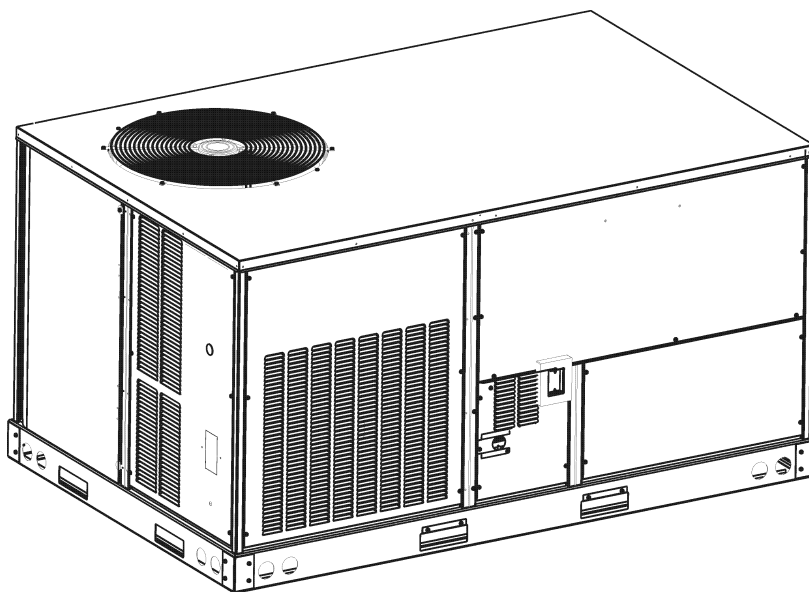




REPAIR PARTS

GPG16 "M" Series Residential Package Gas Unit

GPG1660140M41AA



This manual is to be used by qualified technicians only.

© 2016 Goodman Company, L.P. ♦ 5151 San Felipe St., Suite 500 ♦ Houston, TX 77056

Important Information

Index

Functional Parts List	3
Illustration and Parts	4 - 13

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 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:

Homeowner Support
Goodman Company, L.P.
19001 Kermier Road
Waller, Texas 77484
877-254-4729-Telephone
713-863-2382-Facsimile

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

International Division
Goodman Company, L.P.
19001 Kermier Road
Waller, Texas 77484
713-861-2500-Telephone
713-863-2382-Facsimile

Functional Parts

Part

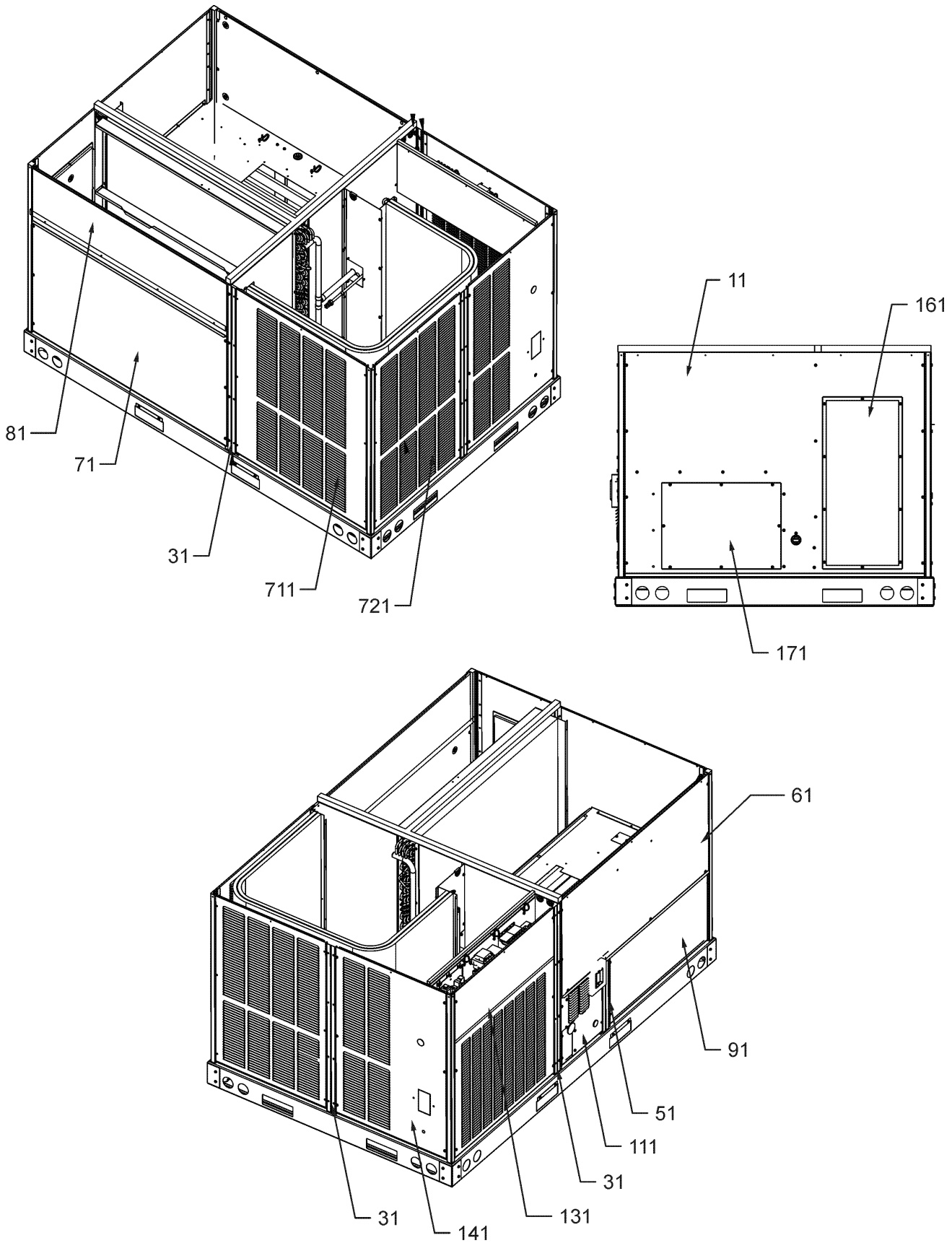
No: Description:

0130M00025	24V RELAY
20269903	AUXILIARY LIMIT, AUTO RESET
0131M00521	BLOWER MOTOR 1 HP
B1368000	BLOWER WHEEL 11 X 10
CAP100400440CT	CAP, 10/40 MFD, 440V/ DUAL RD
ZPS49K5EPFV130	COMPRESSOR 49100, 208/230/60/1
0131M00430	COND MOTOR 1/3 HP, 1 SP, 6 PL
CONT2P040024V	CONTACTOR 40 AMP, 2P, 24V
0130M00074	CUT-OUT SWITCH, HIGH PRESSURE
0130M00087	CUT-OUT SWITCH, LOW PRESSURE
0130F00010	FLAME SENSOR
0151F00000P	GAS VALVE - WHITE-RODGERS 2-STAGE
PCBAG123	IGNITION BOARD, DSI INTEGRATED
20261709	IGNITOR
0130F00105	LIMIT SWITCH
10123532	MANUAL RESET LIMIT 350°F
11112501	PRESSURE SWITCH
0130M00138	TRANSFORMER 208/230, 24V
0151M00050	VALVE, NXT
0131L00002	VENT MOTOR

Expanded Model Nomenclature

M1 - GPG1660140M41AA

Cabinet Assy



Cabinet Assy

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

11	0121L00342DG	DUCT PANEL-PAINTED
31	0121L01169RFDG	POST-SIDE RF PAINTED
31	0121L00343RFDG	POST-SIDE SUPPORT (QTY 2)
51	0121L01110RFDG	RF, POST-BURNER PAINTED 3-6TON
61	0121L01172DG	DOOR-BLOWER, PAINTED [6 TON]
71	0121L00976DG	DOOR-ECONOMIZER, PAINTED
81	0270L00363DG	DOOR-FILTER
91	0121L01108DG	Door-Heat Exchanger Painted
111	0121L01388DG	DOOR, BURNER, PNT 3
131	0121L01170DG	CONTROL PANEL/W LOUVERS
141	0121L00354DG	LOUVERED COMPRESSOR PANEL
161	0121L00023DG	PNT-RETURN DUCT COVER
171	0121L00024DG	PNT-SUPPLY DUCT COVER
711	0121L00355DG	PANEL-SIDE LOUVERS, PAINTED
721	0121L00356DG	PANEL-END LOUVERS, PAINTED
NS	0164L00011	GASKET-RUBBER, SIDE POST (QTY 3)
NS	0121L01389DG	PANEL, BURNER DOOR 3
NS	0121L01175DG	PNT, Flue Collar [3-6TON]
NS	0121L00689	RAIN SHIELD DOOR

