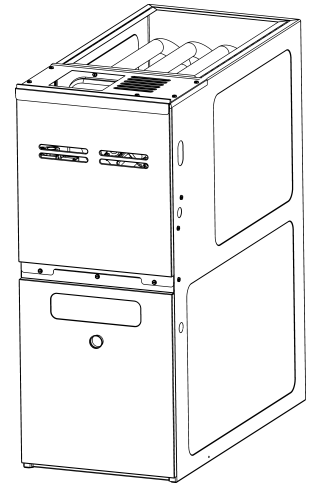




REPAIR PARTS

GRVT 80% High Efficient Furnace

GRVT800603BNAA
GRVT800603BXAA
GRVT800604BNAA
GRVT800604BXAA
GRVT800803BNAA
GRVT800804CNAA
GRVT800804CXAA
GRVT800805CNAA
GRVT800805CXAA
GRVT800805DNAA
GRVT800805DXAA
GRVT801005CNAA
GRVT801005CXAA



This manual is to be used by qualified technicians only.

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Important Information

Index

Functional Parts List	3
Illustration and Parts	4 - 9

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:

0130F00792	AIR PRESSURE SWITCH (M3, M4, M5, M8, M9)
0130F00794	AIR PRESSURE SWITCH (M6, M7)
0130F00795	AIR PRESSURE SWITCH (M1, M2, M10, M11)
0130F00791	AIR PRESSURE SWITCH (M12, M13)
SHARED DATA	Available thru CoolCloud HVAC app.
0130F00010	FLAME SENSOR
0151M00027	GAS VALVE
0130M00141	INDUCTOR, 5.9 AMPS (M3, M4, M6, M7, M8, M9, M10, M11, M12, M13)
10690402	INTERLOCK SWITCH
0130F00038	LIMIT, AUX
20162905	LIMIT, PRIMARY (M12, M13)
20162904	LIMIT, PRIMARY (M5, M6, M7, M10, M11)
20162903	LIMIT, PRIMARY (M1, M2)
0130M00063	LIMIT, PRIMARY (M3, M4, M8, M9)
10123529	MANUAL RESET R.O.S. LIMIT (QTY 2)
0131M01002	MOTOR, 1/2 HP (M1, M2, M5, M6, M7)
0131M01003	MOTOR, 3/4 HP (M3, M4, M8, M9, M10, M11, M12, M13)
0131M00781P	MOTOR, VENT 2-STAGE
PCBKF321	PCB, CONTROL BOARD
0130F00008	SINI IGNITOR
0130M00140	TRANSFORMER,(120V TO 24V,40VA,

