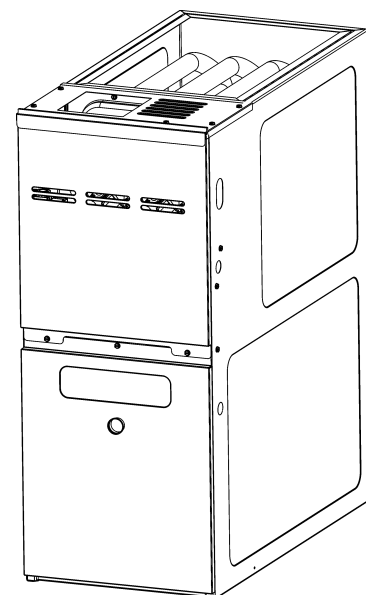


DM80TN 80% Two Stage 9 Speed ECM Motor Furnace

DM80TN0403ANAA
DM80TN0403ANAB
DM80TN0603BNAA
DM80TN0603BNAB
DM80TN0603BXAA
DM80TN0603BXAB
DM80TN0803BNAA
DM80TN0803BNAB
DM80TN0803BXAA
DM80TN0803BXAB
DM80TN0805CNAA
DM80TN0805CNAB
DM80TN0805CXAA
DM80TN0805CXAB
DM80TN0805DXAA
DM80TN0805DXAB
DM80TN1005CNAA
DM80TN1005CNAB
DM80TN1005CXAA
DM80TN1005CXAB
DM80TN1205DXAA
DM80TN1205DXAB



This manual is to be used by qualified technicians only.

This manual replaces RP-D2327.

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 Comfort Technologies Manufacturing , Inc. 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 , Inc. also recommends contacting an authorized technician and using authorized factory parts.

Daikin Comfort Technologies Manufacturing , Inc. 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 , Inc.
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 , Inc.
19001 Kermier Road
Waller, Texas 77484
713-861-2500-Telephone
713-863-2382-Facsimile

Functional Parts

Part

No: Description:

PCBBF167	2 STAGE IFC (M2, M4, M6, M8, M10, M12, M14, M16, M18, M20, M22)
PCBBF164	CIRCUIT BOARD, FURNACE (M1, M3, M5, M7, M9, M11, M13, M15, M17, M19, M21)
0130F00010	FLAME SENSOR
0151M00027	GAS VALVE
10690402	INTERLOCK SWITCH
0130F00038	LIMIT, AUX
20162906	LIMIT, PRIMARY (M1, M2)
20162905	LIMIT, PRIMARY (M17, M18, M19, M20)
20162904	LIMIT, PRIMARY (M7, M8, M9, M10, M15, M16)
20162903	LIMIT, PRIMARY (M3, M4, M5, M6, M21, M22)
0130M00063	LIMIT, PRIMARY (M11, M12, M13, M14)
10123529	LIMIT-RESET MAN-GREEN (QTY 2)
0131F00196	MOTOR PROGRAMMED (M7, M8, M9, M10)
0131F00195	MOTOR PROGRAMMED (M3, M4, M5, M6)
0131F00199	MOTOR PROGRAMMED (M11, M12, M13, M14)
0131F00200	MOTOR PROGRAMMED (M15, M16)
0131F00201	MOTOR PROGRAMMED (M17, M18, M19, M20)
0131F00202	MOTOR PROGRAMMED (M21, M22)
0131F00194	MOTOR PROGRAMMED (M1, M2)
0131F00334M	MOTOR W/O CONTROLLER (M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22)
0131F00332M	MOTOR W/O CONTROLLER (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10)
0131M00781P	MOTOR, VENT 2-STAGE
0130F00008	SINI IGNITOR
0130F20153	SWITCH, AIR PRESSURE (M1, M2, M3, M4, M5, M6, M15, M16)
0130F20151	SWITCH, AIR PRESSURE (M7, M8, M9, M10, M11, M12, M13, M14, M21, M22)
0130F20150	SWITCH, AIR PRESSURE (M17, M18, M19, M20)
0130M00140	TRANSFORMER, (120V TO 24V, 40VA,

