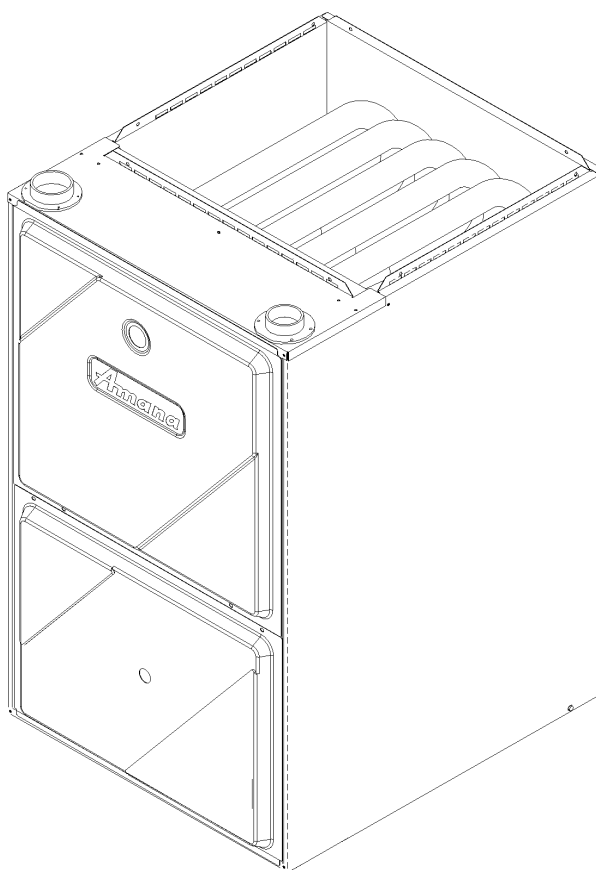


DMS9*XA Single Stage/Multi-Speed 90% AFUE Gas Furnace

DMS90453BXA	P1256701F
DMS90453BXA	P1256707F
DMS90703BXA	P1256702F
DMS90703BXA	P1256708F
DMS90704CXA	P1256703F
DMS90704CXA	P1256709F
DMS90904CXA	P1256704F
DMS90904CXA	P1256710F
DMS90905DXA	P1256705F
DMS91155DXA	P1256706F



RP6612009 Rev. 3
August 2007

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www.amana-hac.com

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Important Information

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Views shown are for parts illustrations only, not servicing procedures

Rev. 3: Added models DMS90453BXA-P1256707F, DMS90703BXA-P1256708F, DMS90704CXA-P1256709F, and DMS90904CXA-P1256710F

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 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.

Goodman 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 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

Functional Parts

Part

No: Description:

20418613	ASSY, HEAT EXCHANGER 2B (M1)
0257F00038P	ASSY, HEAT EXCHANGER 2B (M7)
20418614	ASSY, HEAT EXCHANGER 3B (M2)
20418615	ASSY, HEAT EXCHANGER 3B (M3)
0257F00039P	ASSY, HEAT EXCHANGER 3B (M8)
0257F00040P	ASSY, HEAT EXCHANGER 3B (M9)
0257F00041P	ASSY, HEAT EXCHANGER 4B (M10)
20418616	ASSY, HEAT EXCHANGER 4B (M4)
20418617	ASSY, HEAT EXCHANGER 4B (M5)
20418618	ASSY, HEAT EXCHANGER 5B (M6)
CAP125000370VA	CAPACITOR 12.5/370V (M1, M2, M7, M8)
CAP150000370VA	CAPACITOR 15/370V (M5, M6)
CAP200000370VA	CAPACITOR 20/370V (M3, M4, M9, M10)
0130F00010	FLAME SENSOR
B1282628	GAS VALVE, MANIFOLD (36G)
22307501	ID BLOWER
PCBBF112	IGNITION BOARD, HSI, INTEGRATED, W/ACC
20165703	IGNITOR
20196402	MANIFOLD (M2, M3, M8, M9)
20196404	MANIFOLD (M6)
20196403	MANIFOLD (M4, M5, M10)
20196401	MANIFOLD (M1, M7)
B1340024	MOTOR 1/2 HP, 4 SP, 6 PL (M3, M4, M9, M10)
B1340025	MOTOR 1/3 HP, 4 SP, 6 PL (M1, M2, M7, M8)
10759415	MOTOR 3/4 HP, 4 SP, 8 PL (M5, M6)
10716003	ORIFICE (QTY AR)
20197312	PRESSURE SWITCH (M1, M3, M5, M7, M9)
20197310	PRESSURE SWITCH (M2, M4, M6, M8, M10)
20162904	PRIMARY LIMIT (M1, M4, M7, M10)
20162903	PRIMARY LIMIT (M2, M3, M5, M8, M9)
20162906	PRIMARY LIMIT (M6)
10123535	RESET LIMIT, MANUAL (M1, M2, M3, M4, M5, M7, M8, M9, M10)
10123519	RESET LIMIT, MANUAL (M6)
10123533	RESET LIMIT, MANUAL (M1, M4, M5, M6, M7, M10)
10123533	RESET LIMIT, MANUAL (M2, M3, M8, M9)
B1141605	TRANSFORMER 120V TO 24V, 40V
20276016	WIRING HARNESS

