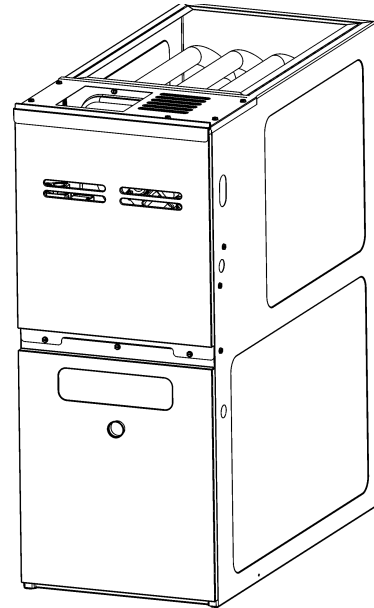


REPAIR PARTS

VCES 80% High Efficient Furnace

VCES800603AXAA

VCES800804BXAA



This manual is to be used by qualified technicians only.

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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

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

Goodman 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

Goodman Manufacturing Company, L.P.

19001 Kermier Road

Waller, Texas 77484

877-254-4729-Telephone

713-863-2382-Facsimile

For assistance outside the U.S.A. contact:

International Division

Goodman Manufacturing Company, L.P.

19001 Kermier Road

Waller, Texas 77484

713-861-2500-Telephone

713-863-2382-Facsimile

Functional Parts

Part

No: **Description:**

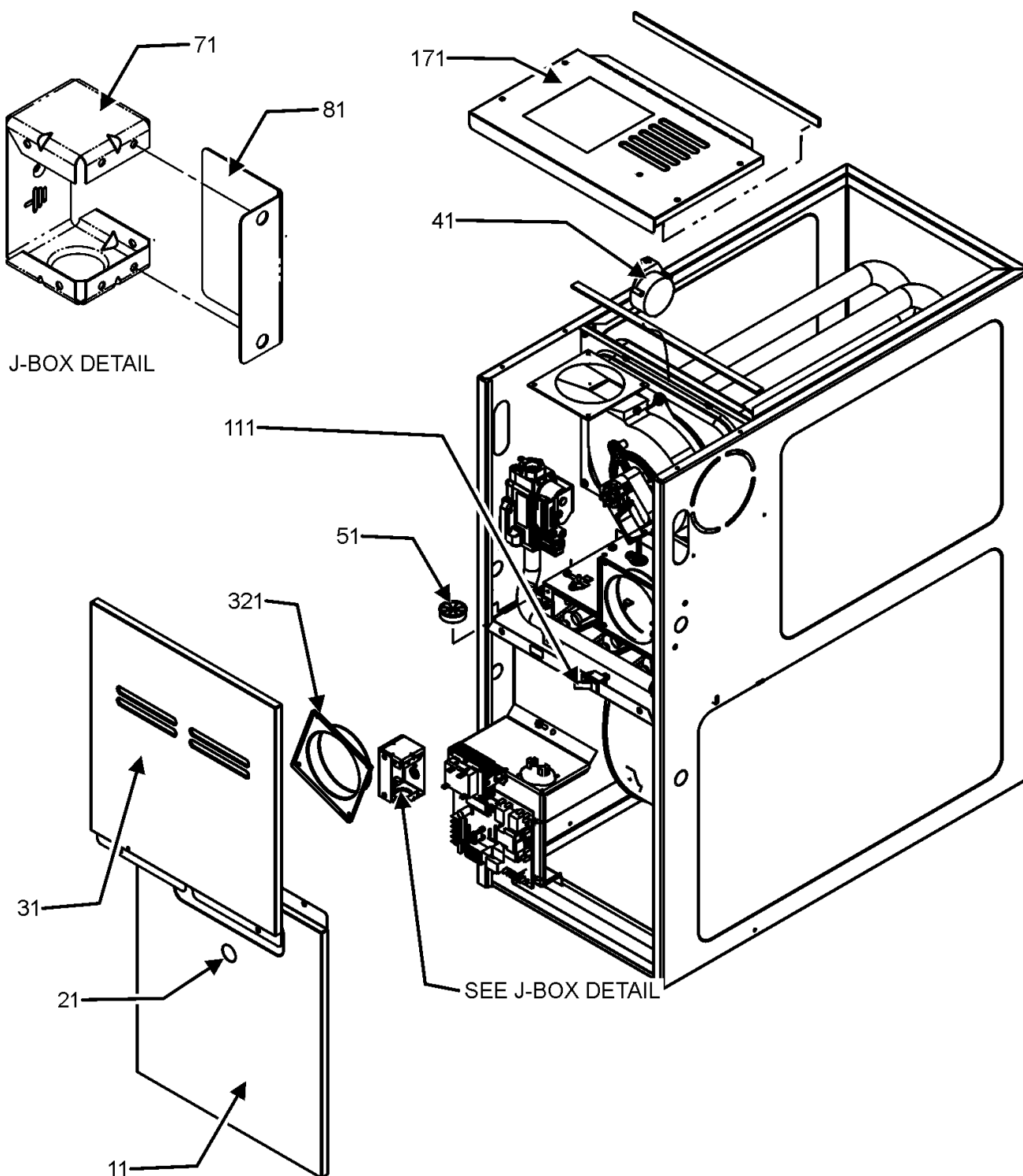
PCBBF145	CIRCUIT BOARD
0130F00010	FLAME SENSOR
0151M00037	GAS VALVE
10690402	INTERLOCK SWITCH
0130F00038	LIMIT, PRIMARY 120 LT BLUE
10123529	MANUAL RESET R.O.S. LIMIT
0131F00112	MOTOR X-13, BLOWER 1/2 H.P. (M1)
0131F00113	MOTOR X-13, BLOWER 3/4 H.P. (M2)
0131F00116	MOTOR, PROGRAM-X13 (M1)
0131F00117	MOTOR, PROGRAM-X13 (M2)
0131M00002P	MOTOR, VENT 80+
0130F00036	PRIMARY LIMIT - PINK 180°
0130F00008	SINI IGNITOR
0130F00504	SWITCH, PRESSURE
DY6.186.070	VENT MOTOR CAPACITOR

