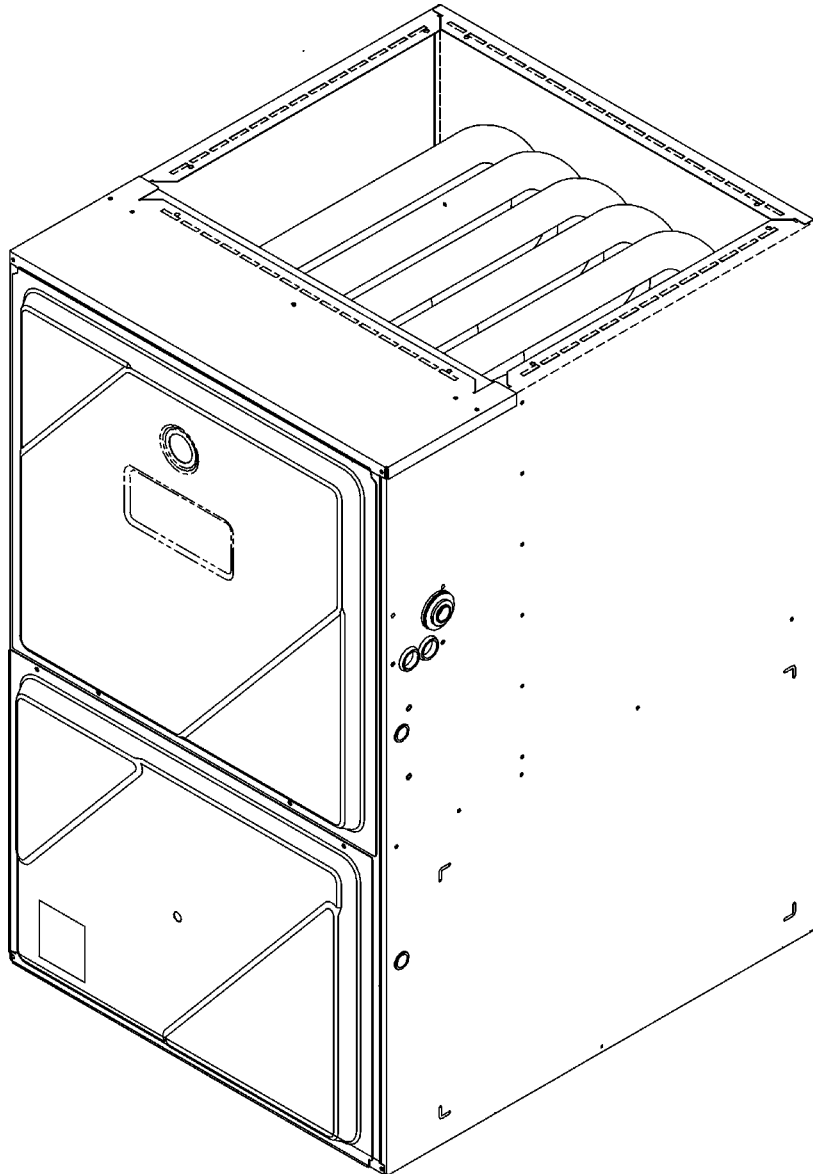


REPAIR PARTS

*CVM9 96% Modulating Furnace

ACVM960604CXAA
ACVM960604CXBA
ACVM960805DXAA
ACVM960805DXBA
GCVM960604CXAA
GCVM960604CXBA
GCVM960805DXAA
GCVM960805DXBA
GCVM961005DXAA
GCVM961005DXBA



This manual is to be used by qualified technicians only.

This manual replaces RP-654.

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Important Information

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Functional Parts List	3
Illustration and Parts	4 - 11

Views shown are for parts illustrations only, not servicing procedures.

Rev A: addition of models for the New Energy Star Program Requirement for gas furnaces.

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:
Consumer Affairs Department
Goodman Manufacturing Company, L.P.
7401 Security Way
Houston, Texas 77040
877-254-4729-Telephone
713-863-2382-Facsimile