SPECIAL PARTS

0161M00003P	AMANA NAMEPLATE
IO-254E	INSTALLATION INSTRUCTIONS
22323501	INSTRUCTIONS-HUMIDIFIER
IO-661	SPECIAL INSTRUCTIONS-MASSACHUSETTS
10195517Q	STANDPIPE BAG ASSY
HI-115A	USERS MANUAL

Expanded Model Nomenclature

M1 - DMS90453BXA	P1256701F
M2 - DMS90703BXA	P1256702F
M3 - DMS90704CXA	P1256703F
M4 - DMS90904CXA	P1256704F
M5 - DMS90905DXA	P1256705F
M6 - DMS91155DXA	P1256706F
M7 - DMS90453BXA	P1256707F
M8 - DMS90703BXA	P1256708F
M9 - DMS90704CXA	P1256709F
M10 - DMS90904CXA	P1256710F

Cabinet

Image 1

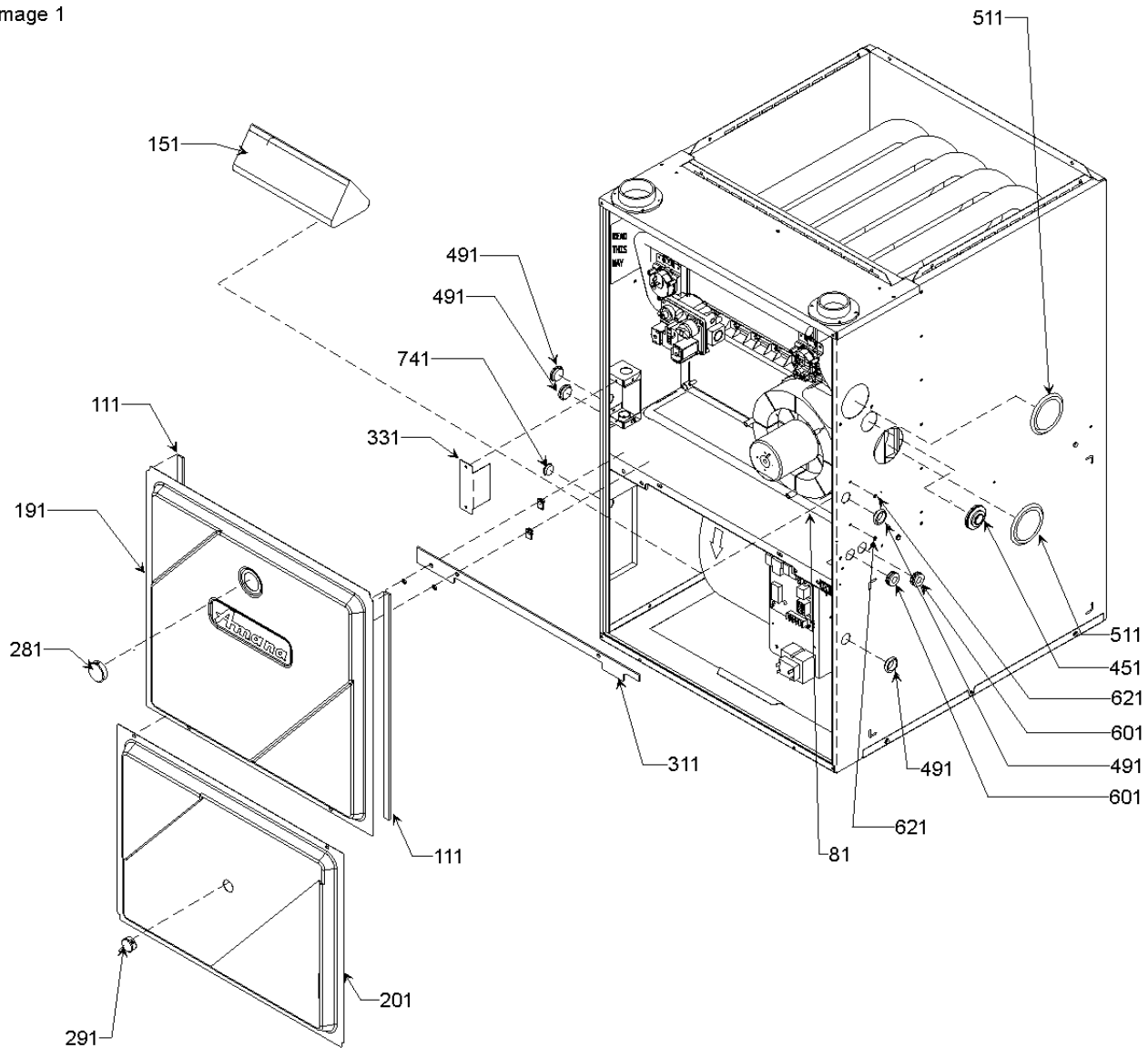
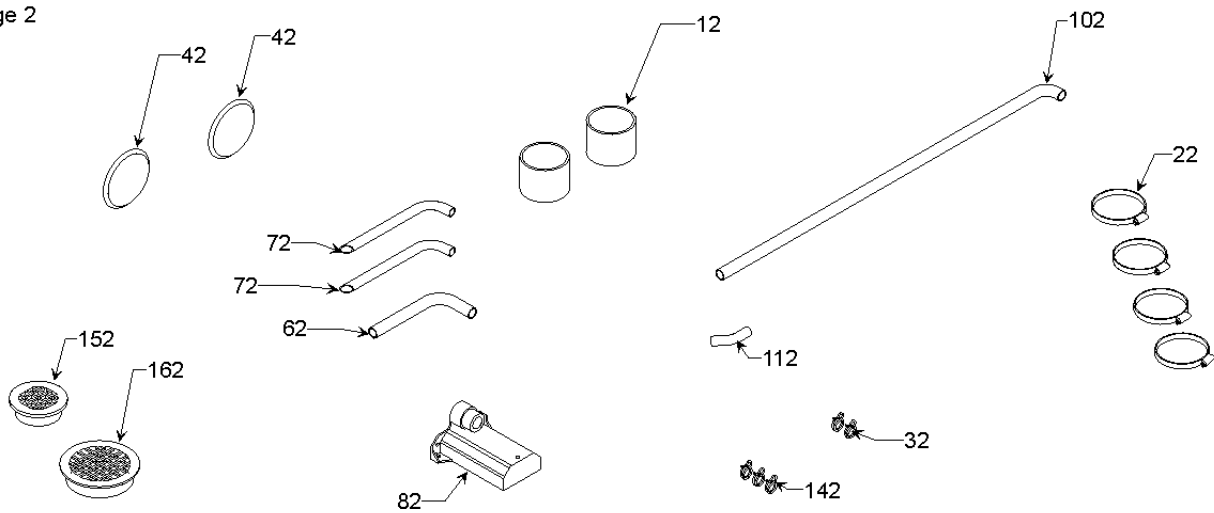


