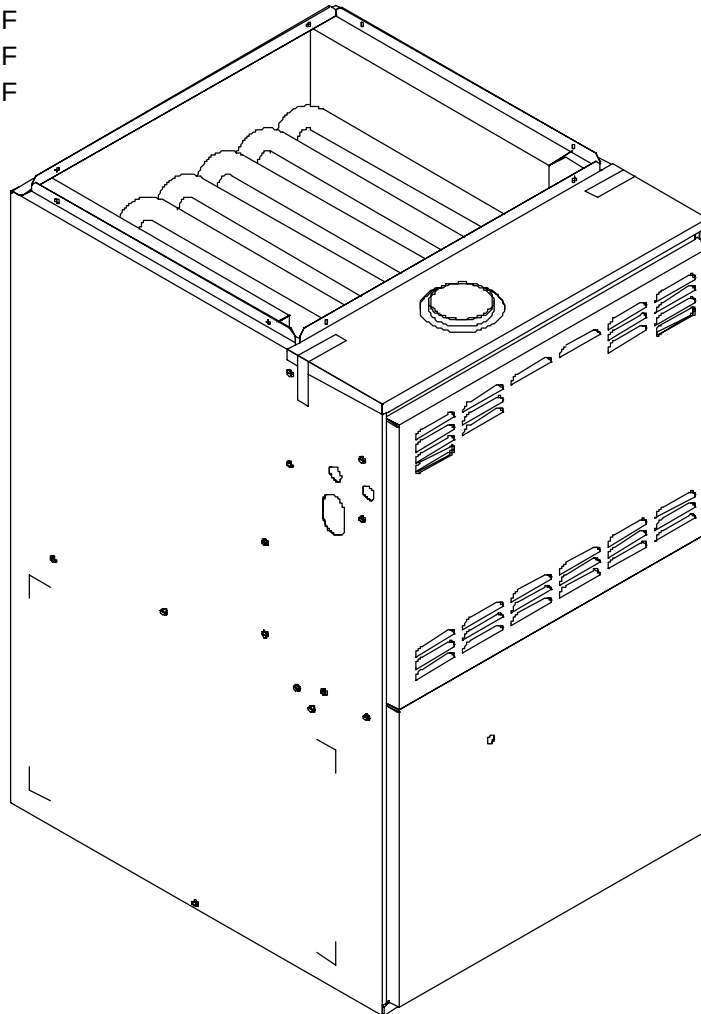


REPAIR PARTS

GUIV Variable Speed Gas Furnace

GUIV070CX40	P1230203F
GUIV070FX40	P1246903F
GUIV090CX50	P1230205F
GUIV090FX50	P1246905F
GUIV115CX50	P1230207F
GUIV115FX50	P1246907F
GUIV140CX50	P1230208F
GUIV140FX50	P1246908F



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RP6620033 Rev.3
November 2007

This manual replaces RP6620033 Rev. 2.
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Important Information

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Views shown are for parts illustrations only, not servicing procedures

Rev. 3: Corrected blower housing part numbers.

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:

10735102S	BECKETT BURNER (QTY 3)
20257702	BLOWER MOTOR EC 1/2 (M1)
10735201	FLAME SENSOR
0151F00000P	GAS VALVE
11094103	HEAT EXCHANGER ASSY (M2, M6)
11094104	HEAT EXCHANGER ASSY (M3, M7)
11094105	HEAT EXCHANGER ASSY (M4, M8)
11094102	HEAT EXCHANGER ASSY (M1, M5)
PCBBF115	IGNITION BOARD, HSI INTEGRATED (M1, M2, M3, M4)
10735003	IGNITOR (M1, M2, M3, M4)
11111701	IGNITOR-SINI (M5, M6, M7, M8)
20218901	INDUCTOR COIL (M2, M3, M4, M6, M7, M8)
20300004	INTEGRATED CONTROL (M5, M6, M7, M8)
20158901	INTERFACE BOARD (M1, M2, M3, M4)
B1370818	INTERLOCK SWITCH
10568802	MANIFOLD 3 BURNER (M1, M5)
10568803	MANIFOLD 4 BURNER (M2, M6)
10568804	MANIFOLD 5 BURNER (M3, M7)
10568805	MANIFOLD 6 BURNER (M4, M8)
10123529	MANUAL RESET LIMIT (M2, M6)
10123525	MANUAL RESET LIMIT (M3, M4, M7, M8)
10123531	MANUAL RESET LIMIT (M3, M4, M7, M8)
10123527	MANUAL RESET LIMIT (M1, M5)
10123535	MANUAL RESET LIMIT (M1, M2, M5, M6)
0231K00006A	MOTOR 1/2 HP PROGRAMMED (M5)
0231K00013A	MOTOR 3/4 HP PROGRAMMED (M3, M4)
0231K00020A	MOTOR 3/4 HP PROGRAMMED (M7, M8)
0231K00012A	MOTOR 3/4 HP PROGRAMMED (M2)
0231K00019A	MOTOR 3/4 HP PROGRAMMED (M6)
10716003	ORIFICE (QTY AR)
10728337	PRIMARY LIMIT (M4, M8)
10728336	PRIMARY LIMIT (M3, M7)
10728334	PRIMARY LIMIT (M2, M6)
10728326	PRIMARY LIMIT (M1)
C6349703	TRANSFORMER
11176908	WIRING HARNESS (M5, M6, M7, M8)
11176907	WIRING HARNESS (M1, M2, M3, M4)
20159002	WIRING HARNESS (M1, M2, M3, M4)
20159103	WIRING HARNESS (M1, M2, M3, M4)
11118705	WIRING HARNESS
20159104	WIRING HARNESS (M5, M6, M7, M8)