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

D6723311	BLOWER WHEEL (M3, M4, M7, M8, M9, M10)
B1368047A	BLOWER WHEEL 10 X 10 (M1, M2, M5, M6)
0130F00010	FLAME SENSOR
0151M00024	GAS VALVE
0257F00219	HEAT EXCHANGER ASSY (M1, M2)
0257F00220	HEAT EXCHANGER ASSY (M3, M4)
0257F00224	HEAT EXCHANGER ASSY (M5, M6)
0257F00225	HEAT EXCHANGER ASSY (M7, M8)
0257F00226	HEAT EXCHANGER ASSY (M9, M10)
0130F00008	IGNITOR-SINI 17 SEC
B1141666	INDUCTOR-5.9 AMP
B1370818	INTERLOCK SWITCH
0130F00123	LIMIT, RESET MAN (QTY 2)
0131M00272	MOTOR, 1 HP, SERIAL ECM (M3, M4, M7, M8, M9, M10)
0131M00271	MOTOR, 3/4 HP, SERIAL ECM (M1, M2, M5, M6)
0131F00024	MOTOR, ID BLOWER
PCBKF200	PCB, CONTROL, FURNACE
0130F00155	PRESSURE SWITCH (M3, M4, M7, M8)
0130F00156	PRESSURE SWITCH (M1, M2, M5, M6)
0130F00154	PRESSURE SWITCH (M9, M10)
0130F00070	PRESSURE SWITCH
20162907	PRIMARY LIMIT (M1, M2, M5, M6)
20162903	PRIMARY LIMIT - BLUE (M9, M10)
0130F00038	PRIMARY LIMIT - LT BLUE 120° (QTY 2)
20162905	PRIMARY LIMIT-YELLOW (M3, M4, M7, M8)
B1141605	TRANSFORMER 120V TO 24V, 40 VA

SPECIAL PARTS

0161M00003P	AMANA NAMEPLATE (M1, M2, M3, M4)
0161F00000P	GOODMAN NAMEPLATE (M5, M6, M7, M8, M9, M10)

Expanded Model Nomenclature

M1 - ACVM960604CXAA
M2 - ACVM960604CXBA
M3 - ACVM960805DXAA
M4 - ACVM960805DXBA
M5 - GCV960604CXAA
M6 - GCV960604CXBA
M7 - GCV960805DXAA
M8 - GCV960805DXBA
M9 - GCV961005DXAA
M10 - GCV961005DXBA

Cabinet

Image 1

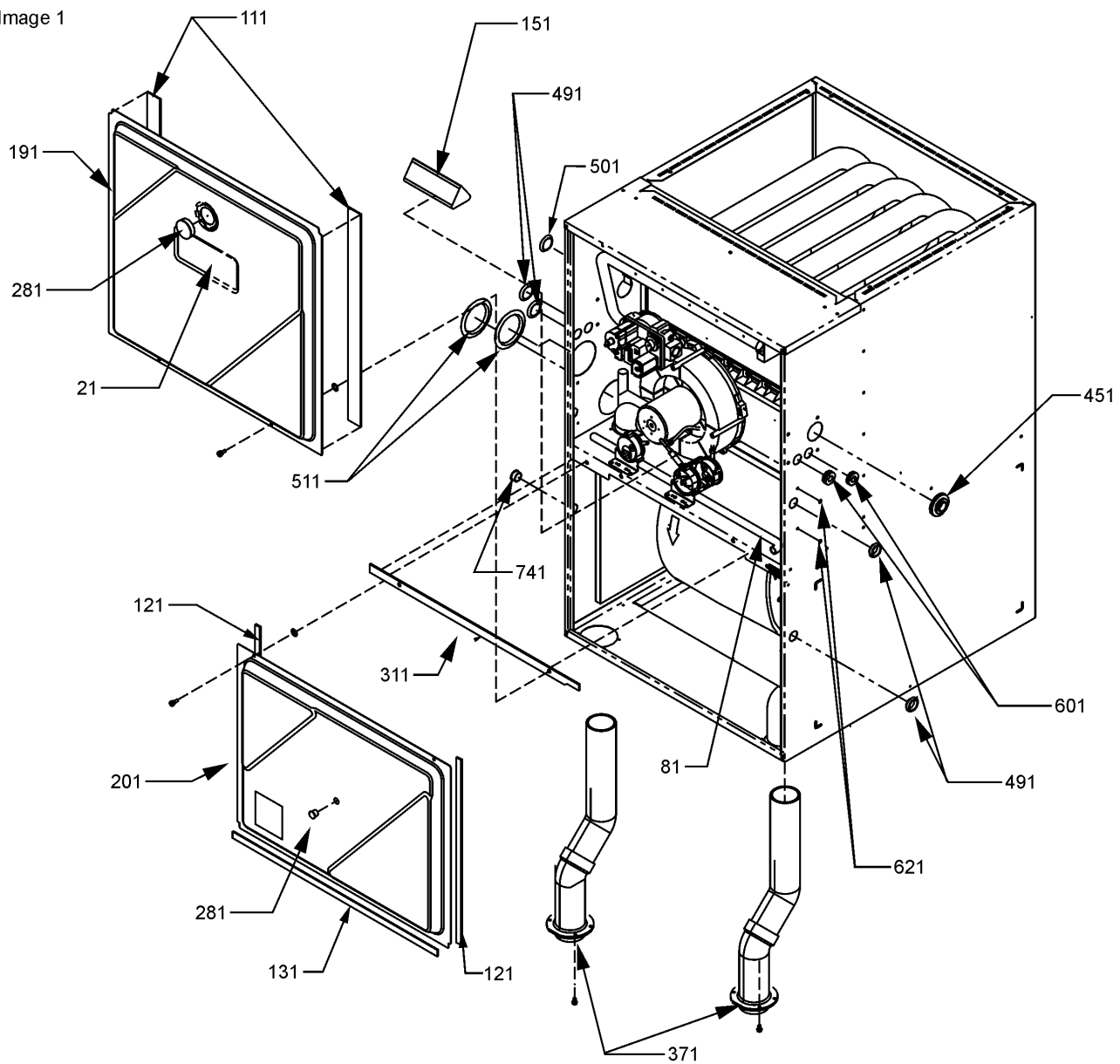
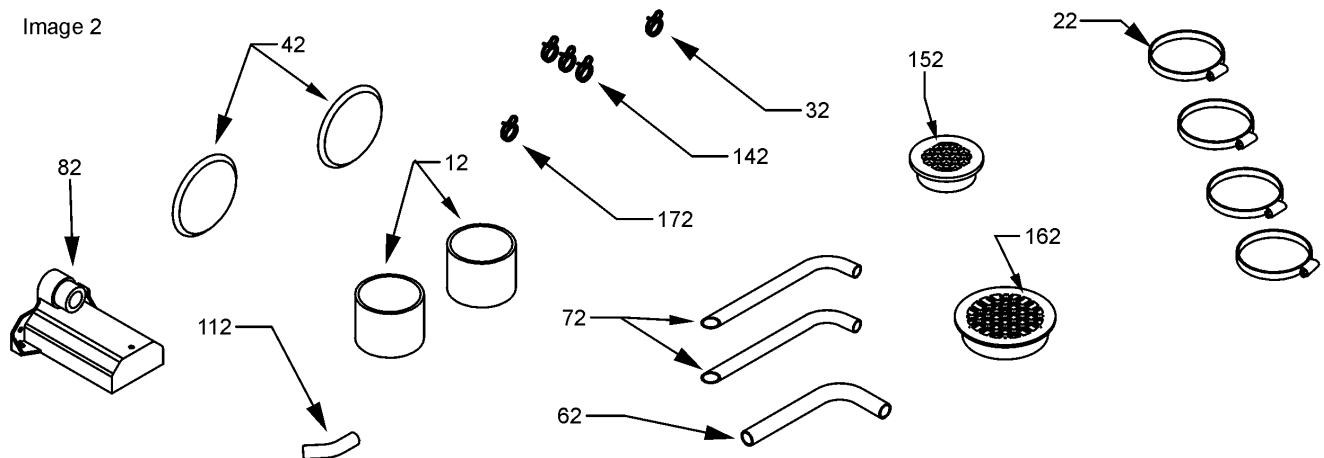