Image 2



Cabinet

Ref Part No:	Description:	Ref. Part No:	Description:
<i>Image 1:</i>		Expanded Model Nomenclature	
21	0161M00003P AMANA NAMEPLATE	M1 - DMS90453BXA	P1256701F
81	20201902 DRAIN HOSE	M2 - DMS90703BXA	P1256702F
111	20179308 GASKET (QTY 2)	M3 - DMS90704CXA	P1256703F
151	10195517Q STANDPIPE BAG ASSY	M4 - DMS90904CXA	P1256704F
191	0121F00066LG ACCESS DOOR (M1, M2, M7, M8)	M5 - DMS90905DXA	P1256705F
191	0121F00067LG ACCESS DOOR (M3, M4, M9, M10)	M6 - DMS91155DXA	P1256706F
191	0121F00068LG ACCESS DOOR (M5, M6)	M7 - DMS90453BXA	P1256707F
201	0121F00063LG BLOWER DOOR (M1, M2, M7, M8)	M8 - DMS90703BXA	P1256708F
201	0121F00064LG BLOWER DOOR (M3, M4, M9, M10)	M9 - DMS90704CXA	P1256709F
201	0121F00065LG BLOWER DOOR (M5, M6)	M10 - DMS90904CXA	P1256710F
201	0164M00013 HOSE, PRESSURE SWITCH (M1, M2, M7, M8)		
201	0164M00014 HOSE, PRESSURE SWITCH (M3, M4, M9, M10)		
201	0164M00017 HOSE, PRESSURE SWITCH (M5, M6)		
211	0164M00015 HOSE, PRESSURE SWITCH		
281	B1392139 VIEW PORT BUSHING-ACCESS DOOR		
291	11104002 VIEWPORT BUSHING-BLOWER DOOR		
311	22320001 DECK GASKET (M1, M2, M7, M8)		
311	22320002 DECK GASKET (M3, M4, M9, M10)		
311	22320003 DECK GASKET (M6)		
331	10736201 COVER, HIGH VOLTAGE BOX		
451	M0501301 PIPE GROMMET		
491	M0570808 BUTTON PLUG (QTY 4)		
511	M0570807 BUTTON PLUG (QTY 2)		
601	A4691701 GROMMET (QTY 2)		
621	M0310345 BUTTON PLUG (QTY 2)		
741	B1392104 UNIVERSAL BUSHING UB 875 (QTY 2)		
NS	0164M00002 HOSE, PRESSURE SWITCH		
NS	0164M00002 HOSE, PRESSURE SWITCH (QTY 2)		
<i>Image 2:</i>			
12	10254303 RUBBER COUPLING		
22	A3326002 HOSE CLAMP (QTY 2)		
32	M0119207 HOSE CLAMP		
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		

