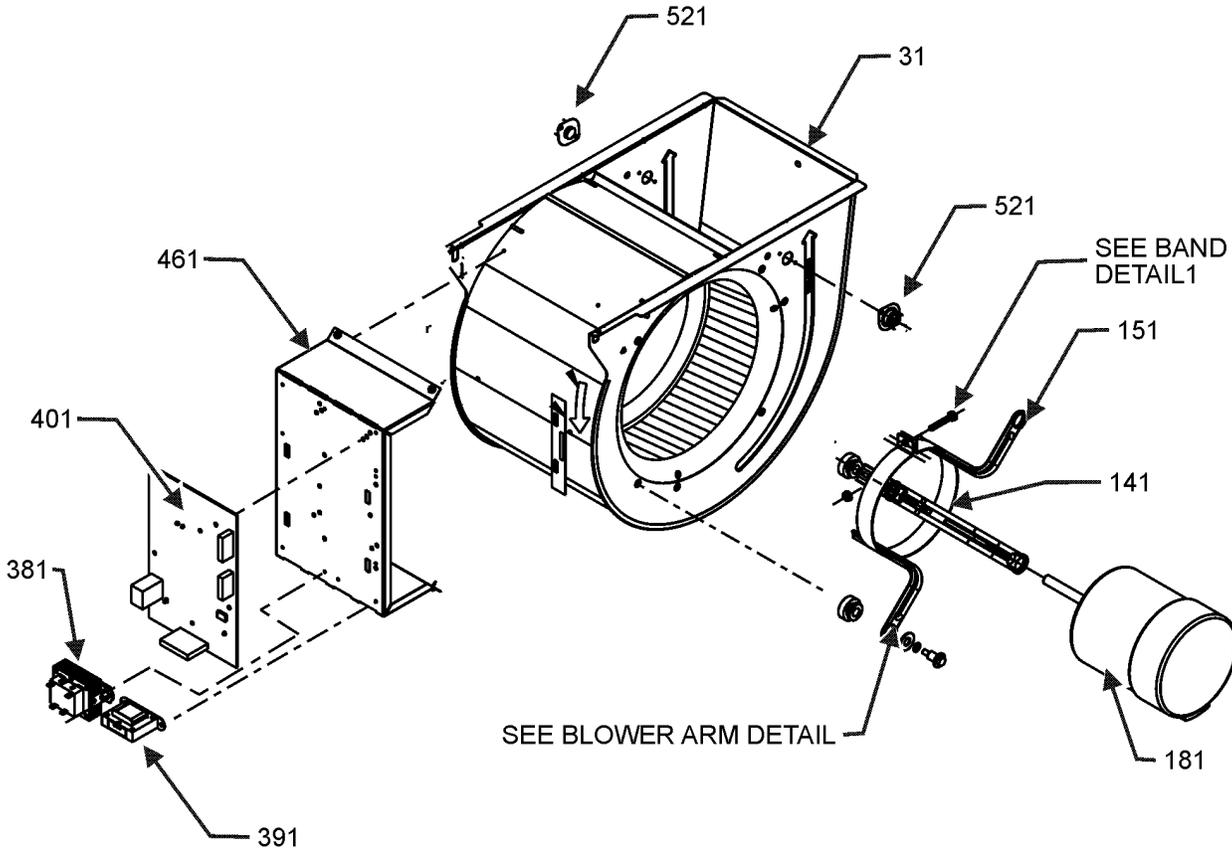
Expanded Model Nomenclature

M1 - DM96VC0603BNAB
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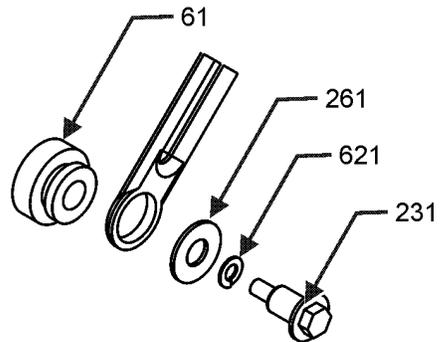
Blower Assembly

BLOWER ASSEMBLY

*If end bells are needed please order the following:
 0131M00182 - 1/2 HP
 0131M00183 - 3/4 HP
 0131M00184 - 1 HP