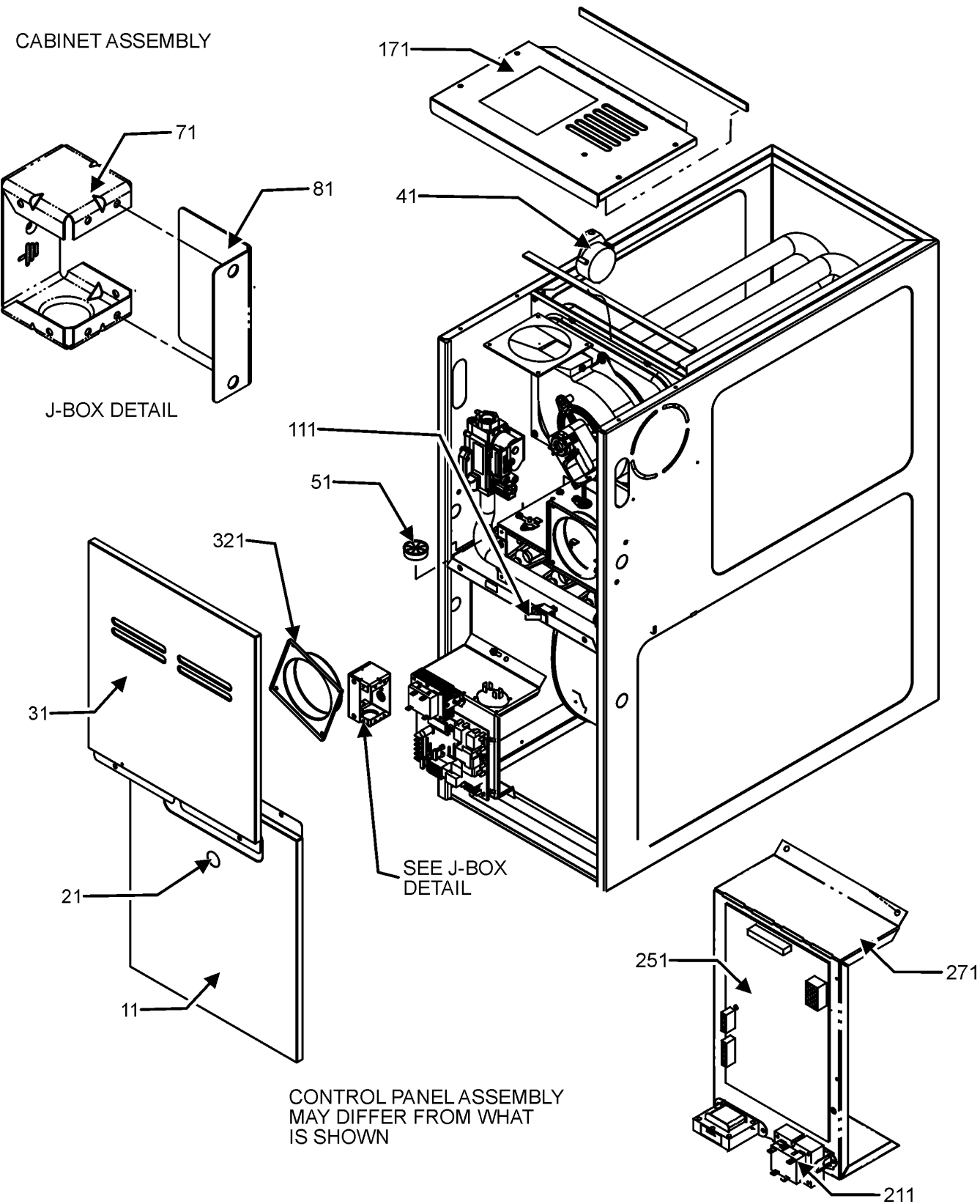
Expanded Model Nomenclature

M1 - DM80TN0403ANAA
M2 - DM80TN0403ANAB
M3 - DM80TN0603BNAA
M4 - DM80TN0603BNAB
M5 - DM80TN0603BXAA
M6 - DM80TN0603BXAB
M7 - DM80TN0803BNAA
M8 - DM80TN0803BNAB
M9 - DM80TN0803BXAA
M10 - DM80TN0803BXAB
M11 - DM80TN0805CNAA
M12 - DM80TN0805CNAB
M13 - DM80TN0805CXAA
M14 - DM80TN0805CXAB
M15 - DM80TN0805DXAA
M16 - DM80TN0805DXAB
M17 - DM80TN1005CNAA
M18 - DM80TN1005CNAB
M19 - DM80TN1005CXAA
M20 - DM80TN1005CXAB
M21 - DM80TN1205DXAA
M22 - DM80TN1205DXAB

SPECIAL PARTS:

PWDMFGB	DAIKIN PRODUCT WARRANTY (M1, M3, M5, M7, M9, M11, M13, M15, M17, M19, M21)
PWDMFG	DAIKIN PRODUCT WARRANTY (M2, M4, M6, M8, M10, M12, M14, M16, M18, M20, M22)
HID-2005	HOMEOWNERS INSTRUCTIONS
IOD-2026B	INSTALLATION INSTRUCTIONS (M2, M4, M6, M8, M10, M12, M14, M16, M18, M20, M22)
IOD-2026A	INSTALLATION INSTRUCTIONS (M1, M3, M5, M7, M9, M11, M13, M15, M17, M19, M21)