Blower Assembly

Image 1

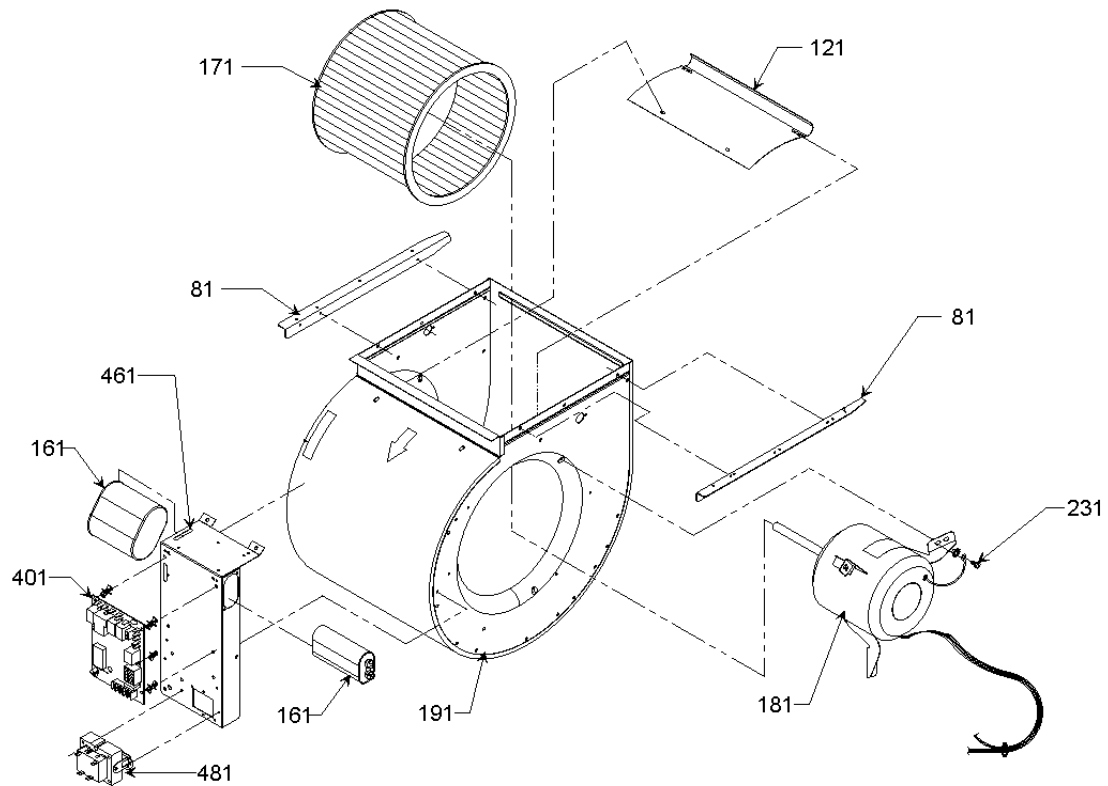
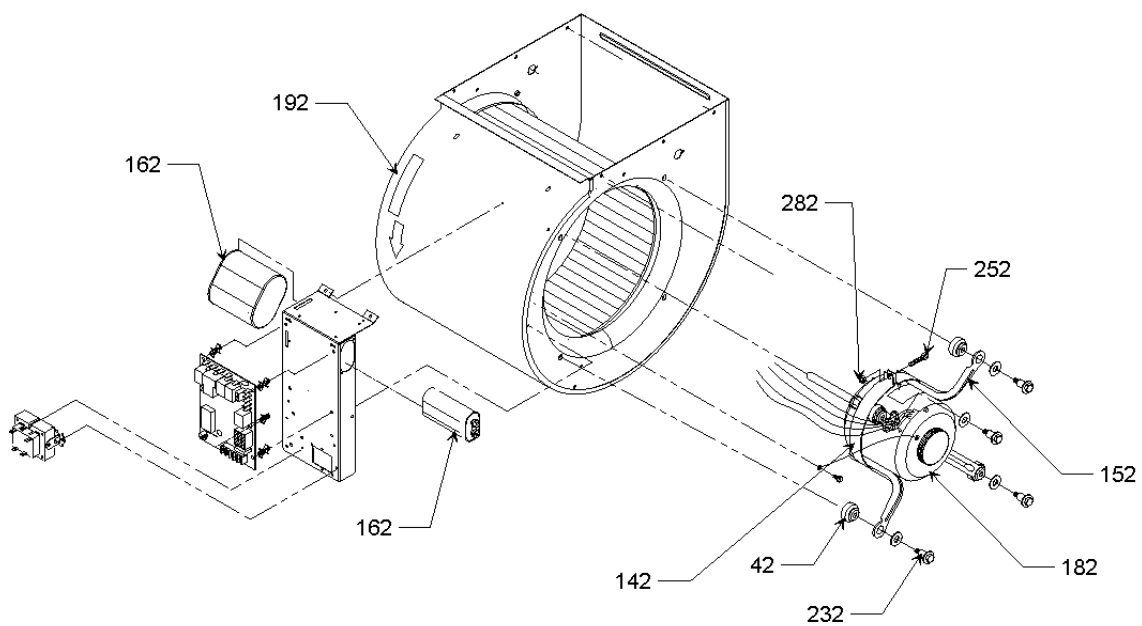


