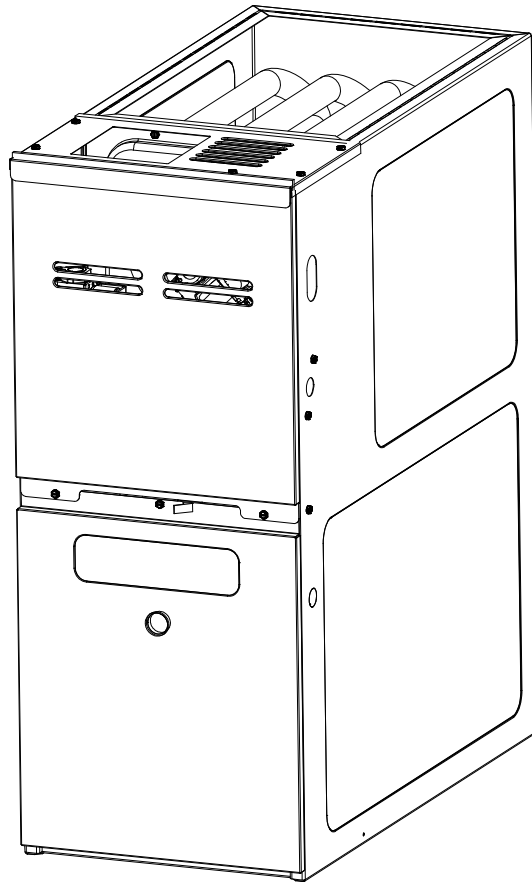


**GMH8 80% Upflow Hybrid Furnace**

GMH80453ANCC  
GMH80453AXCC  
GMH80703ANCC  
GMH80703AXCC  
GMH80704BNCC  
GMH80704BXCC  
GMH80903BNCC  
GMH80904BNCC  
GMH80904BXCC  
GMH80905CNCC  
GMH80905CXCC  
GMH81155CNCC  
GMH81155CXCC  
GMH81405DNCC  
GMH81405DXCC



This manual is to be used by qualified technicians only.

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# Important Information

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Illustration and Parts .....	4 - 11

*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.

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For assistance within the U.S.A. contact:  
Consumer Affairs Department  
Goodman Manufacturing Company, L.P.  
7401 Security Way  
Houston, Texas 77040  
877-254-4729-Telephone  
713-863-2382-Facsimile

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International Division  
Goodman Manufacturing Company, L.P.  
7401 Security Way  
Houston, Texas 77040  
713-861-2500-Telephone  
713-863-2382-Facsimile