Image 2



Cabinet

**Ref. Part
No: No:**

Description:

**Ref. Part
No: No:**

Description:

Image 1:

21	0161M00003P	AMANA NAMEPLATE (M1, M2, M3, M4)
21	0161F00000P	GOODMAN NAMEPLATE (M5, M6, M7, M8, M9, M10)
81	20201902	DRAIN HOSE
111	20179308	GASKET (QTY 2)
121	20179311	GASKET (QTY 2)
131	20179312	GASKET (M1, M2, M5, M6)
131	20179313	GASKET (M3, M4, M7, M8, M9, M10)
151	10195518	STANDPIPE BAG ASSY
191	0121F00067LG	ACCESS DOOR (M1, M2)
191	0121F00068LG	ACCESS DOOR (M3, M4)
191	0121F00073DG	ACCESS DOOR (M5, M6)
191	0121F00074DG	ACCESS DOOR (M7, M8, M9, M10)
201	0121F00064LG	BLOWER DOOR (M1, M2)
201	0121F00065LG	BLOWER DOOR (M3, M4)
201	0121F00070DG	BLOWER DOOR (M5, M6)
201	0121F00071DG	BLOWER DOOR (M7, M8, M9, M10)
281	B1392139	VIEW PORT BUSHING-BLOWER DOOR (QTY 2)
311	22320002	DECK GASKET (M1, M2, M5, M6)
311	22320003	DECK GASKET (M3, M4, M7, M8, M9, M10)
371	22309502	FLUE PIPE (QTY 2)
451	M0501301	PIPE GROMMET
491	M0570808	BUTTON PLUG (QTY 4)
501	M0570806	BUTTON PLUG
511	M0570807	BUTTON PLUG (QTY 2)
601	A4691701	GROMMET (QTY 2)
621	M0310345	BUTTON PLUG (QTY 2)
741	B1392104	UNIVERSAL BUSHING UB 875

Image 2:

22	0163M00049	HOSE CLAMP (QTY 2)
32	M0119207	HOSE CLAMP
42	M0570807	BUTTON PLUG (QTY 2)
62	20201901	DRAIN HOSE
72	20201802	DRAIN TUBE (QTY 2)
82	20171701	DRAIN TRAP
112	20214202	DRAIN ANGLE
142	M0119205	HOSE CLAMP (QTY 3)
152	B2810816	2" MESH INSERT
162	B2810814	3" MESH INSERT
172	M0119206	HOSE CLAMP