Expanded Model Nomenclature

M1 - GPG1660140M41AA

Top and Partition Assy

IMAGE 1

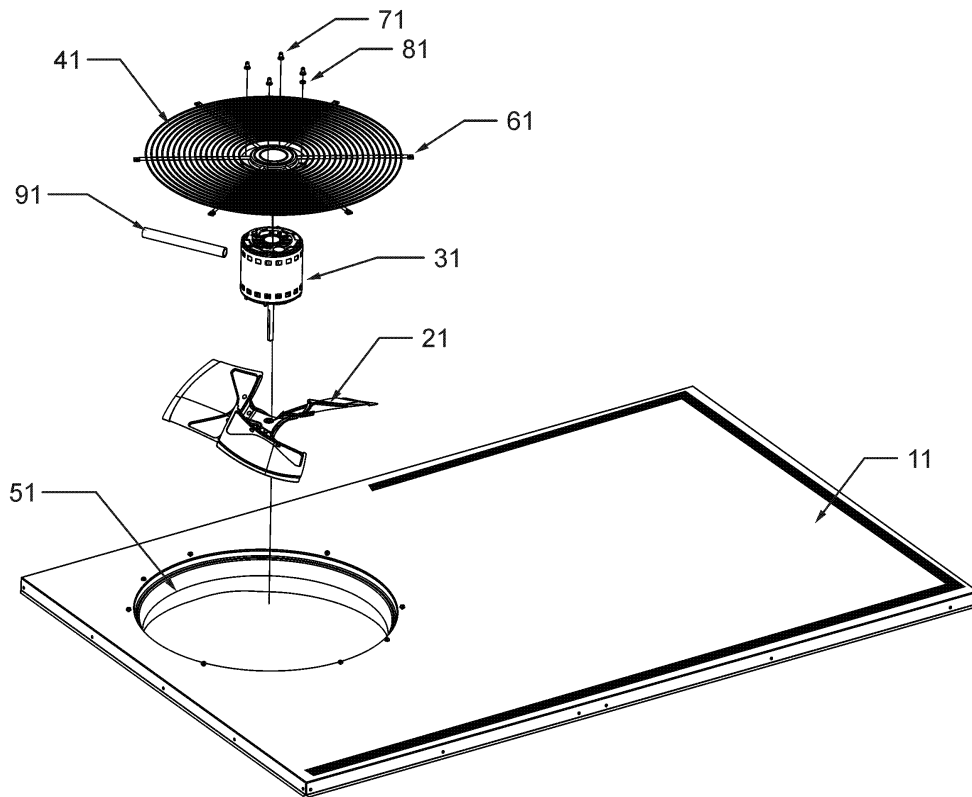
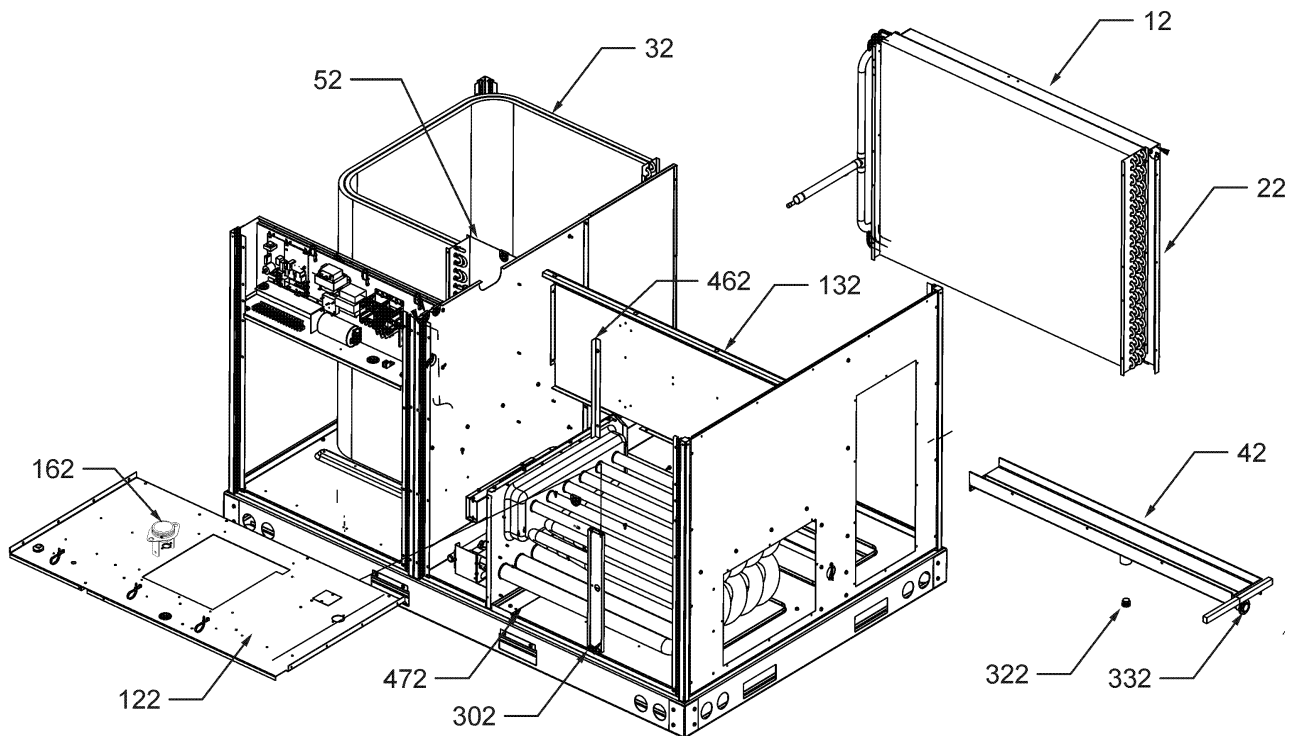