# Functional Parts

## Part

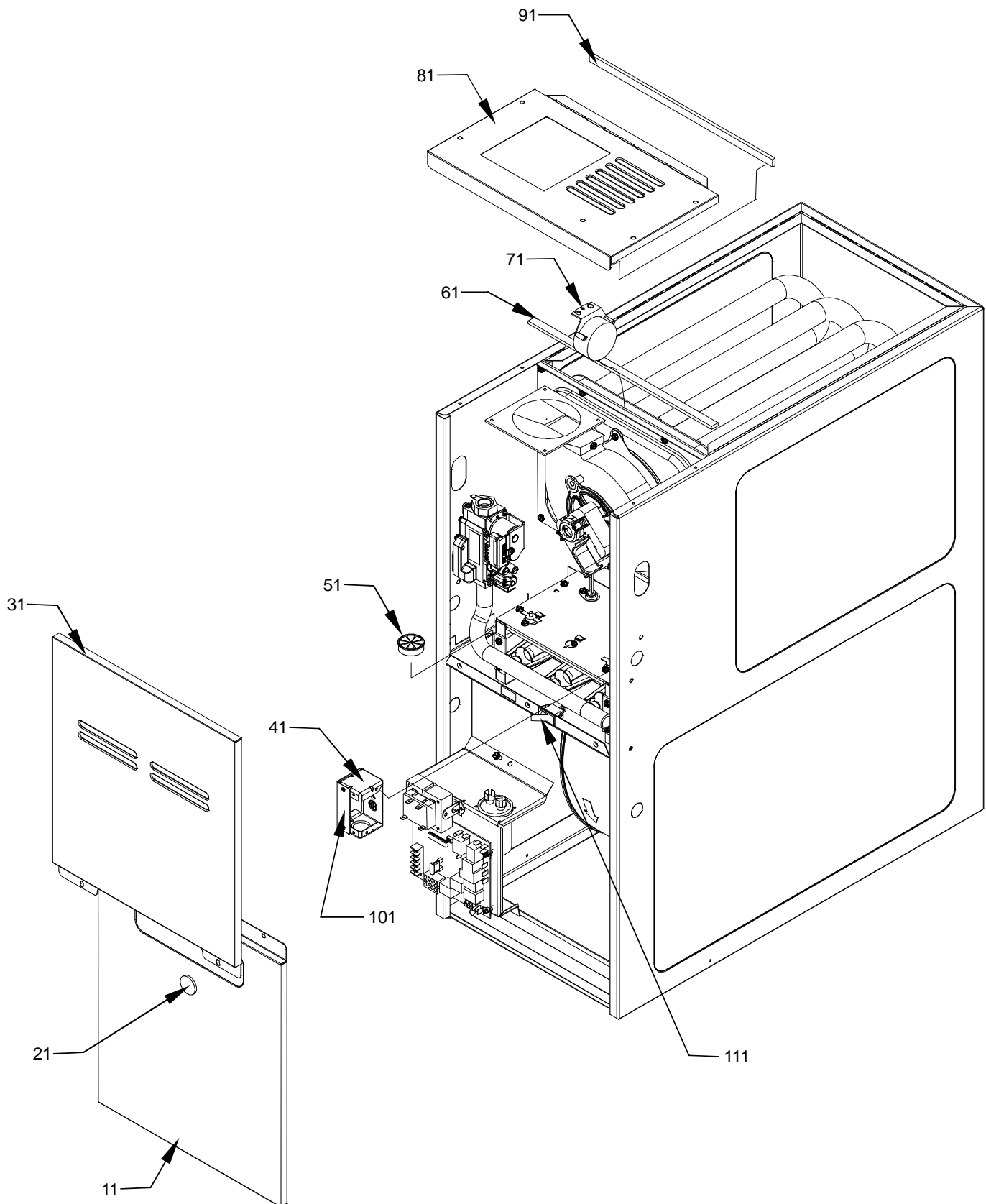
## No: Description:

Part No:	Description:	IO-359E	INSTR, INSTALL & OPER															
0131F00022	BLOWER MOTOR 1/2 HP, 4 SP, 6 PL (M5, M6, M8, M9, M10, M11, M12, M13)	0259F00050	KIT, WIRE HYBRID FURN															
0131F00020	BLOWER MOTOR 1/3 HP, 4 SP, 6 PL (M7)	Expanded Model Nomenclature																
0131F00021	BLOWER MOTOR 1/3HP, 4SP, 6PL (M1, M2, M3, M4)	<table border="1"> <tr><td>M1 - GMH80453ANCC</td></tr> <tr><td>M2 - GMH80453AXCC</td></tr> <tr><td>M3 - GMH80703ANCC</td></tr> <tr><td>M4 - GMH80703AXCC</td></tr> <tr><td>M5 - GMH80704BNCC</td></tr> <tr><td>M6 - GMH80704BXCC</td></tr> <tr><td>M7 - GMH80903BNCC</td></tr> <tr><td>M8 - GMH80904BNCC</td></tr> <tr><td>M9 - GMH80904BXCC</td></tr> <tr><td>M10 - GMH80905CNCC</td></tr> <tr><td>M11 - GMH80905CXCC</td></tr> <tr><td>M12 - GMH81155CNCC</td></tr> <tr><td>M13 - GMH81155CXCC</td></tr> <tr><td>M14 - GMH81405DNCC</td></tr> <tr><td>M15 - GMH81405DXCC</td></tr> </table>		M1 - GMH80453ANCC	M2 - GMH80453AXCC	M3 - GMH80703ANCC	M4 - GMH80703AXCC	M5 - GMH80704BNCC	M6 - GMH80704BXCC	M7 - GMH80903BNCC	M8 - GMH80904BNCC	M9 - GMH80904BXCC	M10 - GMH80905CNCC	M11 - GMH80905CXCC	M12 - GMH81155CNCC	M13 - GMH81155CXCC	M14 - GMH81405DNCC	M15 - GMH81405DXCC
M1 - GMH80453ANCC																		
M2 - GMH80453AXCC																		
M3 - GMH80703ANCC																		
M4 - GMH80703AXCC																		
M5 - GMH80704BNCC																		
M6 - GMH80704BXCC																		
M7 - GMH80903BNCC																		
M8 - GMH80904BNCC																		
M9 - GMH80904BXCC																		
M10 - GMH80905CNCC																		
M11 - GMH80905CXCC																		
M12 - GMH81155CNCC																		
M13 - GMH81155CXCC																		