SPECIAL PARTS

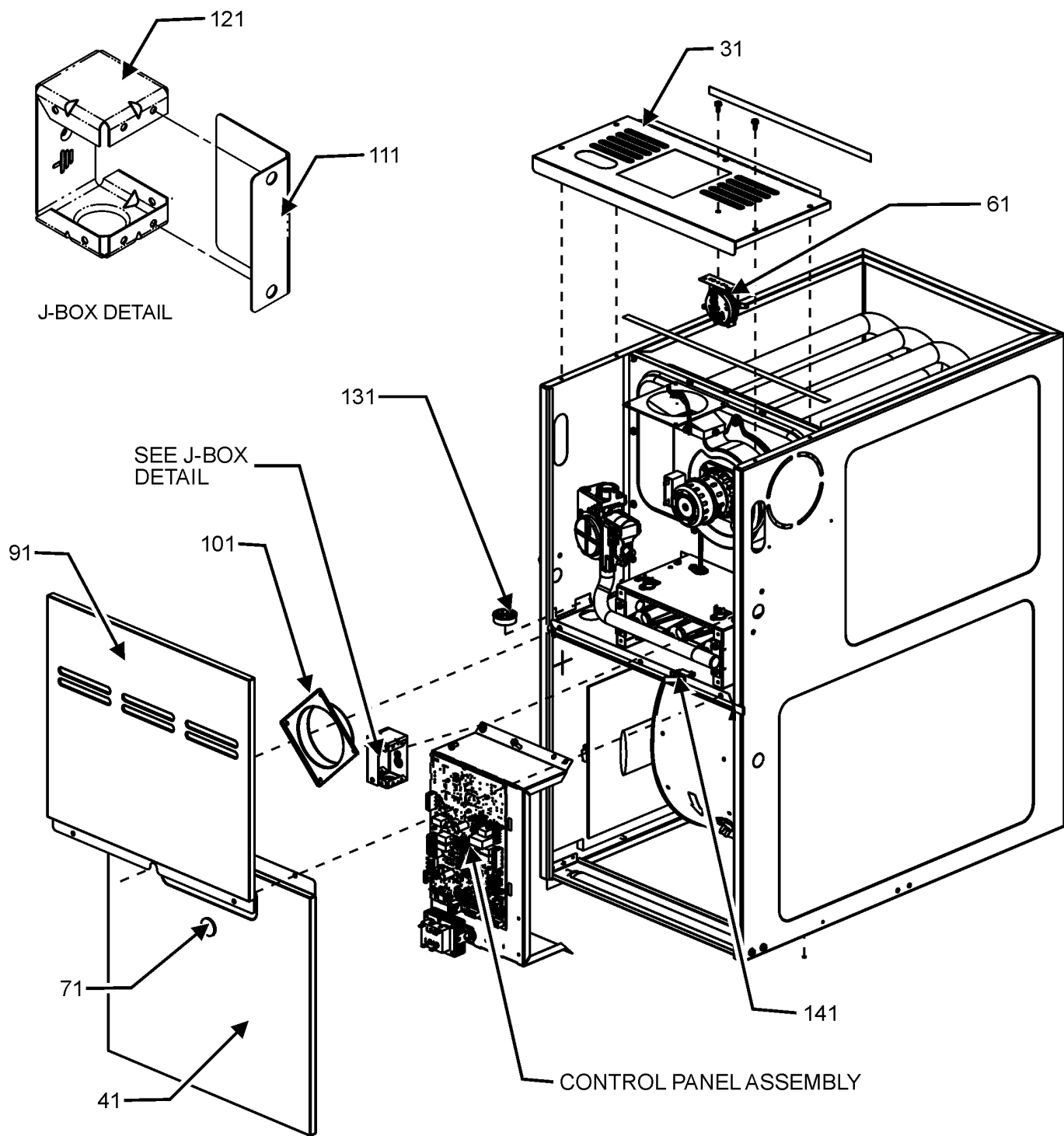
0161F00007 NAMEPLATE, GOODMAN

Expanded Model Nomenclature

M1 - GRVT800603BNAA
 M2 - GRVT800603BXAA
 M3 - GRVT800604BNAA
 M4 - GRVT800604BXAA
 M5 - GRVT800803BNAA
 M6 - GRVT800804CNAA
 M7 - GRVT800804CXAA
 M8 - GRVT800805CNAA
 M9 - GRVT800805CXAA
 M10 - GRVT800805DNAA
 M11 - GRVT800805DXAA
 M12 - GRVT801005CNAA
 M13 - GRVT801005CXAA

