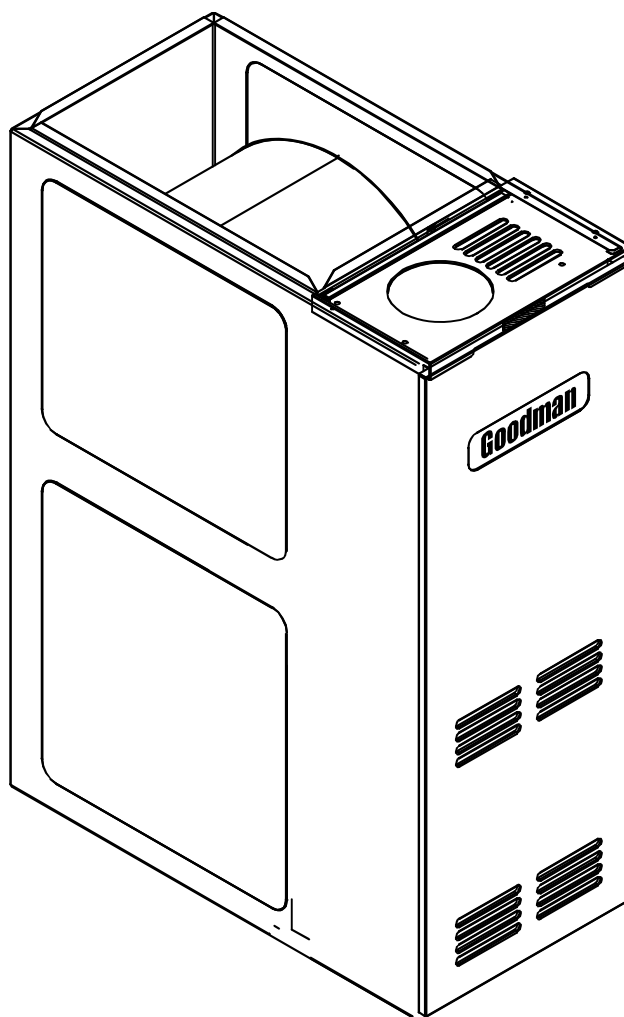




REPAIR PARTS

GDS8 Parts Catalog

GDS80453ANA
GDS80453AXA
GDS80703ANA
GDS80703AXA
GDS80904BNA
GDS80904BXA
GDS81155CNA
GDS81155CXA



Made in the USA by:
Goodman Manufacturing Company, L.P.
2550 North Loop West, Suite 400
Houston Texas 77092

www.goodmanmfg.com

RP-247B
Revision 0
September 2005

Important Information

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Illustration and Parts	4 - 11

Views shown are for parts illustrations only, not servicing procedures

Rev. B: Added GDS81155CXA mod

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 _____

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. Goodman® brand products are made proudly in the

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:

B1370176	AIR PRESSURE SWITCH, .47" WC (M2, M3)
B1370142	AIR PRESSURE SWITCH, .60" WC (M1, M7)
B1370179	AIR PRESSURE SWITCH, .75" WC (M4, M5)
B1370150	AIR PRESSURE SWITCH, .85" WC (M6, M8)
B1370155	AUXILIARY LIMIT SWITCH 120°F
B1368047	BLOWER WHEEL (10 X 10) (M6, M8)
B1368034	BLOWER WHEEL (10 X 6) (M1, M2, M3, M7)
B1368016	BLOWER WHEEL (10 X 8) (M4, M5)
B945672	CAPACITOR, 12.5/370 MFD (M1, M2, M3, M7)
B945665	CAPACITOR, 20/370 MFD (M4, M5, M6, M8)
B1370819	DOOR SWITCH
B1172606	FLAME SENSOR
B4026005	GAS MANIFOLD, 2 CELL (M1, M7)
B4026006	GAS MANIFOLD, 3 CELL (M2, M3)
B4026007	GAS MANIFOLD, 4 CELL (M4, M5)
B4026008	GAS MANIFOLD, 5 CELL (M6, M8)
B4089343	GAS ORIFICE, #43 (QTY 2) (M1, M7)
B4089343	GAS ORIFICE, #43 (QTY 3) (M2, M3)
B4089343	GAS ORIFICE, #43 (QTY 4) (M4, M5)
B4089343	GAS ORIFICE, #43 (QTY 5) (M6, M8)
B1282628	GAS VALVE
B1809926S	H.S.I. BOARD, 12-PIN
0259F00007P	HARNESS-WIRE, 12 PIN
0259F00009P	HARNESS-WIRE, 15 PIN FEMALE
0259F00008P	HARNESS-WIRE, 15 PIN MALE
B4068406	HARNESS-WIRE, IGNITOR 2-PIN
4021300S	HEAT EXCHANGER SUB ASM., 2 CELL 14" (M1, M7)
4021307S	HEAT EXCHANGER SUB ASM., 3 CELL 14" (M2, M3)
4021309S	HEAT EXCHANGER SUB ASM., 4 CELL 17.5" (M4, M5)
4021311S	HEAT EXCHANGER SUB ASM., 5 CELL 21" (M6, M8)
A3468601	HOSE, AIR PRESSURE SWITCH
20165703	IGNITOR
10624003	INSERT-MESH TUBES, 2 CELL (M7)
10624003	INSERT-MESH TUBES, 3 CELL (M3)
10624003	INSERT-MESH TUBES, 4 CELL (M5)
10624003	INSERT-MESH TUBES, 5 CELL (M8)
B4022700	INSHOT BURNER, (QTY 2) (M1, M7)
B4022700	INSHOT BURNER, (QTY 3) (M2, M3)
B4022700	INSHOT BURNER, (QTY 4) (M4, M5)
B4022700	INSHOT BURNER, (QTY 5) (M6, M8)
B1340024	MOTOR, DIRECT DRIVE 1/2 HP (M4, M5, M6, M8)
B1340025	MOTOR, DIRECT DRIVE 1/3 HP (M1, M2, M3, M7)
0131M00002P	MOTOR, VENT 80%
B1370145	ROLLOUT, SWITCH 300°F W/O BRKT.
B1370194	SWITCH, PRIMARY LIMIT, 250°F (M6, M8)

B1370195 SWITCH, PRIMARY LIMIT, 300°F (M2, M3, M4, M5)