M14 - GMH81405DNCC																		
M15 - GMH81405DXCC																		
20046618S	BLOWER MOTOR 3/4 HP (M14, M15)																	
D6723311S	BLOWER WHEEL (M14, M15)																	
B1368047A	BLOWER WHEEL 10 X 10 (M10, M11, M12, M13)																	
B1368034S	BLOWER WHEEL 10 X 6 (M1, M2, M3, M4)																	
B1368016S	BLOWER WHEEL 10 X 8 (M5, M6, M8, M9)																	
B1368058S	BLOWER WHEEL 10 X 8 (M7)																	
CAP125000370RPS	CAPACITOR 12.5/370V (M1, M2, M3, M4, M7)																	
CAP200000440RPS	CAPACITOR 20/370V (M5, M6, M8, M9, M10, M11, M12, M13)																	
CAP250000370RPS	CAPACITOR 25/370V (M14, M15)																	
0130F00010	FLAME SENSOR																	
0151M00014	GAS VALVE - HONEYWELL 2-STAGE																	
PCBBF122S	IGNITION BOARD, HSI INTEGRATED 2-STG																	
B4022700	INSHOT BURNER ASSY 3" (QTY AR)																	
B1370818	INTERLOCK SWITCH																	
10123529	MANUAL RESET LIMIT (QTY 2)																	
10716003	ORIFICE (QTY AR)																	
0130F00041	PRESSURE SWITCH (M12, M13)																	
0130F00042	PRESSURE SWITCH (M14, M15)																	
B1370179	PRESSURE SWITCH (M5, M6, M7, M8, M9, M10, M11)																	
B1370158	PRESSURE SWITCH -0.70" WC (M1, M2, M3, M4)																	
20162903	PRIMARY LIMIT - BLUE (M8, M9, M14, M15)																	
0130F00038	PRIMARY LIMIT - LT BLUE 120°																	
0130F00036	PRIMARY LIMIT - PINK (M12, M13)																	
0130F00035	PRIMARY LIMIT - PURPLE 220° (M1, M2)																	
20162906	PRIMARY LIMIT - WHITE (M3, M4, M5, M6, M7, M10, M11)																	
0130F00008S	SINI IGNITOR																	
B1141605	TRANSFORMER 120V TO 24V, 40 VA																	
0131M00002S	VENT MOTOR																	