Cabinet and Control Panel Assembly



Cabinet and Control Panel Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

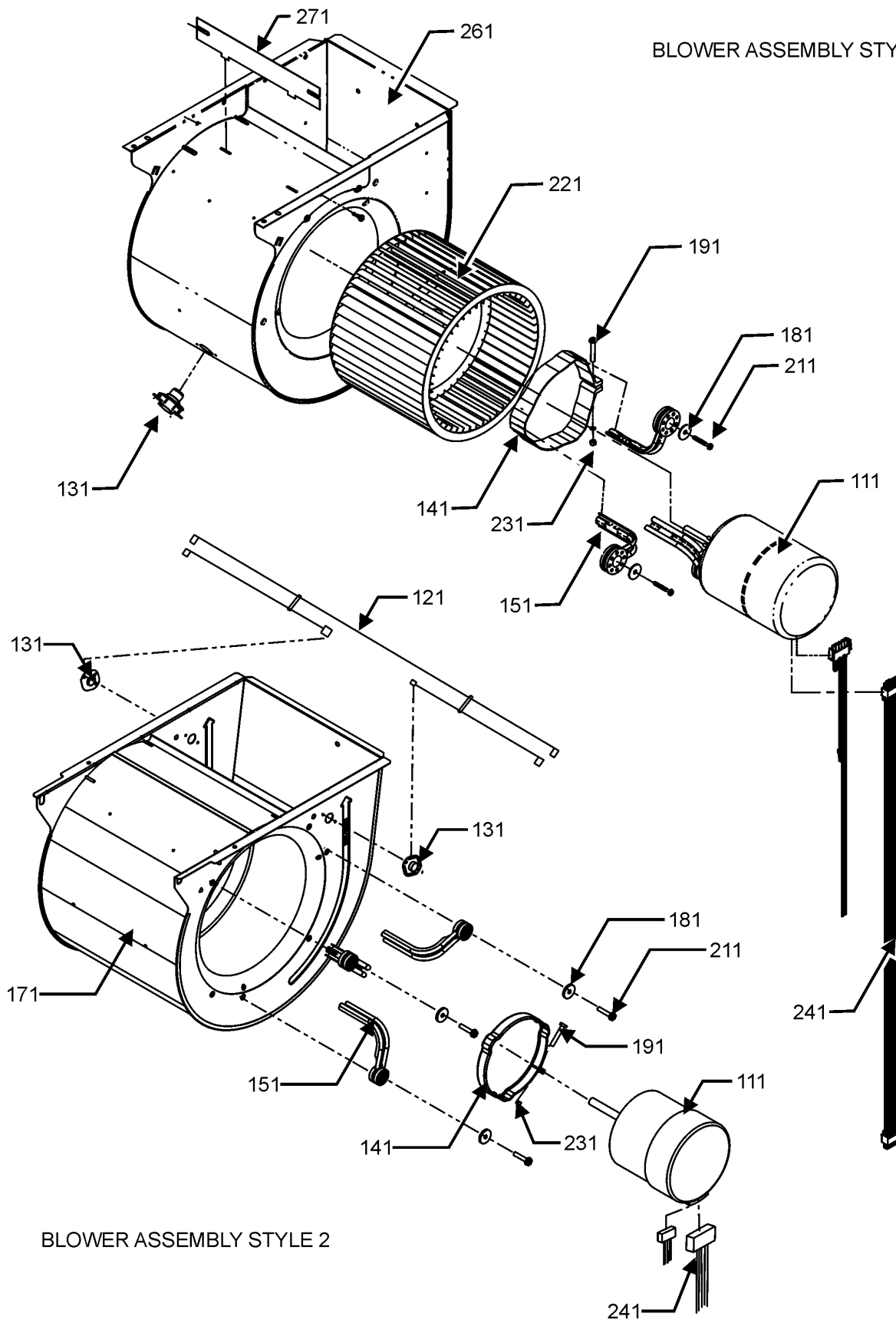
11	0121F00122NG	DOOR, BLOWER, 14"-PAINTED (M1, M2)
11	0121F00123NG	DOOR, BLOWER, 17.5" PAINTED (M3, M4, M5, M6, M7, M8, M9, M10)
11	0121F00124NG	DOOR, BLOWER, 21"-PAINTED (M11, M12, M13, M14, M17, M18, M19, M20)
11	0121F00125NG	DOOR, BLOWER, 24.5"-PAINTED (M15, M16, M21, M22)
21	B1392139	VIEW PORT BUSHING-BLOWER DOOR
31	0121F20089NG	PNL, CONTROL ACCESS DOOR PNT (M1, M2)
31	0121F20091NG	PNL, CONTROL ACCESS DOOR PNT (M3, M4, M5, M6, M7, M8, M9, M10)
31	0121F20092NG	PNL, CONTROL ACCESS DOOR PNT (M11, M12, M13, M14, M17, M18, M19, M20)
31	0121F20094NG	PNL, CONTROL ACCESS DOOR PNT (M15, M16, M21, M22)
41	0130F20150	SWITCH, AIR PRESSURE (M17, M18, M19, M20)
41	0130F20151	SWITCH, AIR PRESSURE (M7, M8, M9, M10, M11, M12, M13, M14, M21, M22)
41	0130F20153	SWITCH, AIR PRESSURE (M1, M2, M3, M4, M5, M6, M15, M16)
51	B1392147	UNIVERSAL BUSHING WITH SLICE
71	0121F20060	BOX, JUNCTION 90%