Expanded Model Nomenclature

M1 - VCES800603AXAA

M2 - VCES800804BXAA

Cabinet Assembly



CABINET PANEL ASSEMBLY
MAY DIFFER FROM WHAT IS SHOWN

Cabinet Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0121F00122DB		DOOR BLOWER, 14" - PAINTED (M1)
11	0121F00123DB		DOOR BLOWER, 17.5" - PAINTED (M2)
21	B1392139		VIEW PORT BUSHING-BLOWER DOOR
31	0121F00118DB		DOOR CTRL ACCESS, 14"-PAINTED (M1)
31	0121F00119DB		DOOR CTRL ACCESS, 17.5"-PAINTED (M2)
41	0130F00504		SWITCH, PRESSURE
51	0163F00001		UNIVERSAL BUSHING WITH SLICE
71	4014502		J-BOX
81	4015502		COVER, J-BOX
111	10690402		INTERLOCK SWITCH
171	0121F00141DG		TOP 14" (M1)
171	0121F00142DG		TOP 17.5" (M2)
321	4023500		CHIMNEY TRANSITION TOP

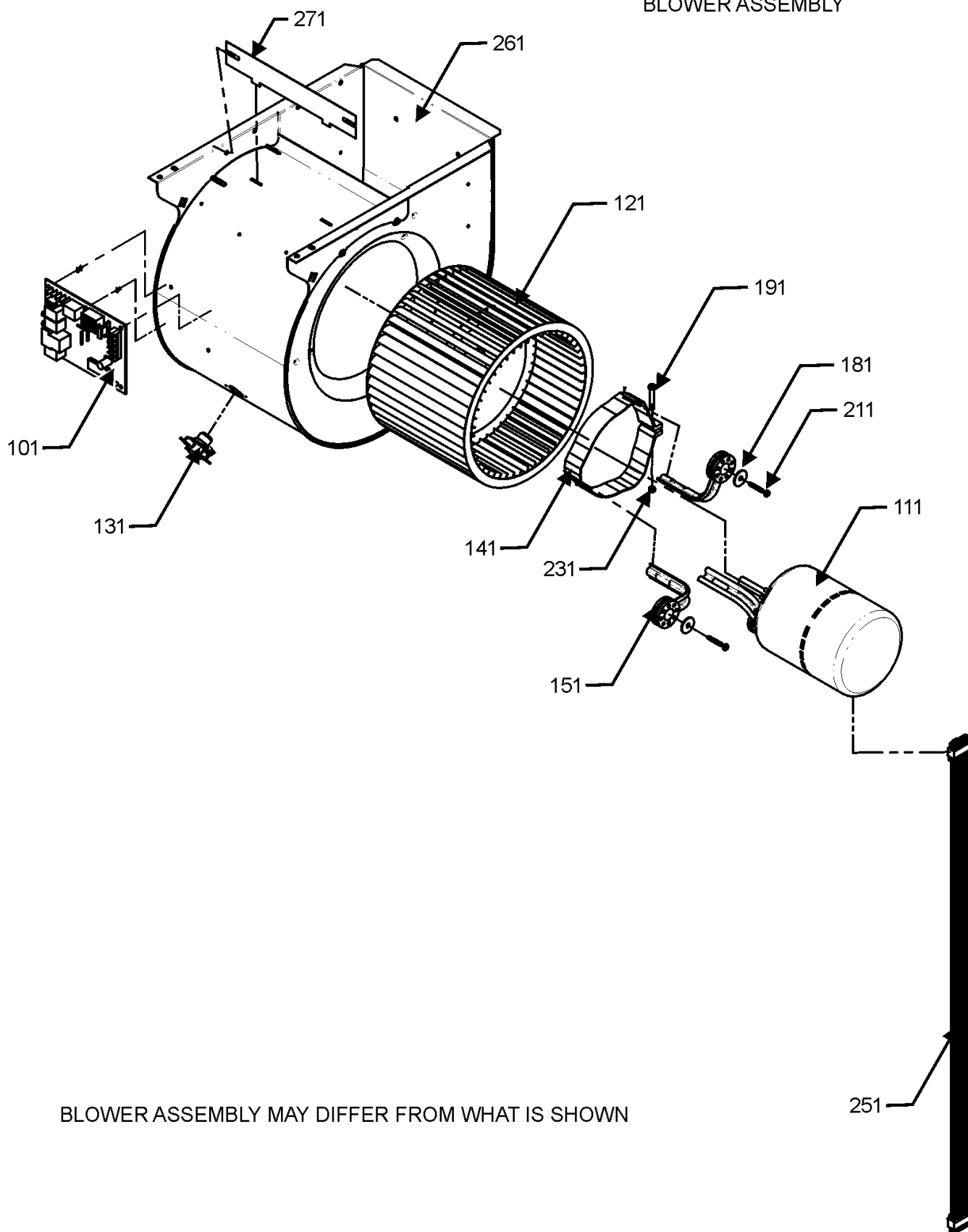
Expanded Model Nomenclature

M1 - VCES800603AXAA

M2 - VCES800804BXAA

Blower Assembly

BLOWER ASSEMBLY