Image 2



Blower Assembly

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

81	20175101	SIDE RAIL, BLOWER (M1, M2, M3, M4, M5, M6)
121	764741F	BLOWER BLOCK-OFF 10 X 10 (M9, M10)
121	764740F	BLOWER BLOCK-OFF 10 X 8 (M7, M8)
121	C6121807	CUT-OFF (M3, M4, M5, M6)
121	C6121810	CUT-OFF (M1, M2)
161	CAP125000370VA	CAPACITOR 12.5/370V (M1, M2, M7, M8)
161	CAP200000370VA	CAPACITOR 20/370V (M3, M4, M9, M10)
171	D6723311	BLOWER WHEEL (M5, M6)
171	B1368047	BLOWER WHEEL 10 X 10 (M3, M4, M9, M10)
171	B1368058	BLOWER WHEEL 10 X 8 (M1, M2, M7, M8)
181	B1340024	MOTOR 1/2 HP, 4 SP, 6 PL (M3, M4, M9, M10)
181	B1340025	MOTOR 1/3 HP, 4 SP, 6 PL (M1, M2, M7, M8)
191	11185815	ASSY, BLOWER HOUSING (M3, M4)
191	11185819	ASSY, BLOWER HOUSING (M1, M2)
191	0271F00003P	ASSY, BLOWER HOUSING 10 X 10 (M9, M10)
191	0271F00000P	ASSY, BLOWER HOUSING 10 X 8 (M7, M8)
231	M0250558	TC SCREW (M7, M8, M9, M10)
231	M0250558	TC SCREW (M1, M2, M3, M4)
401	PCBBF112	IGNITION BOARD, HSI, INTEGRATED, W/ACC
461	0121F00025P	CONTROL BRACKET
481	B1141605	TRANSFORMER 120V TO 24V, 40V
NS	20276016	WIRING HARNESS

Image 2:

42	A4002701	GROMMET (M5, M6)
142	10441601	MOTOR MOUNT BAND (M5, M6)
152	10441501	MOTOR MOUNT ARM (M5, M6)
162	CAP150000370VA	CAPACITOR 15/370V (M5, M6)
182	10759415	MOTOR 3/4 HP, 4 SP, 8 PL (M5, M6)
192	0271F00048	ASSY, BLOWER HOUSING 11 X 10 (M6)
192	11185807	ASSY, BLOWER HOUSING 11 X 10 (M5)
232	M0221461	TC SCREW (M5, M6)
252	M0267144	MACHINE SCREW (M5, M6)
282	M0282015	KEPS NUT (M5, M6)

Expanded Model Nomenclature

M1 - DMS90453BXA	P1256701F
M2 - DMS90703BXA	P1256702F
M3 - DMS90704CXA	P1256703F
M4 - DMS90904CXA	P1256704F
M5 - DMS90905DXA	P1256705F
M6 - DMS91155DXA	P1256706F
M7 - DMS90453BXA	P1256707F
M8 - DMS90703BXA	P1256708F
M9 - DMS90704CXA	P1256709F
M10 - DMS90904CXA	P1256710F