81	0121F20061	BOX, JUNCTION 80%
111	10690402	INTERLOCK SWITCH
171	0121F20090DG	PNL, FURNACE TOP PNT (M15, M16, M21, M22)
171	0121F20093DG	PNL, FURNACE TOP PNT (M11, M12, M13, M14, M17, M18, M19, M20)
171	0121F20095DG	PNL, FURNACE TOP PNT (M1, M2)
171	0121F20096DG	PNL, FURNACE TOP PNT (M3, M4, M5, M6, M7, M8, M9, M10)
211	0130M00140	TRANSFORMER,(120V TO 24V,40VA,
251	PCBBF167	2 STAGE IFC (M2, M4, M6, M8, M10, M12, M14, M16, M18, M20, M22)
251	PCBBF164	CIRCUIT BOARD, FURNACE (M1, M3, M5, M7, M9, M11, M13, M15, M17, M19, M21)
271	0121F00802	MOUNTING PANEL, CONTROLS
321	4023500	CHIMNEY TRANSITION TOP
NS	0141M00007	CHIMNEY TOP SCREW PACKAGE
NS	PWDMFG	DAIKIN PRODUCT WARRANTY (M2, M4, M6, M8, M10, M12, M14, M16, M18, M20, M22)
NS	PWDMFGB	DAIKIN PRODUCT WARRANTY (M1, M3, M5, M7, M9, M11, M13, M15, M17, M19, M21)
NS	HID-2005	HOMEOWNERS INSTRUCTIONS
NS	IOD-2026A	INSTALLATION INSTRUCTIONS (M1, M3, M5, M7, M9, M11, M13, M15, M17, M19, M21)
NS	IOD-2026B	INSTALLATION INSTRUCTIONS (M2, M4, M6, M8, M10, M12, M14, M16, M18, M20, M22)