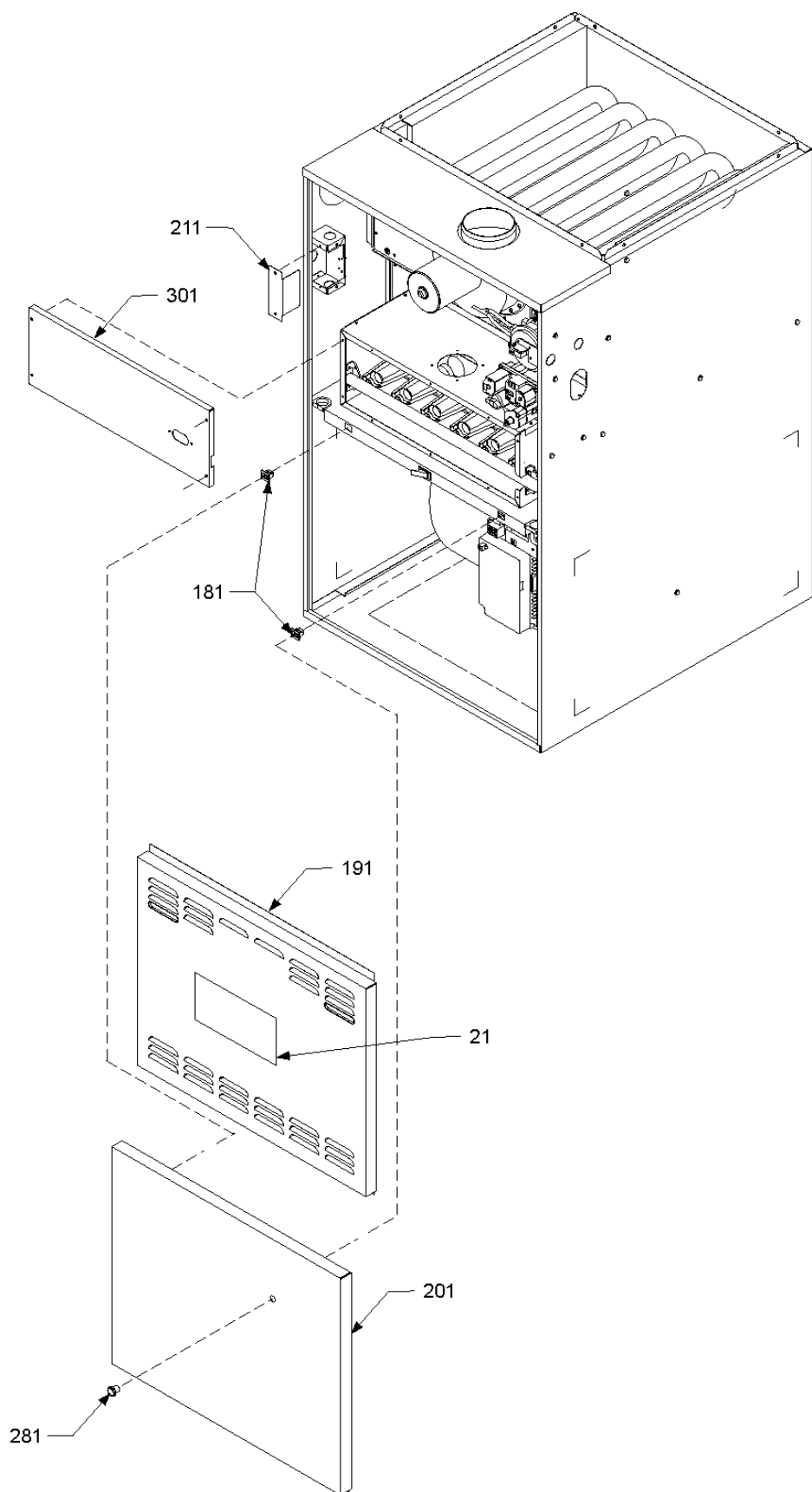
SPECIAL PARTS

10759837S	INSTALLATION INSTRUCTIONS (M5, M6, M7, M8)
10759824S	INSTALLATION INSTRUCTIONS (M1, M2, M3, M4)
10772907S	INSTALLATION INSTRUCTIONS
20213106	NAMEPLATE
20213213	NAMEPLATE-AMANA
RP6620033	REPAIR PARTS MANUAL
10759625S	USERS MANUAL (M5, M6, M7, M8)
10759617S	USERS MANUAL (M1, M2, M3, M4)
20024603S	VENTING MANUAL (M1, M2, M3, M4)
20024604S	VENTING MANUAL (M5, M6, M7, M8)