Cabinet Assembly

CABINET ASSEMBLY



CABINET ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

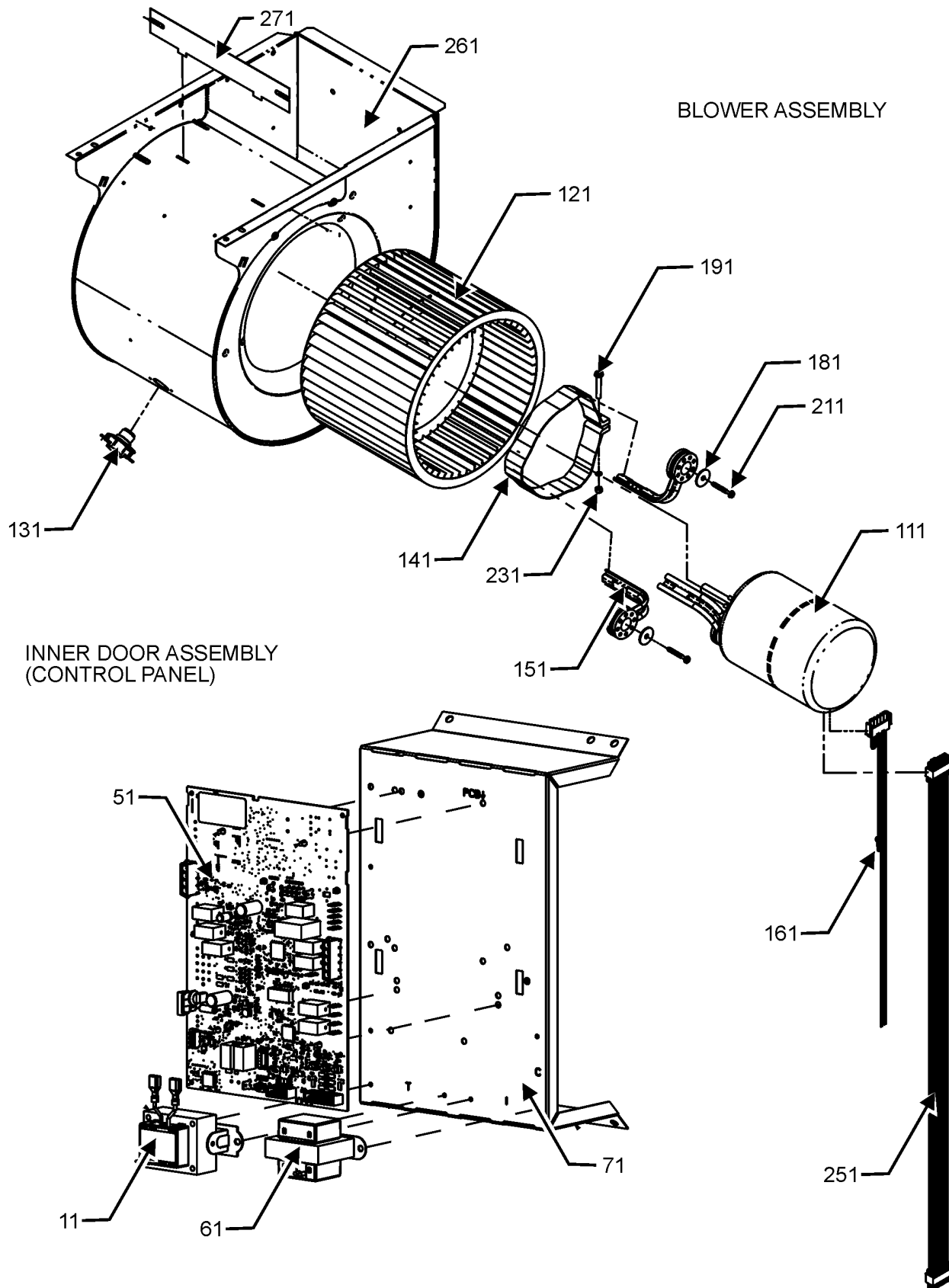
Cabinet Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
31	0121F20090DG		PNL, FURNACE TOP PNT (M10, M11)
31	0121F20093DG		PNL, FURNACE TOP PNT (M6, M7, M8, M9, M12, M13)
31	0121F20096DG		PNL, FURNACE TOP PNT (M1, M2, M3, M4, M5)
41	0121F00123DG		DOOR, BLOWER, 17.5" PAINTED (M1, M2, M3, M4, M5)
41	0121F00124DG		DOOR, BLOWER, 21"-PAINTED (M6, M7, M8, M9, M12, M13)
41	0121F00125DG		DOOR, BLOWER, 24.5"-PAINTED (M10, M11)
61	0130F00791		AIR PRESSURE SWITCH (M12, M13)
61	0130F00792		AIR PRESSURE SWITCH (M3, M4, M5, M8, M9)
61	0130F00794		AIR PRESSURE SWITCH (M6, M7)
61	0130F00795		AIR PRESSURE SWITCH (M1, M2, M10, M11)
71	B1392139		VIEW PORT BUSHING-BLOWER DOOR
91	0121F20091DG		PNL, CONTROL ACCESS DOOR PNT (M1, M2, M3, M4, M5)
91	0121F20092DG		PNL, CONTROL ACCESS DOOR PNT (M6, M7, M8, M9, M12, M13)
91	0121F20094DG		PNL, CONTROL ACCESS DOOR PNT (M10, M11)
101	4023500		CHIMNEY TRANSITION TOP
111	0121F20061		BOX JUNCTION 80%
121	0121F20060		BOX JUNCTION 90%
131	B1392147		UNIVERSAL BUSHING WITH SLICE
141	10690402		INTERLOCK SWITCH
NS	0161F00007		NAMEPLATE, GOODMAN
NS	1819001		SOLID BOTTOM 17.5" CASE (M1, M2, M3, M4, M5)
NS	1819002		SOLID BOTTOM 21" CASE (M6, M7, M8, M9, M12, M13)
NS	1819003		SOLID BOTTOM 24.5" CASE (M10, M11)