Chassis

Image 1

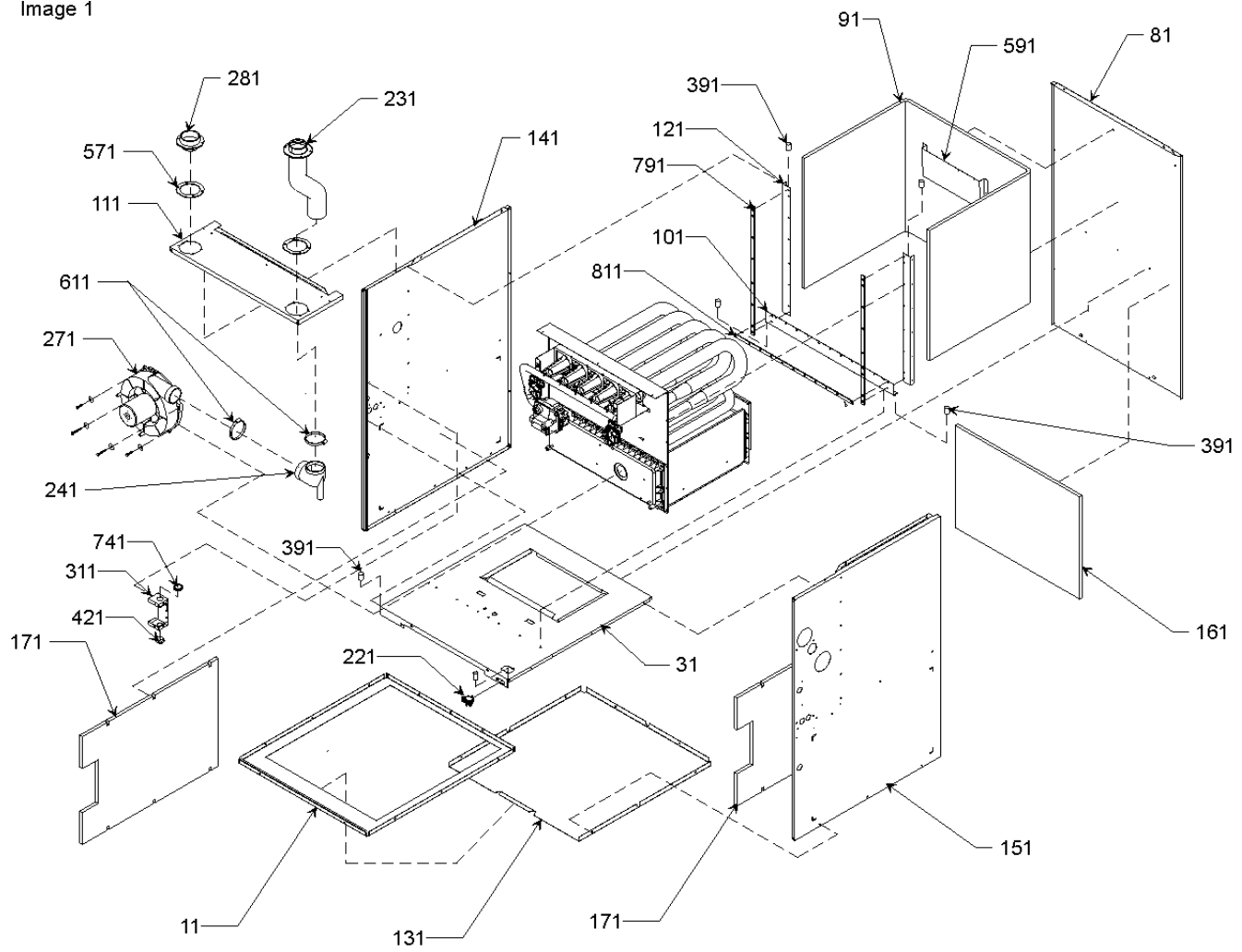
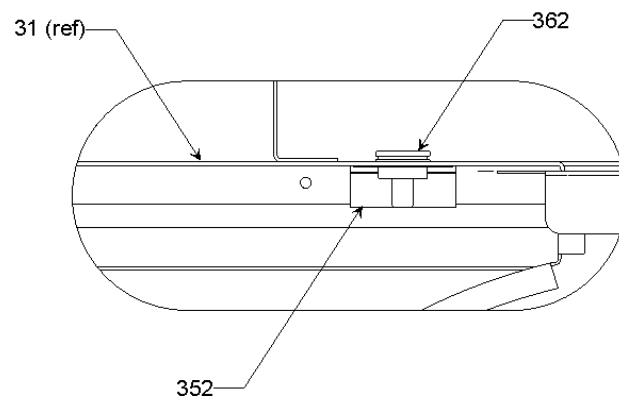