Expanded Model Nomenclature

M1 - GUIV070CX40	P1230203F
M2 - GUIV090CX50	P1230205F
M3 - GUIV115CX50	P1230207F
M4 - GUIV140CX50	P1230208F
M5 - GUIV070FX40	P1246903F
M6 - GUIV090FX50	P1246905F
M7 - GUIV115FX50	P1246907F
M8 - GUIV140FX50	P1246908F

Front Panels



Front Panels

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

Image 1:

21	20213213	NAMEPLATE-AMANA
181	10690002	DOOR CATCH ASSY (QTY 2)
191	20272901	ACCESS DOOR (M1, M5)
191	20272902	ACCESS DOOR (M2, M6)
191	20272903	ACCESS DOOR (M3, M4, M7, M8)
201	20272801	BLOWER DOOR (M1, M5)
201	20272802	BLOWER DOOR (M2, M6)
201	20272803	BLOWER DOOR (M3, M4, M7, M8)
211	10736201	HIGH VOLTAGE BOX COVER
281	11104001	VIEWPORT BUSHING
301	10734607	BURNER BOX FRONT (M1, M5)
301	10734608	BURNER BOX FRONT (M2, M6)
301	10734609	BURNER BOX FRONT (M3, M7)
301	10734610	BURNER BOX FRONT (M4, M8)
371	10728326	PRIMARY LIMIT (M1)
371	10728334	PRIMARY LIMIT (M2, M6)
371	10728336	PRIMARY LIMIT (M3, M7)
371	10728337	PRIMARY LIMIT (M4, M8)
371	10728339	PRIMARY LIMIT (M5)

Expanded Model Nomenclature

M1 - GUIV070CX40	P1230203F
M2 - GUIV090CX50	P1230205F
M3 - GUIV115CX50	P1230207F
M4 - GUIV140CX50	P1230208F
M5 - GUIV070FX40	P1246903F
M6 - GUIV090FX50	P1246905F
M7 - GUIV115FX50	P1246907F
M8 - GUIV140FX50	P1246908F

