
DC80VC Two Stage Variable Speed Downflow Furnace

DC80VC0603BXAA
DC80VC0603BXAB
DC80VC0803BXAA
DC80VC0803BXAB
DC80VC0805CXAA
DC80VC0805CXAB
DC80VC1005CXAA
DC80VC1005CXAB



This manual is to be used by qualified technicians only.

This manual replaces RP-D2302.

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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

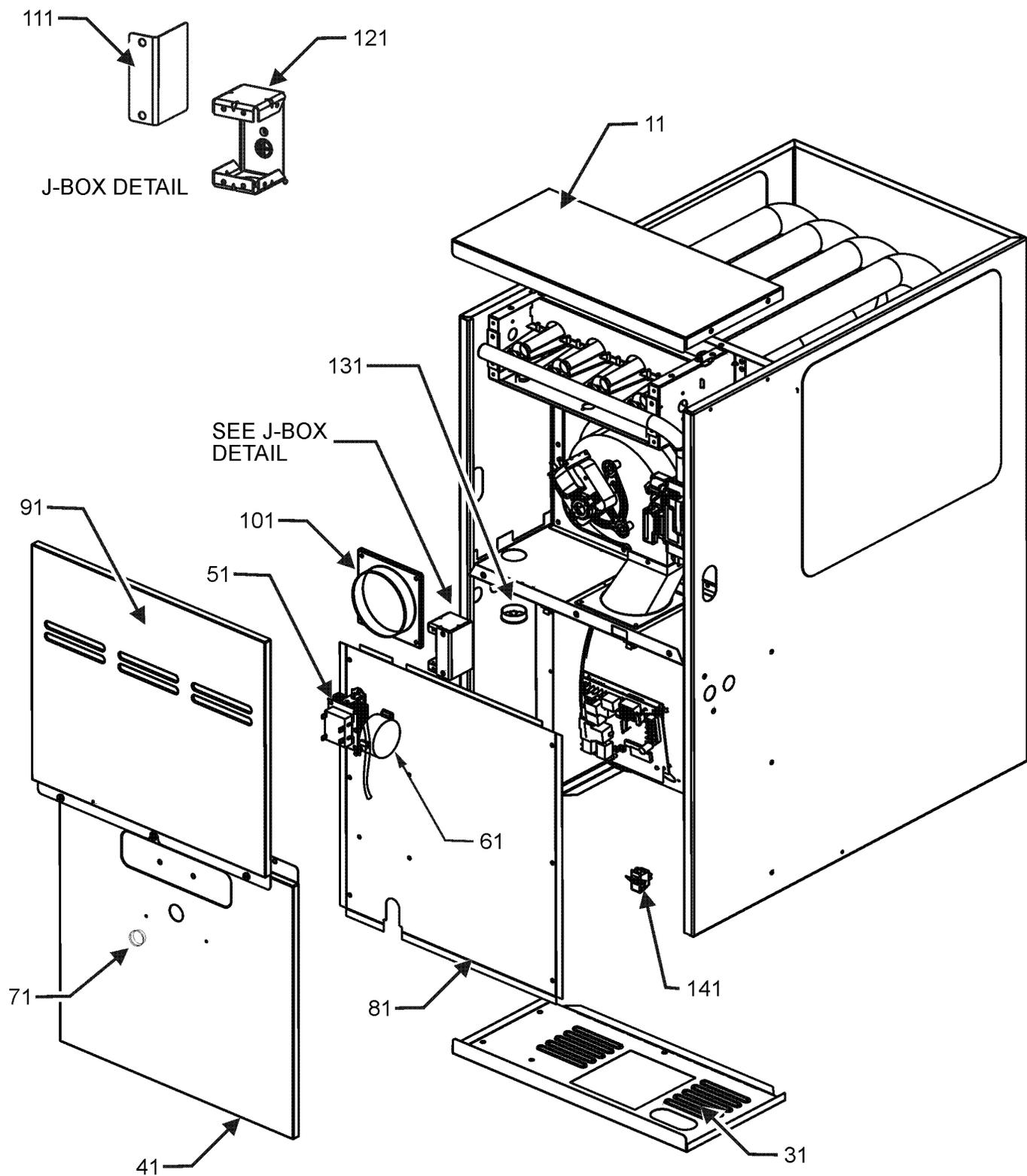
No: Description:

0130F00049	AIR PRESSURE SWITCH (M5, M6, M7, M8)
0130F00566	DATA, FURNACE PCB (M3, M4)
0130F00565	DATA, FURNACE PCB (M1, M2)
0130F00567	DATA, FURNACE PCB (M5, M6)
0130F00568	DATA, FURNACE PCB (M7, M8)
0130F00571	DUAL STAGE PRESSURE SWITCH (M3, M4)
0130F00010	FLAME SENSOR
0151M00027	GAS VALVE
0130M00141	INDUCTOR, 5.9 AMPS (GMPE100-4) (M5, M6, M7, M8)
10690402	INTERLOCK SWITCH
0130F00071	LIMIT SWITCH (M1, M2)
0130F00038	LIMIT, PRIMARY 120 LT BLUE
0130F00036	LIMIT, PRIMARY, 180, PINK (M3, M4)
0130F00067	LIMIT-RED (M5, M6, M7, M8)
10123529	MANUAL RESET R.O.S. LIMIT (QTY 2)
0131M00270	MOTOR, 1/2 HP, SERIAL ECM (M1, M2, M3, M4)
0131M00271	MOTOR, 3/4 HP, SERIAL ECM (M5, M6, M7, M8)
0131M00781P	MOTOR, VENT 2-STAGE
PCBKF105	PCB CONTROL BOARD
0130F00008	SINI IGNITOR
B1370210	SW, AIR PRESSURE 2 STAGE, PINK (M1, M2)
0130M00140	TRANSFORMER 120V TO 24V, 40VA
0130M00140	TRANSFORMER,(120V TO 24V,40VA,

Expanded Model Nomenclature

M1 - DC80VC0603BXAA
M2 - DC80VC0603BXAB
M3 - DC80VC0803BXAA
M4 - DC80VC0803BXAB
M5 - DC80VC0805CXAA
M6 - DC80VC0805CXAB
M7 - DC80VC1005CXAA
M8 - DC80VC1005CXAB

CABINET ASSEMBLY



CABINET ASSEMBLY

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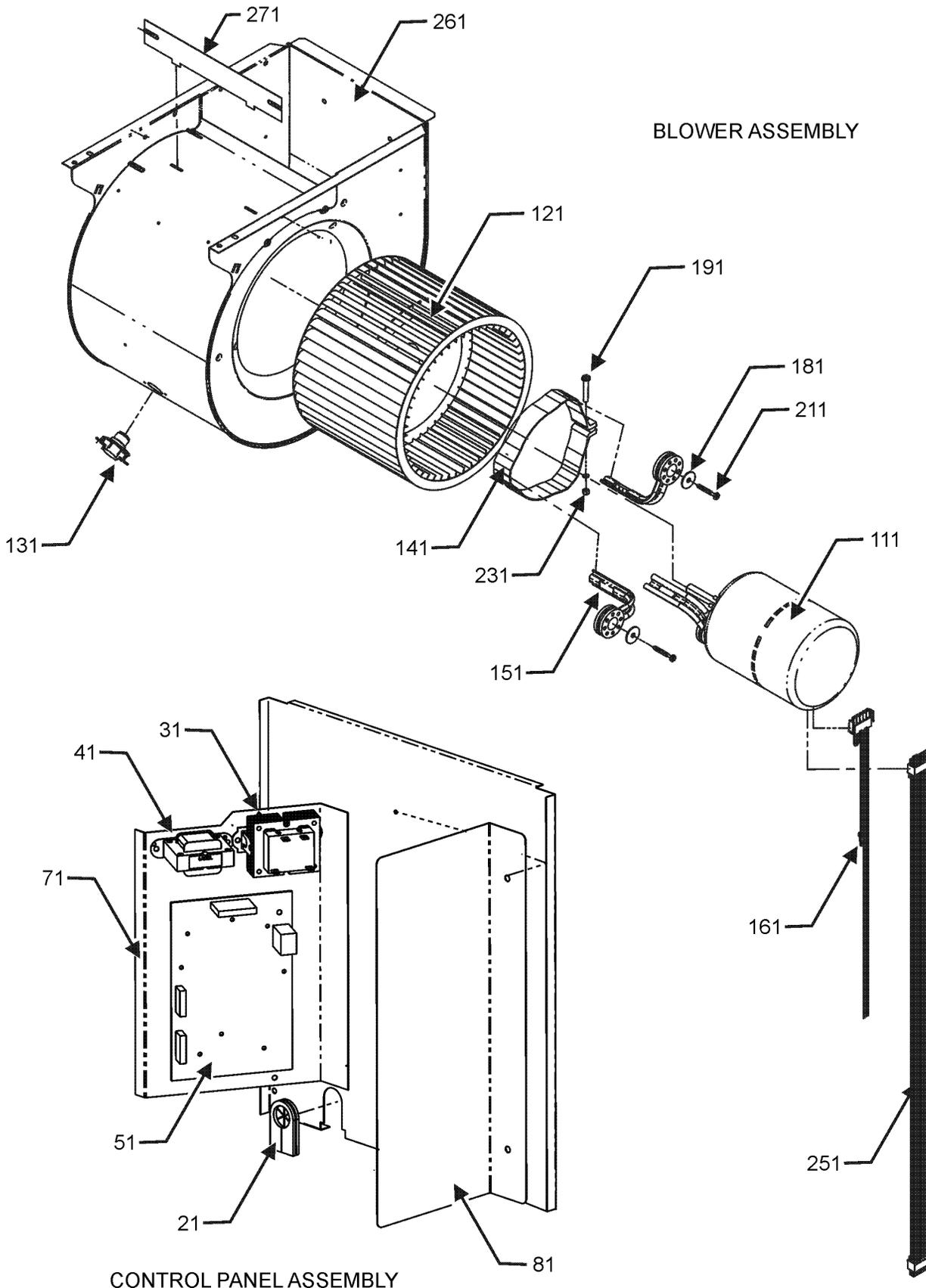
Image 1:

11	0121F00190DG	PAINTED 17.5" FURNACE BOTTOM (M1, M2, M3, M4)
11	0121F00191DG	PAINTED 21" FURNACE BOTTOM (M5, M6, M7, M8)
31	0121F00142DG	TOP, FURNACE 17.5"-PAINTED (M1, M2, M3, M4)
31	0121F00143DG	TOP, FURNACE 21"-PAINTED (M5, M6, M7, M8)
41	0121F00123NG	DOOR BLOWER, 17.5" PAINTED (M1, M2, M3, M4)
41	0121F00124NG	DOOR BLOWER, 21" PAINTED (M5, M6, M7, M8)
51	0130M00140	TRANSFORMER 120V TO 24V, 40VA
61	0130F00049	AIR PRESSURE SWITCH (M5, M6, M7, M8)
61	0130F00571	DUAL STAGE PRESSURE SWITCH (M3, M4)
61	B1370210	SW, AIR PRESSURE 2 STAGE, PINK (M1, M2)
71	B1392139	VIEW PORT BUSHING-BLOWER DOOR
81	0121F00227	DOOR, INNER 17.5" (M1, M2, M3, M4)
81	0121F00228	DOOR, INNER 21" (M5, M6, M7, M8)
91	0121F00119NG	DOOR CTRL ACCESS, 17.5" (M1, M2, M3, M4)
91	0121F00120NG	DOOR CTRL ACCESS, 21" PAINTED (M5, M6, M7, M8)
101	4023500	CHIMNEY TRANSITION TOP
111	4015502	J-BOX COVER
121	4014502	J-BOX
131	B1392147	UNIVERSAL BUSHING WITH SLICE
141	10690402	INTERLOCK SWITCH

Expanded Model Nomenclature

M1 - DC80VC0603BXAA
M2 - DC80VC0603BXAB
M3 - DC80VC0803BXAA
M4 - DC80VC0803BXAB
M5 - DC80VC0805CXAA
M6 - DC80VC0805CXAB
M7 - DC80VC1005CXAA
M8 - DC80VC1005CXAB