IMAGE 2



Top and Partition Assy

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

Image 1:

11	0121L00235DG	TOP, PAINTED
21	B1086765	FAN BLADE TYPE 3
31	0131M00430	COND MOTOR 1/3 HP, 1 SP, 6 PL
41	0152G00003	FAN GRILLE
51	0161L00000	VENTURI RING 22"
61	0163M00004	SCREW #10X3/4", BLACK (QTY 8)
71	0163M00006P	ACORN NUT 5/16 HEX BLACK (QTY 4)
81	0163M00005P	WASHER, BLACK (.50 OD .218ID) (QTY 4)
91	17788000083F	PVC CONDUIT 8.25"

Image 2:

12	0202L00151	EVAPORATOR COIL TUBING ASSY
22	0121L00345	BLOCKOFF-EVAPORATOR
32	0201L00145	CONDENSER COIL ASSY
42	0161L00005	DRAIN PAN
52	0121L00889	BLOCKOFF-CONDENSER
122	0121L01442	DECK-BLOWER
132	0121L00243	DECK SIDE CHANNEL
162	0130F00105	LIMIT SWITCH
302	0121L00300	SUPPORT POST-DECK
322	0163L00071	DRAIN PLUG
332	0154L00009	DRAIN PAN GASKET
462	0121L00293	BACK ANGLE-HEAT EXCHANGER (QTY 2)
472	0121L00266	HEAT PANEL CHANNEL (QTY 2)
NS	0121L00939	CONDENSER BLOCKOFF PLATE
NS	0121L00238	DRAIN PAN SUPPORT
NS	0121L00321	SMOKE DETECTOR COVER