Partition Tube/Collector Box/Manifold

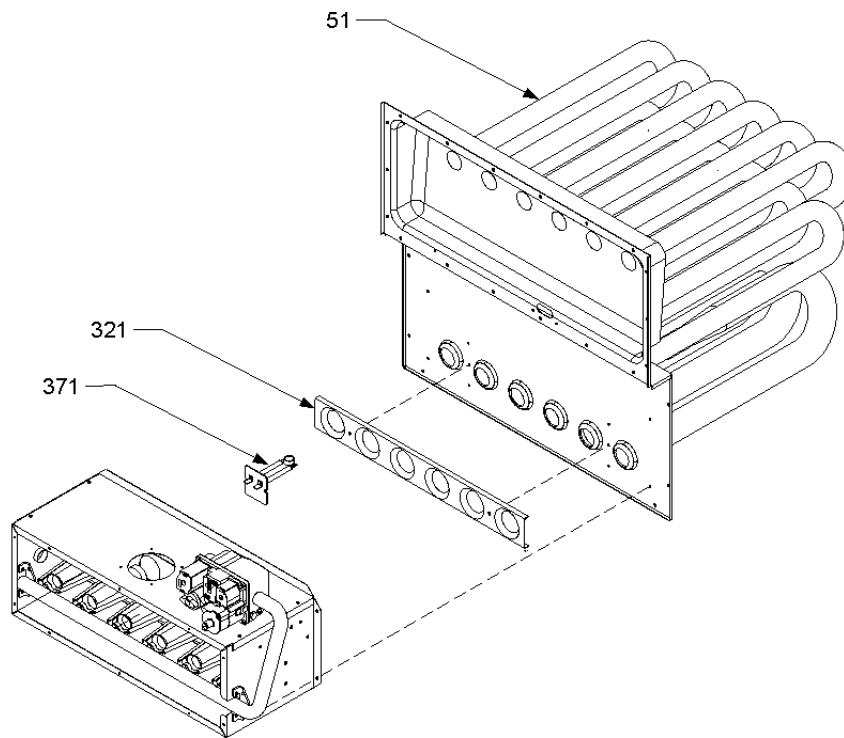
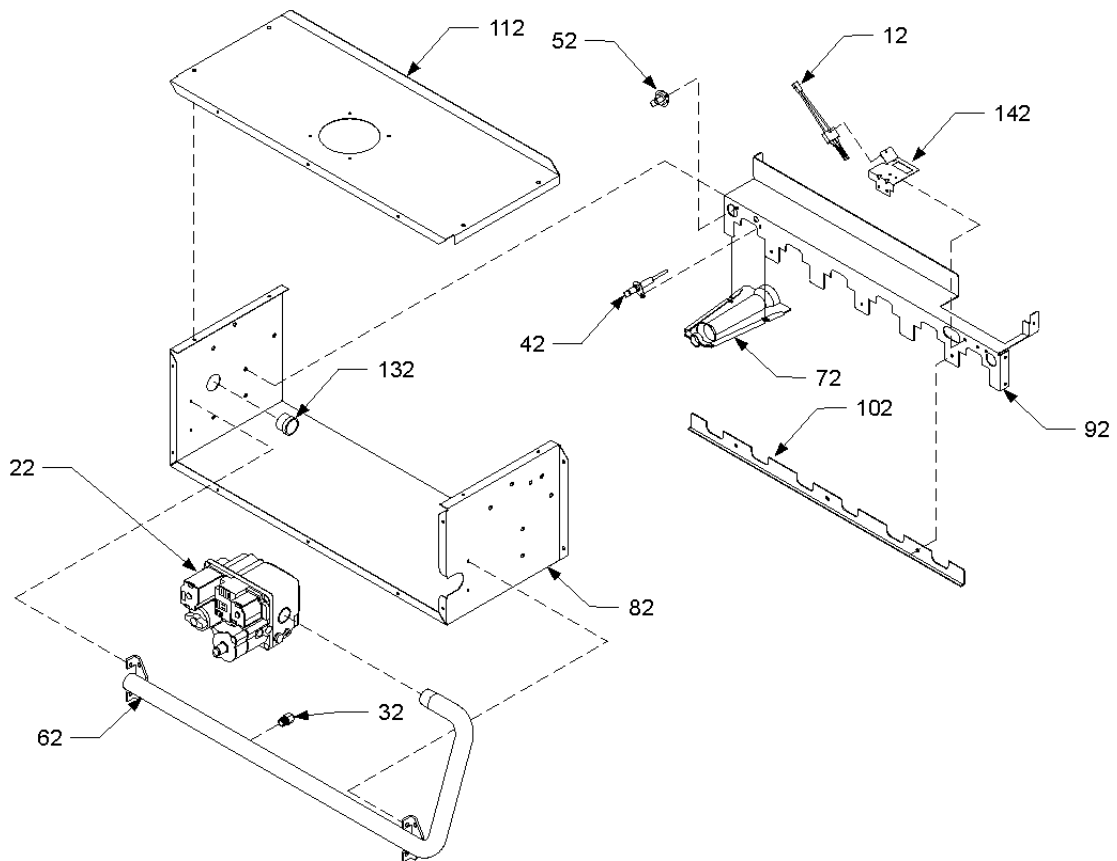


