

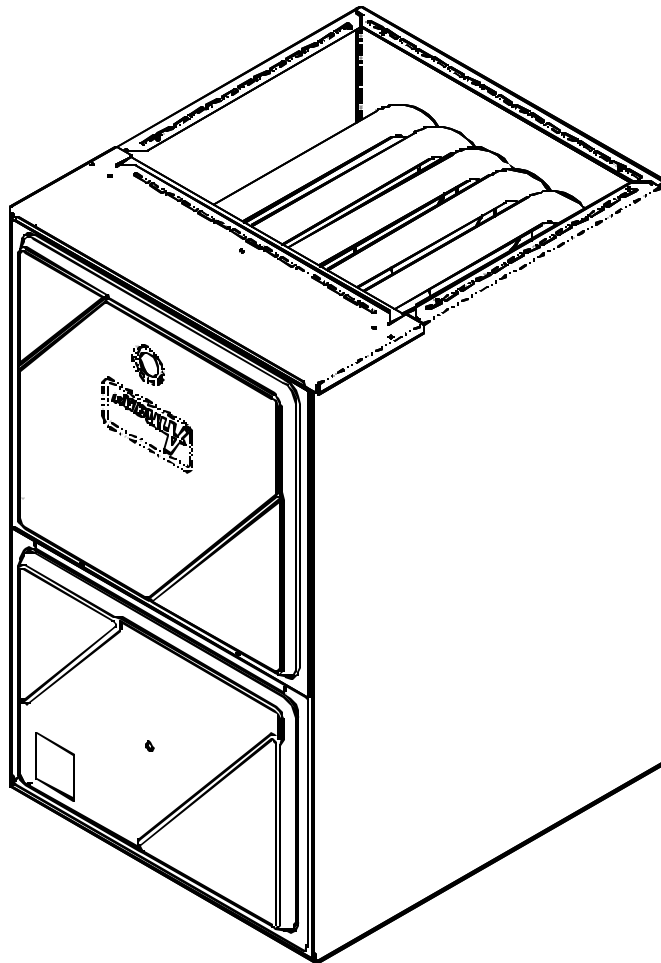
Models and manufacturing
numbers in this manual

ACV90704CXA	P1257703F
ACV90905DXA	P1257705F

Service Parts

ACV9*XA Downflow/Horizontal/Two Stage/Variable Speed 90% AFUE Gas Furnace

This manual is to be used by qualified appliance technicians only.



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RP6612005
Revision 0
July 2004

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Important Information

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

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

Consumer Affairs Department
Goodman 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 Company, L.P.
7401 Security Way
Houston, Texas 77040
713-861-2500-Telephone
713-863-2382-Facsimile

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Functional Parts List 5

Illustration and Parts 6 - 15

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	P _____
M2 - Model#2	P _____
M3 - Model#3	P _____

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Functional Parts

Part

No: Description:

10735102	BECKETT BURNER (QTY 3)
20245903	BLOWER-ID
20300006	CONTROL-INTEG
20276014	HARNESS-WIRING
11118705	HARNESS-WIRING
20275905	HARNESS-WIRING
11185811	HSG WELD-11X10 (M2)
11185818	HSG WELD-BLWR (M1)
20194413	HT EX ASSY 3B (M1)
20194415	HT EX ASSY 4B (M2)
11111701	IGNITOR-SINI
20162903	LIMIT (M1)
20162908	LIMIT (M2)
10123517	LIMIT-RESET MAN (M2)
10123534	LIMIT-RESET MAN (M1)
20196403	MANIFOLD (M2)
20196402	MANIFOLD (M1)
20510316	MOTOR-1 HP PROGRAMMED (M2)
20509424	MOTOR-3/4 HP PROGRAMMED (M1)
10716003	ORIFICE (QTY 3)
20488501	SENSOR-FLAME
10690402	SWITCH-INTERLOCK
20197313	SWITCH-PRESSURE
11177118	SWITCH-PRESSURE
B1141605	TRANSFORMER, 120V
C6476909	VALVE-GAS
D6723306	WHEEL-BLOWER (M1)
D6723311	WHEEL-BLOWER (M2)