Expanded Model Nomenclature

M1 - ACVM960604CXAA
M2 - ACVM960604CXBA
M3 - ACVM960805DXAA
M4 - ACVM960805DXBA
M5 - GCV960604CXAA
M6 - GCV960604CXBA
M7 - GCV960805DXAA
M8 - GCV960805DXBA
M9 - GCV961005DXAA
M10 - GCV961005DXBA

Blower Assembly

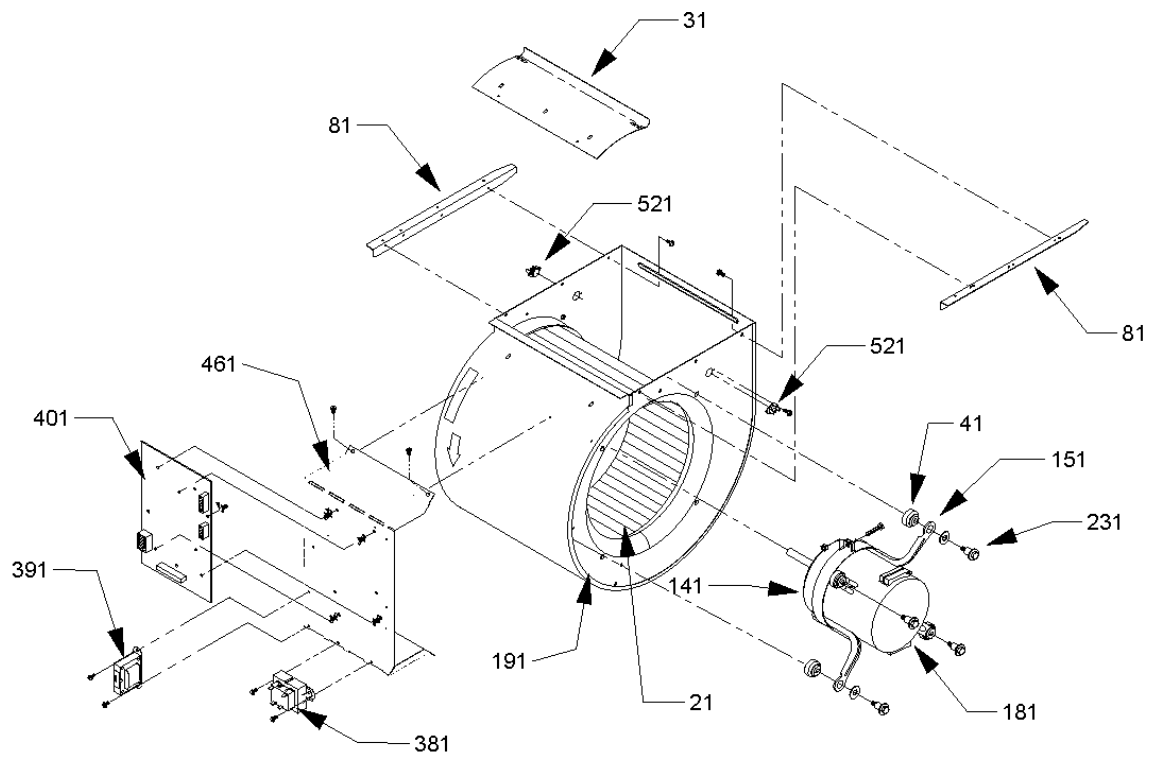
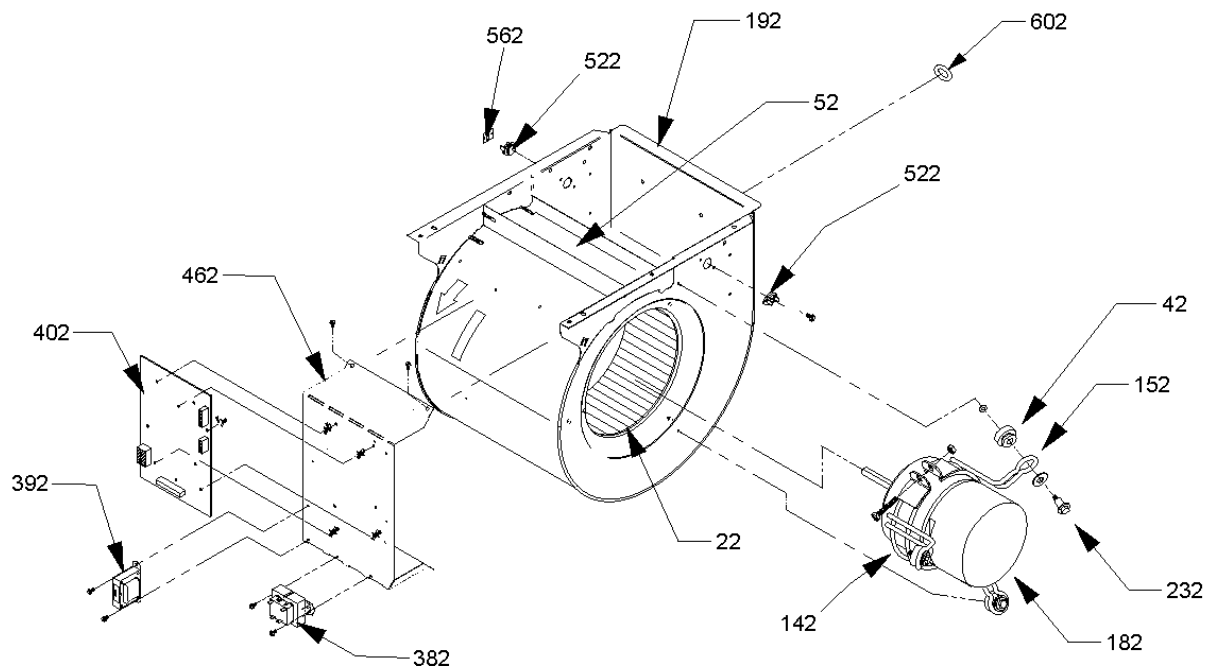


