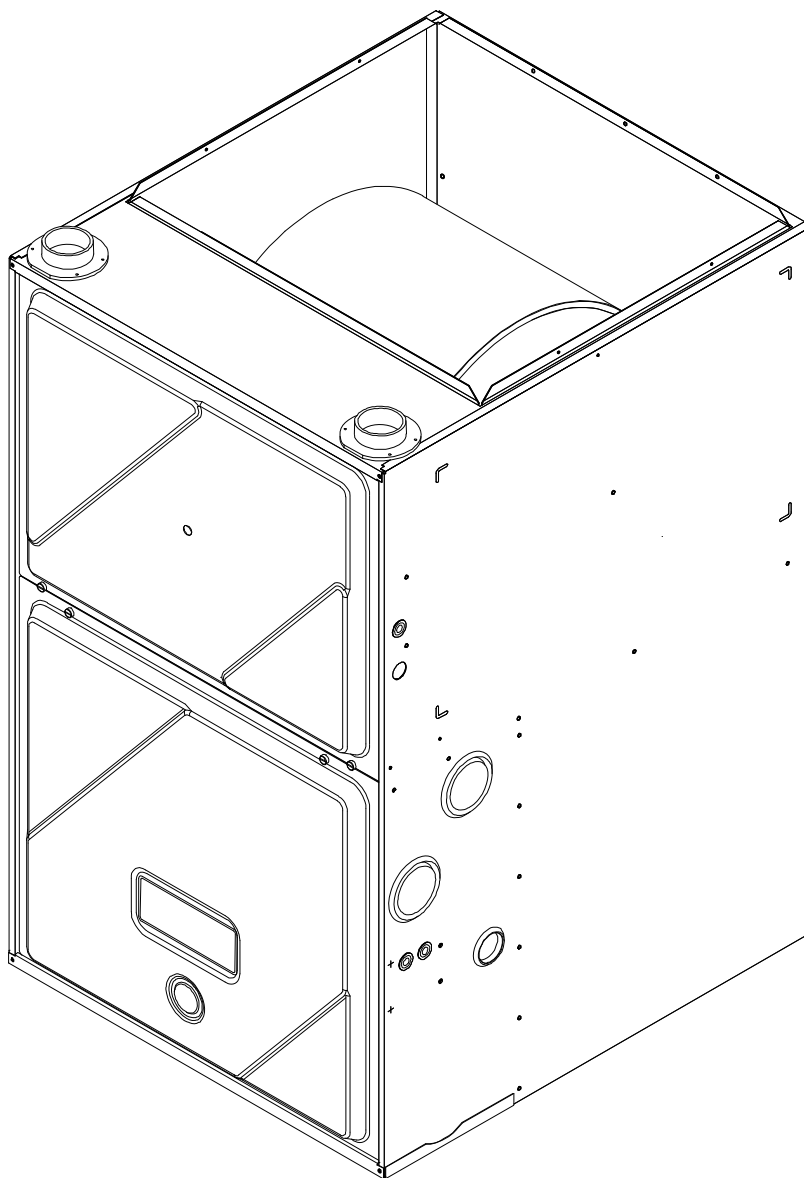


REPAIR PARTS

WGFD29 Variable Speed Counterflow Furnace

WGFD293070V4CAA
WGFD293070V4CAB
WGFD293090V5DAA
WGFD293090V5DAB
WGFD295070V4CAA
WGFD295090V5DAA



This manual is to be used by qualified technicians only.

This manual replaces WPRP-508A

Important Information

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

Revision C: Added WGFD295070V4CAA and WGFD295090V5DAA.

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

Functional Parts

Part

No:

Description:

Expanded Model Nomenclature

10735102S	BECKETT BURNER (QTY AR)
D6723311S	BLOWER WHEEL (M3, M4, M6)
B1368047A	BLOWER WHEEL 10 X 10 (M1, M2, M5)
0130F00010	FLAME SENSOR
0151M00014	GAS VALVE - HONEYWELL 2-STAGE (M2, M4, M5, M6)
0151F00000P	GAS VALVE - WHITE-RODGERS 2-STAGE (M1, M3)
20245903S	ID BLOWER (M1, M2, M3, M4)
0271F00119	ID BLOWER ASSY (M5, M6)
B1141666	INDUCTOR-5.9 AMP
B1370818	INTERLOCK SWITCH
0130F00105	LIMIT SWITCH (M6)
10123517	MANUAL RESET LIMIT (M3, M4, M5, M6)
10123536	MANUAL RESET LIMIT 180°F (M3, M4)
10123534	MANUAL RESET LIMIT 220°F (M1, M2)
10123534	MANUAL RESET LIMIT 220°F (M1, M2)
0131M00113S	MOTOR, 1 HP SERIAL ECM (M3, M4, M6)
0131M00112S	MOTOR, 3/4 HP SERIAL ECM (M1, M2, M5)
10716003	ORIFICE (QTY AR)
PCBKF101S	PCB, CONTROL, FURNACE
0130F00070	PRESSURE SWITCH (M5, M6)
0130F00100	PRESSURE SWITCH (M5, M6)
20197313	PRESSURE SWITCH-PINK (M1, M2, M3, M4)
11177118	PRESURE SWITCH-LIME (M1, M2, M3, M4)
20162903	PRIMARY LIMIT - BLUE (M1, M2)
20162908	PRIMARY LIMIT - GREEN (M3, M4)
0130F00038	PRIMARY LIMIT - LT BLUE 120° (M6)
0130F00038	PRIMARY LIMIT - LT BLUE 120° (M5)
20162904	PRIMARY LIMIT-TEMPERATURE CONTROL (M5)
0130F00008S	SINI IGNITOR
B1141605	TRANSFORMER 120V TO 24V, 40 VA

M1 - WGFD293070V4CAA
M2 - WGFD293070V4CAB
M3 - WGFD293090V5DAA
M4 - WGFD293090V5DAB
M5 - WGFD295070V4CAA
M6 - WGFD295090V5DAA

SPECIAL PARTS

WPHI-115B	HOMEOWNERS INSTRUCTIONS (M2, M4, M5, M6)
WPHI-115A	HOMEOWNERS INSTRUCTIONS (M1, M3)
WPIO-368A	INSTALLATION INSTRUCTION (M2, M4, M5, M6)
WPIO-368	INSTALLATION INSTRUCTIONS (M1, M3)
0161F00009	NAMEPLATE, WHIRLPOOL GOLD