BLOWER & CONTROL PANEL ASSEMBLY



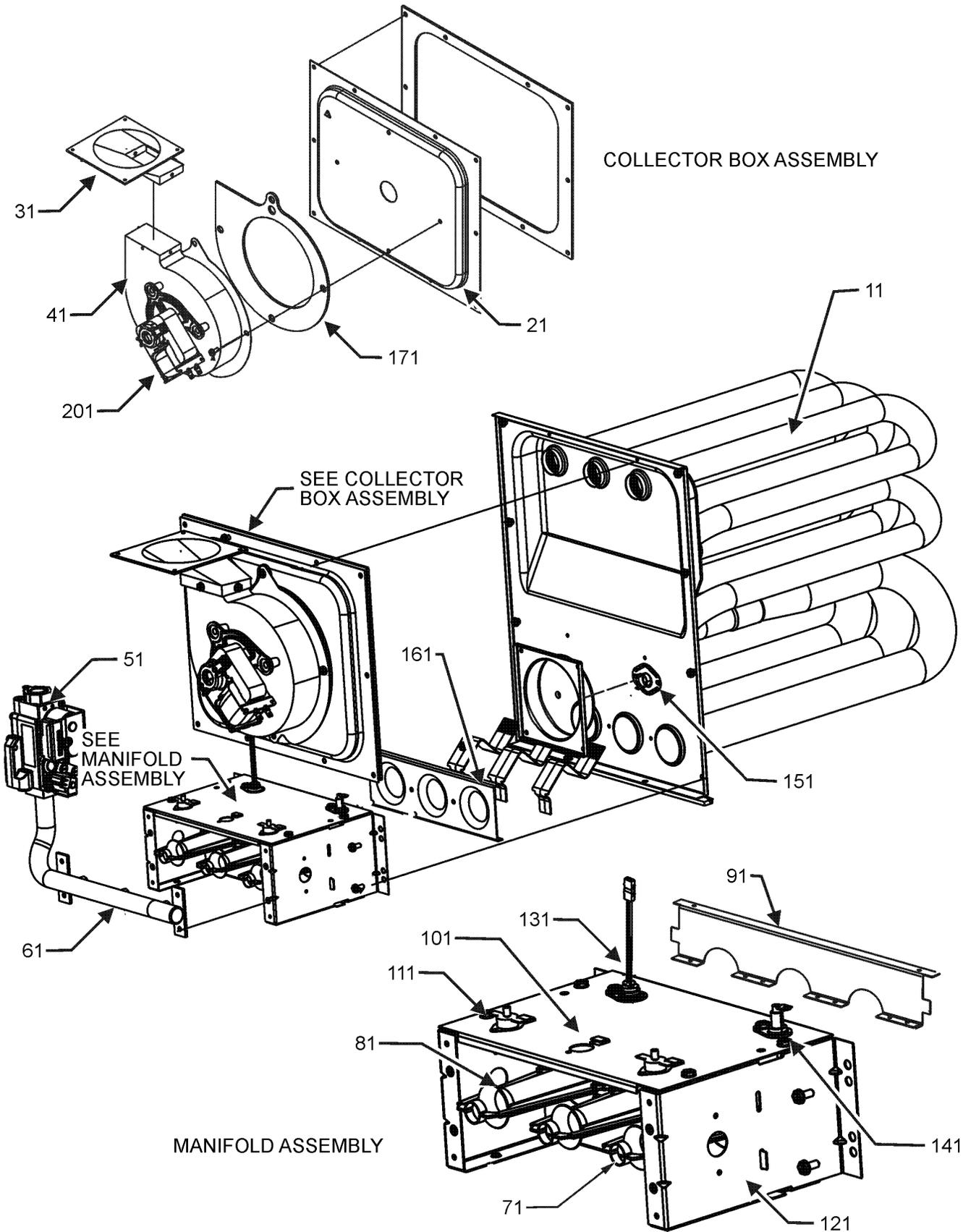
BLOWER & CONTROL PANEL ASSEMBLY

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
21	20477501		GROMMET-HORSESHOE
31	0130M00140		TRANSFORMER,(120V TO 24V,40VA,
41	0130M00141		INDUCTOR, 5.9 AMPS (GMPE100-4) (M5, M6, M7, M8)
51	PCBKF105		PCB CONTROL BOARD
71	0121F00186		BRACKET, CONTROL
81	0121F00229		HEAT SHIELD
111	0131M00270		MOTOR, 1/2 HP, SERIAL ECM (M1, M2, M3, M4)
111	0131M00271		MOTOR, 3/4 HP, SERIAL ECM (M5, M6, M7, M8)
121	0150M00042		WHEEL, BLOWER (10 X 10) (M5, M6, M7, M8)
121	0150M00043		WHEEL, BLOWER (10 X 8) (M1, M2, M3, M4)
131	0130F00038		LIMIT, PRIMARY 120 LT BLUE
141	0121M00038		MOTOR MOUNT BAND (M1, M2, M3, M4)
141	0121M00039		MOTOR MOUNT BAND (HEAVY DUTY) (M5, M6, M7, M8)
151	B1376853		MOTOR MOUNT ARM (M1, M2, M3, M4)
151	B1376863		MOTOR MOUNT ARM (HEAVY DUTY) (M5, M6, M7, M8)
161	0259F00068		POWER HARNESS
181	B1392918		WASHER, FLAT 1/4 ID X 1 OD (QTY 3)
191	0163M00320		HEX HEAD ALL THREAD TAP BOLT
211	M0250565		SCREW-TC 1.25" (QTY 3)
211	M0250565		SCREW-TC 1.25" (QTY 3)
231	B1393800		LOCKNUT, NYLON INSERT 1/4 20
251	0259F00067		CONTROL HARNESS
261	2539307		BLWR SHL ASM 10X10 10X10 (M5, M6, M7, M8)
261	2539306		BLWR SHL ASM 10X8 10X8 (M1, M2, M3, M4)
271	764741		BLWR BLK-OFF,10X10 (M5, M6, M7, M8)
271	764740		BLWR BLK-OFF,10X8 (M1, M2, M3, M4)
NS	0130F00565		DATA, FURNACE PCB (M1, M2)
NS	0130F00566		DATA, FURNACE PCB (M3, M4)
NS	0130F00567		DATA, FURNACE PCB (M5, M6)
NS	0130F00568		DATA, FURNACE PCB (M7, M8)