Image 1

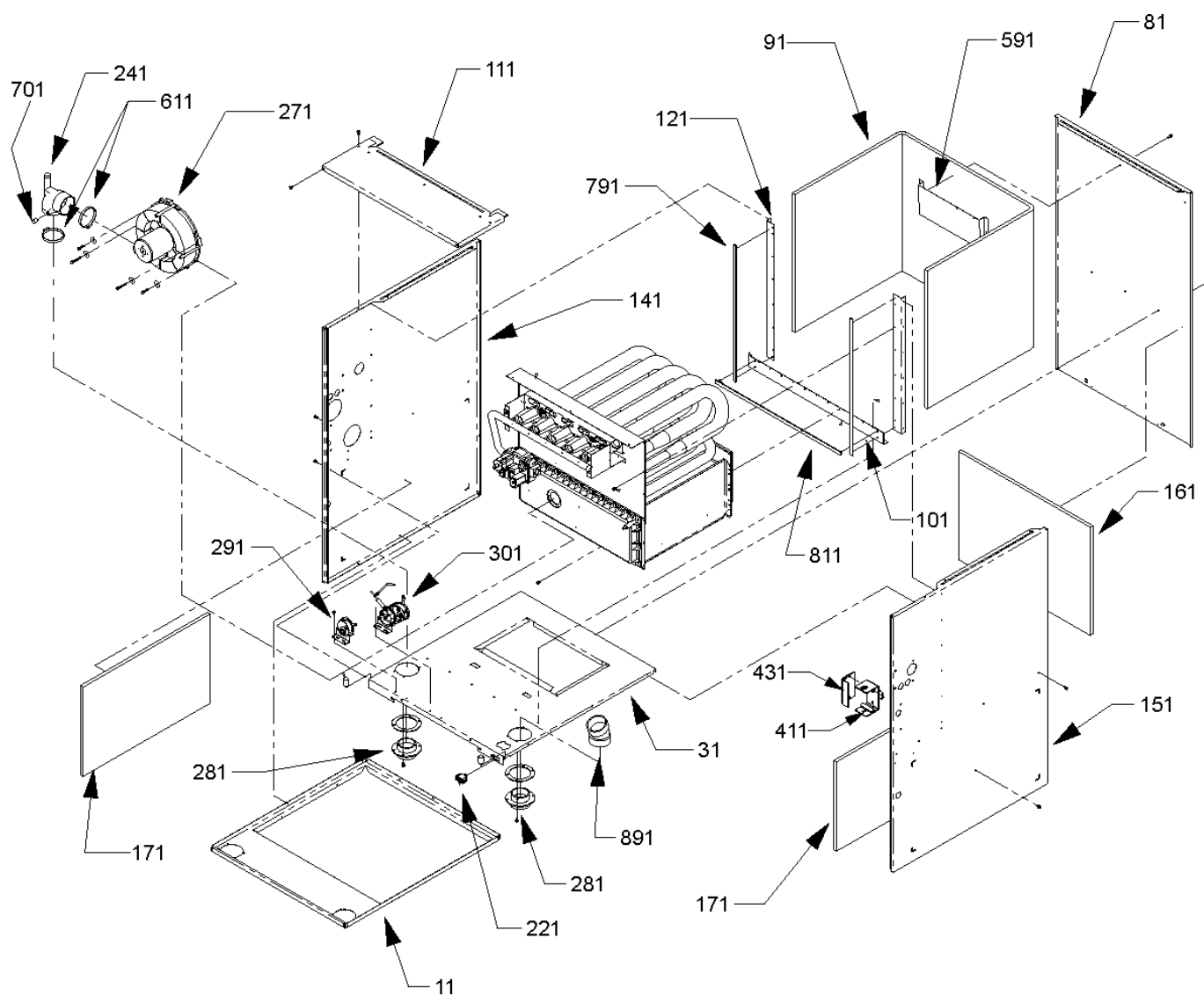
Image 2



Blower Assembly

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>		<i>Image 2:</i>	
21	D6723311 BLOWER WHEEL (M3, M4, M7, M8, M9, M10)	602	B1392021 PLASTIC PLUG, 1" (2713-BLK) (M1, M2, M5, M6)
31	C6121807 BLOWER CUT-OFF (M3, M4, M7, M8, M9, M10)	NS	0259F00040 CONTROL HARNESS (M1, M2, M5, M6)
41	A4002702 BLOWER MOTOR GROMMET (M3, M4, M7, M8, M9, M10)	NS	0159F00012 HARNESS, WIRING (M1, M2, M5, M6)
81	20175101 BLOWER SIDE RAIL (M3, M4, M7, M8, M9, M10)	NS	0130F00157 MEMORY CHIP (M1)
141	10441601 MOTOR MOUNT BAND (M3, M4, M7, M8, M9, M10)	NS	0130F00163 MEMORY CHIP (M5)
151	10441501 MOTOR MOUNT ARM (M3, M4, M7, M8, M9, M10)	NS	0130F00323 MEMORY CHIP (M6)
181	0131M00272 MOTOR, 1 HP, SERIAL ECM (M3, M4, M7, M8, M9, M10)	NS	0130F00337 MEMORY CHIP (M2)
191	0271F00047 BLOWER HOUSING ASSY 11 X 10 (M3, M4, M7, M8, M9, M10)	NS	0259F00041 POWER HARNESS (M1, M2, M5, M6)
231	M0221461 TC SCREW (M3, M4, M7, M8, M9, M10)	NS	0259F00024 WIRE HARNESS-BLOWER (M1, M2, M5, M6)
381	B1141605 TRANSFORMER 120V TO 24V, 40 VA (M3, M4, M7, M8, M9, M10)	Expanded Model Nomenclature	
391	B1141666 INDUCTOR-5.9 AMP (M3, M4, M7, M8, M9, M10)	M1 - ACVM960604CXAA M2 - ACVM960604CXBA M3 - ACVM960805DXAA M4 - ACVM960805DXBA M5 - GCV960604CXAA M6 - GCV960604CXBA M7 - GCV960805DXAA M8 - GCV960805DXBA M9 - GCV961005DXAA M10 - GCV961005DXBA	