## SPECIAL PARTS

0259F00053	12-PIN WIRE HARNESS ASSY
0161F00007	GOODMAN NAMEPLATE
HI-115B	HOMEOWNERS INSTRUCTIONS
0259F00051	IGNITOR WIRE HARNESS ASSY
IO-669	INSTALL-HUMIDIFIER

# Cabinet



# Cabinet

**Ref. Part  
No: No:**

**Description:**

**Ref. Part  
No: No:**

**Description:**

*Image 1:*

11	0121F00122DGS	BLOWER ACCESS DOOR 14" (M1, M2, M3, M4)
11	0121F00123DGS	BLOWER ACCESS DOOR 17.5" (M5, M6, M7, M8, M9)
11	0121F00124DGS	BLOWER ACCESS DOOR 21" (M10, M11, M12, M13)
11	0121F00125DG	BLOWER ACCESS DOOR 24.5" (M14, M15)
21	B1392139	VIEW PORT BUSHING-BLOWER DOOR
31	0121F00120DGS	CONTROL ACCESS DOOR 21" (M10, M11, M12, M13)
31	0121F00118DGS	CONTROL ACCESS DOOR 14" (M1, M2, M3, M4)
31	0121F00119DGS	CONTROL ACCESS DOOR 17.5" (M5, M6, M7, M8, M9)
31	0121F00121DGS	CONTROL ACCESS DOOR 24.5" (M14, M15)
41	4014502	J-BOX
51	B1392147	UNIVERSAL BUSHING WITH SLICE
61	B13926111	SEAL STRIP, 1/8 X 1/2 X 14 (M1, M2, M3, M4)
61	B13926112	SEAL STRIP, 1/8 X 1/2 X 17.5 (M5, M6, M7, M8, M9)
61	B13926113	SEAL STRIP, 1/8 X 1/2 X 21 (M10, M11, M12, M13)
61	B13926114	SEAL STRIP, 1/8 X 1/2 X 24.5 (M14, M15)
71	0130F00041	PRESSURE SWITCH (M12, M13)
71	0130F00042	PRESSURE SWITCH (M14, M15)
71	B1370179	PRESSURE SWITCH (M5, M6, M7, M8, M9, M10, M11)
71	B1370158	PRESSURE SWITCH -0.70" WC (M1, M2, M3, M4)
81	0121F00141DG	TOP 14" (M1, M2, M3, M4)
81	0121F00142DG	TOP 17.5" (M5, M6, M7, M8, M9)
81	0121F00143DG	TOP 21" (M10, M11, M12, M13)
81	0121F00144DG	TOP 24.5" (M14, M15)
91	B13926111	SEAL STRIP, 1/8 X 1/2 X 14
101	4015502	J-BOX COVER
111	B1370818	INTERLOCK SWITCH
NS	0259F00053	12-PIN WIRE HARNESS ASSY
NS	0161F00007	GOODMAN NAMEPLATE
NS	0259F00051	IGNITOR WIRE HARNESS ASSY
NS	0259F00050	KIT, WIRE HYBRID FURN
NS	0270K00015	SOLID BOTTOM 14" CASE (M1, M2, M3, M4)
NS	0270K00016	SOLID BOTTOM 17.5" CASE (M5, M6, M7, M8, M9)
NS	0270K00017	SOLID BOTTOM 21" CASE (M10, M11, M12, M13)
NS	0270K00018	SOLID BOTTOM 24.5" CASE (M14, M15)