Expanded Model Nomenclature

M1 - GRVT800603BNAA
M2 - GRVT800603BXAA
M3 - GRVT800604BNAA
M4 - GRVT800604BXAA
M5 - GRVT800803BNAA
M6 - GRVT800804CNAA
M7 - GRVT800804CXAA
M8 - GRVT800805CNAA
M9 - GRVT800805CXAA
M10 - GRVT800805DNAA
M11 - GRVT800805DXAA
M12 - GRVT801005CNAA
M13 - GRVT801005CXAA

Blower and Control Panel Assembly



BLOWER AND INNER DOOR ASSEMBLY MAY DIFFER FROM WHAT IS SHOWN

Blower and Control Panel Assembly

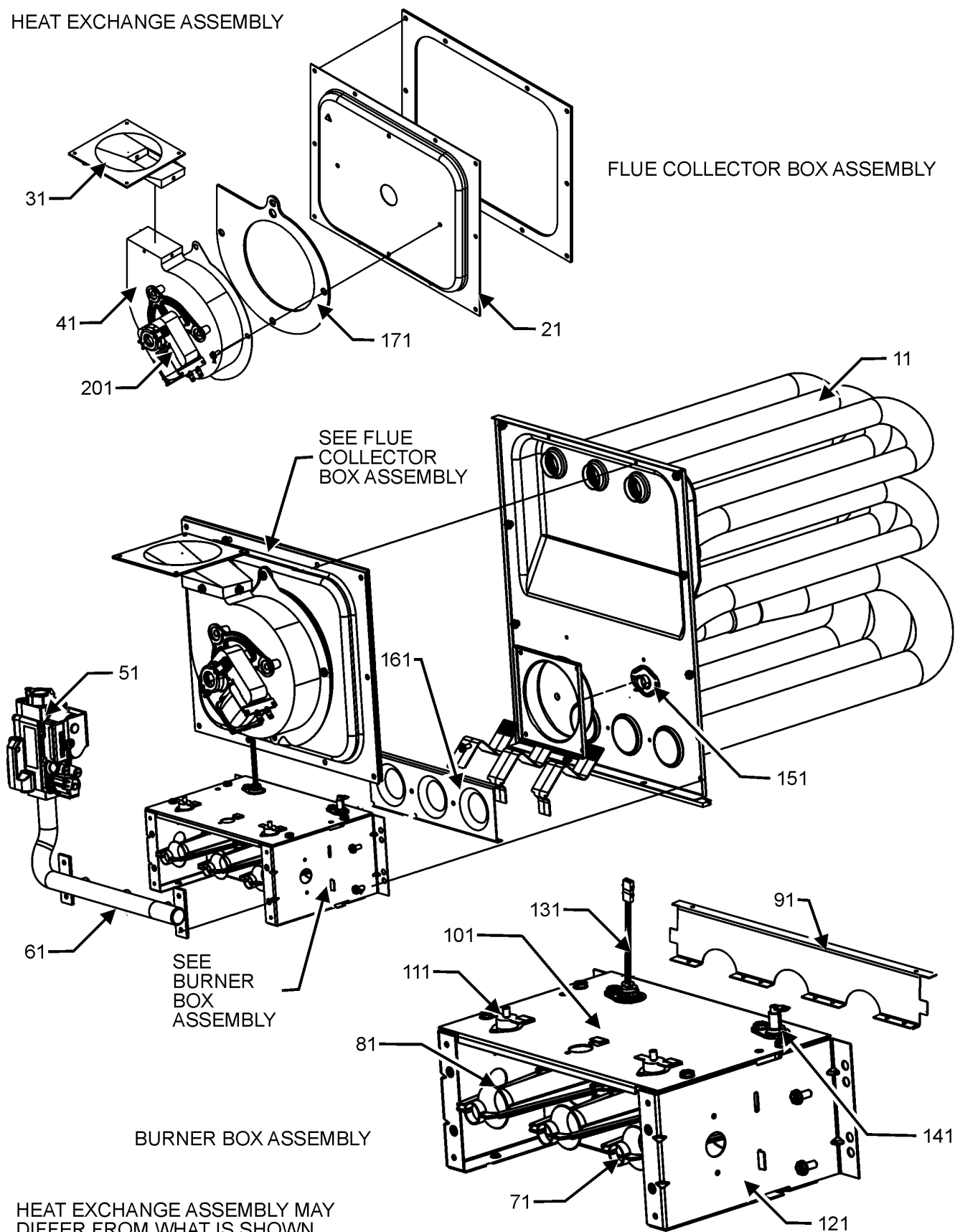
Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
Image 1:			
11	0130M00140		TRANSFORMER,(120V TO 24V,40VA,
51	PCBKF321		PCB, CONTROL BOARD
61	0130M00141		INDUCTOR, 5.9 AMPS (M3, M4, M6, M7, M8, M9, M10, M11, M12, M13)
71	0121F00802		MOUNTING PANEL, CONTROLS
111	0131M01002		MOTOR, 1/2 HP (M1, M2, M5, M6, M7)
111	0131M01003		MOTOR, 3/4 HP (M3, M4, M8, M9, M10, M11, M12, M13)
121	B1368047		BLOWER WHEEL (10 X 10) (M8, M9, M12, M13)
121	0150M00043		WHEEL, BLOWER (10 X 8) (M1, M2, M5)
121	B1368016		WHEEL, BLOWER, 10X8 (M3, M4)
131	0130F00038		LIMIT, AUX