Cabinet

Image 1

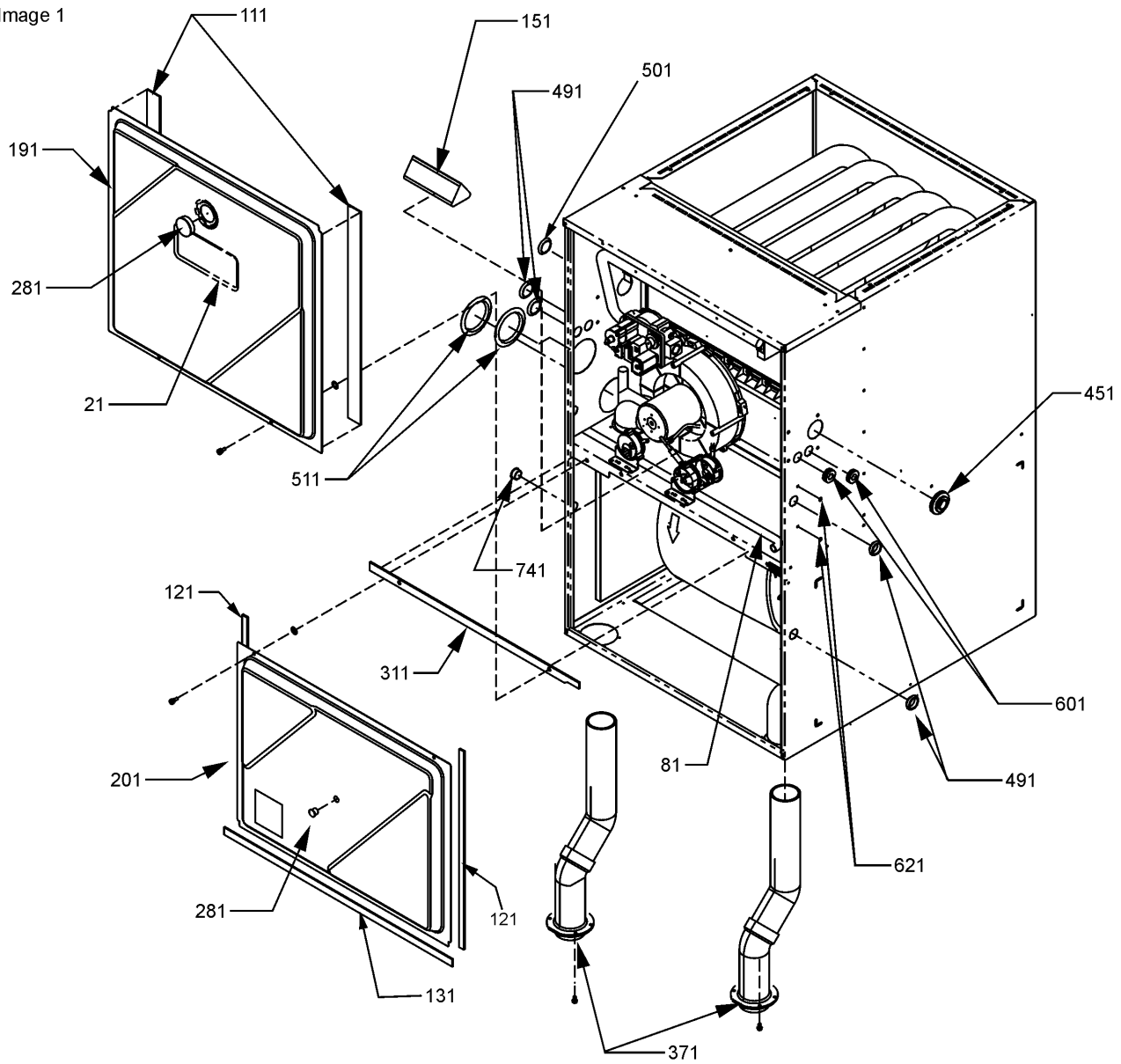
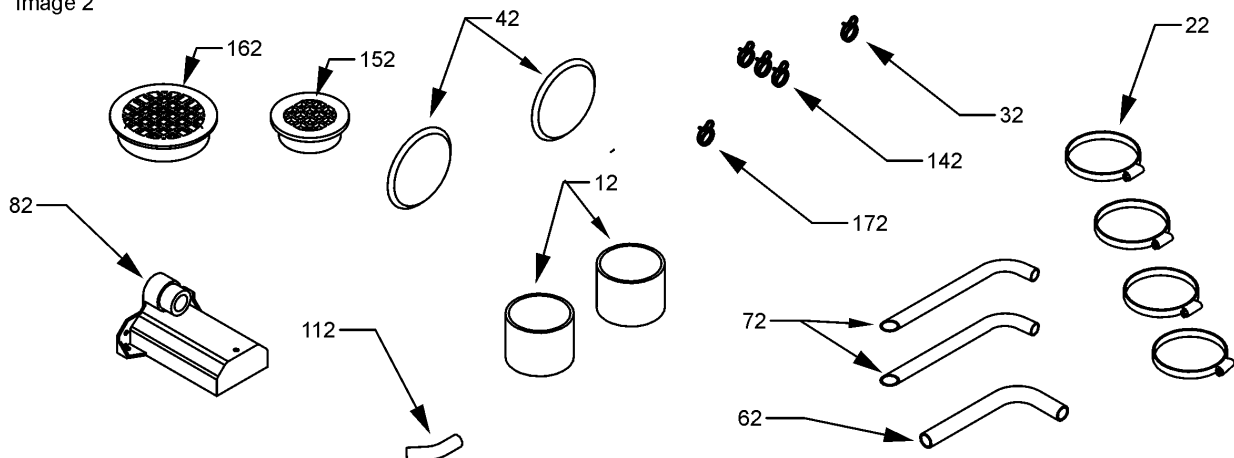


Image 2



Cabinet

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

21	0161F00009	NAMEPLATE, WHIRLPOOL GOLD
81	20201902	DRAIN HOSE
111	20179308	GASKET (QTY 2)
121	20179311	GASKET (QTY 2)
131	20179312	GASKET (M1, M2, M5)
131	20179313	GASKET (M3, M4, M6)
151	10195518Q	STANDPIPE BAG ASSY
191	0121F00067HG	ACCESS DOOR (M1, M2, M5)
191	0121F00068HG	ACCESS DOOR (M3, M4, M6)
201	0121F00064HG	BLOWER DOOR (M1, M2, M5)
201	0121F00065HG	BLOWER DOOR (M3, M4, M6)
281	B1392139	VIEW PORT BUSHING-BLOWER DOOR (QTY 2)
311	22320002	DECK GASKET (M1, M2, M5)
311	22320003	DECK GASKET (M3, M4, M6)
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:

12	10254303	RUBBER COUPLING (QTY 2)
22	0163M00049	HOSE CLAMP (QTY 4)
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	20214203	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 - WGFD293070V4CAA
M2 - WGFD293070V4CAB
M3 - WGFD293090V5DAA
M4 - WGFD293090V5DAB
M5 - WGFD295070V4CAA
M6 - WGFD295090V5DAA