B1141605 TRANSFORMER 120V TO 24V, 40 VA

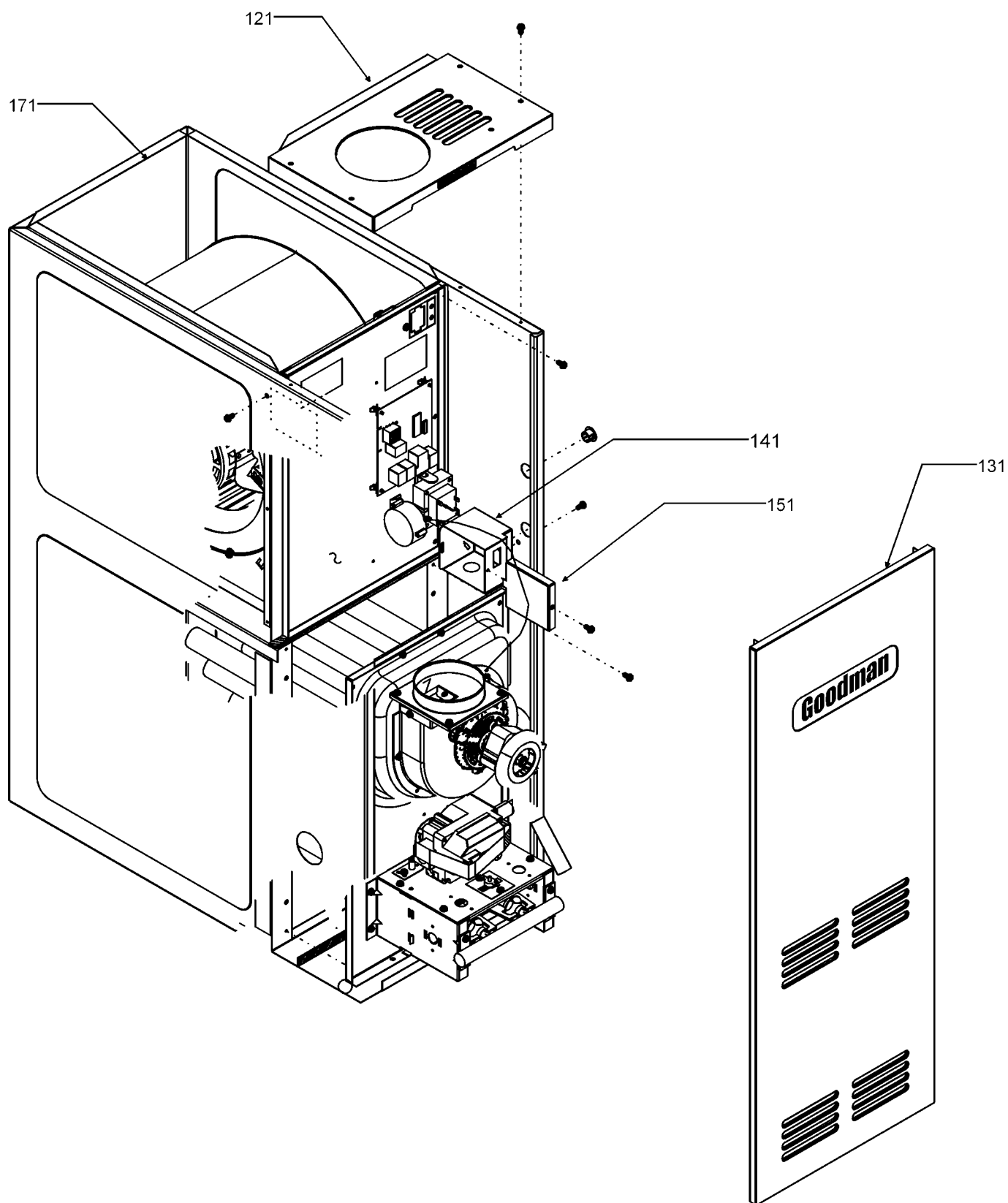
SPECIAL PARTS

HI-115	HOMEOWNER'S INFORMATION MANUAL
IO-242C	INSTALLATION AND OPERATION MANUAL
RP-247B	MANUAL, REPAIR PARTS
B260S8292	SPRAY TOUCH-UP PAINT, ARCH. GRAY

Expanded Model Nomenclature

M1 - GDS80453ANA
M2 - GDS80703ANA
M3 - GDS80703AXA
M4 - GDS80904BNA
M5 - GDS80904BXA
M6 - GDS81155CNA
M7 - GDS80453AXA
M8 - GDS81155CXA

Cabinet



Cabinet

Ref	Part		Ref. Part	
.	No:	Description:	No: No:	Description:
<i>Image 1:</i>				
121	0221F00000PDG	TOP, PAINTED, 14" (M1, M2, M3, M7)		
121	0221F00001PDG	TOP, PAINTED, 17.5" (M4, M5)		
121	0221F00002PDG	TOP, PAINTED, 21" (M6, M8)		
131	0221F00008PDG	DOOR, ACCESS, 14" (M1, M2, M3, M7)		
131	0221F00009PDG	DOOR, ACCESS, 17.5" (M4, M5)		
131	0221F00010PDG	DOOR, ACCESS, 21" (M6, M8)		
141	4014502	J-BOX		
151	4015502	COVER, J-BOX		
171	4026537	ASSY, WRAPPER/INSULATION, 14" (M1, M2, M3, M7)		
171	4026538	ASSY, WRAPPER/INSULATION, 17.5" (M4, M5)		
171	4026539	ASSY, WRAPPER/INSULATION, 21" (M6, M8)		
NS	A3468601	HOSE, AIR PRESSURE SWITCH		

Expanded Model Nomenclature

M1 - GDS80453ANA
 M2 - GDS80703ANA
 M3 - GDS80703AXA
 M4 - GDS80904BNA
 M5 - GDS80904BXA
 M6 - GDS81155CNA
 M7 - GDS80453AXA
 M8 - GDS81155CXA