BAND DETAIL



BLOWER ARM DETAIL

BLOWER ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

Blower Assembly

Ref. Part No:	No:	Description:	Ref. Part No:	No:	Description:
Image 1:					
31	0271F00159	BLOWER SHELL & WHEEL ASSY (M1)			
31	0271F00163	BLOWER SHELL & WHEEL ASSY (M2)			
61	A4002702	BLOWER MOTOR GROMMET (M2)			
141	10441601	MOTOR MOUNT BAND (M2)			
141	0121M00038	MOUNT BAND, MOTOR (M1)			
151	10441501	MOTOR MOUNT ARM (M2)			
151	B1376857	MOTOR MOUNT ARM (M1)			
181	0131M00272	MOTOR, 1 HP, SERIAL ECM (M2)			
181	0131M00270	MOTOR, 1/2 HP, SERIAL ECM (M1)			
231	0163F00028	SCREW (M2)			
231	M0250565	SCREW-TC 1.25" (M1)			
251	M0267144	MACHINE SCREW (M2)			
251	B1393323	SCREW,MACH HWH 1/4-20X1 1/2 BZ (M1)			
261	B1392918	WASHER, FLAT 1/4 ID X 1 OD (M1)			
261	M0274008	WASHER-FLAT (M2)			
281	M0282015	KEPS NUT (M2)			
281	B1393800	LOCKNUT, NYLON, INSERT 1/4,20 (M1)			
381	0130M00140	TRANSFORMER 120V TO 24V, 40VA			
391	0130M00141	INDUCTOR, 5.9 AMPS (GMPE100-4) (M2)			
401	PCBKF105	PCB CONTROL BOARD			
461	0121F00464	MOUNTING PLATE-CONTROLS			
521	0130F00038	AUX LIMIT - LT BLUE 120° (QTY 2)			
621	B1392820	WASHER, SPLIT LOCK 1/4 BZ (M2)			
NS	0259F00040	CONTROL HARNESS			
NS	0130F00587	DATA, FURNACE PCB (M2)			
NS	0130F00714	DATA, FURNACE PCB (M1)			
NS	B1392021	PLASTIC PLUG, 1" (2713-BLK) (QTY 4)			
NS	0259F00041	POWER HARNESS HIGH VOLTAGE			
NS	0259F00024	WIRE HARNESS-BLOWER			

Expanded Model Nomenclature

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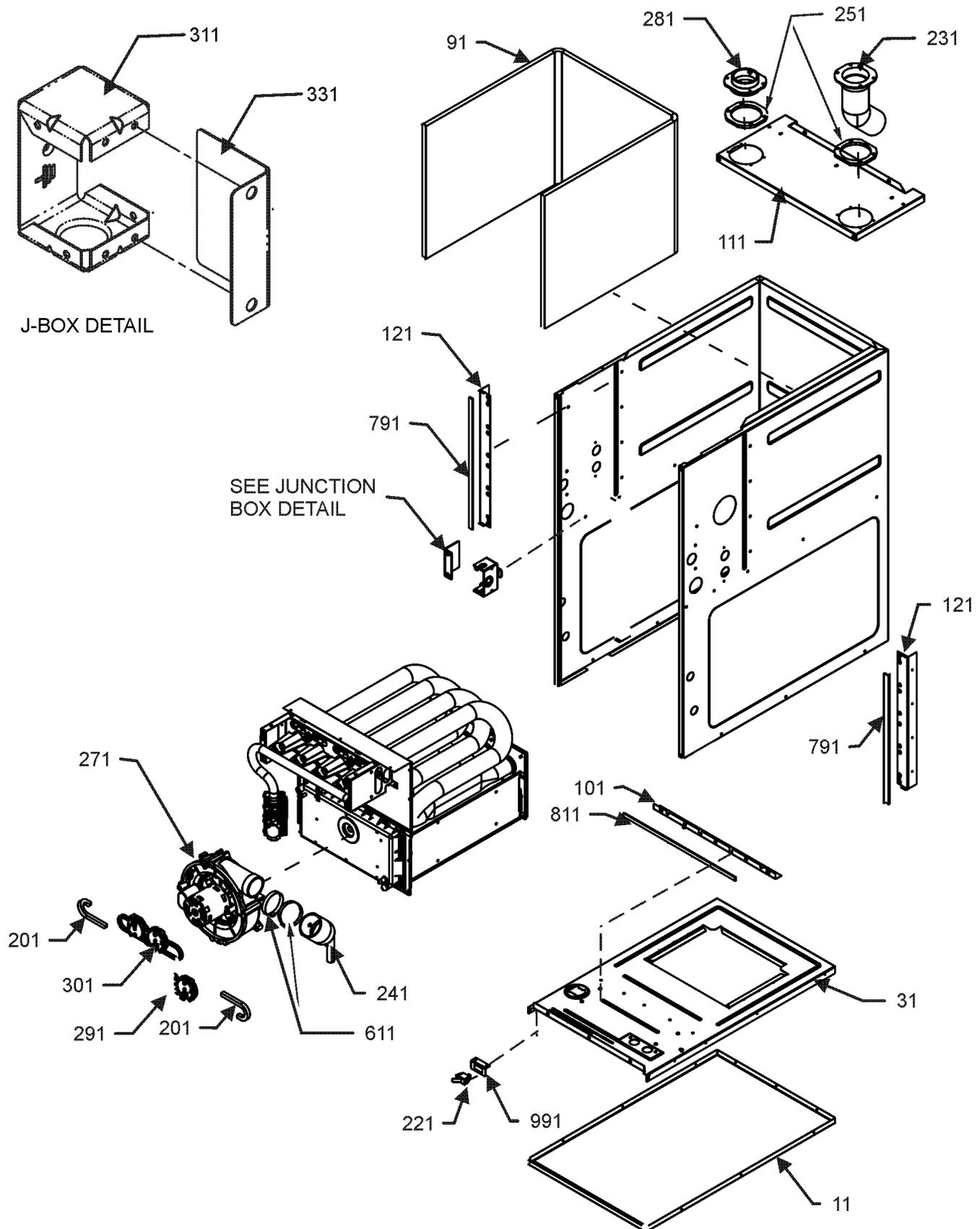
*If end bells are needed please order the following:

0131M00182 - 1/2 HP

0131M00183 - 3/4 HP

0131M00184 - 1 HP

Chassis Assembly



Chassis Assembly

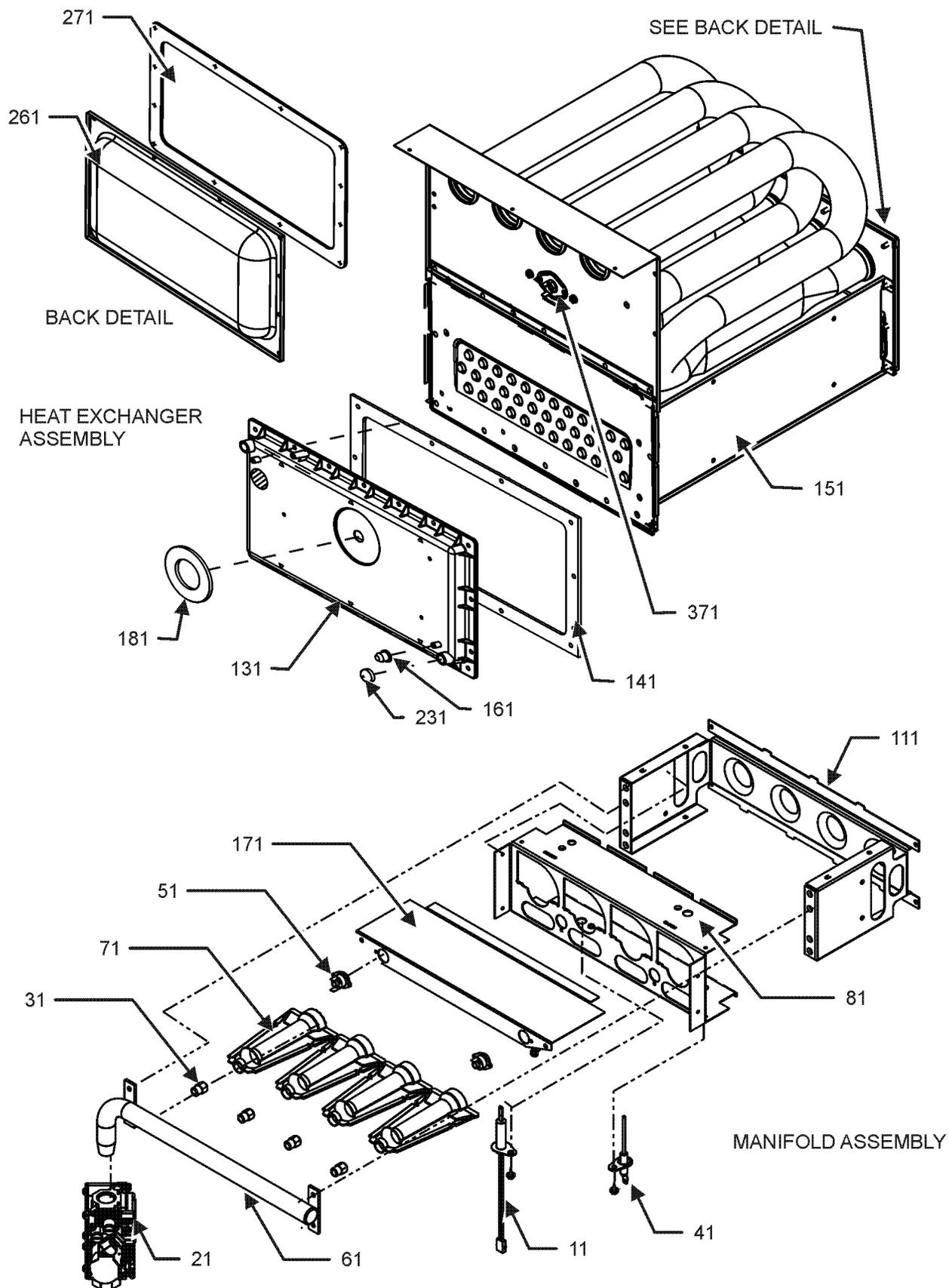
Ref. Part No:	Part No:	Description:	Ref. Part No:	Part No:	Description:
Image 1:					
11	0121F00530DG	BASEPAN, 17.5 (M1)			
11	0121F00532DG	BASEPAN, 24.5 PNT (M2)			
31	0121F00533	DECK-BLOWER 17.5" (M1)			
31	0121F00535	DECK-BLOWER 24.5" (M2)			
91	0160F00015	INSULATION, HT EXCHANGER 17.5" (M1)			
91	0160F00017	INSULATION, HT EXCHANGER 24.5" (M2)			
101	0121F00314	ANGLE, DECK (M1)			
101	0121F00316	ANGLE, DECK (M2)			
111	0121F00279DG	PAINTED TOP, FURNACE 17.5 (M1)			
111	0121F00281DG	PAINTED TOP, FURNACE 24.5 (M2)			
121	0121F00313	ANGLE, SIDE (QTY 2)			
201	0164M00019	HOSE-PRESSURE SW 6" (QTY 2)			
221	0130M00243	INTERLOCK SWITCH			
231	0164F00002	FLUE PIPE W/BEND			
241	0164F00001	ELBOW-FLUE, UPFLOW			
251	0154F00041	FRESH AIR GASKET (QTY 2)			
271	0171M00002	MOTOR-ID, BLOWER			
281	0161F00037	COUPLING			
291	0130F00429	PRESSURE SWITCH			
301	0130F00443	PRESSURE SWITCH (M2)			
301	0130F00433	SWITCH, PRESSURE (M1)			
311	0161F00042	JUNCTION BOX PLA			
331	0161F00043	JUNCTION BOX LID			
611	0163M00049	CLAMP HOSE (QTY 2)			
791	0154F00015	GASKET (QTY 2)			
811	0154F00014	GASKET (M1)			
811	20194607	GASKET (M2)			
991	0121F00389	BRACKET, DOOR SWITCH			
NS	0159F00069	HARNESS, WIRING (M1)			
NS	0159F00071	HARNESS, WIRING (M2)			
NS	M0326804	PLUG-TUBE			