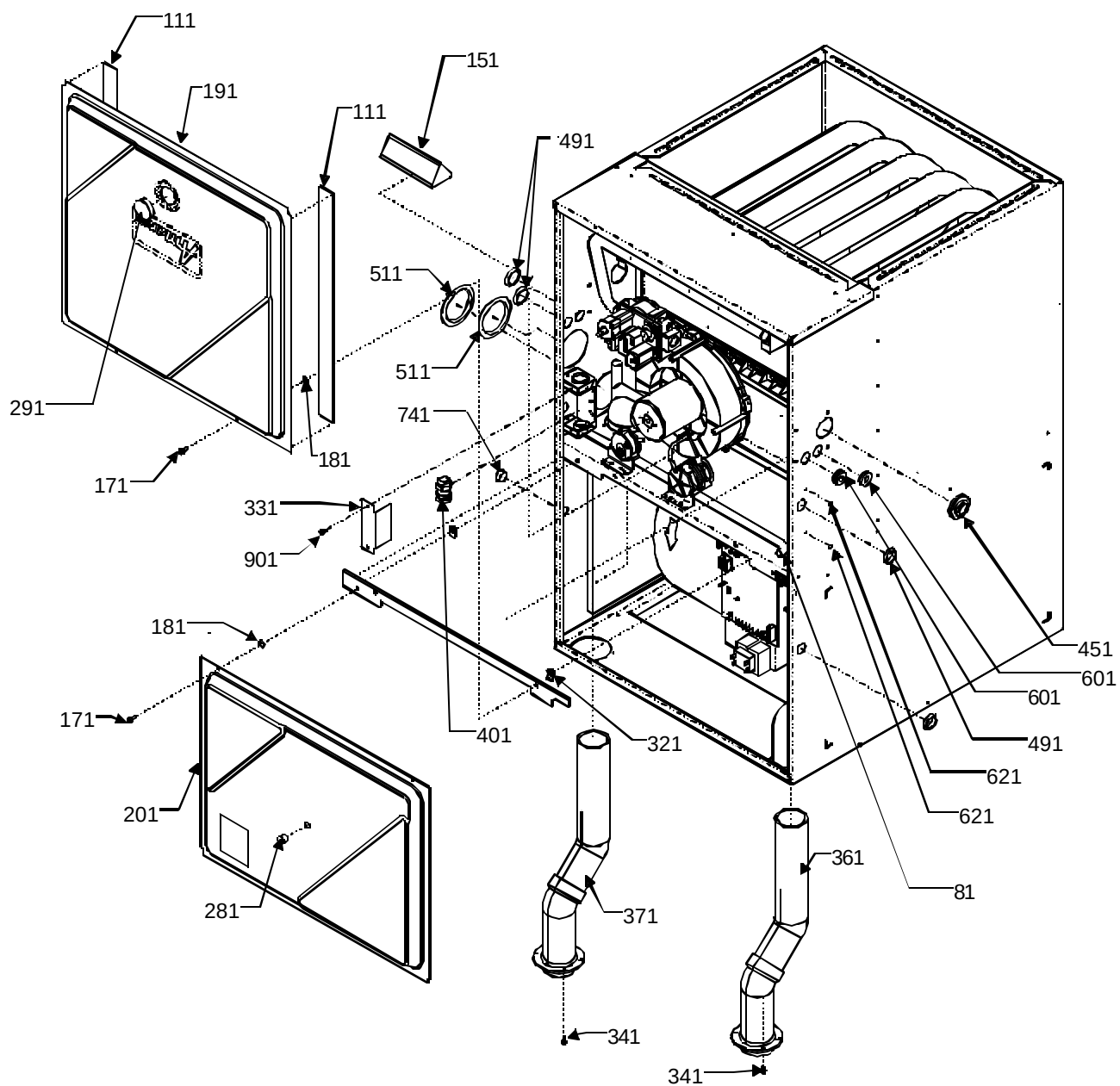
SPECIAL PARTS

HI-115	HOMEOWNER INSTRUCTION
IO-253	INSTRUCTIONS, AMANA
20510124	KIT-END BELL (M1)
20511016	KIT-END BELL (M2)
RP6612005	MANUAL PARTS
RS6600001	MANUAL SERVICE
RT6612008	MANUAL TECHNICAL
B260S8292	PAINT DARK GRAY
B260S8293	PAINT LIGHT GRAY
10195518	STNDPIPE BAG ASSY
20490407	WARRANTY, PRODUCT

Expanded Model Nomenclature

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M2 - ACV90905DXA	P1257705F

Cabinet



Cabinet

Ref. Part			Ref. Part		
No:	No:	Description:	No:	No:	Description:

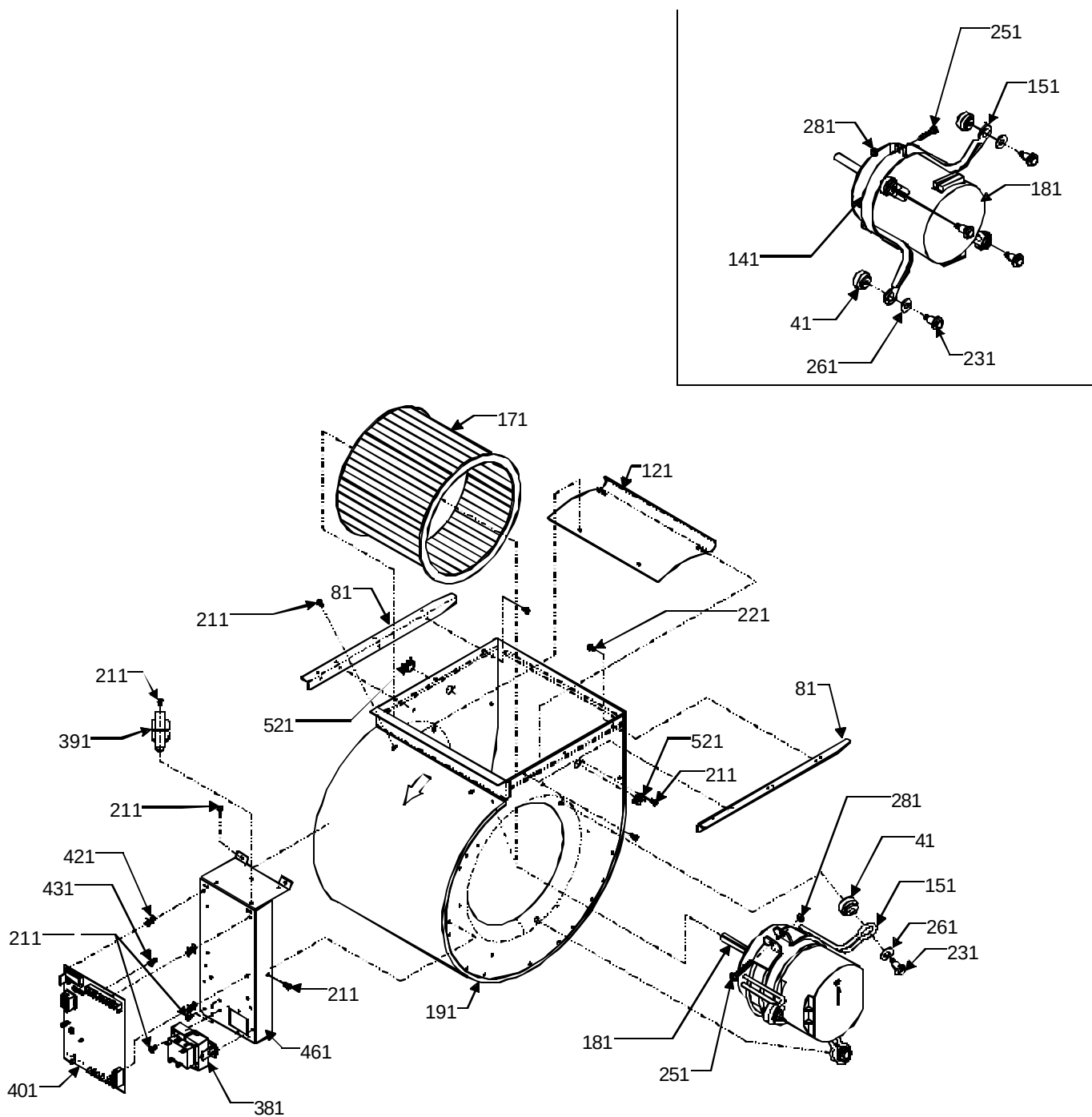
Image 1:

81	20201902	HOSE-DRAIN
111	20179308	GASKET (QTY 2)
151	10195518	STNDPIPE BAG ASSY
171	M0204317	SCREW-MACH (QTY 4)
181	M0273904	RETAINER-SCREW (QTY 4)
191	20273110	DOOR-ACCESS PNT (M1)
191	20273112	DOOR-ACCESS PNT (M2)
201	20177310	DOOR-BLOWER PNT (M1)
201	20177312	DOOR-BLOWER PNT (M2)
201	B1410304	HOSE-PRESSURE SW (M1)
201	B1410316	HOSE-PRESSURE SW (M2)
281	B1392139	VIEW PORT BUSHING,
291	11104002	SNAP-BUSHING CLR
321	91000301	NUT-U SPEED (QTY 4)
331	10736201	COVER-HV BOX
341	M0219918	SCREW-SM #8-5/8 (QTY 8)
361	20049701	COUPLING-FA (QTY 2)
371	20190504	PIPE-FLUE FA
401	M0571302	BUSHING WITH SEAL
451	M0501301	GROMMET-PIPE
491	M0570808	PLUG-BUTTON (QTY 4)
511	M0570807	PLUG-BUTTON (QTY 2)
601	A4691701	GROMMET (QTY 2)
621	M0310345	BUTTON-PLUG (QTY 2)
741	M0571002	BUSHING-SNAP (QTY 2)
901	M0216529	SCREW-SM (QTY 2)

Expanded Model Nomenclature

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Blower



Blower

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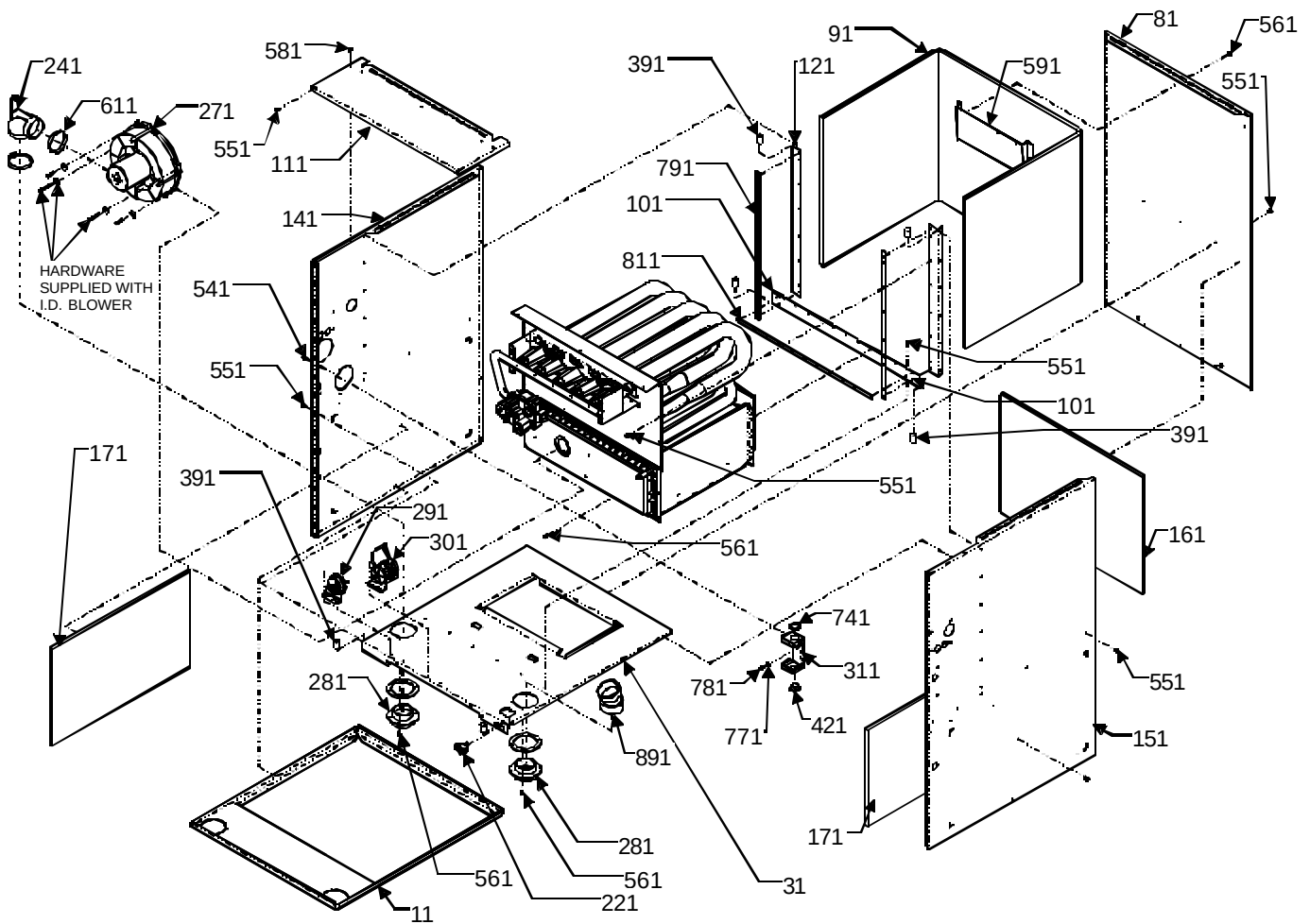
Image 1:

41	A4002701	GROMMET (M2)
41	A4002702	GROMMET (M1)
81	20175101	RAIL-BLWR SIDE (QTY 2)
121	C6121807	CUTOFF
141	10441601	BAND-MTR MOUNT (M2)
151	10441501	ARM-MTR MOUNT (M2)
171	D6723306	WHEEL-BLOWER (M1)
171	D6723311	WHEEL-BLOWER (M2)
181	20510316	MOTOR-1 HP PROGRAMMED (M2)
181	20509424	MOTOR-3/4 HP PROGRAMMED (M1)
191	11185811	HSG WELD-11X10 (M2)
191	11185818	HSG WELD-BLWR (M1)
211	M0219916	SCREW-SM (QTY AR)
221	M0253516	SCREW-TR (QTY 6)
231	M0221461	SCREW-TC (QTY 3)
251	M0267144	SCREW-MACH
261	M0274008	WASHER-FLAT (QTY 3)
281	M0282015	NUT-KEPS
381	B1141605	TRANSFORMER, 120V
391	20218901	COIL-INDUCTOR
401	20300006	CONTROL-INTEG
421	B1393802	SUPPORT, 2-WING BOA (QTY 4)
431	B1393803	SUPPORT, SINGLE-WIN
461	10746206	BRACKET-CONT
521	10123536	LIMIT-RESET (M2)
521	10123518	LIMIT-RESET MAN (M1)
NS	20510124	KIT-END BELL (M1)
NS	20511016	KIT-END BELL (M2)

Expanded Model Nomenclature

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Chassis



Chassis

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

11	20273503	BASEPAN-C'FLOW (M2)
11	20273509	BASEPAN-C'FLOW FURN (M1)
11	20273510	BASEPAN-C'FLOW PNT (M1)
31	20190215	DECK-BLWR (M2)
31	20190234	DECK-BLWR (M1)
81	20273216	PANEL-BACK CF PNT (M1)
81	20273218	PANEL-BACK CF-PNT (M2)
91	C6415909	INSUL-HT EX (M2)
91	C6415911	INSUL-HT EX (M1)
101	20191303	RAIL-DECK (M2)
101	20191305	RAIL-DECK (M1)
111	20191403	PANEL-PART 3B
111	20191405	PANEL-PART 4B
121	20191603	RAIL-SIDE (M1)
121	20191604	RAIL-SIDE (M2)
141	20193410	PANEL-SIDE LH
151	20193310	PANEL-SIDE RH
161	20006602	INSULATION (M1)
161	20006603	INSULATION (M2)
171	20006604	INSULATION-SIDE (QTY 2)
221	10690402	SWITCH-INTERLOCK
241	20171801	ELBOW
271	20245903	BLOWER-ID
281	20049701	COUPLING-FA (QTY 2)
291	20197313	SWITCH-PRESSURE
301	11177118	SWITCH-PRESSURE
311	10736102	BOX-HIGH VOLT
391	M0275521	SEALER-PLASTIC
421	A4554801	BUSHING-SNAP
541	M0216716	SCREW-SM (QTY 2)
551	M0219916	SCREW-SM (QTY AR)
561	M0219918	SCREW-SM #8-5/8 (QTY AR)
581	M0211530	SCREW-SM (QTY 5)
591	11165107	SHIELD ID BLWR
611	A3326008	CLAMP-HOSE (QTY 2)
741	M0571002	BUSHING-SNAP (QTY 2)
771	M0270001	WASHER-CUP
781	M0227803	SCREW-TC
791	20194604	GASKET (QTY 2)
811	20194602	GASKET (M1)
811	20194603	GASKET (M2)
891	C6455901	ELBOW-22 1/2 ELL

Expanded Model Nomenclature

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Heat Exchanger / Manifold / Gas Valve