Expanded Model Nomenclature

M1 - DM80TN0403ANAA
M2 - DM80TN0403ANAB
M3 - DM80TN0603BNAA
M4 - DM80TN0603BNAB
M5 - DM80TN0603BXAA
M6 - DM80TN0603BXAB
M7 - DM80TN0803BNAA
M8 - DM80TN0803BNAB
M9 - DM80TN0803BXAA
M10 - DM80TN0803BXAB
M11 - DM80TN0805CNAA
M12 - DM80TN0805CNAB
M13 - DM80TN0805CXAA
M14 - DM80TN0805CXAB
M15 - DM80TN0805DXAA
M16 - DM80TN0805DXAB
M17 - DM80TN1005CNAA
M18 - DM80TN1005CNAB
M19 - DM80TN1005CXAA
M20 - DM80TN1005CXAB
M21 - DM80TN1205DXAA
M22 - DM80TN1205DXAB

Blower Assembly

BLOWER ASSEMBLY STYLE 1



BLOWER ASSEMBLY STYLE 2

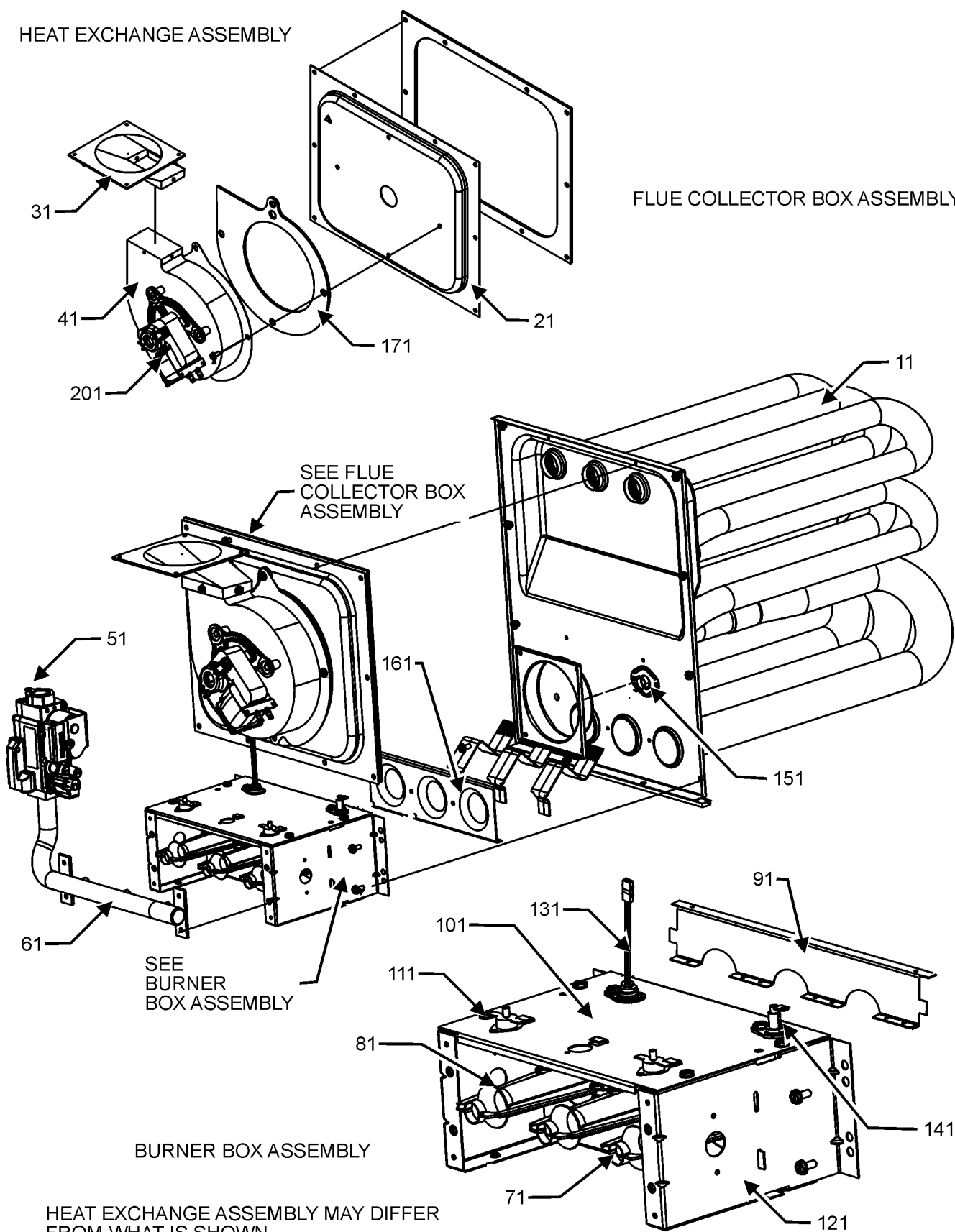
Blower Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:		Expanded Model Nomenclature	
111	0131F00194	MOTOR PROGRAMMED (M1, M2)	M1 - DM80TN0403ANAA
111	0131F00195	MOTOR PROGRAMMED (M3, M4, M5, M6)	M2 - DM80TN0403ANAB
111	0131F00196	MOTOR PROGRAMMED (M7, M8, M9, M10)	M3 - DM80TN0603BNAA
111	0131F00199	MOTOR PROGRAMMED (M11, M12, M13, M14)	M4 - DM80TN0603BNAB
111	0131F00200	MOTOR PROGRAMMED (M15, M16)	M5 - DM80TN0603BXAA
111	0131F00201	MOTOR PROGRAMMED (M17, M18, M19, M20)	M6 - DM80TN0603BXAB
111	0131F00202	MOTOR PROGRAMMED (M21, M22)	M7 - DM80TN0803BNAA
111	0131F00332M	MOTOR W/O CONTROLLER (M1, M2, M3, M4, M5, M6, M7, M8, M9, M10)	M8 - DM80TN0803BNAB
111	0131F00334M	MOTOR W/O CONTROLLER (M11, M12, M13, M14, M15, M16, M17, M18, M19, M20, M21, M22)	M9 - DM80TN0803BXAA
