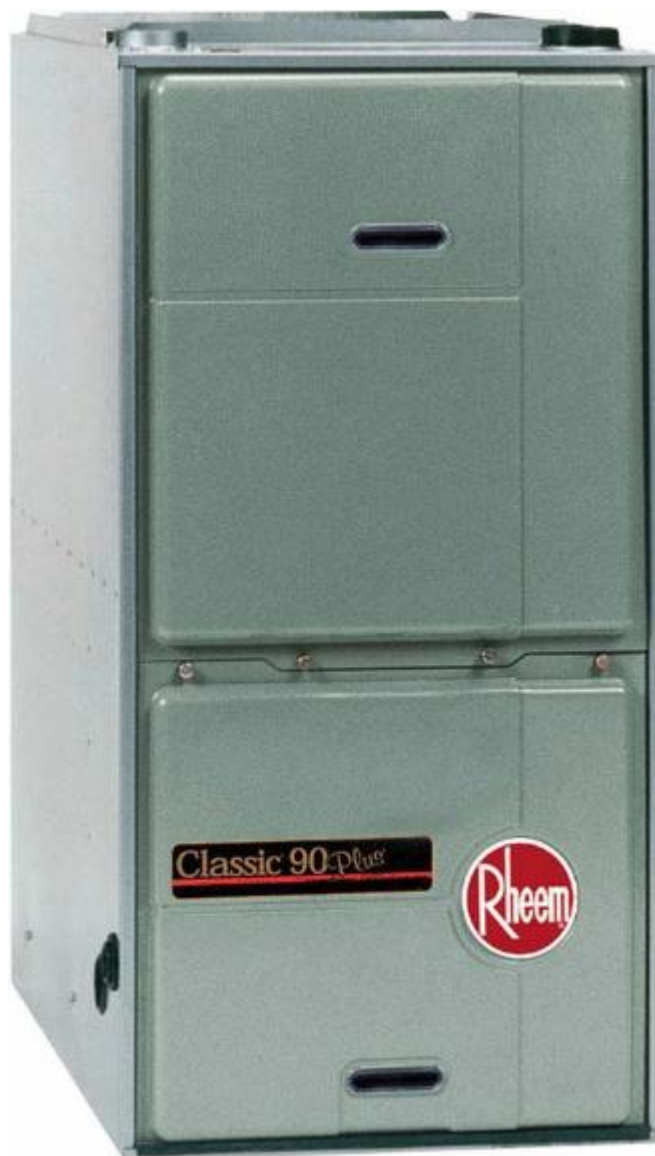




RGTK

Parts List
19-June-2009



*This parts list is current as of the above revision date.
See <http://www.rheempartslists.net/92-42800-RGTK.pdf> for the current revision.*

90% Gas Furnaces - 2 Stage

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MODEL NUMBER EXPLANATION

R	G	T	K	-	0	6	E	M	A	E	S
(1)	(2)	(3)	(4)			(5)		(6)	(7)	(8)	(9)

(1) TRADEBRAND IDENTIFICATION

(2) MODEL

G = GAS FURNACE

(3) TYPE

T = Downflow/Horizontal Condensing

(4) DESIGN SERIES

(5) HEATING INPUT DESIGNATION

06 = 60,000 BTU/HR
 07 = 75,000 BTU/HR
 09 = 90,000 BTU/HR
 10 = 105,000 BTU/HR
 12 = 120,000 BTU/HR
 15 = 150,000 BTU/HR

E = Electric

N = NOX

(6) BLOWER DESIGNATION

M = 11 x 7

R = 11 x 10

Y = 12 x 7

Z = 12 x 11

(7) VARIATIONS

A = Standard

B = Wide Cabinet

(8) AIRFLOW

E = 1100-1300 CFM

G = 1500-1700 CFM

J = 1900-2100 CFM

(9) FUEL DESIGNATION

S = Natural Gas

SERIAL NUMBER EXPLANATION

G	M	5	D	7	0	7	F	3	1	9	5	9	9	9	9	9
(1)		(2)	(3)	(4)	(5)	(6)	(7)		(8)		(9)				(10)	