Blower Assembly

Image 1

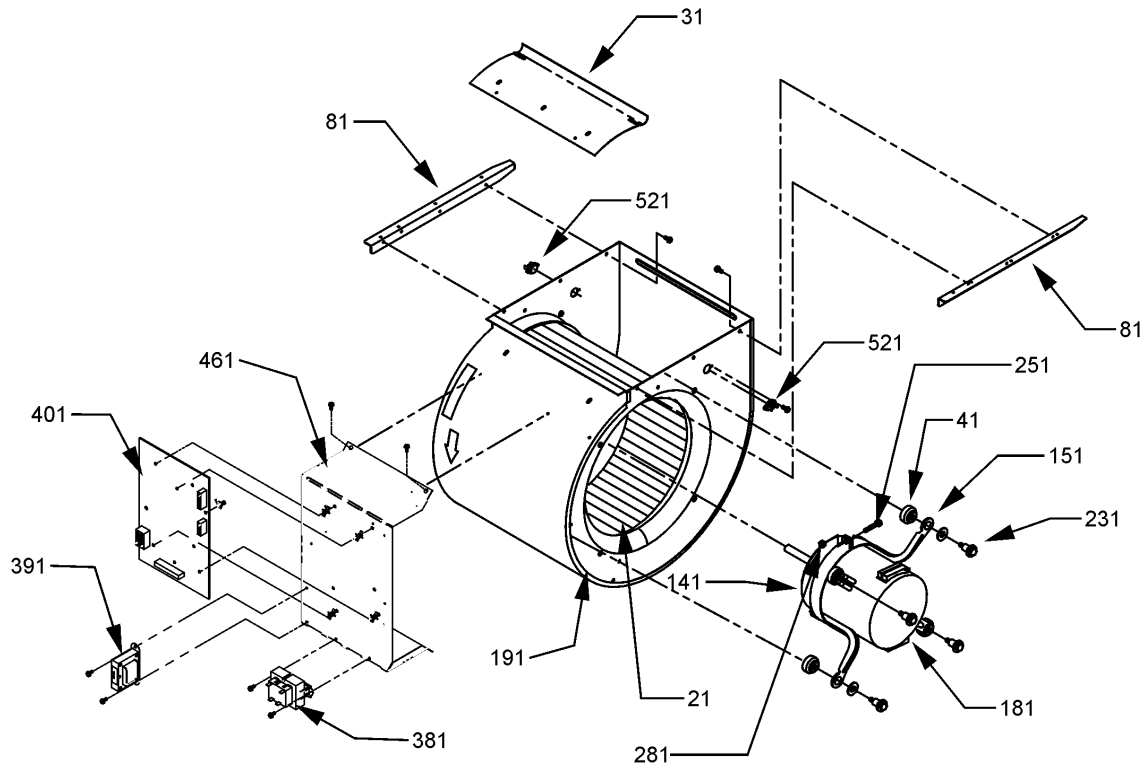
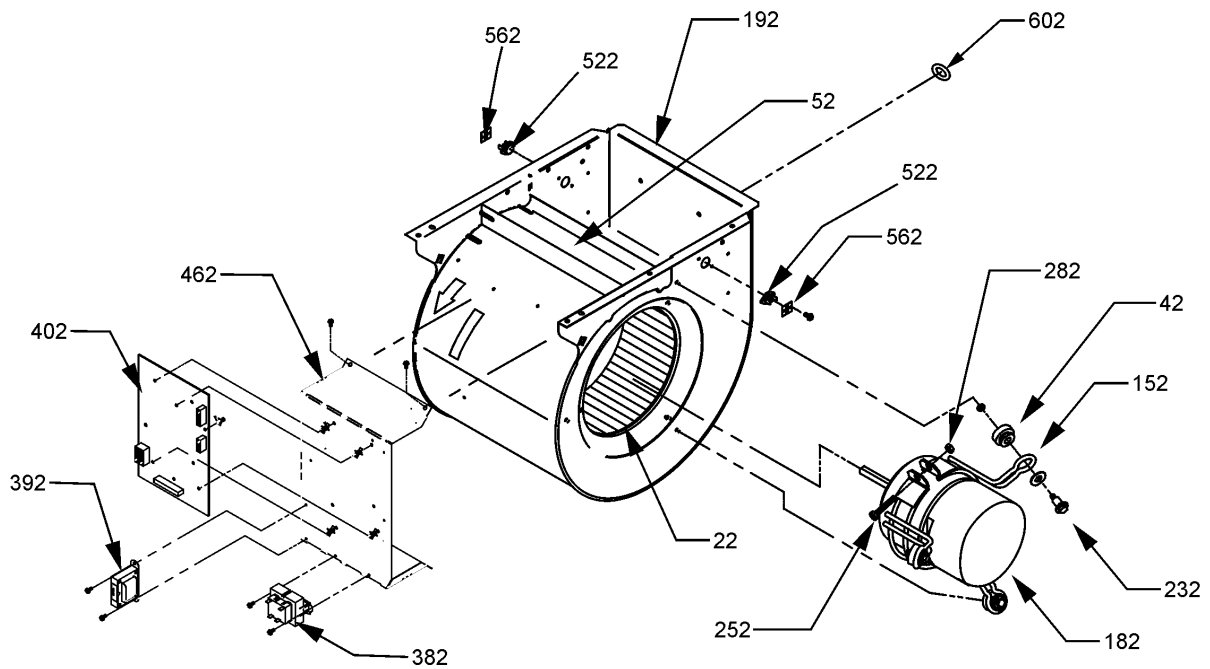