121	0259F00024	WIRE HARNESS-BLOWER (M15, M16)	M10 - DM80TN0803BXAB
131	0130F00038	LIMIT, AUX	M11 - DM80TN0805CNAA
141	0121M00039	MOTOR MOUNT BAND (HEAVY DUTY)	M12 - DM80TN0805CNAB
151	0163M00538	MOUNT ARM, MOTOR (QTY 3)	M13 - DM80TN0805CXAA
171	0271F00303	BLOWER SHELL & WHEEL (M15, M16)	M14 - DM80TN0805CXAB
181	B1392918	WASHER, FLAT 1/4 ID X 1 OD (QTY 3)	M15 - DM80TN0805DXAA
191	0163M00320	HEX HEAD ALL THREAD TAP BOLT	M16 - DM80TN0805DXAB
211	M0250565	SCREW-TC 1.25" (QTY 3)	M17 - DM80TN1005CNAA
221	0150M00042	WHEEL, BLOWER (10 X 10) (M11, M12, M13, M14, M17, M18, M19, M20)	M18 - DM80TN1005CNAB
221	0150M00043	WHEEL, BLOWER (10 X 8) (M3, M4, M5, M6, M7, M8, M9, M10)	M19 - DM80TN1005CXAA
221	0150M00061	WHEEL,BLOWER (M1, M2)	M20 - DM80TN1005CXAB
221	0150M00062	WHEEL,BLOWER (M21, M22)	M21 - DM80TN1205DXAA
231	B1393800	LOCKNUT, NYLON INSERT 1/4 20	M22 - DM80TN1205DXAB
241	0159F00160	CTM, MOTOR HARNESS	
261	0271F20054	BLOWER HOUSING ASSY (M1, M2)	
261	0271F20055	BLOWER HOUSING ASSY (M3, M4, M5, M6, M7, M8, M9, M10)	
261	0271F20056	BLOWER HOUSING ASSY (M11, M12, M13, M14, M17, M18, M19, M20, M21, M22)	
271	764741	BLWR BLK-OFF,10X10 (M11, M12, M13, M14, M17, M18, M19, M20, M21, M22)	
271	764739	BLWR BLK-OFF,10X6 (M1, M2)	
271	764740	BLWR BLK-OFF,10X8 (M3, M4, M5, M6, M7, M8, M9, M10)	