(1) GAS CODE

(2) LIMIT CONTROL

(3) BLOWER

(4) HEATING ELEMENT

(5) SPECIAL AREA REQUIREMENT

(6) MOTOR HORSEPOWER

(7) PLANT

F = Fort Smith, AR

(8) WEEK

(9) YEAR

(10) PRODUCTION NUMBER

No.	Notes	MODEL HEATING CAPACITY BLOWER DESIGNATION VARIATION HEAT/COOL DESIGNATION	RGTK 06E/N M A E	RGTK 07E/N M A E	RGTK 07E/N Y B G	RGTK 09E/N Z A J	RGTK 10E/N Z A J	RGTK 12E/N R A J
PANELS, SHEET METAL, MISCELLANEOUS								
1		Blower/Filter Door	AS-61908-03	AS-61908-03	AS-61909-03	AS-61909-03	AS-61909-03	AS-61910-03
2		Burner Door	AS-61905-01	AS-61905-01	AS-61906-01	AS-61906-01	AS-61906-01	AS-61907-01
3		Induced Draft Blower w/Gasket	See Electrical Group					
5		Connector/Transition Assembly	68-24047-10	68-24047-10	68-24047-11	68-24047-11	68-24047-11	68-24047-12
6		Clear Vinyl Tube (Connector/Transition - Trap)	68-24131-01	68-24131-01	68-24131-01	68-24131-01	68-24131-01	68-24131-01
7		Trap/Elbow Assembly	68-24048-01	68-24048-01	68-24048-01	68-24048-01	68-24048-01	68-24048-01
8		Water Trap Mount Bracket	AE-61841-01	AE-61841-01	AE-61841-01	AE-61841-01	AE-61841-01	AE-61841-01
9		Hose Clamps (4)	64-22043-03	64-22043-03	64-22043-03	64-22043-03	64-22043-03	64-22043-03
10		Drain Tube	68-24026-03	68-24026-03	68-24026-03	68-24026-03	68-24026-03	68-24026-03
18		Limit - Main Limit (Heat Exchanger Panel)	See Electrical Group					
19		Heat Exchanger Assembly	See Heat Exchanger Group					
25		Silicone Tubing - Pressure Switch	AE-61737-28	AE-61737-28	AE-61737-28	AE-61737-28	AE-61737-28	AE-61737-28
26		Pressure Switch	See Electrical Group					
27		Button Plug - 1-5/8 in. opening	45-22980-02	45-22980-02	45-22980-02	45-22980-02	45-22980-02	45-22980-02
27		Button Plug - 2 in. opening	45-22980-08	45-22980-08	45-22980-08	45-22980-08	45-22980-08	45-22980-08
28		Door Angle Assembly	AS-67847-01	AS-67847-01	AS-67847-02	AS-67847-02	AS-67847-02	AS-67847-03
29		Grommet (1-5/8 in. opening) - Before F3906	56-22114-01	56-22114-01	56-22114-01	56-22114-01	56-22114-01	56-22114-01
29		Grommet (2 in. opening) - After F3906	56-22114-06	56-22114-06	56-22114-06	56-22114-06	56-22114-06	56-22114-06
30		Outlet Pipe Gasket	68-24022-02	68-24022-02	68-24022-02	68-24022-02	68-24022-02	68-24022-02
31		Outlet Pipe Assembly	68-24150-01	68-24150-01	68-24150-01	68-24150-01	68-24150-01	68-24150-02
32		Jacket	AS-67824-08	AS-67824-08	AS-67824-10	AS-67824-09	AS-67824-09	AS-67824-11
33	2	Top Plate	AE-67805-02	AE-67805-02	AE-67805-03	AE-67805-03	AE-67805-03	AE-67805-04
	2	Top Plate Gasket	68-102279-01	68-102279-01	68-102279-02	68-102279-02	68-102279-02	68-102279-03
34		Inlet Air Chase Assembly	AS-67848-01	AS-67848-01	AS-67848-01	AS-67848-01	AS-67848-01	AS-67848-01
35		Inlet Air Chase Gasket	68-24022-01	68-24022-01	68-24022-01	68-24022-01	68-24022-01	68-24022-01
36		Button Plug - 1-5/8 in. opening	45-22980-02	45-22980-02	45-22980-02	45-22980-02	45-22980-02	45-22980-02
36		Button Plug - 2 in. opening	45-22980-08	45-22980-08	45-22980-08	45-22980-08	45-22980-08	45-22980-08
37		Junction Box Cover	AE-61476-02	AE-61476-02	AE-61476-02	AE-61476-02	AE-61476-02	AE-61476-02
38		Junction Box	AE-67825-01	AE-67825-01	AE-67825-01	AE-67825-01	AE-67825-01	AE-67825-01
39		Door Switch - Push Button	See Electrical Group					
44		Blower Assembly	See Blower Group					
		Filter - Plastic	54-22699-01	54-22699-01	54-22699-01	54-22699-01	54-22699-01	54-22699-02
		Filter Rack	AE-66681-01	AE-66681-01	AE-66681-01	AE-66681-01	AE-66681-01	AE-66681-01