141	0121M00038		MOTOR MOUNT BAND (M1, M2, M3, M4, M5)
141	0121M00039		MOUNT BAND, MOTOR (HEAVY DUTY) (M6, M7, M8, M9, M10, M11, M12, M13)
151	0171M00012		MOTOR MOUNT ARM (M1, M2, M3, M4, M5)
151	0163M00538		MOUNT ARM, MOTOR (M6, M7, M8, M9, M10, M11, M12, M13)
161	0259F00049		HARNESS, POWER
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	0259M00008		WIRE HARNESS
261	0271F00303		BLOWER SHELL & WHEEL (M6, M7, M10, M11)
261	0271F00111		BLOWER SHELL ASSY (M1, M2, M3, M4, M5)
261	0271F00112		BLOWER SHELL ASSY (M8, M9, M12, M13)
271	764741		BLWR BLK-OFF,10X10 (M8, M9, M12, M13)
271	764740		BLWR BLK-OFF,10X8 (M1, M2, M3, M4, M5)
NS	SHARED DATA		Available thru CoolCloud HVAC app.
NS	0259F00024		WIRE HARNESS-BLOWER (M6, M7, M10, M11)

Expanded Model Nomenclature

M1 - GRVT800603BNAA
 M2 - GRVT800603BXAA
 M3 - GRVT800604BNAA
 M4 - GRVT800604BXAA
 M5 - GRVT800803BNAA
 M6 - GRVT800804CNAA
 M7 - GRVT800804CXAA
 M8 - GRVT800805CNAA
 M9 - GRVT800805CXAA
 M10 - GRVT800805DNAA
 M11 - GRVT800805DXAA
 M12 - GRVT801005CNAA
 M13 - GRVT801005CXAA