Expanded Model Nomenclature

M1 - GMH80453ANCC
M2 - GMH80453AXCC
M3 - GMH80703ANCC
M4 - GMH80703AXCC
M5 - GMH80704BNCC
M6 - GMH80704BXCC
M7 - GMH80903BNCC
M8 - GMH80904BNCC
M9 - GMH80904BXCC
M10 - GMH80905CNCC
M11 - GMH80905CXCC
M12 - GMH81155CNCC
M13 - GMH81155CXCC
M14 - GMH81405DNCC
M15 - GMH81405DXCC

# Heat Exchanger Assembly

Image 1

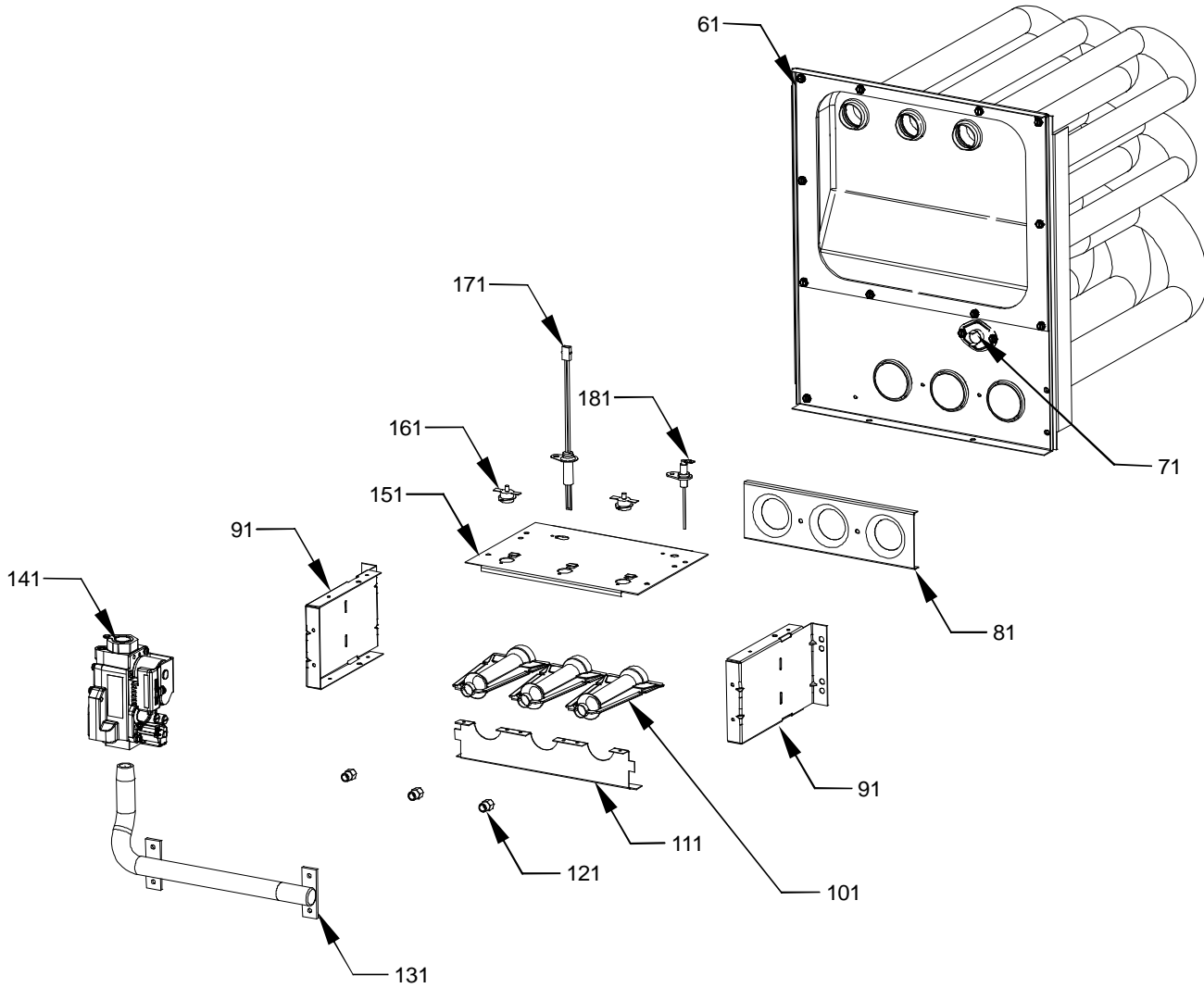
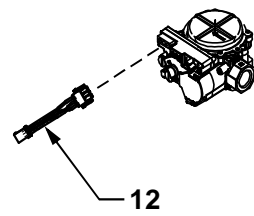