No.	Notes	MODEL HEATING CAPACITY BLOWER DESIGNATION VARIATION HEAT/COOL DESIGNATION	RGTK ALL ALL ALL ALL					
HORIZONTAL INSTALLATION PARTS								
9		Hose Clamps (4)	64-22043-03					
10		Drain Tube	68-24026-03					
11		Elbow (Connector/Transition - Trap)	68-24121-01					
12		Trap Assembly	68-24120-02					
13		Trap Gasket	68-24123-01					
14		Hole Plugs (2)	45-24125-01					

No.	Notes	MODEL HEATING CAPACITY BLOWER DESIGNATION VARIATION AIRFLOW	RGTK ALL ALL ALL ALL					
PARTS BAG								
		Complete Parts Bag	AS-100717-03					
		Hose Clamp (2)	64-22043-03					
		Tube Drain	68-24026-04					
11		Elbow	68-24121-01					
12		Trap Assembly	68-24120-02					
13		Trap Gasket	68-24123-01					
14		Hole Plugs (2)	45-24125-01					
		1/2 in. Tee	68-21980-02					
		1/2 in. PVC Pipe 4 in.	68-22024-04					
		PVC Vane	68-23473-01					
		PVC Wind Vane	68-24049-01					

No.	Notes	MODEL HEATING CAPACITY BLOWER DESIGNATION VARIATION HEAT/COOL DESIGNATION	RGTK 06E/N M A E	RGTK 07E/N M A E	RGTK 07E/N Y B G	RGTK 09E/N Z A J	RGTK 10E/N Z A J	RGTK 12E/N R A J
ELECTRIC GROUP								
3	Stk	Induced Draft Blower w/Gasket	70-100612-02	70-100612-02	70-100612-02	70-100612-02	70-100612-02	70-100612-02
18	Stk	Limit - Main Limit (Heat Exchanger Panel)	47-25350-01	47-25350-01	47-25350-12	47-25350-10	47-25350-05	47-25350-06
26	Stk	Pressure Switch	42-101104-17	42-101104-18	42-101104-18	42-101104-19	42-101104-20	42-101104-21
39		Door Switch - Push Button	42-22692-02	42-22692-02	42-22692-02	42-22692-02	42-22692-02	42-22692-02
49	Stk	Transformer w/Fuse - Before F1106	46-22863-04	46-22863-04	46-22863-04	46-22863-04	46-22863-04	46-22863-04
49	Stk	Transformer w/Fuse - After F1106	46-101496-01	46-101496-01	46-101496-01	46-101496-01	46-101496-01	46-101496-01
51		Integrated Furnace Control Board (IFC)	See Gas Controls					
52	Stk	Capacitor - Induced Draft Blower	43-100496-03	43-100496-03	43-100496-03	43-100496-03	43-100496-03	43-100496-03
53		Capacitor - Blower Motor	See Blower Group					
54	Stk	Limit - Heat Assisted (Blower Housing)	47-22860-02	47-22860-01	47-22860-02	47-22860-01	47-22860-05	47-22860-03
61	Stk	Limit - Manual Reset (Burner Compartment) (2)	47-22861-02	47-22861-02	47-22861-02	47-22861-02	47-22861-02	47-22861-02
		Twist Lock Wiring Harness - 15 pin to (5 pin/3 pin/6 terminals), 14 wires from 15 pin	45-24393-06	45-24393-06	45-24393-06	45-24393-06	45-24393-06	45-24393-06
		Wiring Harness - 2 pin to 2 terminals	45-24371-23	45-24371-23	45-24371-23	45-24371-23	45-24371-23	45-24371-23
		Wiring Harness - 2 pin to (1 terminal/1 strip back)	45-24371-37	45-24371-37	45-24371-37	45-24371-37	45-24371-37	45-24371-37
		Wiring Harness - 15 pin from IFC Board to (12 pin/3 pin/2 flag terminals), 14 wires from 15 pin (Before F3407)	45-100611-02	45-100611-02	45-100611-02	45-100611-02	45-100611-02	45-100611-02
		Wiring Harness - 15 pin from IFC Board to (12 pin/3 pin/2 flag terminals), 14 wires from 15 pin (After F3407)	45-102667-02	45-102667-02	45-102667-02	45-102667-02	45-102667-02	45-102667-02