Blower Assembly / Control

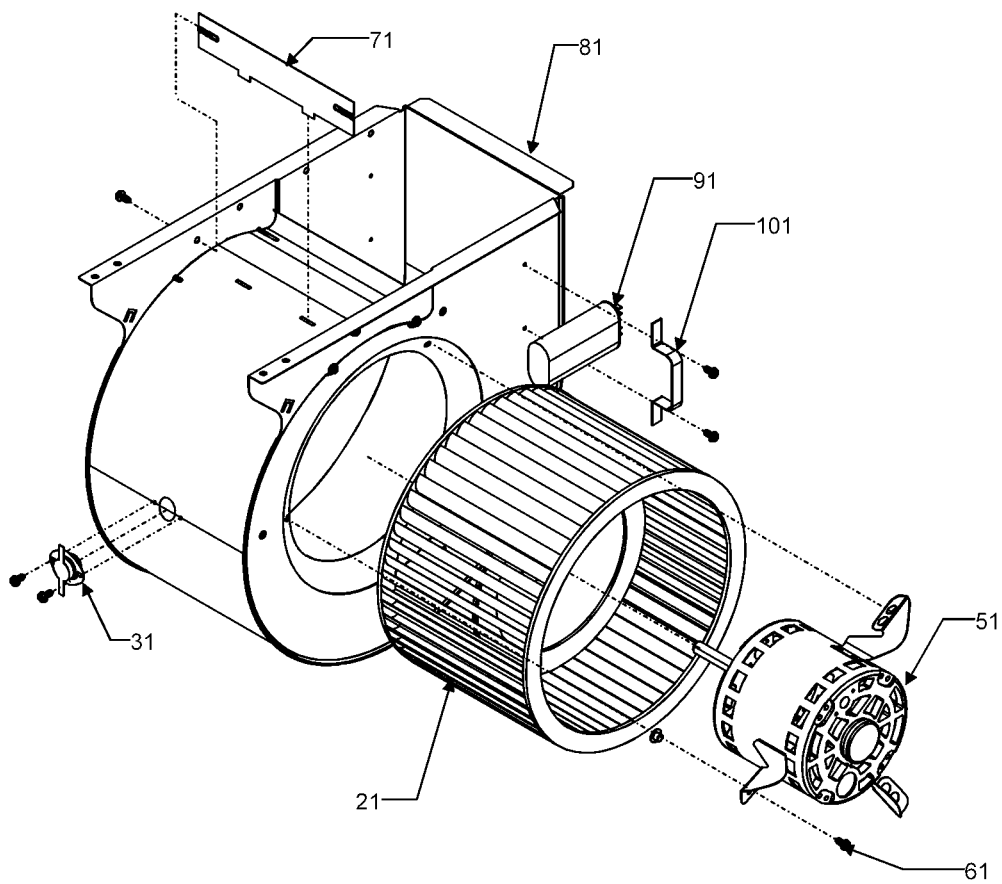
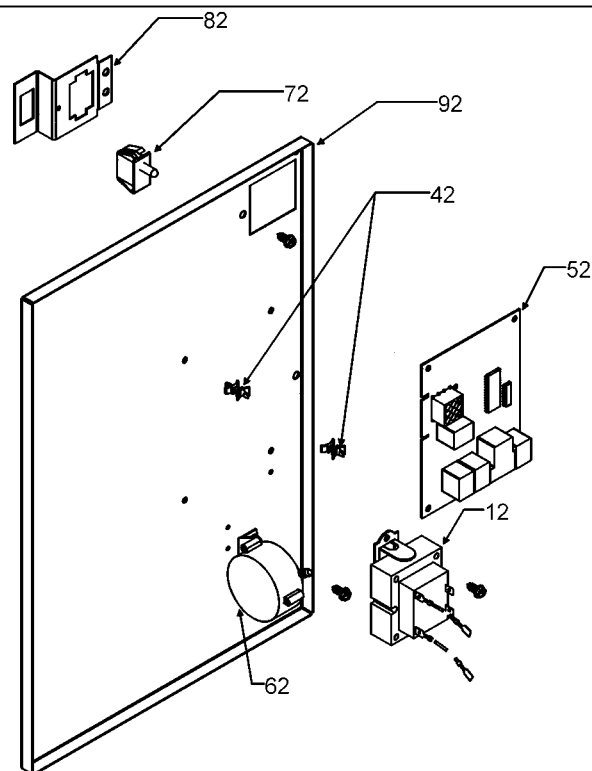


Image 1

Image 2



Blower Assembly / Control

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

21	B1368047	BLOWER WHEEL (10 X 10) (M6, M8)
21	B1368034	BLOWER WHEEL (10 X 6) (M1, M2, M3, M7)
21	B1368016	BLOWER WHEEL (10 X 8) (M4, M5)
31	B1370155	AUXILIARY LIMIT SWITCH 120°F
51	B1340024	MOTOR, DIRECT DRIVE 1/2 HP (M4, M5, M6, M8)
51	B1340025	MOTOR, DIRECT DRIVE 1/3 HP (M1, M2, M3, M7)
61	B1393331	MACH. SCREW 1/4-20 TYPE F (QTY 3)
71	764741	BLWR CUT-OFF, (10 X 10) (M6, M8)
71	764739	BLWR CUT-OFF, (10 X 6) (M1, M2, M3, M7)
71	764740	BLWR CUT-OFF, (10 X 8) (M4, M5)
81	2539307	BLOWER SHELL ASM (10 X 10) (M6, M8)
81	2539305	BLOWER SHELL ASM (10 X 6) (M1, M2, M3, M7)
81	2539306	BLOWER SHELL ASM (10 X 8) (M4, M5)
91	B945672	CAPACITOR, 12.5/370 MFD (M1, M2, M3, M7)
91	B945665	CAPACITOR, 20/370 MFD (M4, M5, M6, M8)
101	1284835	STRAP