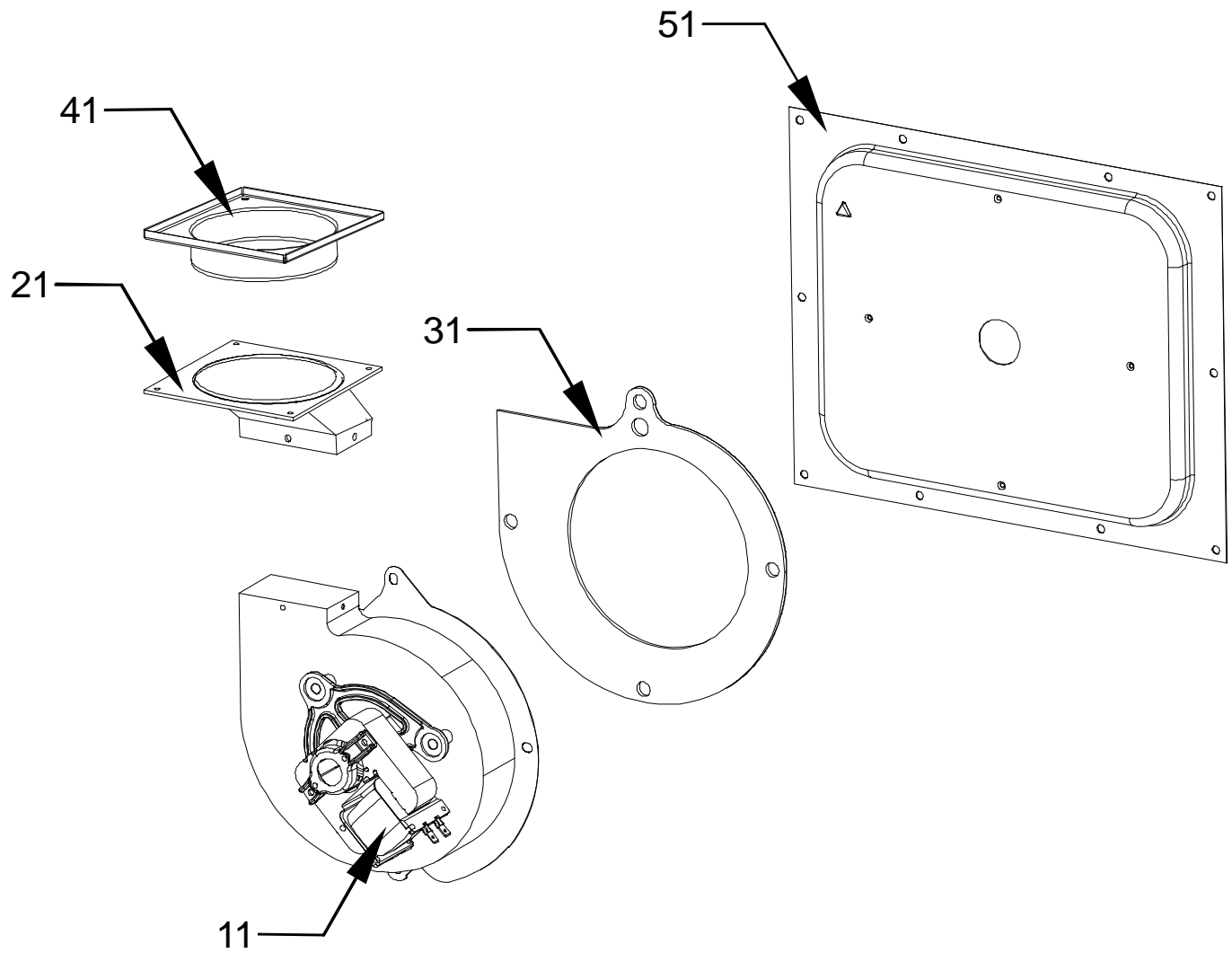
Image 2



# Heat Exchanger Assembly

Ref. Part No:	No:	Description:	Ref. Part No:	No:	Description:
<i>Image 1:</i>			Expanded Model Nomenclature		
61	0270F00900	HEAT EXCHANGER ASSY (M1, M2)	M1	-	GMH80453ANCC
61	0270F00901	HEAT EXCHANGER ASSY (M3, M4)	M2	-	GMH80453AXCC
61	0270F00902	HEAT EXCHANGER ASSY (M7, M8, M9)	M3	-	GMH80703ANCC
61	0270F00903	HEAT EXCHANGER ASSY (M12, M13)	M4	-	GMH80703AXCC
61	0270F00904	HEAT EXCHANGER ASSY (M14, M15)	M5	-	GMH80704BNCC
61	0270F00929	HEAT EXCHANGER ASSY (M5, M6)	M6	-	GMH80704BXCC
61	0270F00930	HEAT EXCHANGER ASSY (M10, M11)	M7	-	GMH80903BNCC
71	20162903	PRIMARY LIMIT - BLUE (M8, M9, M14, M15)	M8	-	GMH80904BNCC
71	0130F00036	PRIMARY LIMIT - PINK (M12, M13)	M9	-	GMH80904BXCC
71	0130F00035	PRIMARY LIMIT - PURPLE 220° (M1, M2)	M10	-	GMH80905CNCC
71	20162906	PRIMARY LIMIT - WHITE (M3, M4, M5, M6, M7, M10, M11)	M11	-	GMH80905CXCC
81	4028000	ORIFICE SHIELD 2 CELL (M1, M2)	M12	-	GMH81155CNCC
81	4028001	ORIFICE SHIELD 3 CELL (M3, M4, M5, M6)	M13	-	GMH81155CXCC
81	4028002	ORIFICE SHIELD 4 CELL (M7, M8, M9, M10, M11)	M14	-	GMH81405DNCC
81	4028003	ORIFICE SHIELD 5 CELL (M12, M13)	M15	-	GMH81405DXCC
81	4028004	ORIFICE SHIELD 6 CELL (M14, M15)			
91	0121F00146	BURNER BOX SIDE (QTY 2)			
101	B4022700	INSHOT BURNER ASSY 3" (QTY AR)			
111	0121F00167	BURNER BRACKET 2B (M1, M2)			
111	0121F00168	BURNER BRACKET 3B (M3, M4, M5, M6)			
111	0121F00169	BURNER BRACKET 4B (M7, M8, M9, M10, M11)			
111	0121F00170	BURNER BRACKET 5B (M12, M13)			
111	0121F00171	BURNER BRACKET 6B (M14, M15)			
121	10716003	ORIFICE (QTY AR)			
131	0120F00006	MANIFOLD (M1, M2)			
131	0120F00007	MANIFOLD (M3, M4)			
131	0120F00008	MANIFOLD (M7, M8, M9)			
131	0120F00009	MANIFOLD (M12, M13)			
131	0120F00010	MANIFOLD (M14, M15)			
131	0120F00017	MANIFOLD (M5, M6)			
131	0120F00018	MANIFOLD (M10, M11)			
141	0151M00014	GAS VALVE - HONEYWELL 2-STAGE			
151	0121F00162	BURNER BOX TOP 2 CELL (M1, M2)			
151	0121F00163	BURNER BOX TOP 3 CELL (M3, M4, M5, M6)			
151	0121F00164	BURNER BOX TOP 4 CELL (M7, M8, M9, M10, M11)			
151	0121F00165	BURNER BOX TOP 5 CELL (M12, M13)			
151	0121F00166	BURNER BOX TOP 6 CELL (M14, M15)			
161	10123529	MANUAL RESET LIMIT (QTY 2)			
171	0130F00008S	SINI IGNITOR			
181	0130F00010	FLAME SENSOR			
<i>Image 2:</i>					
12	0259M00004	WIRE HARNESS, ADAPTOR			