Image 2



Blower Assembly

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

21	D6723311S	BLOWER WHEEL (M3, M4, M6)
31	C6121807	BLOWER CUT-OFF (M3, M4, M6)
41	A4002702	BLOWER MOTOR GROMMET (M3, M4, M6)
81	20175101	BLOWER SIDE RAIL (M3, M4, M6)
141	10441601	MOTOR MOUNT BAND (M3, M4, M6)
151	10441501	MOTOR MOUNT ARM (M3, M4, M6)
181	0131M00113S	MOTOR, 1 HP SERIAL ECM (M3, M4, M6)
191	0271F00047	BLOWER HOUSING ASSY 11 X 10 (M3, M4, M6)
231	M0221461	TC SCREW (M3, M4, M6)
251	M0267144	MACHINE SCREW (M3, M4, M6)
281	M0282015	KEPS NUT (M3, M4, M6)
381	B1141605	TRANSFORMER 120V TO 24V, 40 VA
391	B1141666	INDUCTOR-5.9 AMP
401	PCBKF101S	PCB, CONTROL, FURNACE
461	0121F00094	CONTROL MOUNT PANEL (M3, M4, M6)
521	10123536	MANUAL RESET LIMIT 180°F (M3, M4)
521	0130F00038	PRIMARY LIMIT - LT BLUE 120° (M6)
NS	0259F00040	CONTROL HARNESS
NS	0259F00041	POWER HARNESS
NS	0259F00024	WIRE HARNESS-BLOWER