Heat Exchange Assembly

HEAT EXCHANGE ASSEMBLY

FLUE COLLECTOR BOX ASSEMBLY



Heat Exchange Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:		
Image 1:		Image 1:			
11	0270F00931	HEAT EXCHANGER ASSY (M1, M2)	161	4028004	ORIFICE PLATE, 6CELL (M21, M22)
11	0270F00933	HEAT EXCHANGER ASSY (M3, M4, M5, M6)	171	0154F00003	GASKET-14 INCH (M1, M2)
11	0270F00934	HEAT EXCHANGER ASSY (M7, M8, M9, M10)	171	0154F00004	GASKET-17.5 INCH (M3, M4, M5, M6, M7, M8, M9, M10)
11	0270F00935	HEAT EXCHANGER ASSY (M11, M12, M13, M14)	171	0154F00005	GASKET-21 INCH (M11, M12, M13, M14, M15, M16, M17, M18, M19, M20)
11	0270F00936	HEAT EXCHANGER ASSY (M17, M18, M19, M20)	171	0154F00006	GASKET-24.5 INCH (M21, M22)
11	0270F00937	HEAT EXCHANGER ASSY (M21, M22)	201	DY6.186.070	VENT MOTOR CAPACITOR
11	0270F03017	HEAT EXCHANGER ASSY (M15, M16)	NS	0259F00062	INDUCER HARNESS ASSY
21	0121F00328	17.5" COLLECTOR BOX 1.250" DIA (M3, M4, M5, M6)	NS	0159F00138	WIRE HARNESS
21	0121F00334	21" COLLECTOR BOX 1.625" DIA (M15, M16)	Expanded Model Nomenclature M1 - DM80TN0403ANAA M2 - DM80TN0403ANAB M3 - DM80TN0603BNAA M4 - DM80TN0603BNAB M5 - DM80TN0603BXAA M6 - DM80TN0603BXAB M7 - DM80TN0803BNAA M8 - DM80TN0803BNAB M9 - DM80TN0803BXAA M10 - DM80TN0803BXAB M11 - DM80TN0805CNAA M12 - DM80TN0805CNAB M13 - DM80TN0805CXAA M14 - DM80TN0805CXAB M15 - DM80TN0805DXAA M16 - DM80TN0805DXAB M17 - DM80TN1005CNAA M18 - DM80TN1005CNAB M19 - DM80TN1005CXAA M20 - DM80TN1005CXAB M21 - DM80TN1205DXAA M22 - DM80TN1205DXAB		
21	0121F00333	21" COLLECTOR BOX 1.75" DIA (M17, M18, M19, M20)			
21	0121F00336	21" FLUE COLLECTOR BOX 1.50" (M11, M12, M13, M14)			
21	0121F00655	COLLECTOR BOX 17.5" 1.437 DIA (M7, M8, M9, M10)			
21	0121F00783	COLLECTOR BOX, 14" (M1, M2)			