401	PCBKF200 PCB, CONTROL, FURNACE (M3, M4, M7, M8, M9, M10)		
461	0121F00094 CONTROL MOUNT PANEL (M3, M4, M7, M8, M9, M10)		
521	0130F00038 PRIMARY LIMIT - LT BLUE 120° (M3, M4, M7, M8, M9, M10)		
NS	0259F00040 CONTROL HARNESS (M3, M4, M7, M8, M9, M10)		
NS	0159F00021 HARNESS, WIRING (M3, M4, M7, M8, M9, M10)		
NS	0130F00158 MEMORY CHIP (M3)		
NS	0130F00164 MEMORY CHIP (M7)		
NS	0130F00165 MEMORY CHIP (M9)		
NS	0130F00324 MEMORY CHIP (M8)		
NS	0130F00325 MEMORY CHIP (M10)		
NS	0130F00338 MEMORY CHIP (M4)		
NS	0259F00041 POWER HARNESS HIGH VOLTAGE (M3, M4, M7, M8, M9, M10)		
NS	0259F00024 WIRE HARNESS-BLOWER (M3, M4, M7, M8, M9, M10)		
<i>Image 2:</i>			
22	B1368047A BLOWER WHEEL 10 X 10 (M1, M2, M5, M6)		
42	A4002702 BLOWER MOTOR GROMMET (M1, M2, M5, M6)		
52	764741F BLOWER BLOCK-OFF 10 X 10 (M1, M2, M5, M6)		
142	0121M00038 MOTOR MOUNT BAND (M1, M2, M5, M6)		
152	B1376857 MOTOR MOUNT ARM (M1, M2, M5, M6)		
182	0131M00271 MOTOR, 3/4 HP, SERIAL ECM (M1, M2, M5, M6)		
192	0271F00004P BLOWER HOUSING ASSY 10 X 10 (M1, M2, M5, M6)		
232	M0250565 TC SCREW 1.25" (M1, M2, M5, M6)		
382	B1141605 TRANSFORMER 120V TO 24V, 40 VA (M1, M2, M5, M6)		
392	B1141666 INDUCTOR-5.9 AMP (M1, M2, M5, M6)		
402	PCBKF200 PCB, CONTROL, FURNACE (M1, M2, M5, M6)		
462	0121F00094 CONTROL MOUNT PANEL (M1, M2, M5, M6)		
522	0130F00038 PRIMARY LIMIT - LT BLUE 120° (M1, M2, M5, M6)		