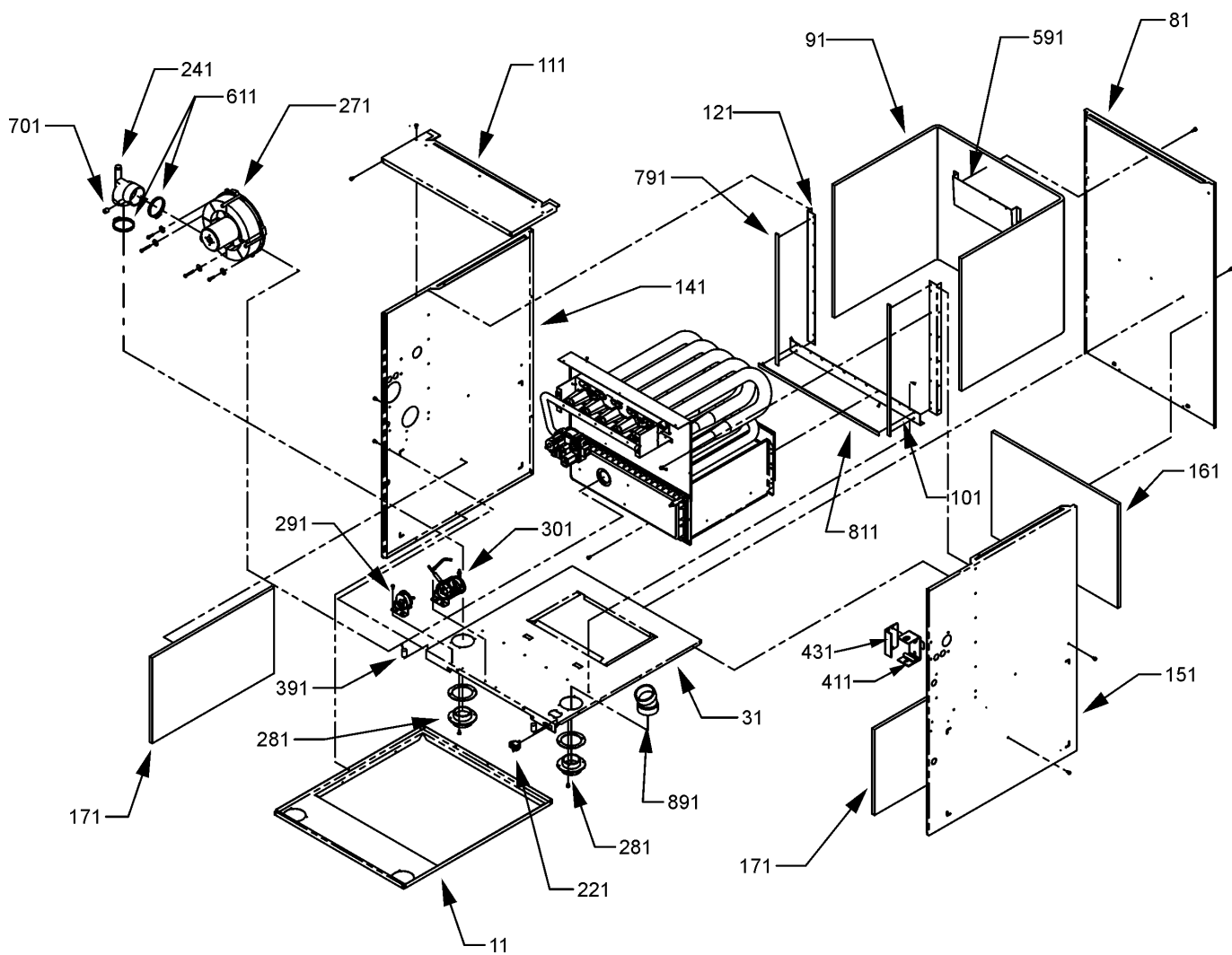
Expanded Model Nomenclature

M1 - WGFD293070V4CAA
M2 - WGFD293070V4CAB
M3 - WGFD293090V5DAA
M4 - WGFD293090V5DAB
M5 - WGFD295070V4CAA
M6 - WGFD295090V5DAA

Image 2:

22	B1368047A	BLOWER WHEEL 10 X 10 (M1, M2, M5)
42	A4002702	BLOWER MOTOR GROMMET (M1, M2, M5)
52	764741F	BLOWER BLOCK-OFF 10 X 10 (M1, M2, M5)
152	C9443702	MOTOR MOUNT BRACKET (M1, M2, M5)
182	0131M00112S	MOTOR, 3/4 HP SERIAL ECM (M1, M2, M5)
192	0271F00004P	BLOWER HOUSING ASSY 10 X 10 (M1, M2, M5)
232	M0221461	TC SCREW (M1, M2, M5)
252	M0267144	MACHINE SCREW (M1, M2, M5)
282	M0282015	KEPS NUT (M1, M2, M5)
382	B1141605	TRANSFORMER 120V TO 24V, 40 VA
392	B1141666	INDUCTOR-5.9 AMP
402	PCBKF101S	PCB, CONTROL, FURNACE
462	0121F00094	CONTROL MOUNT PANEL (M1, M2, M5)
522	10123534	MANUAL RESET LIMIT 220°F (M1, M2)
522	0130F00038	PRIMARY LIMIT - LT BLUE 120° (M5)
562	2509503F	AUXILIARY LIMIT BRACKET (M1, M2)
602	B1392021	PLASTIC PLUG, 1" (2713-BLK) (M1, M2, M5)
NS	0259F00040	CONTROL HARNESS
NS	0259F00041	POWER HARNESS
NS	0259F00024	WIRE HARNESS-BLOWER