21	0121F00782	COLLECTOR BOX, 24.5" (M21, M22)			
31	0128F00006	TRANSITION, BOTTOM			
41	0131M00781P	MOTOR, VENT 2-STAGE			
51	0151M00027	GAS VALVE			
61	0120F00006	MANIFOLD (M1, M2)			
61	0120F00007	MANIFOLD (M3, M4, M5, M6)			
61	0120F00008	MANIFOLD (M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)			
61	0120F00009	MANIFOLD (M17, M18, M19, M20)			
61	0120F00010	MANIFOLD (M21, M22)			
71	10716005	ORIFICE (QTY 2)			
81	B4022700	INSHOT BURNER ASSY 3" (QTY 2)			
91	0121F00167	BURNER RACK, 2 CELL (M1, M2)			
91	0121F00168	BURNER RACK, 3 CELL (M3, M4, M5, M6)			
91	0121F00169	BURNER RACK, 4 CELL (M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)			
91	0121F00170	BURNER RACK, 5 CELL (M17, M18, M19, M20)			
91	0121F00171	BURNER RACK, 6 CELL (M21, M22)			
101	0121F00162	TOP, BURNER BOX 2 CELL (M1, M2)			
101	0121F00759	TOP, BURNER BOX 3 CELL (M3, M4, M5, M6)			
101	0121F00760	TOP, BURNER BOX 4 CELL (M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)			
101	0121F00761	TOP, BURNER BOX 5 CELL (M17, M18, M19, M20)			
101	0121F00762	TOP, BURNER BOX 6 CELL (M21, M22)			
111	10123529	LIMIT-RESET MAN-GREEN (QTY 2)			
121	0121F00146	SIDE PLATE-BURNER BOX (QTY 2)			
131	0130F00008	SINI IGNITOR			
141	0130F00010	FLAME SENSOR			
151	0130M00063	LIMIT, PRIMARY (M11, M12, M13, M14)			
151	20162903	LIMIT, PRIMARY (M3, M4, M5, M6, M21, M22)			
151	20162904	LIMIT, PRIMARY (M7, M8, M9, M10, M15, M16)			
151	20162905	LIMIT, PRIMARY (M17, M18, M19, M20)			
151	20162906	LIMIT, PRIMARY (M1, M2)			
161	4028000	ORIFICE PLATE, 2CELL (M1, M2)			
161	4028001	ORIFICE PLATE, 3CELL (M3, M4, M5, M6)			
161	4028002	ORIFICE PLATE, 4 CELL (M7, M8, M9, M10, M11, M12, M13, M14, M15, M16)			
161	4028003	ORIFICE PLATE, 5CELL (M17, M18, M19, M20)			