Image 2:

12	B1141605	TRANSFORMER 120V TO 24V, 40 VA
42	B1393802	SUPPORT, 2-WING BOARD (QTY 4)
42	B1393803	SUPPORT, SINGLE-WING BOARD
52	B1809926S	H.S.I. BOARD, 12-PIN
62	B1370176	AIR PRESSURE SWITCH, .47" WC (M2, M3)
62	B1370142	AIR PRESSURE SWITCH, .60" WC (M1, M7)
62	B1370179	AIR PRESSURE SWITCH, .75" WC (M4, M5)
62	B1370150	AIR PRESSURE SWITCH, .85" WC (M6, M8)
72	B1370819	DOOR SWITCH
82	2509505	BRACKET, DOOR SWITCH
92	2515008	DOOR, INNER BLOWER (M1, M2, M3, M7)
92	2515009	DOOR, INNER BLOWER (M4, M5)
92	2515010	DOOR, INNER BLOWER (M6, M8)

Expanded Model Nomenclature

M1 - GDS80453ANA
 M2 - GDS80703ANA
 M3 - GDS80703AXA
 M4 - GDS80904BNA
 M5 - GDS80904BXA
 M6 - GDS81155CNA
 M7 - GDS80453AXA
 M8 - GDS81155CXA

Heat Exchanger / Flue Collector Box

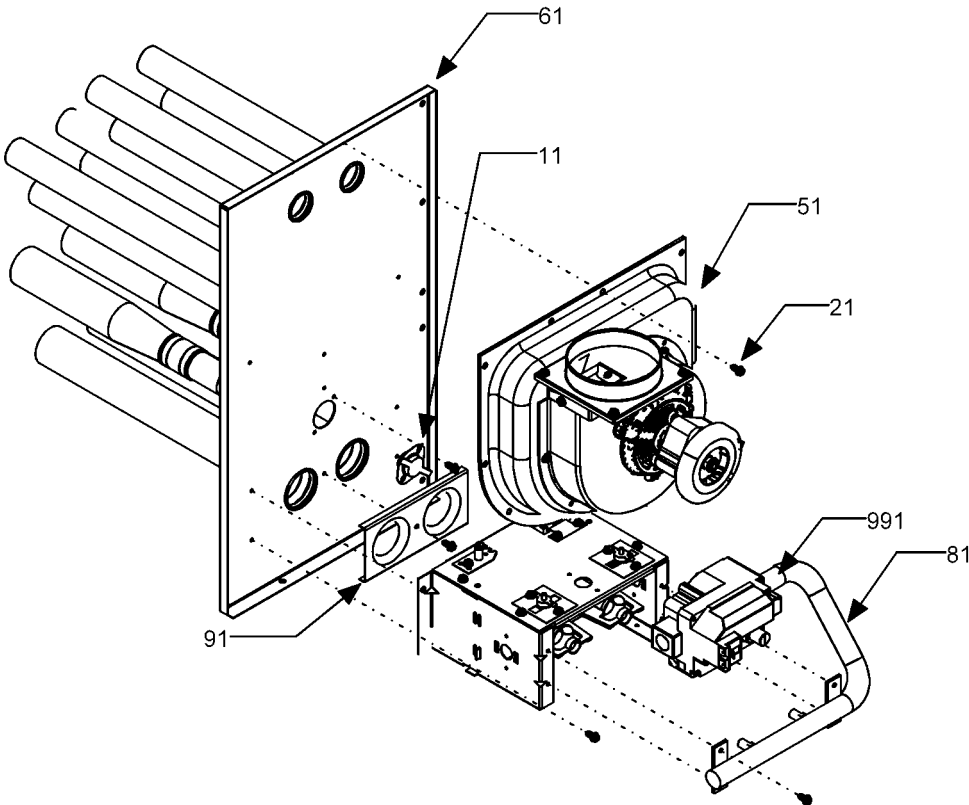
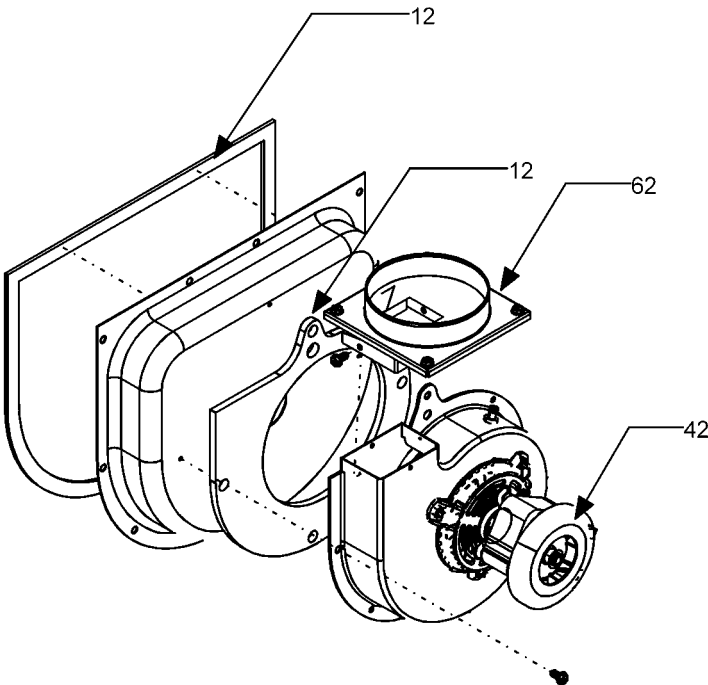