BLOWER ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

Blower Assembly

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

101	PCBBF145	CIRCUIT BOARD
121	B1368034	BLOWER WHEEL (10 X 6) (M1)
121	0150M00043	WHEEL, BLOWER (10 X 8) (M2)
131	0130F00038	LIMIT, PRIMARY 120 LT BLUE
141	0121M00039	MOUNT BAND, MOTOR (HEAVY DUTY)
151	B1376863	MOTOR MOUNT ARM (HEAVY DUTY) (QTY
181	B1392918	3) WASHER, FLAT 1/4 ID X 1 OD (QTY 3)
191	0163M00320	HEX HEAD ALL THREAD TAP BOLT SCREW-
211	M0250565	TC 1.25" (QTY 3)
211	M0250565	SCREW-TC 1.25" (QTY 3)
231	B1393800	LOCKNUT, NYLON INSERT 1/4 20
251	0159F00076	WIRING HARNESS
261	2539305	BLWR SHL ASM 10X6 10X6 (M1)
261	2539306	BLWR SHL ASM 10X8 10X8 (M2)
271	764739	BLWR BLK-OFF,10X6 (M1)
271	764740	BLWR BLK-OFF,10X8 (M2)
111	0131F00116	MOTOR, PROGRAM-X13 (M1)
111	0131F00117	MOTOR, PROGRAM-X13 (M2)