Heat Exchange Assembly

HEAT EXCHANGE ASSEMBLY



Heat Exchange Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

11	0270F00902	HEAT EXCHANGER ASSY (M5)
11	0270F00903	HEAT EXCHANGER ASSY (M12, M13)
11	0270F00929	HEAT EXCHANGER ASSY (M1, M2, M3, M4)
11	0270F00930	HEAT EXCHANGER ASSY (M6, M7, M8, M9)
11	0270F02961	HEAT EXCHANGER ASSY (M10, M11)
21	0121F00328	17.5" COLLECTOR BOX 1.250" DIA (M1, M2)
21	0121F00332	17.5" COLLECTOR BOX 1.375" DIA (M3, M4)
21	0121F00334	21" COLLECTOR BOX 1.625" DIA (M10, M11)
21	0121F00333	21" COLLECTOR BOX 1.75" DIA (M12, M13)
21	0121F00336	21" FLUE COLLECTOR BOX 1.50" (M8, M9)
21	0121F00655	COLLECTOR BOX 17.5" 1.437 DIA (M5)
21	0121F00659	COLLECTOR BOX 21" 1.40 DIA (M6, M7)
31	0128F00006	TRANSITION, BOTTOM
41	0131M00781P	MOTOR, VENT 2-STAGE
51	0151M00027	GAS VALVE
61	0120F00007	MANIFOLD (M1, M2, M3, M4)
61	0120F00008	MANIFOLD (M5, M6, M7, M8, M9, M10, M11)
61	0120F00009	MANIFOLD (M12, M13)
71	10716005	ORIFICE (QTY 3)
81	B4022700	INSHOT BURNER ASSY 3" (QTY 3)
91	0121F00168	BURNER BRACKET 3B (M1, M2, M3, M4)
91	0121F00169	BURNER BRACKET 4B (M5, M6, M7, M8, M9, M10, M11)
91	0121F00170	BURNER BRACKET 5B (M12, M13)
101	0121F00759	TOP, BURNER BOX 3 CELL (M1, M2, M3, M4)
101	0121F00760	TOP, BURNER BOX 4 CELL (M5, M6, M7, M8, M9, M10, M11)
101	0121F00761	TOP, BURNER BOX 5 CELL (M12, M13)
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	0130M00063	LIMIT, PRIMARY (M3, M4, M8, M9)
151	20162903	LIMIT, PRIMARY (M1, M2)
151	20162904	LIMIT, PRIMARY (M5, M6, M7, M10, M11)
151	20162905	LIMIT, PRIMARY (M12, M13)
161	4028001	ORIFICE SHIELD 3 CELL (M1, M2, M3, M4)
161	4028002	ORIFICE SHIELD 4 CELL (M5, M6, M7, M8, M9, M10, M11)
161	4028003	ORIFICE SHIELD 5 CELL (M12, M13)
171	0154F00004	VENT MOTOR GASKET 17.5" (M1, M2, M3, M4, M5)
171	0154F00005	VENT MOTOR GASKET 21" (M6, M7, M8, M9, M10, M11, M12, M13)
201	DY6.186.070	VENT MOTOR CAPACITOR
NS	0259F00062	INDUCER HARNESS ASSY
NS	0270K20000	SEALING KIT
NS	0259F20006	WIRE HARNESS ASSY
NS	0259F20008	WIRE HARNESS ASSY
NS	0259F20009	WIRE HARNESS ASSY
NS	0259F20010	WIRE HARNESS ASSY

Expanded Model Nomenclature

M1 - GRVT800603BNAA
M2 - GRVT800603BXAA
M3 - GRVT800604BNAA
M4 - GRVT800604BXAA
M5 - GRVT800803BNAA
M6 - GRVT800804CNAA
M7 - GRVT800804CXAA
M8 - GRVT800805CNAA
M9 - GRVT800805CXAA
M10 - GRVT800805DNAA
M11 - GRVT800805DXAA
M12 - GRVT801005CNAA
M13 - GRVT801005CXAA