Image 1

Image 2



Heat Exchanger / Flue Collector Box

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

11	B1370192	SWITCH, PRIMARY LIMIT, 230°F (M1, M7)
11	B1370194	SWITCH, PRIMARY LIMIT, 250°F (M6, M8)
11	B1370195	SWITCH, PRIMARY LIMIT, 300°F (M2, M3, M4, M5)
51	4010012S	FLUE COLL BX., 14" 1.50 DIA. (M1, M7)
51	4010013S	FLUE COLL BX., 14" 2.00 DIA. (M2, M3)
51	4010015S	FLUE COLL BX., 17.5" 2.00 DIA. (M4, M5)
51	4010017S	FLUE COLL BX., 21" 2.25 DIA. (M6, M8)
61	4021300S	HEAT EXCHANGER SUB ASM., 2 CELL 14" (M1, M7)
61	4021307S	HEAT EXCHANGER SUB ASM., 3 CELL 14" (M2, M3)
61	4021309S	HEAT EXCHANGER SUB ASM., 4 CELL 17.5" (M4, M5)
61	4021311S	HEAT EXCHANGER SUB ASM., 5 CELL 21" (M6, M8)
81	B4026005	GAS MANIFOLD, 2 CELL (M1, M7)
81	B4026006	GAS MANIFOLD, 3 CELL (M2, M3)
81	B4026007	GAS MANIFOLD, 4 CELL (M4, M5)
81	B4026008	GAS MANIFOLD, 5 CELL (M6, M8)
91	4028000	ORIFICE PLATE, 2 CELL (M1, M7)
91	4028001	ORIFICE PLATE, 3 CELL (M2, M3)
91	4028002	ORIFICE PLATE, 4 CELL (M4, M5)
91	4028003	ORIFICE PLATE, 5 CELL (M6, M8)
991	B1282628	GAS VALVE
NS	10624003	INSERT-MESH TUBES, 2 CELL (M7)
NS	10624003	INSERT-MESH TUBES, 3 CELL (M3)
NS	10624003	INSERT-MESH TUBES, 4 CELL (M5)
NS	10624003	INSERT-MESH TUBES, 5 CELL (M8)