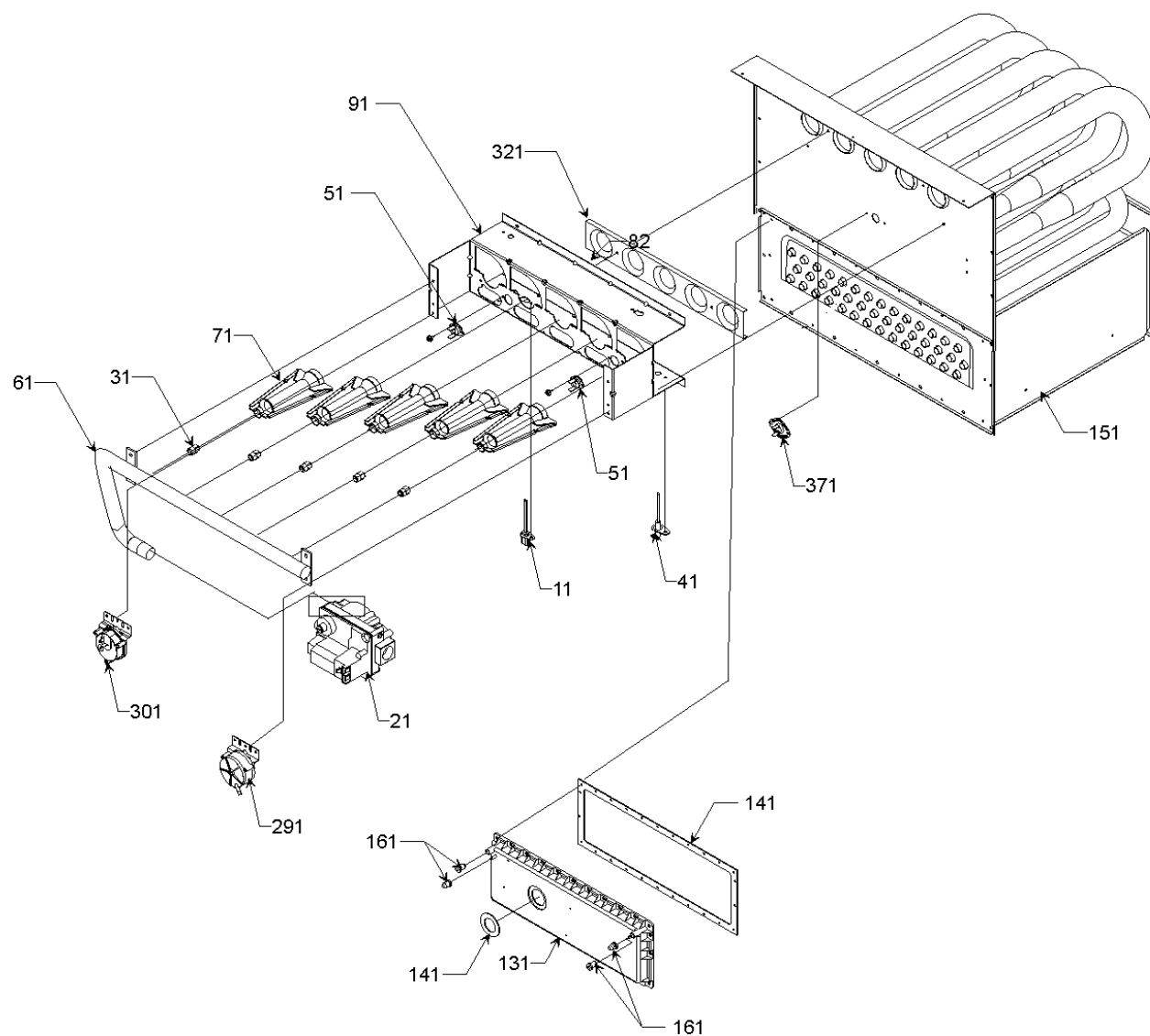
Image 2



Chassis

Ref Part No:	Description:	Ref. Part No:	Description:
<i>Image 1:</i>		571 0154F00001P	COIL GASKET (M3, M4, M9, M10)
11 20273407	BASEPAN (M1, M2, M7, M8)	571 0154F00002P	COIL GASKET (M5, M6)
11 20273409	BASEPAN (M3, M4, M9, M10)	591 11165107	SHIELD, ID BLOWER
11 20273411	BASEPAN (M5, M6)	611 A3326002	HOSE CLAMP (QTY 2)
31 0121F00015P	BLOWER DECK (M9, M10)	741 B1392104	UNIVERSAL BUSHING UB 875 (QTY 2)
31 20190227	BLOWER DECK (M5, M6)	791 20194608	GASKET (QTY 2)
31 20190231	BLOWER DECK (M1, M2)	811 20194605	GASKET (M1, M2, M7, M8)
31 20190232	BLOWER DECK (M3, M4)	811 20194606	GASKET (M3, M4, M9, M10)
31 0121F00043	BLOWER DECK 17.5" (M7, M8)	811 20194607	GASKET (M5, M6)
31 0121F00045	BLOWER DECK 20" (M9)	<i>Image 2:</i>	
81 20273208	BACK PANEL (M1, M2, M7, M8)	352 10861101	BRACKET, AUXILIARY LIMIT
81 20273210	BACK PANEL (M3, M4, M9, M10)	362 10123519	RESET LIMIT, MANUAL (M6)
81 20273212	BACK PANEL (M5, M6)	362 10123535	RESET LIMIT, MANUAL (M1, M2, M3, M4, M5, M7, M8, M9, M10)
91 C6415909	INSULATION, HEAT EXCHANGER (M5, M6)	Expanded Model Nomenclature	
91 C6415910	INSULATION, HEAT EXCHANGER (M1, M2, M7, M8)	M1 - DMS90453BXA	P1256701F
91 C6415911	INSULATION, HEAT EXCHANGER (M3, M4, M9, M10)	M2 - DMS90703BXA	P1256702F
101 0121F00018P	DECK RAIL (M7, M8)	M3 - DMS90704CXA	P1256703F
101 0121F00019P	DECK RAIL (M9, M10)	M4 - DMS90904CXA	P1256704F
101 20191303	DECK RAIL (M5, M6)	M5 - DMS90905DXA	P1256705F
101 20191304	DECK RAIL (M1, M2)	M6 - DMS91155DXA	P1256706F
101 20191305	DECK RAIL (M3, M4)	M7 - DMS90453BXA	P1256707F
111 0270F00100P	ASSY, TOP COVER (M1, M2, M7, M8)	M8 - DMS90703BXA	P1256708F
111 0270F00101P	ASSY, TOP COVER (M3, M4, M9, M10)	M9 - DMS90704CXA	P1256709F
111 0270F00102P	ASSY, TOP COVER (M5, M6)	M10 - DMS90904CXA	P1256710F
121 20191602	SIDE RAIL (M1, M2, M7, M8)		
121 20191603	SIDE RAIL (M3, M4, M9, M10)		
121 20191604	SIDE RAIL (M5, M6)		
131 20523801	FILLER PLATE (M1, M2, M7, M8)		
131 20523802	FILLER PLATE (M3, M4, M9, M10)		
131 20523803	FILLER PLATE (M5, M6)		
141 0121F00092DG	SIDE PANEL, LEFT		
151 0121F00090DG	SIDE PANEL, RIGHT		
161 20006601	INSULATION (M1, M2, M7, M8)		
161 20006602	INSULATION (M3, M4, M9, M10)		
161 20006603	INSULATION (M5, M6)		
171 20243503	SIDE INSULATION (QTY 2)		
221 10690402	INTERLOCK SWITCH		
231 22309501	FLUE PIPE		
241 20171802	ELBOW		
271 22307501	ID BLOWER		
281 20049701	FA COUPLING		
311 10736102	BOX, HIGH VOLTAGE		
391 M0275521	PLASTIC SEALER (QTY 2)		
421 A4554801	SNAP BUSHING		
571 0154F00000P	COIL GASKET (M1, M2, M7, M8)		