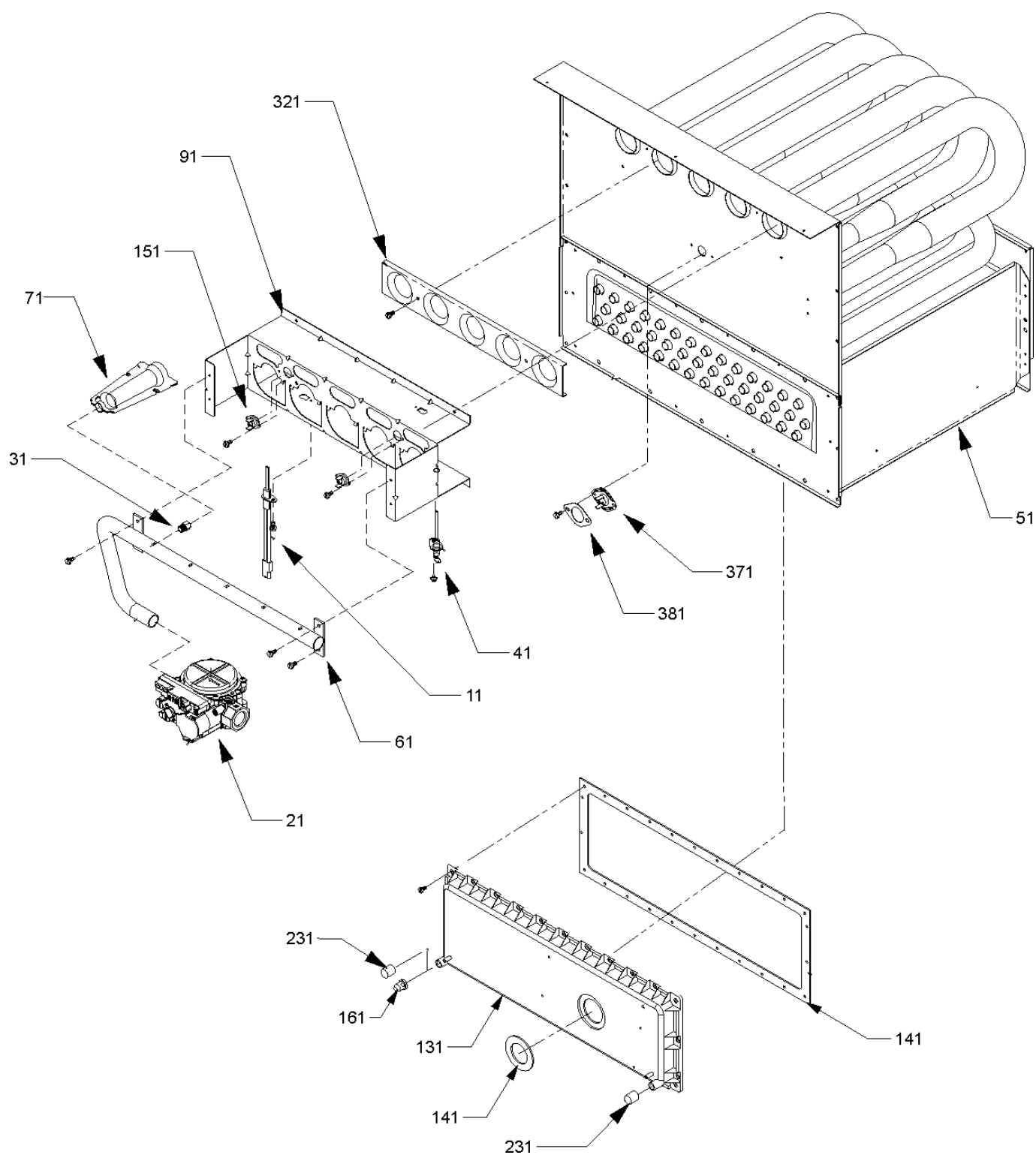
Chassis



Chassis

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>		Expanded Model Nomenclature	
11	20273509	BASEPAN-C'FLOW FURN (M1, M2, M5, M6)	M1 - ACVM960604CXAA
11	20273511	BASEPAN-C'FLOW FURN (M3, M4, M7, M8, M9, M10)	M2 - ACVM960604CXBA
31	0121F00046	BLOWER DECK (M1, M2, M5, M6)	M3 - ACVM960805DXAA
31	0121F00049	BLOWER DECK (M3, M4, M7, M8, M9, M10)	M4 - ACVM960805DXBA
81	20273216	BACK PANEL (M1, M2, M5, M6)	M5 - GCV960604CXAA
81	20273218	BACK PANEL (M3, M4, M7, M8, M9, M10)	M6 - GCV960604CXBA
91	C6415909	HEAT EXCHANGER INSULATION (M3, M4, M7, M8, M9, M10)	M7 - GCV960805DXAA
91	C6415911	HEAT EXCHANGER INSULATION (M1, M2, M5, M6)	M8 - GCV960805DXBA
101	0121F00019P	DECK RAIL (M1, M2, M5, M6)	M9 - GCV961005DXAA
101	20191303	DECK RAIL (M3, M4, M7, M8, M9, M10)	M10 - GCV961005DXBA
111	0270F00104P	TOP COVER ASSY (M1, M2, M5, M6)	
111	0270F00105P	TOP COVER ASSY (M3, M4, M7, M8, M9, M10)	
121	20191603	SIDE RAIL (M1, M2, M5, M6)	
121	20191604	SIDE RAIL (M3, M4, M7, M8, M9, M10)	
221	B1370818	INTERLOCK SWITCH	
241	20171802	ELBOW	
271	0131F00024	MOTOR, ID BLOWER	
281	20049701	FA COUPLING (QTY 2)	
291	0130F00070	PRESSURE SWITCH	
301	0130F00154	PRESSURE SWITCH (M9, M10)	
301	0130F00155	PRESSURE SWITCH (M3, M4, M7, M8)	
301	0130F00156	PRESSURE SWITCH (M1, M2, M5, M6)	
411	0161F00012	JUNCTION BOX-PLA	
431	0161F00013	JUNCTION BOX-LID	
591	11165107	ID BLOWER SHIELD	
611	0163M00049	HOSE CLAMP (QTY 2)	
701	M0326804	PLUG-TUBE	
791	20194608	GASKET (QTY 2)	
811	20194606	GASKET (M1, M2, M5, M6)	
811	20194607	GASKET (M3, M4, M7, M8, M9, M10)	
891	C6455901	ELBOW-22 1/2 ELL	
NS	0164M00002	PRESSURE SWITCH HOSE	
NS	0164M00011	PRESSURE SWITCH HOSE (M3, M4, M7, M8, M9, M10)	