Expanded Model Nomenclature

M1 - GPG1660140M41AA

Compressor/Basepan/Tubing Assy

IMAGE 1

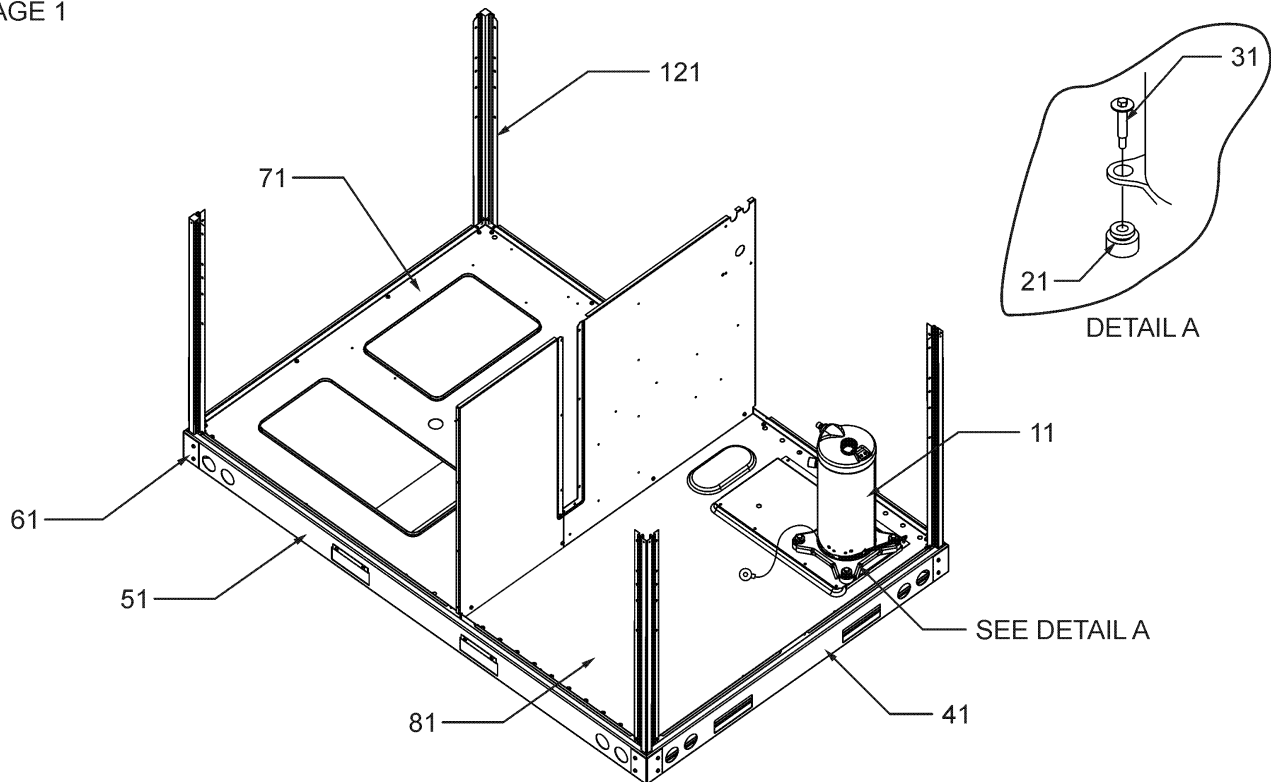
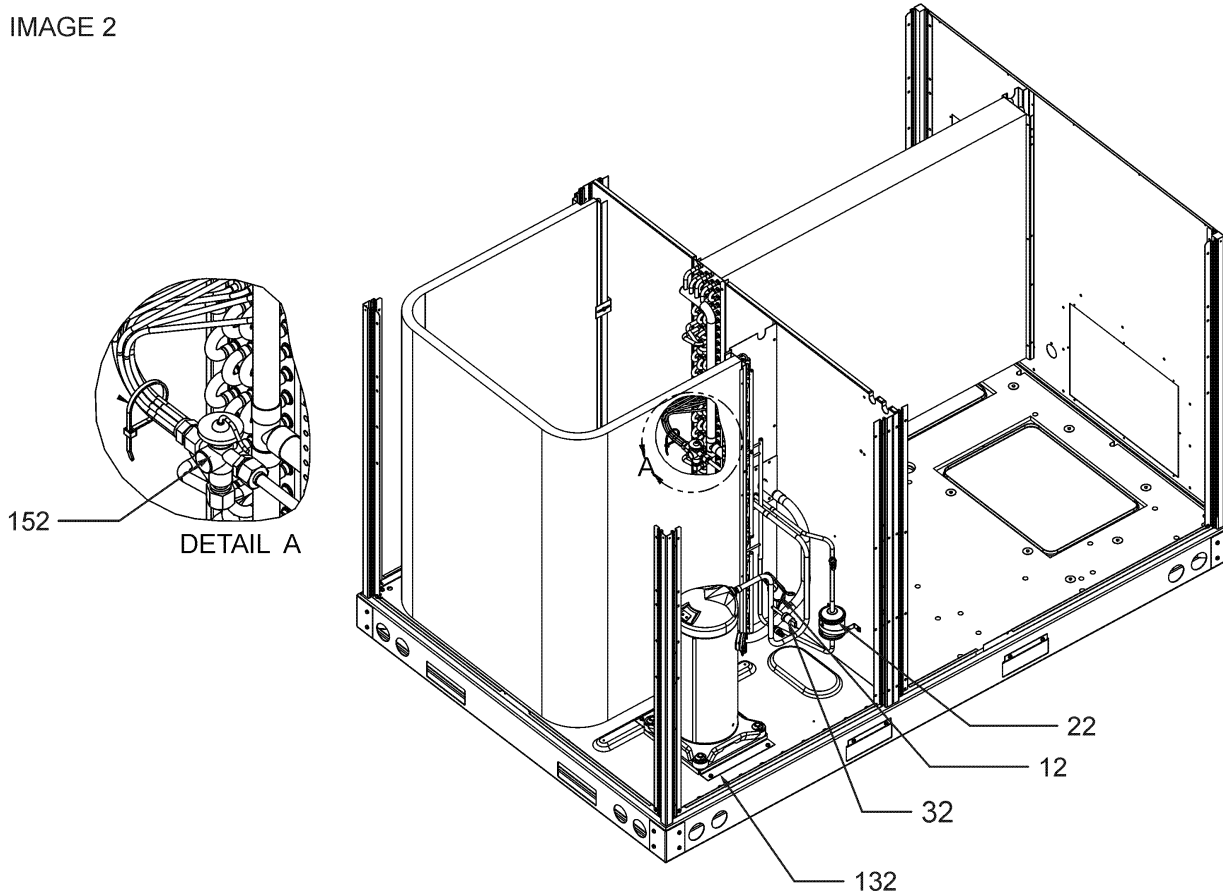