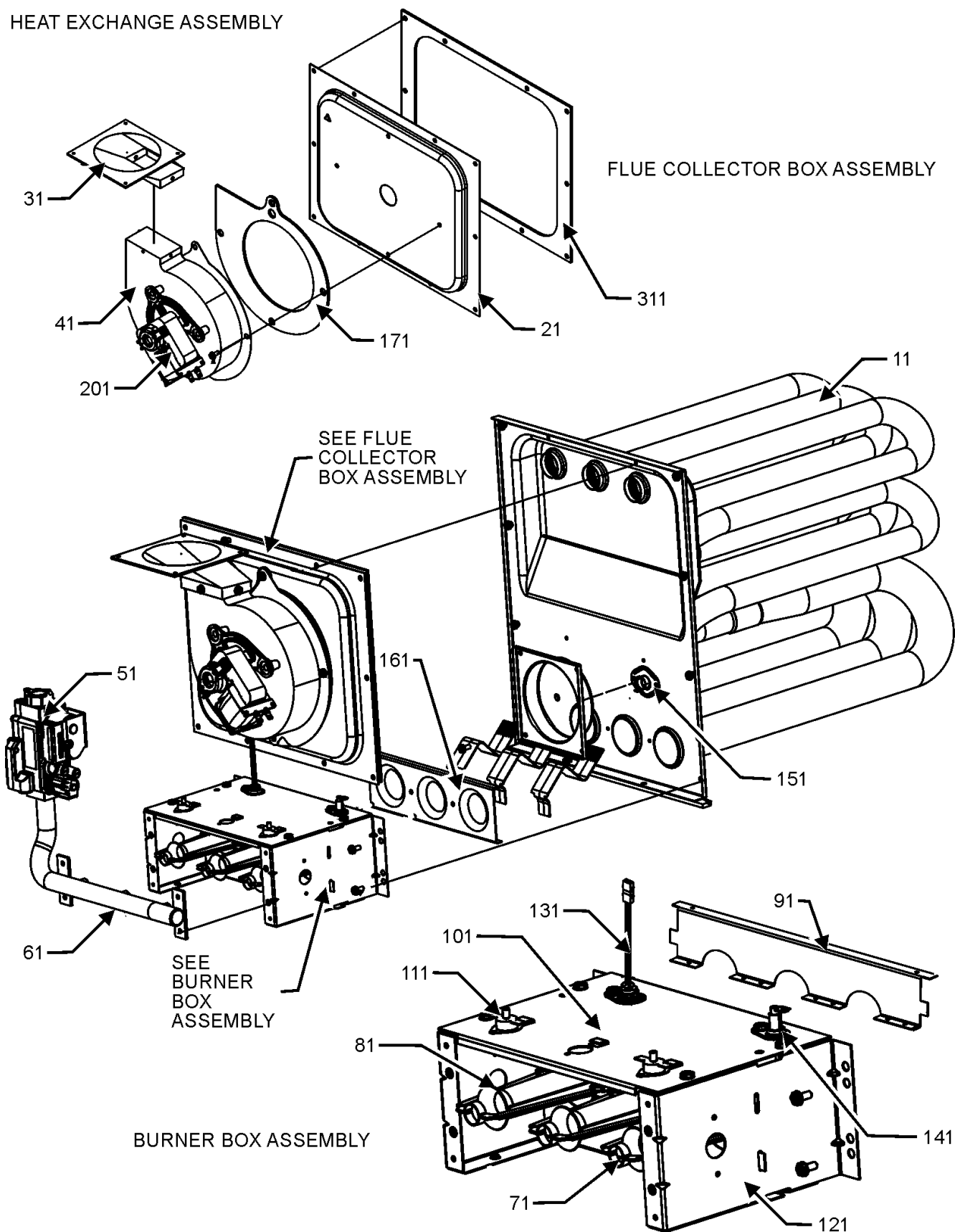
Expanded Model Nomenclature

M1 - VCES800603AXAA

M2 - VCES800804BXAA

Heat Exchange Assembly

HEAT EXCHANGE ASSEMBLY



Heat Exchange Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0270F03526		HEAT EXCHANGER ASSY (M1)
11	0270F03527		HEAT EXCHANGER ASSY (M2)
21	0121F00364		14" FLUE COLLECTOR BOX 1.5"DIA (M1)
21	0121F00128		COLLECTOR BOX 17.5" 1.75 DIA (M2)
31	0128F00006		CHIMNEY TRANSITION BOTTOM
41	0131M00002P		MOTOR, VENT 80+
51	0151M00037		GAS VALVE
61	0120F00007		MANIFOLD (M1)
61	0120F00008		MANIFOLD (M2)
71	10716005		ORIFICE (QTY 3)
81	B4022700		INSHOT BURNER ASSY 3" (QTY 3)
91	0121F00168		BURNER BRACKET 3B (M1)
91	0121F00169		BURNER BRACKET 4B (M2)
101	0121F00163		BURNER BOX TOP 3 CELL (M1)
101	0121F00164		BURNER BOX TOP 4 CELL (M2)
111	10123529		MANUAL RESET R.O.S. LIMIT
121	0121F00146		BURNER BOX SIDE (QTY 2)
131	0130F00008		SINI IGNITOR
141	0130F00010		FLAME SENSOR
151	0130F00036		PRIMARY LIMIT - PINK 180°
161	4028001		ORIFICE SHIELD 3 CELL (M1)
161	4028002		ORIFICE SHIELD 4 CELL (M2)
171	0154F00003		GASKET-14 INCH (M1)
171	0154F00004		GASKET-17.5 INCH (M2)
201	DY6.186.070		VENT MOTOR CAPACITOR
311	0154F00004		GASKET- 17.5 INCH (M2)
311	0154F00003		GASKET-14 INCH (M1)
NS	0259F00057		ASSY, WIRE HARNESS, 12-PIN
NS	0259F00059		KIT, WIRE DF
NS	0159F00059		WIRE HARNESS ASSY, IGNITOR

Expanded Model Nomenclature

M1 - VCES800603AXAA

M2 - VCES800804BXAA