Heat Exchanger Assy/Manifold/Gas Valve



Heat Exchanger Assy/Manifold/Gas Valve

Ref Part No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>		Expanded Model Nomenclature	
11	20165703	IGNITOR	M1 - DMS90453BXA P1256701F
21	B1282628	GAS VALVE, MANIFOLD (36G)	M2 - DMS90703BXA P1256702F
31	10716003	ORIFICE (QTY AR)	M3 - DMS90704CXA P1256703F
41	0130F00010	FLAME SENSOR	M4 - DMS90904CXA P1256704F
51	0257F00038P	ASSY, HEAT EXCHANGER 2B (M7)	M5 - DMS90905DXA P1256705F
51	20418613	ASSY, HEAT EXCHANGER 2B (M1)	M6 - DMS91155DXA P1256706F
51	20418614	ASSY, HEAT EXCHANGER 3B (M2)	M7 - DMS90453BXA P1256707F
51	20418616	ASSY, HEAT EXCHANGER 4B (M4)	M8 - DMS90703BXA P1256708F
51	20418618	ASSY, HEAT EXCHANGER 5B (M6)	M9 - DMS90704CXA P1256709F
51	10123533	RESET LIMIT, MANUAL (M1, M4, M5, M6, M7, M10)	M10 - DMS90904CXA P1256710F
51	10123533	RESET LIMIT, MANUAL (M2, M3, M8, M9)	
61	20196401	MANIFOLD (M1, M7)	
61	20196402	MANIFOLD (M2, M3, M8, M9)	
61	20196403	MANIFOLD (M4, M5, M10)	
61	20196404	MANIFOLD (M6)	
71	10735102	BECKETT BURNER (QTY AR)	
91	20190410	BURNER BRACKET 2B (M1, M7)	
91	20190411	BURNER BRACKET 3B (M2, M3, M8, M9)	
91	20190412	BURNER BRACKET 4B (M4, M5, M10)	
91	20190413	BURNER BRACKET 5B (M6)	
131	20170801A	FRONT COVER (M1, M7)	
131	20170802A	FRONT COVER (M2, M8)	
131	20170901A	FRONT COVER (M3, M9)	
131	20170902A	FRONT COVER (M4, M10)	
131	20171001A	FRONT COVER (M5)	
131	20171002A	FRONT COVER (M6)	
141	0154F00000P	COIL GASKET (M1, M2, M7, M8)	
141	0154F00001P	COIL GASKET (M3, M4, M9, M10)	
141	0154F00002P	COIL GASKET (M5, M6)	
151	0257F00039P	ASSY, HEAT EXCHANGER 3B (M8)	
151	0257F00040P	ASSY, HEAT EXCHANGER 3B (M9)	
151	20418615	ASSY, HEAT EXCHANGER 3B (M3)	
151	0257F00041P	ASSY, HEAT EXCHANGER 4B (M10)	
151	20418617	ASSY, HEAT EXCHANGER 4B (M5)	
161	M0326804	TUBE PLUG (QTY 3)	
291	20197310	PRESSURE SWITCH (M2, M4, M6, M8, M10)	
301	20197312	PRESSURE SWITCH (M1, M3, M5, M7, M9)	
321	11072201	ORIFICE SHIELD (M1, M7)	
321	11072202	ORIFICE SHIELD (M2, M3, M8, M9)	
321	11072203	ORIFICE SHIELD (M4, M5, M10)	
321	11072204	ORIFICE SHIELD (M6)	
371	20162903	PRIMARY LIMIT (M2, M3, M5, M8, M9)	
371	20162904	PRIMARY LIMIT (M1, M4, M7, M10)	
371	20162906	PRIMARY LIMIT (M6)	