Image 1

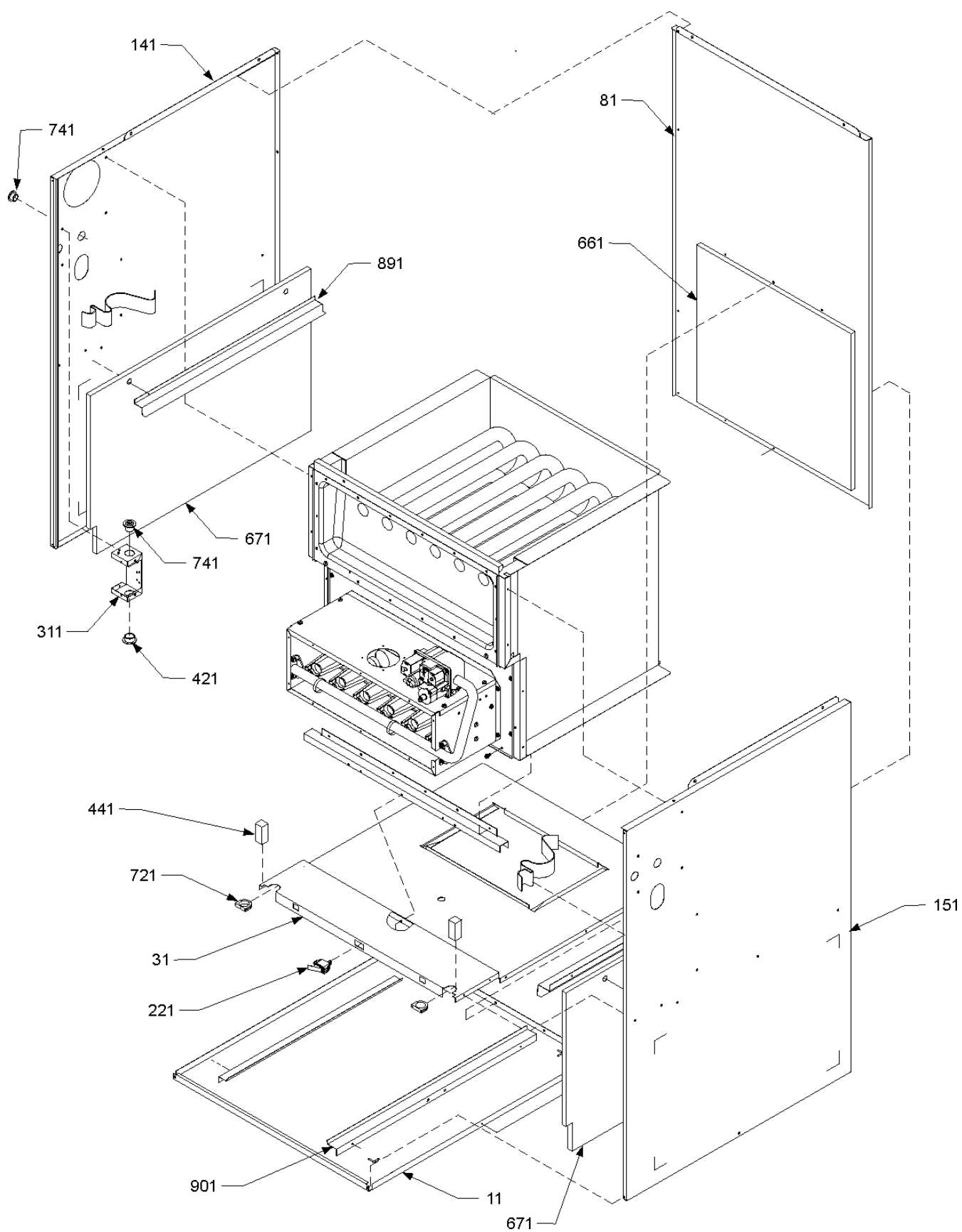
Image 2



Partition Tube/Collector Box/Manifold

Ref Part No:	Description:	Ref. Part No:	Description:
<i>Image 1:</i>		Expanded Model Nomenclature	
51	11094102	HEAT EXCHANGER ASSY (M1, M5)	M1 - GUIV070CX40 P1230203F
51	11094103	HEAT EXCHANGER ASSY (M2, M6)	M2 - GUIV090CX50 P1230205F
51	11094104	HEAT EXCHANGER ASSY (M3, M7)	M3 - GUIV115CX50 P1230207F
51	11094105	HEAT EXCHANGER ASSY (M4, M8)	M4 - GUIV140CX50 P1230208F
321	11072202	ORIFICE SHIELD (M1, M5)	M5 - GUIV070FX40 P1246903F
321	11072203	ORIFICE SHIELD (M2, M6)	M6 - GUIV090FX50 P1246905F
321	11072204	ORIFICE SHIELD (M3, M7)	M7 - GUIV115FX50 P1246907F
321	11072205	ORIFICE SHIELD (M4, M8)	M8 - GUIV140FX50 P1246908F
<i>Image 2:</i>			
12	10735003	IGNITOR (M1, M2, M3, M4)	
12	11111701	IGNITOR-SINI (M5, M6, M7, M8)	
22	0151F00000P	GAS VALVE	
32	10716003	ORIFICE (QTY AR)	
42	10735201	FLAME SENSOR	
52	10123527	MANUAL RESET LIMIT (M1, M5)	
52	10123529	MANUAL RESET LIMIT (M2, M6)	
52	10123531	MANUAL RESET LIMIT (M3, M4, M7, M8)	
62	10568802	MANIFOLD 3 BURNER (M1, M5)	
62	10568803	MANIFOLD 4 BURNER (M2, M6)	
62	10568804	MANIFOLD 5 BURNER (M3, M7)	
62	10568805	MANIFOLD 6 BURNER (M4, M8)	
72	10735102S	BECKETT BURNER (QTY 3)	
82	10734411	BURNER BOX (M1, M5)	
82	10734412	BURNER BOX (M2, M6)	
82	10734413	BURNER BOX (M3, M7)	
82	10734414	BURNER BOX (M4, M8)	
92	11008102	BURNER BRACKET (M1, M5)	
92	11008104	BURNER BRACKET (M3, M7)	
92	11008105	BURNER BRACKET (M4, M8)	
92	11008103	BURNER BRACKET SERVICE (M2, M6)	
102	10734702	LOCK BURNER BRACKET (M1, M5)	
102	10734705	LOCK BURNER BRACKET (M4, M8)	
102	10734703	LOCK BURNER BRACKET SERVICE (M2, M6)	
102	10734704	LOCK BURNER BRACKET SERVICE (M3, M7)	
112	10734503	BURNER BOX TOP (M2, M6)	
112	10734504	BURNER BOX TOP (M3, M7)	
112	10734505	BURNER BOX TOP (M4, M8)	
112	20177102	BURNER BOX TOP (M1, M5)	
132	A4554801	SNAP BUSHING (QTY 2)	
142	11008703	SENSOR BRACKET	