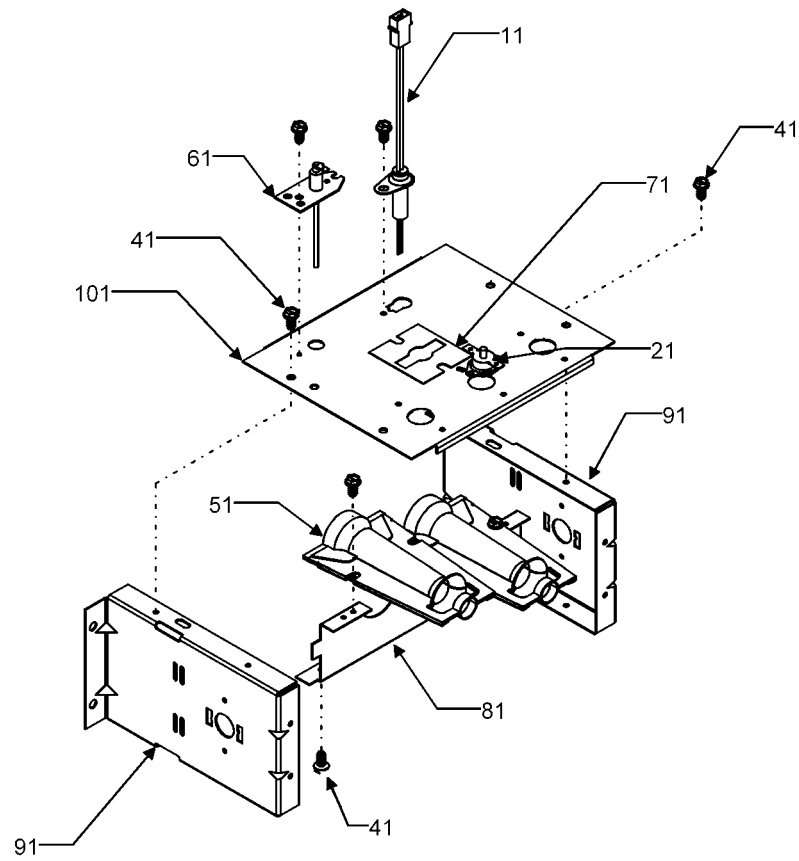
Image 2:

12	B1392635	GASKET, VENT MOTOR, 21" (M6, M8)
12	B1392633	GASKET, VENT MOTOR, 14" (M1, M2, M3, M7)
12	B1392634	GASKET, VENT MOTOR, 17.5" (M4, M5)
42	0131M00002P	MOTOR, VENT 80%
62	4053501	CHIMNEY ASSEMBLY

Expanded Model Nomenclature

M1 - GDS80453ANA
 M2 - GDS80703ANA
 M3 - GDS80703AXA
 M4 - GDS80904BNA
 M5 - GDS80904BXA
 M6 - GDS81155CNA
 M7 - GDS80453AXA
 M8 - GDS81155CXA

Burner



Burner

Ref. Part No:	Description:	Ref. Part No:	Description:
<i>Image 1:</i>			
11	20165703		IGNITOR
21	B1370145		ROLLOUT, SWITCH 300°F W/O BRKT.
51	B4022700		INSHOT BURNER, (QTY 2) (M1, M7)
51	B4022700		INSHOT BURNER, (QTY 3) (M2, M3)
51	B4022700		INSHOT BURNER, (QTY 4) (M4, M5)
51	B4022700		INSHOT BURNER, (QTY 5) (M6, M8)
61	B1172606		FLAME SENSOR
71	2509503		BRACKET FOR ROLLOUT SWITCH
81	2513500		BURNER RACK 2 CELL (M1, M7)
81	2513501		BURNER RACK 3 CELL (M2, M3)
81	2513502		BURNER RACK 4 CELL (M4, M5)
81	2513503		BURNER RACK 5 CELL (M6, M8)
91	2514000		SIDE PLATE BURNER (QTY 2)
101	4013010		TOP PLATE, BURNER 2 CELL (M1, M7)
101	4013011		TOP PLATE, BURNER 3 CELL (M2, M3)
101	4013012		TOP PLATE, BURNER 4 CELL (M4, M5)
101	4013013		TOP PLATE, BURNER 5 CELL (M6, M8)
NS	B4089343		GAS ORIFICE, #43 (QTY 2) (M1, M7)
NS	B4089343		GAS ORIFICE, #43 (QTY 3) (M2, M3)
NS	B4089343		GAS ORIFICE, #43 (QTY 4) (M4, M5)
NS	B4089343		GAS ORIFICE, #43 (QTY 5) (M6, M8)

Expanded Model Nomenclature

M1 - GDS80453ANA
M2 - GDS80703ANA
M3 - GDS80703AXA
M4 - GDS80904BNA
M5 - GDS80904BXA
M6 - GDS81155CNA
M7 - GDS80453AXA
M8 - GDS81155CXA