Expanded Model Nomenclature

M1 - DC80VC0603BXAA
M2 - DC80VC0603BXAB
M3 - DC80VC0803BXAA
M4 - DC80VC0803BXAB
M5 - DC80VC0805CXAA
M6 - DC80VC0805CXAB
M7 - DC80VC1005CXAA
M8 - DC80VC1005CXAB

HEAT EXCHANGE ASSEMBLY



HEAT EXCHANGE ASSEMBLY

Ref. Part No:	Part No:	Description:	Ref. Part No:	Part No:	Description:
Image 1:					
11	0270F03531	HEAT EXCHANGER ASSY (M1, M2)			
11	0270F03532	HEAT EXCHANGER ASSY (M3, M4)			
11	0270F03533	HEAT EXCHANGER ASSY (M5, M6)			
11	0270F03534	HEAT EXCHANGER ASSY (M7, M8)			
21	0121F00332	17.5" COLLECTOR BOX 1.375" DIA (M1, M2)			
21	0121F00331	17.5" COLLECTOR BOX 1.500" DIA (M3, M4)			
21	0121F00365	21" COLLECTOR BOX 1.437" DIA. (M5, M6)			
21	0121F00333	21" COLLECTOR BOX 1.75" DIA (M7, M8)			
31	0128F00006	CHIMNEY TRANSITION BOTTOM			
41	0131M00781P	MOTOR, VENT 2-STAGE			
51	0151M00027	GAS VALVE			
61	0120F00007	MANIFOLD (M1, M2)			
61	0120F00008	MANIFOLD (M3, M4, M5, M6)			
61	0120F00009	MANIFOLD (M7, M8)			
71	10716005	ORIFICE (QTY 3)			
81	B4022700	INSHOT BURNER ASSY 3" (QTY 3)			
91	0121F00168	BURNER RACK, 3 CELL (M1, M2)			
91	0121F00169	BURNER RACK, 4 CELL (M3, M4, M5, M6)			
91	0121F00170	BURNER RACK, 5 CELL (M7, M8)			
101	0121F00163	TOP, BURNER BOX 3 CELL (M1, M2)			
101	0121F00164	TOP, BURNER BOX 4 CELL (M3, M4, M5, M6)			
101	0121F00165	TOP, BURNER BOX 5 CELL (M7, M8)			
111	10123529	MANUAL RESET R.O.S. LIMIT (QTY 2)			
121	0121F00146	BURNER BOX SIDE (QTY 2)			
131	0130F00008	SINI IGNITOR			
141	0130F00010	FLAME SENSOR			
151	0130F00071	LIMIT SWITCH (M1, M2)			
151	0130F00036	LIMIT, PRIMARY, 180, PINK (M3, M4)			
151	0130F00067	LIMIT-RED (M5, M6, M7, M8)			
161	4028001	ORIFICE PLATE, 3CELL (M1, M2)			
161	4028002	ORIFICE PLATE, 4CELL (M3, M4, M5, M6)			
161	4028003	ORIFICE PLATE, 5CELL (M7, M8)			
171	0154F00004	GASKET-17.5 INCH (M1, M2, M3, M4)			
171	0154F00005	GASKET-21 INCH (M5, M6, M7, M8)			
201	DY6.186.070	VENT MOTOR CAPACITOR			
NS	0259M00005	ADAPTER HARNESS			
NS	0259F00066	INDUCER HARNESS ASSY			
NS	0259F00065	WIRE HARNESS ASSY			
NS	0259F00080	WIRE HARNESS ASSY (M1, M3, M5, M7)			
NS	0259F00272	WIRE HARNESS ASSY (M2, M4, M6, M8)			

Expanded Model Nomenclature

M1 - DC80VC0603BXAA
M2 - DC80VC0603BXAB
M3 - DC80VC0803BXAA
M4 - DC80VC0803BXAB
M5 - DC80VC0805CXAA
M6 - DC80VC0805CXAB
M7 - DC80VC1005CXAA
M8 - DC80VC1005CXAB