IMAGE 2



Compressor/Basepan/Tubing Assy

Ref. Part

No: No: Description:

Ref. Part

No: No: Description:

Image 1:

11	ZPS49K5EPFV130	COMPRESSOR 49100, 208/230/60/1
21	B1339533	COMPRESSOR GROMMET (QTY 4)
31	M0221641	TF SHOULDER SCREW (QTY 4)
41	0121L00245	END RAIL (QTY 2)
51	0121L00244RF	SIDE RAIL (QTY 2)
61	0121G00301	RAIL CORNER BRACKET (QTY 4)
71	0121L01307	BASE PAN-OUTDOOR
81	0121L00943	BASE PAN-INDOOR
121	0121L01201RFDG	RF, PNT, POST-CORNER (QTY 4)
NS	0141L00003X	BOARD-FORK (QTY 2)
NS	0121L00055	BRACKET-FORK BOARD (QTY 4)
NS	0159L00027	COMPRESSOR SCROLL HARNESS
NS	0164L00009	GASKET-RUBBER, CORNER POST (QTY 3)

Image 2:

12	0130M00087	CUT-OUT SWITCH, LOW PRESSURE
22	20485201	BI-FLOW FILTER DRIER
32	0130M00074	CUT-OUT SWITCH, HIGH PRESSURE
132	0121L00310	COMPRESSOR MOUNTING PLATE
152	0151M00050	VALVE, NXT
NS	B1373315	ACCESS FITTING (QTY 2)

Expanded Model Nomenclature

M1 - GPG1660140M41AA

Blower/Control Box Assy

IMAGE 1

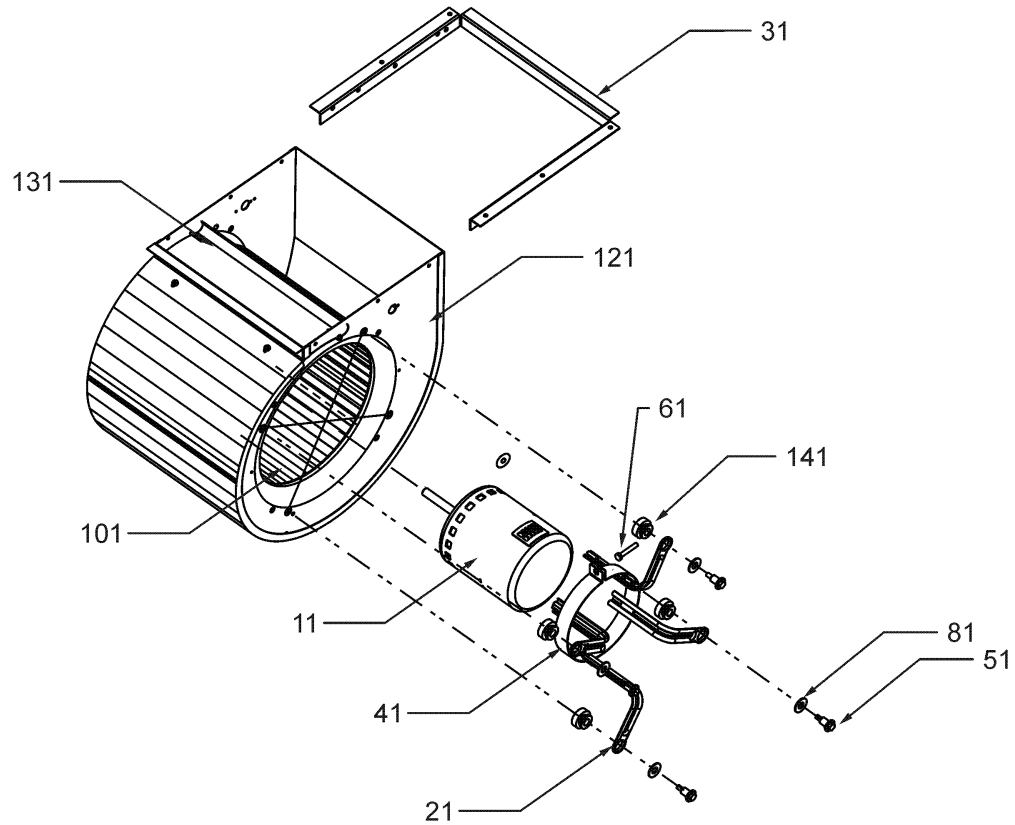
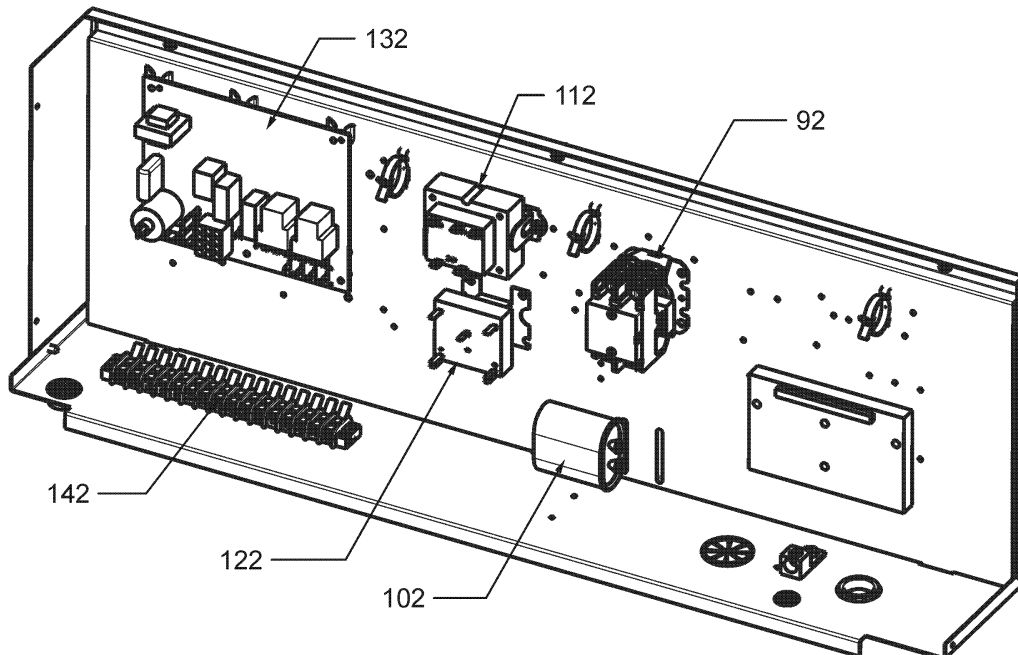