Outer Cabinet



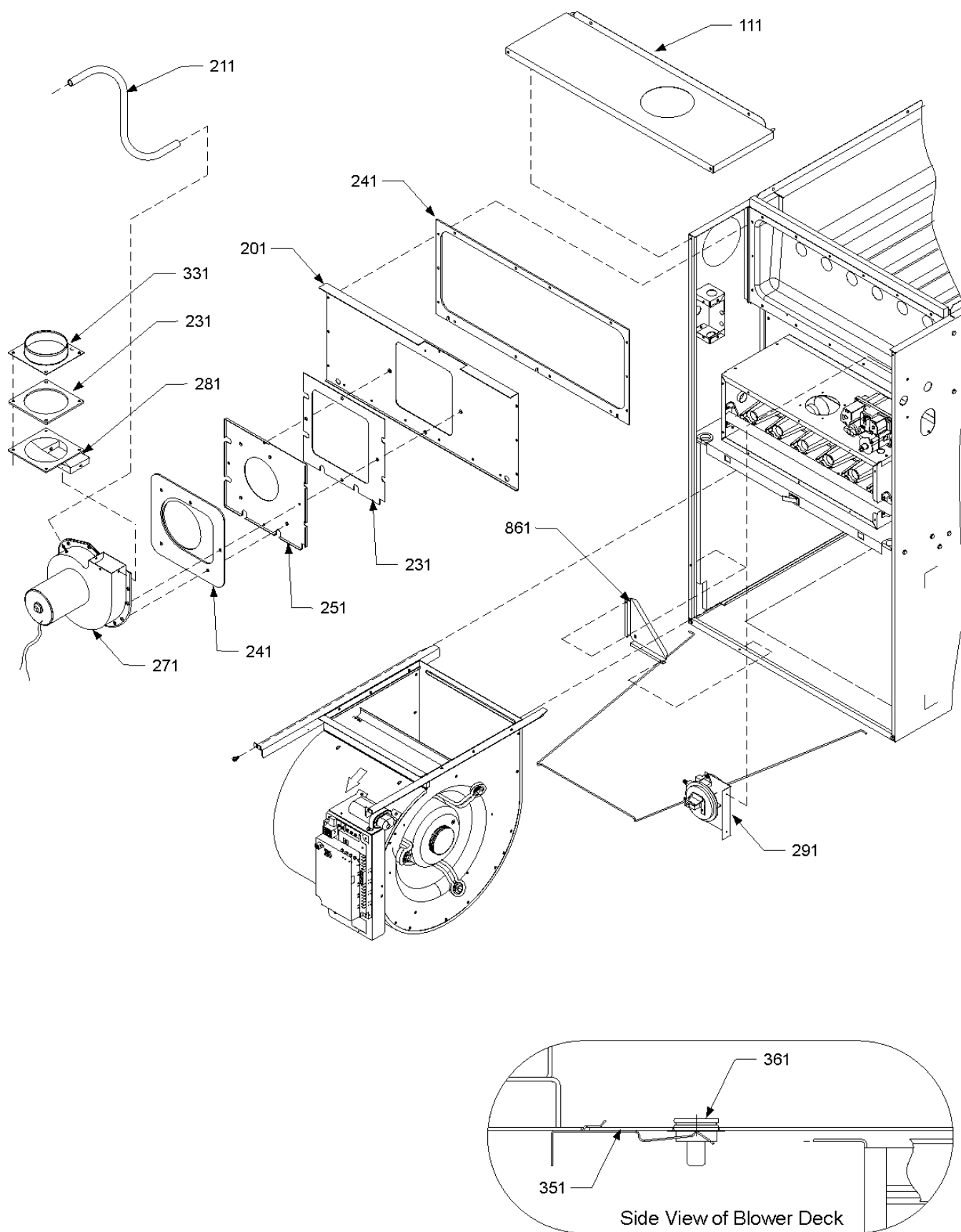
Outer Cabinet

Ref Part No:	Description:	Ref. Part No:	Description:
<i>Image 1:</i>			
11	20273401	BASEPAN (M1, M5)	
11	20273404	BASEPAN (M2, M6)	
11	20273405	BASEPAN (M3, M4, M7, M8)	
31	11034806	BLOWER DECK (M1, M5)	
31	11034808	BLOWER DECK (M2, M6)	
31	11034809	BLOWER DECK (M3, M4, M7, M8)	
81	20273201	BACK PANEL (M1, M5)	
81	20273202	BACK PANEL (M2, M6)	
81	20273203	BACK PANEL (M3, M4, M7, M8)	
141	20273601	LH SIDE PANEL	
151	20273701	RH SIDE PANEL	
221	B1370818	INTERLOCK SWITCH	
311	10736102	HIGH VOLTAGE BOX	
421	A4554801	SNAP BUSHING (QTY 2)	
441	11001301	COMPARTMENT GASKET (QTY 2)	
661	20006601	INSULATION (M1, M5)	
661	20006602	INSULATION (M2, M6)	
661	20006603	INSULATION (M3, M4, M7, M8)	
671	20243502	SIDE INSULATION (QTY 2)	
721	A4568804	D GROMMET (QTY 2)	
741	B1392104	UNIVERSAL BUSHING UB 875 (QTY 2)	
891	10690301	FILTER ANGLE (M1, M2, M3, M4)	
901	20242801	FILTER RAIL (M1, M2, M3, M4)	