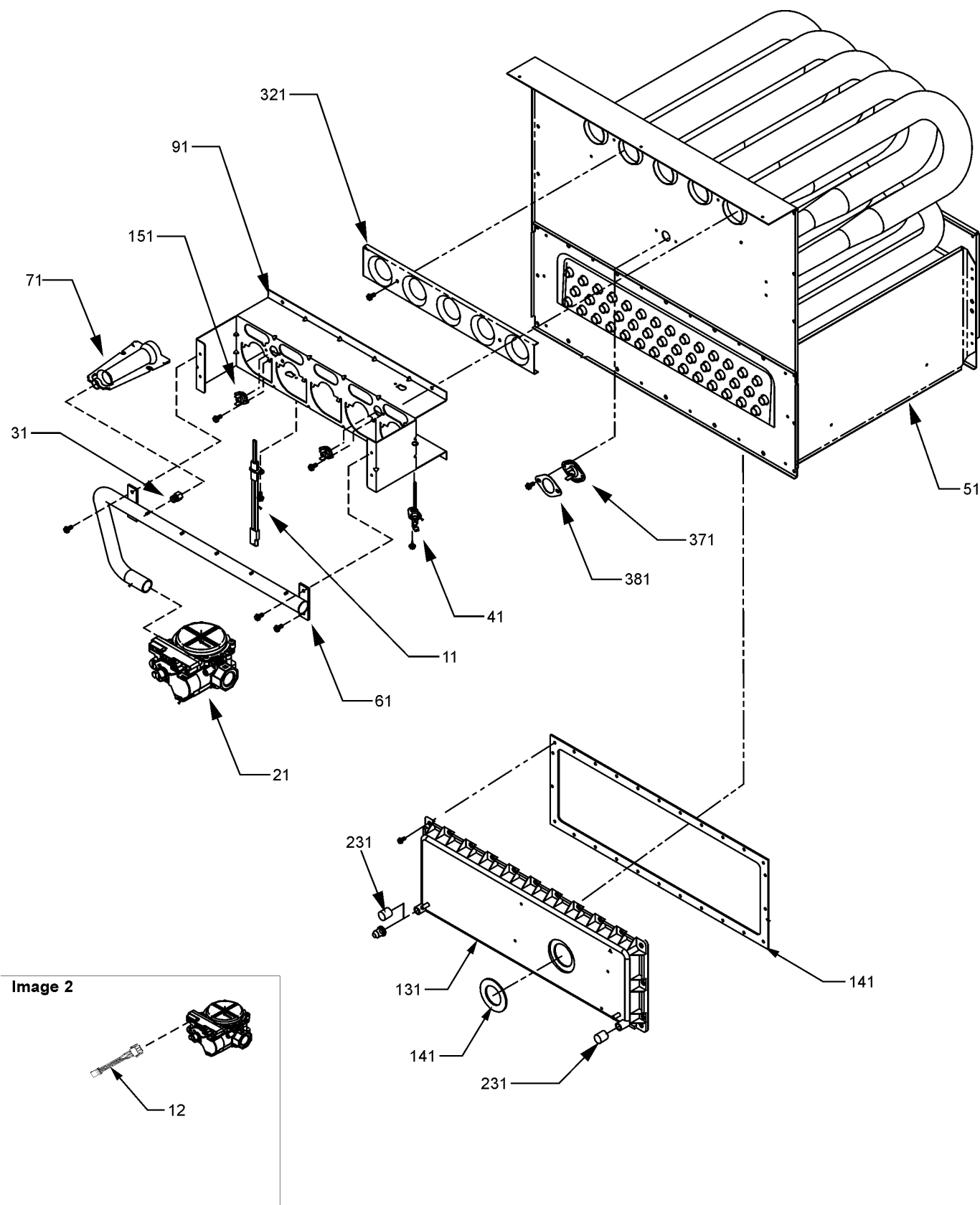
Chassis



Chassis

Ref. Part No: No: Description:			Ref. Part No: No: Description:	
<i>Image 1:</i>			Expanded Model Nomenclature	
11	20273509HG	BASE PAN (M1, M2, M5)	M1 - WGFD293070V4CAA M2 - WGFD293070V4CAB M3 - WGFD293090V5DAA M4 - WGFD293090V5DAB M5 - WGFD295070V4CAA M6 - WGFD295090V5DAA	
11	20273511HG	BASE PAN (M3, M4, M6)		
31	0121F00046	BLOWER DECK (M1, M2, M5)		
31	0121F00049	BLOWER DECK (M3, M4, M6)		
81	20273215HG	BACK PANEL (M1, M2, M5)		
81	20273217HG	BACK PANEL (M3, M4, M6)		
91	C6415909	HEAT EXCHANGER INSULATION (M3, M4, M6)		
91	C6415911	HEAT EXCHANGER INSULATION (M1, M2, M5)		
101	0121F00019P	DECK RAIL (M1, M2, M5)		
101	20191303	DECK RAIL (M3, M4, M6)		
111	0270F01179	TOP COVER ASSY (M1, M2, M5)		
111	0270F01181	TOP COVER ASSY (M3, M4, M6)		
121	20191603	SIDE RAIL (M1, M2, M5)		
121	20191604	SIDE RAIL (M3, M4, M6)		
141	0121F00093HG	SIDE PANEL LH		
151	0121F00091HG	SIDE PANEL RH		
161	20006602	INSULATION (M1, M2, M5)		
161	20006603	INSULATION (M3, M4, M6)		
171	20006604	SIDE INSULATION (QTY 2)		
221	B1370818	INTERLOCK SWITCH		
241	20171802S	ELBOW		
271	20245903S	ID BLOWER (M1, M2, M3, M4)		
271	0271F00119	ID BLOWER ASSY (M5, M6)		
281	20049701	FA COUPLING (QTY 2)		
291	0130F00070	PRESSURE SWITCH (M5, M6)		
291	20197313	PRESSURE SWITCH-PINK (M1, M2, M3, M4)		
301	0130F00100	PRESSURE SWITCH (M5, M6)		
301	11177118	PRESURE SWITCH-LIME (M1, M2, M3, M4)		
391	M0275521	PLASTIC SEALER		
411	0161F00004S	JUNCTION BOX		
431	0161F00005S	JUNCTION BOX COVER		
591	11165107	ID BLOWER SHIELD		
611	0163M00049	HOSE CLAMP (QTY 2)		
701	M0326804	TUBE PLUG		
791	20194608	GASKET (QTY 2)		
811	20194606	GASKET (M1, M2, M5)		
811	20194607	GASKET (M3, M4, M6)		
891	C6455901	ELBOW - 22 1/2 ELL		
NS	0159F00012	HARNESS, WIRING		