NS	0164M00015	PRESSURE SWITCH HOSE	

Heat Exchanger / Manifold / Gas Valve



Heat Exchanger / Manifold / Gas Valve

Ref. Part No: No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>			
11	0130F00008	IGNITOR-SINI 17 SEC	
21	0151M00024	GAS VALVE	
31	0163F00004	ORIFICE (QTY A/R)	
41	0130F00010	FLAME SENSOR	
51	0257F00219	HEAT EXCHANGER ASSY (M1, M2)	
51	0257F00220	HEAT EXCHANGER ASSY (M3, M4)	
51	0257F00224	HEAT EXCHANGER ASSY (M5, M6)	
51	0257F00225	HEAT EXCHANGER ASSY (M7, M8)	
51	0257F00226	HEAT EXCHANGER ASSY (M9, M10)	
61	0120F00024	MANIFOLD (M1, M2, M5, M6)	
61	0120F00025	MANIFOLD (M3, M4, M7, M8)	
61	0120F00026	MANIFOLD (M9, M10)	
71	10735102	BECKETT BURNER (QTY A/R)	
91	20190411	BURNER BRACKET 3B (M1, M2, M5, M6)	
91	20190412	BURNER BRACKET 4B (M3, M4, M7, M8)	
91	20190413	BURNER BRACKET 5B (M9, M10)	
131	20170909A	FRONT COVER (M1, M2, M5, M6)	
131	20171004A	FRONT COVER (M9, M10)	
131	20171007A	FRONT COVER (M3, M4, M7, M8)	
141	0154F00001P	COIL GASKET (M1, M2, M5, M6)	
141	0154F00002P	COIL GASKET (M3, M4, M7, M8, M9, M10)	
151	0130F00123	LIMIT, RESET MAN (QTY 2)	
161	M0326804	TUBE PLUG	
231	A1781105	CAP-VINYL .500 (QTY 2)	
321	0121F00265	ORIFICE SHIELD (M1, M2, M5, M6)	
321	0121F00266	ORIFICE SHIELD (M3, M4, M7, M8)	
321	0121F00267	ORIFICE SHIELD (M9, M10)	
371	20162907	PRIMARY LIMIT (M1, M2, M5, M6)	
371	20162903	PRIMARY LIMIT - BLUE (M9, M10)	
371	20162905	PRIMARY LIMIT-YELLOW (M3, M4, M7, M8)	
381	10236702	FRAME-WINDOW FUR	

Expanded Model Nomenclature

M1 - ACVM960604CXAA
M2 - ACVM960604CXBA
M3 - ACVM960805DXAA
M4 - ACVM960805DXBA
M5 - GCV960604CXAA
M6 - GCV960604CXBA
M7 - GCV960805DXAA
M8 - GCV960805DXBA
M9 - GCV961005DXAA
M10 - GCV961005DXBA