Expanded Model Nomenclature

M1 - GUIV070CX40	P1230203F
M2 - GUIV090CX50	P1230205F
M3 - GUIV115CX50	P1230207F
M4 - GUIV140CX50	P1230208F
M5 - GUIV070FX40	P1246903F
M6 - GUIV090FX50	P1246905F
M7 - GUIV115FX50	P1246907F
M8 - GUIV140FX50	P1246908F

Vent System/Controls



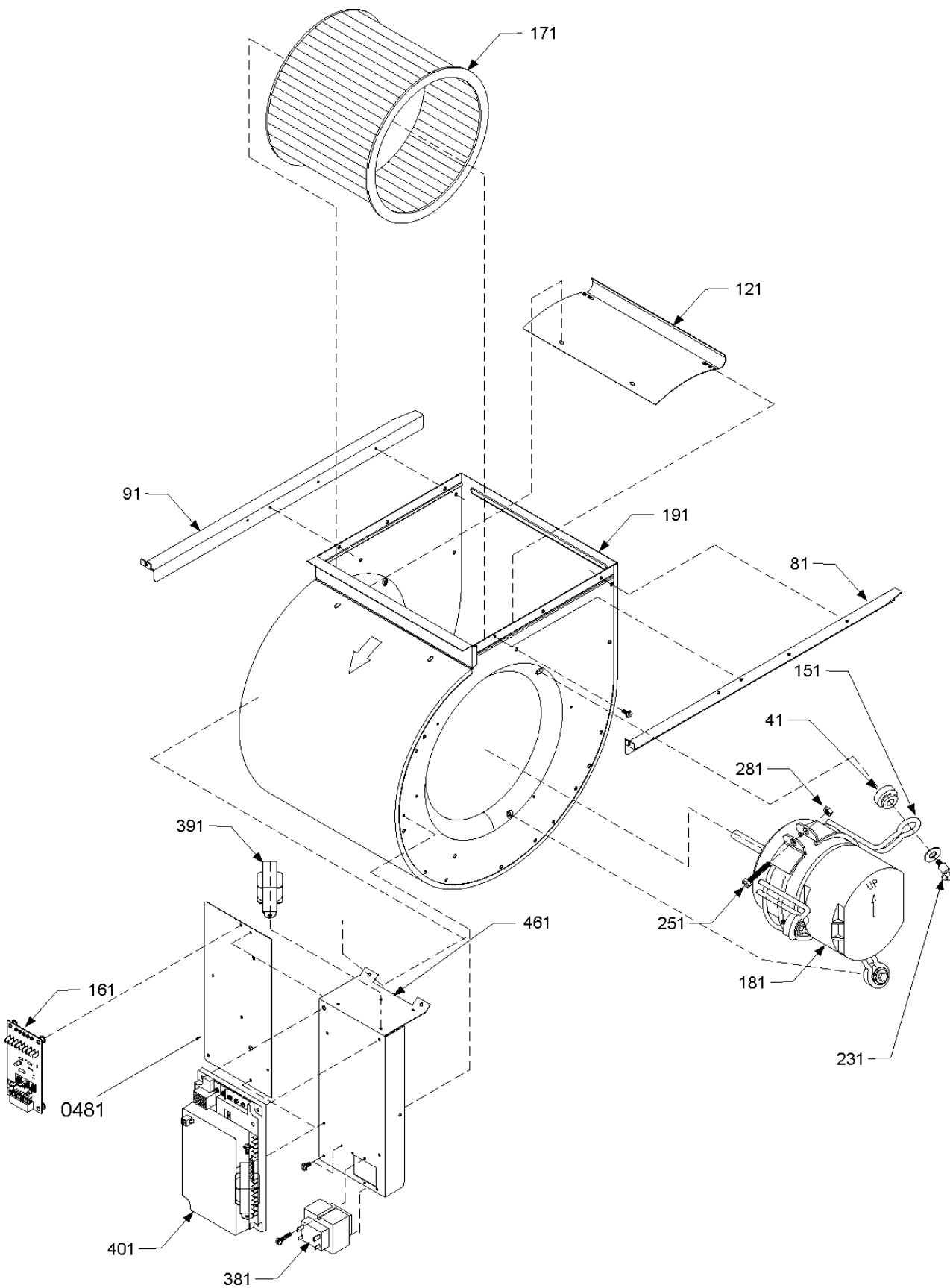
Vent System/Controls

Ref Part No:	Description:	Ref. Part No: No:	Description:
<i>Image 1:</i>			
111 20273307	FLUE COVER (M1, M5)		
111 20273308	FLUE COVER (M2, M6)		
111 20273309	FLUE COVER (M3, M4, M7, M8)		
201 10764404	PARTITION PLATE (M1, M5)		
201 10764405	PARTITION PLATE (M2, M6)		
201 10764406	PARTITION PLATE (M3, M4, M7, M8)		
211 B1410310	PRESSURE SWITCH HOSE		
231 10764601	ROTATING PLATE GASKET		
241 11142201	COLLECTOR BOX/ID GASKET (M1, M5)		
241 11142202	COLLECTOR BOX/ID GASKET (M2, M6)		
241 11142203	COLLECTOR BOX/ID GASKET (M3, M4, M7, M8)		
251 10764308	ROTATING PLATE (M1, M5)		
251 10764309	ROTATING PLATE (M4, M8)		
251 10764320	ROTATING PLATE (M2, M3, M6, M7)		
271 11177202	ID BLOWER		
281 11072302	ID BLOWER TRAN		
291 11177102	PRESSURE SWITCH (M2, M6)		
291 11177103	PRESSURE SWITCH (M1, M5)		
291 11177104	PRESSURE SWITCH (M4, M8)		
291 11177105	PRESSURE SWITCH (M3, M7)		
331 11009701	TRAN PLATE TOP		
351 10861101	AUXILIARY LIMIT BRACKET		
361 10123525	MANUAL RESET LIMIT (M3, M4, M7, M8)		
361 10123535	MANUAL RESET LIMIT (M1, M2, M5, M6)		
861 11094903	CORNER BRACKET (QTY 2)		

Expanded Model Nomenclature

M1 - GUIV070CX40	P1230203F
M2 - GUIV090CX50	P1230205F
M3 - GUIV115CX50	P1230207F
M4 - GUIV140CX50	P1230208F
M5 - GUIV070FX40	P1246903F
M6 - GUIV090FX50	P1246905F
M7 - GUIV115FX50	P1246907F
M8 - GUIV140FX50	P1246908F

Blower



Blower