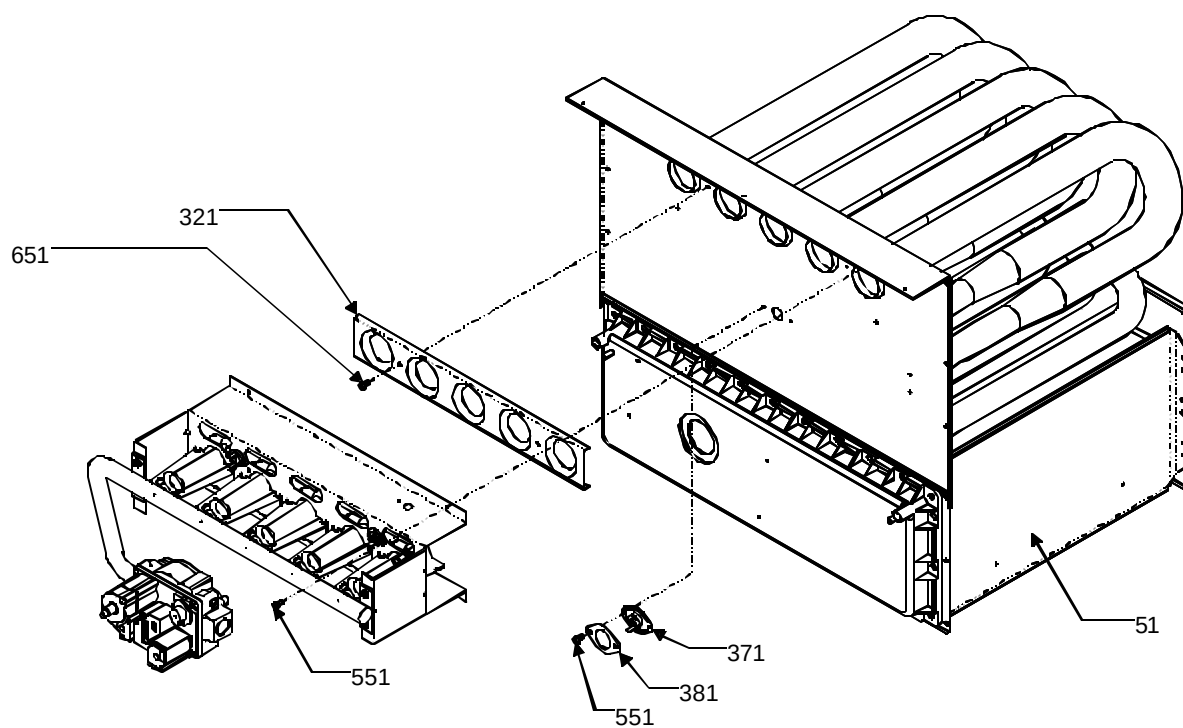
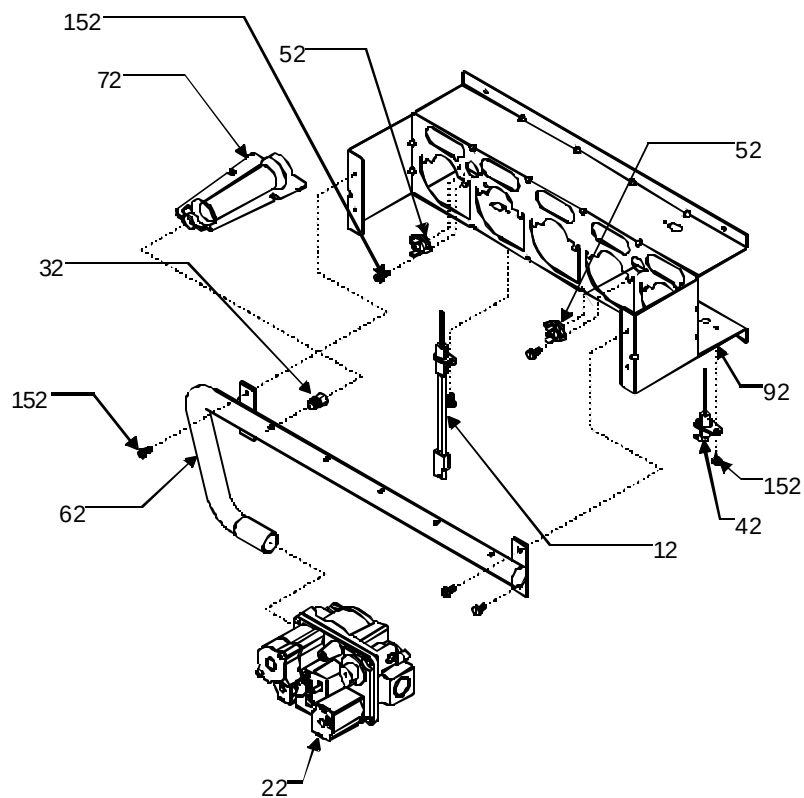