IMAGE 2



Blower/Control Box Assy

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

11	0131M00521	BLOWER MOTOR 1 HP
21	10441501	MOTOR MOUNT ARM (QTY 4)
31	0121L00281	BLOWER MOUNTING ANGLE
41	10441601	MOTOR MOUNT BAND
51	M0221461	TC SCREW (QTY 4)
61	M0267144	MACHINE SCREW
81	M0274008	WASHER-FLAT (QTY 4)
91	20269903	AUXILIARY LIMIT, AUTO RESET
101	B1368000	BLOWER WHEEL 11 X 10
121	11185811	BLOWER HOUSING 11 X 10
131	C6121807	BLOWER CUT-OFF
141	A4002702	BLOWER MOTOR GROMMET
NS	M0282015	KEPS NUT (QTY 4)

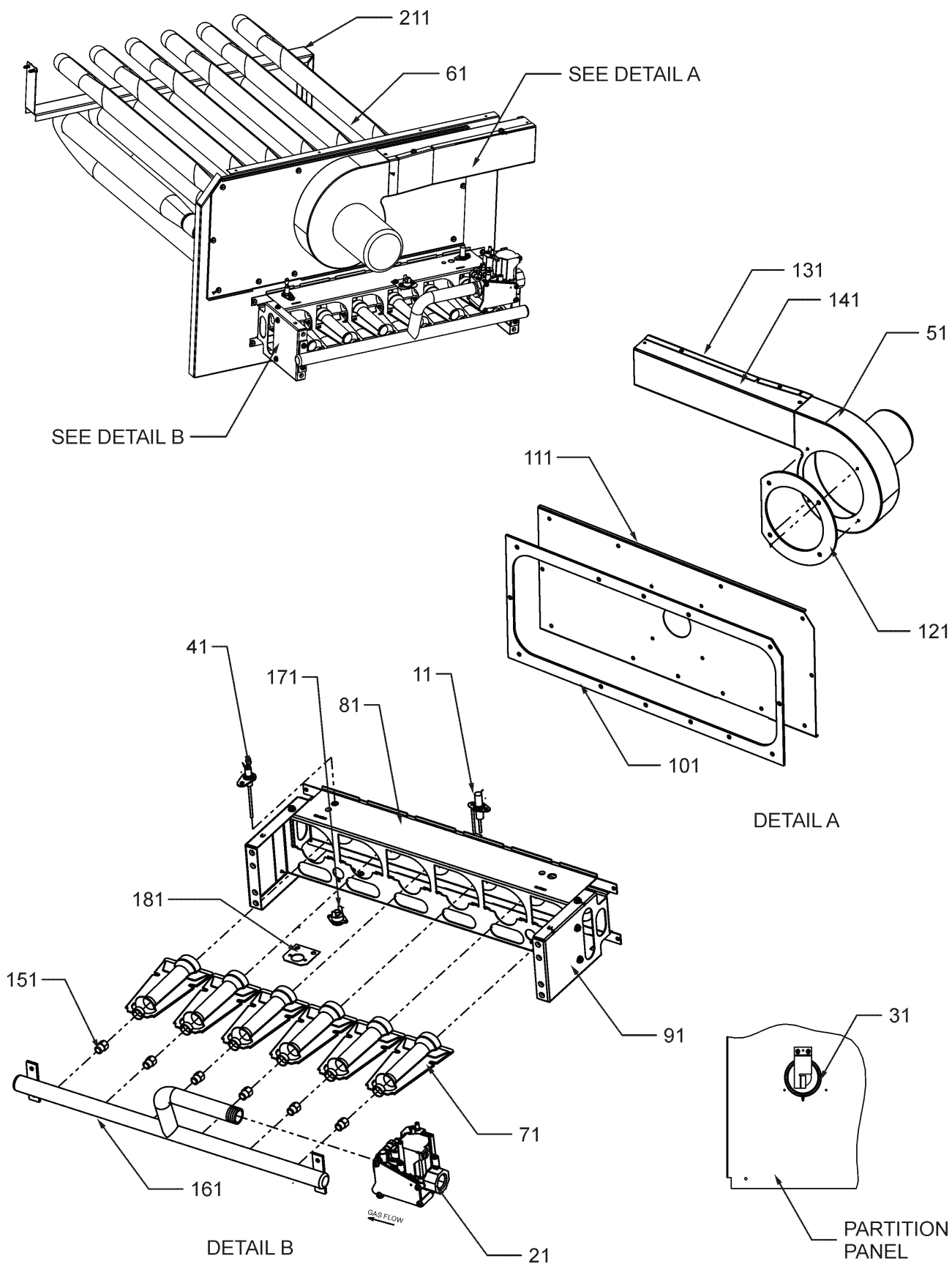
Image 2:

92	CONT2P040024V	CONTACTOR 40 AMP, 2P, 24V
102	CAP100400440CT	CAP, 10/40 MFD, 440V/ DUAL RD
112	0130M00138	TRANSFORMER 208/230, 24V
122	0130M00025	24V RELAY
132	PCBAG123	IGNITION BOARD, DSI INTEGRATED
142	0130M00038	TERMINAL BOARD
NS	0159G00001	COMPRESSOR SOLENOID CABLE
NS	0259L00412	HARNESS, ECONOMIZER
NS	0259L00125	HARNESS, WIRING
NS	0130M00127	MOTOR POWER HARNESS
NS	0259L00054	WIRING HARNESS