Ref. Part No:	Description:	Ref. Part No:	Description:
<i>Image 1:</i>			
41	A4002702		GROMMET (QTY 3)
81	10744901		BLOWER SIDE RAIL
91	10744902		BLOWER SIDE RAIL
121	C6121806		CUT-OFF (M3, M4, M7, M8)
121	C6121810		CUT-OFF (M1, M2, M5, M6)
151	C9443701		MOTOR MOUNT BRACKET (M3, M4, M7, M8)
151	C9443702		MOTOR MOUNT BRACKET (M1, M2, M5, M6)
161	20158901		INTERFACE BOARD (M1, M2, M3, M4)
171	D6723302S		BLOWER WHEEL (M1, M2, M5, M6)
171	D6723303S		BLOWER WHEEL (M3, M4, M7, M8)
181	20257702		BLOWER MOTOR EC 1/2 (M1)
181	0231K00006A		MOTOR 1/2 HP PROGRAMMED (M5)
181	0231K00012A		MOTOR 3/4 HP PROGRAMMED (M2)
181	0231K00013A		MOTOR 3/4 HP PROGRAMMED (M3, M4)
181	0231K00019A		MOTOR 3/4 HP PROGRAMMED (M6)
181	0231K00020A		MOTOR 3/4 HP PROGRAMMED (M7, M8)
191	11185803		BLOWER HOUSING ASSY (M1, M2, M5, M6)
191	11185804		BLOWER HOUSING ASSY (M3, M4, M7, M8)
231	M0221461		TC SCREW (QTY 3)
251	M0267144		MACHINE SCREW
281	M0282015		KEPS NUT
381	C6349703		TRANSFORMER
391	20218901		INDUCTOR COIL (M2, M3, M4, M6, M7, M8)
401	PCBBF115		IGNITION BOARD, HSI INTEGRATED (M1, M2, M3, M4)
401	20300004		INTEGRATED CONTROL (M5, M6, M7, M8)
461	10746205		CONTROL BRACKET
481	20214001		BOARD PLATE (M1, M2, M3, M4)
NS	11118705		WIRING HARNESS
NS	11176907		WIRING HARNESS (M1, M2, M3, M4)
NS	11176908		WIRING HARNESS (M5, M6, M7, M8)
NS	20159002		WIRING HARNESS (M1, M2, M3, M4)
NS	20159103		WIRING HARNESS (M1, M2, M3, M4)
NS	20159104		WIRING HARNESS (M5, M6, M7, M8)

Expanded Model Nomenclature

M1 - GUIV070CX40	P1230203F
M2 - GUIV090CX50	P1230205F
M3 - GUIV115CX50	P1230207F
M4 - GUIV140CX50	P1230208F
M5 - GUIV070FX40	P1246903F
M6 - GUIV090FX50	P1246905F
M7 - GUIV115FX50	P1246907F
M8 - GUIV140FX50	P1246908F