Image 1

Image 2



Heat Exchanger / Manifold / Gas Valve

Ref. Part

No: No: Description:

Ref. Part

No: No: Description:

Image 1:

51	20194413	HT EX ASSY 3B (M1)
51	20194415	HT EX ASSY 4B (M2)
321	11072202	SHIELD-ORFIFICE (M1)
321	11072203	SHIELD-ORFIFICE (M2)
371	20162903	LIMIT (M1)
371	20162908	LIMIT (M2)
381	10236702	FRAME-WINDOW
551	M0219916	SCREW-SM (QTY AR)
651	M0211020	SCREW-SM #8-7/8 (QTY 2)

Image 2:

12	11111701	IGNITOR-SINI
22	C6476909	VALVE-GAS
32	10716003	ORIFICE (QTY 3)
42	20488501	SENSOR-FLAME
52	10123517	LIMIT-RESET MAN (M2)
52	10123534	LIMIT-RESET MAN (M1)
62	20196402	MANIFOLD (M1)
62	20196403	MANIFOLD (M2)
72	10735102	BECKETT BURNER (QTY 3)
92	20190411	BRKT-BURNER 3B (M1)
92	20190412	BRKT-BURNER 4B (M2)
152	M0219916	SCREW-SM (QTY 8)

Expanded Model Nomenclature

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Recoup Coil Assy / Standpipe Bag Assy