# Collector Box Assembly





# Collector Box Assembly

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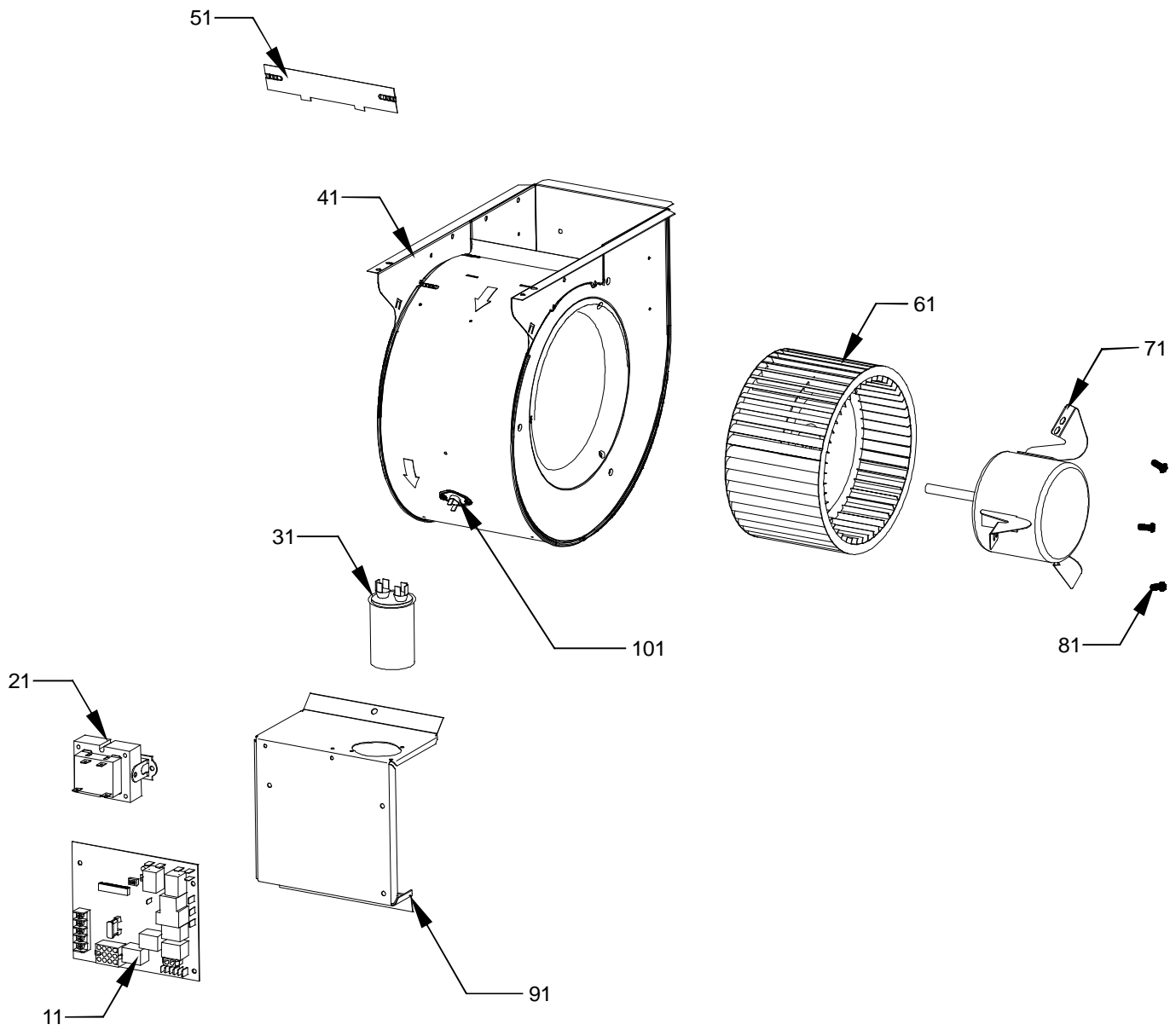
Image 1:

11	0131M00002S	VENT MOTOR
21	0128F00006	CHIMNEY TRANSITION BOTTOM
31	0154F00003	VENT MOTOR GASKET 14" (M1, M2, M3, M4)
31	0154F00004	VENT MOTOR GASKET 17.5" (M5, M6, M7, M8, M9)
31	0154F00005	VENT MOTOR GASKET 21" (M10, M11, M12, M13)
31	0154F00006	VENT MOTOR GASKET 24.5" (M14, M15)
41	4023500	CHIMNEY TRANSITION TOP
51	0121F00126	FLUE COLLECTOR BOX KIT 14" 1.25 DIA (M1, M2)
51	0121F00127	FLUE COLLECTOR BOX KIT 14" 2.0 DIA (M3, M4)
51	0121F00128	FLUE COLLECTOR BOX KIT 17.5" 1.75 DIA (M5, M6)
51	0121F00161	FLUE COLLECTOR BOX KIT 17.5" 2.0 DIA (M7, M8, M9)
51	0121F00130	FLUE COLLECTOR BOX KIT 21" 2.25 DIA (M10, M11, M12, M13)
51	0121F00131	FLUE COLLECTOR BOX KIT 24.5" 3.5 DIA (M14, M15)

Expanded Model Nomenclature

M1 - GMH80453ANCC
M2 - GMH80453AXCC
M3 - GMH80703ANCC
M4 - GMH80703AXCC
M5 - GMH80704BNCC
M6 - GMH80704BXCC
M7 - GMH80903BNCC
M8 - GMH80904BNCC
M9 - GMH80904BXCC
M10 - GMH80905CNCC
M11 - GMH80905CXCC
M12 - GMH81155CNCC
M13 - GMH81155CXCC
M14 - GMH81405DNCC
M15 - GMH81405DXCC

# Blower and Control Panel



# Blower and Control Panel

Ref. Part No:	No:	Description:	Ref. Part No:	No:	Description:
<i>Image 1:</i>					
11	PCBBF122S	IGNITION BOARD, HSI INTEGRATED 2-STG			
21	B1141605	TRANSFORMER 120V TO 24V, 40 VA			
31	CAP125000370RPS	CAPACITOR 12.5/370V (M1, M2, M3, M4, M7)			
31	CAP200000440RPS	CAPACITOR 20/370V (M5, M6, M8, M9, M10, M11, M12, M13)			
31	CAP250000370RPS	CAPACITOR 25/370V (M14, M15)			
41	2539307S	BLOWER HOUSING 10 X 10 (M10, M11, M12, M13, M14, M15)			
41	2539305S	BLOWER HOUSING 10 X 6 (M1, M2, M3, M4)			
41	2539306S	BLOWER HOUSING 10 X 8 (M5, M6, M7, M8, M9)			
51	764741F	BLOWER BLOCK-OFF 10 X 10 (M10, M11, M12, M13, M14, M15)			
51	764740F	BLOWER BLOCK-OFF 10 X 8 (M5, M6, M7, M8, M9)			
51	764739	BLOWER CUT-OFF 10 X 6 (M1, M2, M3, M4)			
61	D6723311S	BLOWER WHEEL (M14, M15)			
61	B1368047A	BLOWER WHEEL 10 X 10 (M10, M11, M12, M13)			
61	B1368034S	BLOWER WHEEL 10 X 6 (M1, M2, M3, M4)			
61	B1368016S	BLOWER WHEEL 10 X 8 (M5, M6, M8, M9)			
61	B1368058S	BLOWER WHEEL 10 X 8 (M7)			
71	0131F00022	BLOWER MOTOR 1/2 HP, 4 SP, 6 PL (M5, M6, M8, M9, M10, M11, M12, M13)			
71	0131F00020	BLOWER MOTOR 1/3 HP, 4 SP, 6 PL (M7)			
71	0131F00021	BLOWER MOTOR 1/3HP, 4SP, 6PL (M1, M2, M3, M4)			
71	20046618S	BLOWER MOTOR 3/4 HP (M14, M15)			
81	M0250558	TC SCREW (QTY 3)			
91	1815817	CONTROL MOUNT PANEL			
101	0130F00038	PRIMARY LIMIT - LT BLUE 120°			

## Expanded Model Nomenclature

- M1 - GMH80453ANCC
- M2 - GMH80453AXCC
- M3 - GMH80703ANCC
- M4 - GMH80703AXCC
- M5 - GMH80704BNCC
- M6 - GMH80704BXCC
- M7 - GMH80903BNCC
- M8 - GMH80904BNCC
- M9 - GMH80904BXCC
- M10 - GMH80905CNCC
- M11 - GMH80905CXCC
- M12 - GMH81155CNCC
- M13 - GMH81155CXCC
- M14 - GMH81405DNCC
- M15 - GMH81405DXCC

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