NS	0259L00066	WIRING HARNESS
NS	0259L00069	WIRING HARNESS
NS	0130M00126	X-13 LOW VOLTAGE WIRE HARNESS

Expanded Model Nomenclature

M1 - GPG1660140M41AA

Heat Exchanger Assy



Heat Exchanger Assy

Ref. Part

No: No:

Description:

Ref. Part

No: No:

Description:

Image 1:

11	20261709	IGNITOR
21	0151F00000P	GAS VALVE - WHITE-RODGERS 2-STAGE
31	11112501	PRESSURE SWITCH
41	0130F00010	FLAME SENSOR
51	0131L00002	VENT MOTOR
61	0270L00684	PART/TUBE ASSY
71	0163F00017	BECKETT BURNER (QTY 6)
81	0121L01363	BRACKET, BURNER 6
91	0121F00465	ORIFICE BRACKET-BURNER 6
101	0154L00017	ID BLOWER PLATE GASKET 6 BRNR
111	0121L01456	PLATE-ID BLOWER 6
121	0154L00007	GASKET, BLOWER/ORIFICE PLATE
131	0121L01355	FLUE CHANNEL
141	0121L01356	FLUE SIDE COVER
151	0163F00018	ORIFICE (QTY 6)
161	0163L00025	MANIFOLD - 6 BRNR
171	10123532	MANUAL RESET LIMIT 350°F
181	0121L00053	FLAME ROLLOUT BRACKET
211	0121L00325	BRACKET, HT EXCH
NS	0163L00072	SCREEN-FLUE

Expanded Model Nomenclature

M1 - GPG1660140M41AA