Expanded Model Nomenclature

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Heat Exchange Assembly



Heat Exchange Assembly

Ref. Part No:	Part No:	Description:	Ref. Part No:	Part No:	Description:
<i>Image 1:</i>					
11	0130F00008	IGNITOR-SINI 17 SEC			
21	0151M00027	GAS VALVE			
31	10716005	ORIFICE (QTY 3)			
41	0130F00010	FLAME SENSOR			
51	10123539	LIMIT-RESET MAN-ORANGE (M1)			
51	10123527	MANUAL RESET LIMIT - ROS (M2)			
61	0163F00008	MANIFOLD (M1)			
61	0163F00010	MANIFOLD (M2)			
71	0163F00017	BECKETT BURNER (QTY 3)			
81	0121F00455	BRACKET-BURNER 3 (M1)			
81	0121F00453	BRACKET-BURNER 5 (M2)			
111	0121F00468	ORIFICE BRACKET-BURNER 3 (M1)			
111	0121F00466	ORIFICE BRACKET-BURNER 5 (M2)			
131	0161F00054	COVER, FRONT (M1)			
131	0161F00084	COVER, FRONT (M2)			
141	0154F00026	GASKET FRONT COVER (M1)			
141	0154F00034	GASKET FRONT COVER (M2)			
151	0257F00375	HEAT EXCHANGER ASSY (M1)			
151	0257F00441	HEAT EXCHANGER ASSY. (M2)			
161	M0326804	TUBE PLUG			
171	0121F00540	SHIELD, BURNER (M1)			
171	0121F00542	SHIELD, BURNER (M2)			
181	0154F00043	GASKET ID BLOWER			
231	A1781105	CAP-VINYL .500			
261	0121F00317	COVER, REAR (M1)			
261	0121F00319	COVER, REAR (M2)			
271	0154F00037	GASKET, REAR CVR (M1)			
271	0154F00039	GASKET, REAR CVR (M2)			
371	0130F00036	PRIMARY LIMIT - PINK 180° (M2)			
371	20162906	PRIMARY LIMIT - WHITE (M1)			
NS	0121F00583	INSULATION, RETAINER (M1)			
NS	0121F00585	INSULATION, RETAINER (M2)			
NS	0121F00439	PRIMARY LIMIT-HEAT SHIELD			
NS	0121F00355	SHIELD, COIL (QTY 2)			

Expanded Model Nomenclature

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