NS	0164M00003	PRESSURE SWITCH HOSE		
NS	0164M00011	PRESSURE SWITCH HOSE (M1, M2, M5)		
NS	0164M00013	PRESSURE SWITCH HOSE (M3, M4, M6)		

Heat Exchanger / Manifold / Gas Valve



Heat Exchanger / Manifold / Gas Valve

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

11	0130F00008S	SINI IGNITOR
21	0151M00014	GAS VALVE - HONEYWELL 2-STAGE (M2, M4, M5, M6)
21	0151F00000P	GAS VALVE - WHITE-RODGERS 2-STAGE (M1, M3)
31	10716003	ORIFICE (QTY AR)
41	0130F00010	FLAME SENSOR
51	0257F00201	HEAT EXCHANGER ASSY (M5)
51	0257F00202	HEAT EXCHANGER ASSY (M6)
51	0257F00157	HEAT EXCHANGER ASSY 3B (M1, M2)
51	0257F00154	HEAT EXCHANGER ASSY 4B (M3, M4)
61	20196402	MANIFOLD - 3 BRNR (M1, M2, M5)
61	20196403	MANIFOLD - 4 BRNR (M3, M4, M6)
71	10735102S	BECKETT BURNER (QTY AR)
91	20190411	BURNER BRACKET 3B (M1, M2, M5)
91	20190412	BURNER BRACKET 4B (M3, M4, M6)
131	20170901AS	FRONT COVER (M1, M2)
131	20170907A	FRONT COVER (M5)
131	20171001AS	FRONT COVER (M3, M4)
131	20171006A	FRONT COVER (M6)
141	0154F00001P	COIL GASKET (M1, M2, M5)
141	0154F00002P	COIL GASKET (M3, M4, M6)
151	10123517	MANUAL RESET LIMIT (M3, M4, M5, M6)
151	10123534	MANUAL RESET LIMIT 220°F (M1, M2)
231	A1781105	CAP-VINYL .500 (QTY 2)
321	11072202	ORIFICE SHIELD (M1, M2, M5)
321	11072203	ORIFICE SHIELD (M3, M4, M6)
371	0130F00105	LIMIT SWITCH (M6)
371	20162903	PRIMARY LIMIT - BLUE (M1, M2)
371	20162908	PRIMARY LIMIT - GREEN (M3, M4)
371	20162904	PRIMARY LIMIT-TEMPERATURE CONTROL (M5)
381	10236702	FRAME-WINDOW FUR

Image 2:

12	0259M00004	WIRE HARNESS, ADAPTOR (M2, M4, M5, M6)
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Expanded Model Nomenclature

M1 - WGFD293070V4CAA
M2 - WGFD293070V4CAB
M3 - WGFD293090V5DAA
M4 - WGFD293090V5DAB
M5 - WGFD295070V4CAA
M6 - WGFD295090V5DAA

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