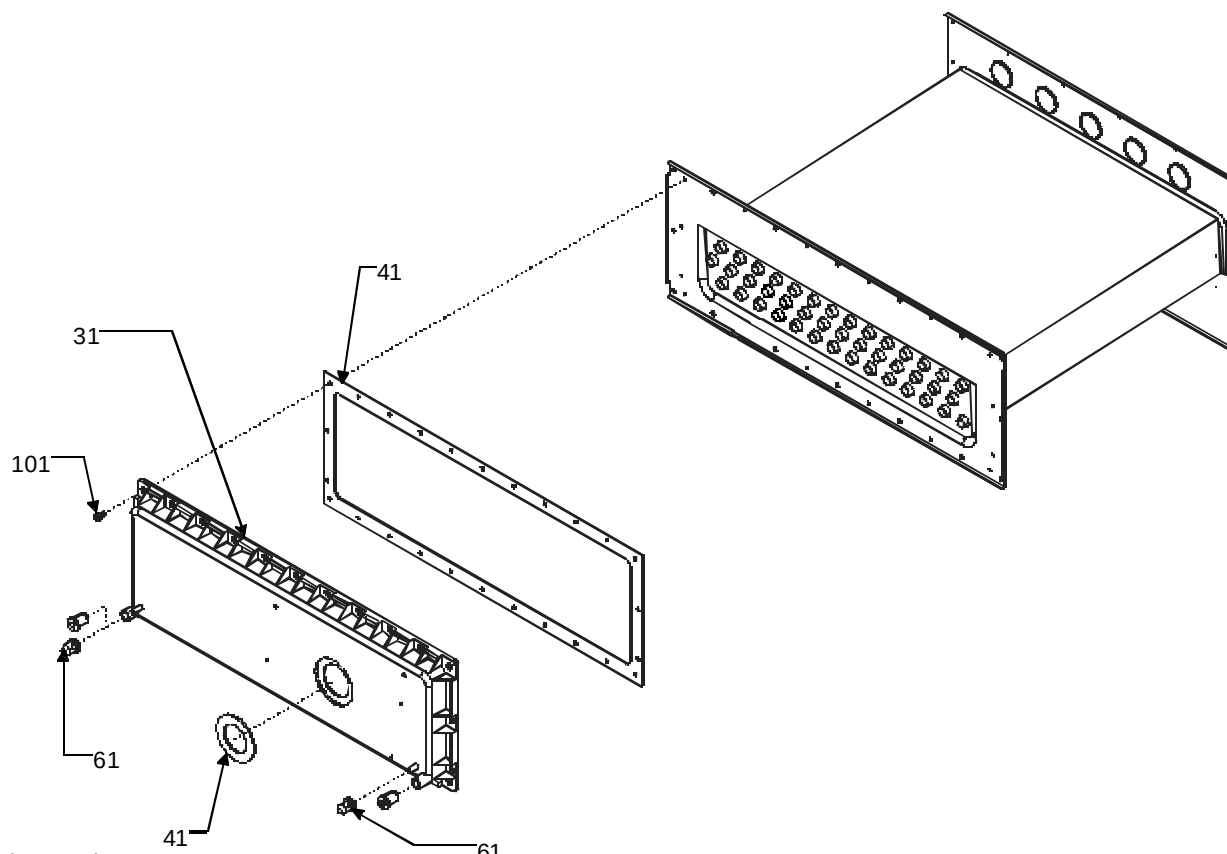
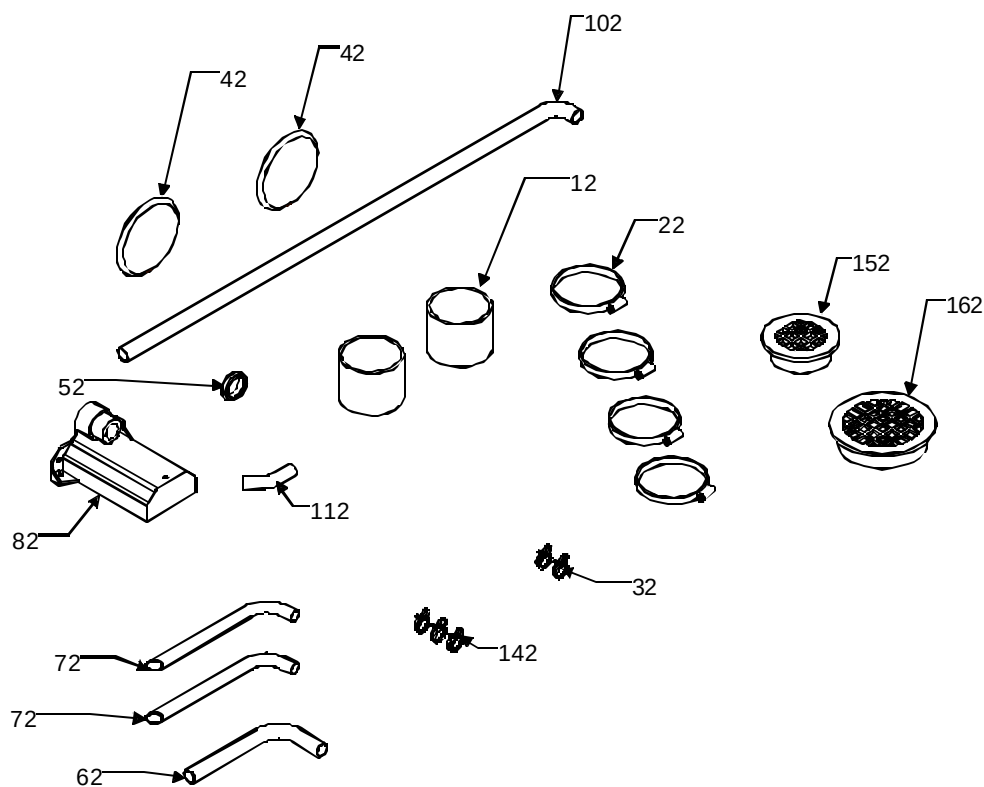


Image 1

Image 2



Recoup Coil Assy / Standpipe Bag Assy

Ref. Part

No: No: Description:

Ref. Part

No: No: Description:

Image 1:

31	20170901A	COVER-FRONT (M1)
31	20171001A	COVER-FRONT (M2)
41	20404402	GASKET-COIL (M1)
41	20404403	GASKET-COIL (M2)
61	M0326804	PLUG-TUBE (QTY 4)
101	M0211031	SCREW-SM #10-5/8 (QTY AR)

Image 2:

12	10254303	COUPLING-RUBBER (QTY 2)
22	A3326008	CLAMP-HOSE (QTY 4)
32	M0119207	CLAMP-HOSE (QTY 2)
42	20179307	GASKET (M2)
42	20179310	GASKET (M1)
52	M0570808	PLUG-BUTTON
62	20201901	HOSE-DRAIN
72	20201801	TUBE-DRAIN (QTY 2)
82	20171701	DRAIN TRAP
102	10194601	TUBE-DRAIN
112	20214202	DRAIN-ANGLE
142	M0119205	CLAMP-HOSE (QTY 3)
152	B2810816	2" MESH INSERT
162	B2810814	3" MESH INSERT

Expanded Model Nomenclature

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