No.	Notes	MODEL HEATING CAPACITY BLOWER DESIGNATION VARIATION HEAT/COOL DESIGNATION	RGTK 06E/N M A E	RGTK 07E/N M A E	RGTK 07E/N Y B G	RGTK 09E/N Z A J	RGTK 10E/N Z A J	RGTK 12E/N R A J
BLOWER GROUP								
44	Stk	Blower Assembly (Includes items 45-48, 53)	AS-61697-38	AS-61697-38	AS-61697-39	AS-61697-40	AS-61697-40	AS-61697-41
45		Motor Mount Leg (4)	AE-61698-02	AE-61698-02	AE-61698-02	AE-61698-02	AE-61698-02	AE-61698-02
46	Stk	Blower Motor	51-26141-01	51-26141-01	51-26192-01	51-26192-01	51-26192-01	51-26192-01
47		Housing	AS-61674-14	AS-61674-14	AS-61674-14	AS-61674-15	AS-61674-15	AS-61674-16
48	Stk	Blower Wheel	70-22688-01	70-22688-01	70-24119-01	70-24041-01	70-24041-01	70-20602-01
49		Transformer w/Fuse	See Electrical Group					
50		Control Mounting Plate	AE-67877-01	AE-67877-01	AE-67877-01	AE-67877-01	AE-67877-01	AE-67877-01
51		Integrated Furnace Control Board (IFC)	See Gas Controls					
52		Capacitor - Induced Draft Blower	See Electrical Group					
53	Stk	Capacitor - Blower Motor	43-100509-42	43-100509-42	43-100509-43	43-100509-43	43-100509-43	43-100509-43
54		Limit - Heat Assisted (Blower Housing)	See Electrical Group					

No.	Notes	MODEL HEATING CAPACITY BLOWER DESIGNATION VARIATION HEAT/COOL DESIGNATION	RGTK 06E/N M A E	RGTK 07E/N M A E	RGTK 07E/N Y B G	RGTK 09E/N Z A J	RGTK 10E/N Z A J	RGTK 12E/N R A J
HEAT EXCHANGER, BURNER / MANIFOLD								
18		Limit - Main Limit (Heat Exchanger Panel)	See Electrical Group					
19	Stk	Heat Exchanger Assembly	AS-67818-23	AS-67818-24	AS-67818-26	AS-67818-25	AS-67818-27	AS-67818-28
20		Baffle	AE-61875-01	AE-61875-01	AE-61876-01	AE-61875-01	AE-61875-01	AE-61875-01
21		Rear Baffle	AE-61878-01	AE-61878-01	AE-61878-02	AE-61878-02	AE-61878-02	AE-61878-03
22		Baffle	AE-61875-02	AE-61875-02	AE-61876-02	AE-61875-02	AE-61875-02	AE-61875-02
		Blower Shelf Baffle	N/A	N/A	AE-67845-01	N/A	N/A	AE-67845-01
24		Heat Exchanger Bracket	AE-61959-01	AE-61959-01	AE-61959-01	AE-61959-01	AE-61959-01	AE-61959-01
23		Heat Exchanger Bracket	AE-67846-02	AE-67846-02	AE-67846-02	AE-67846-02	AE-67846-02	AE-67846-02
		NOX Burner Inserts	AE-67863-01 (3)	AE-67863-01 (4)	AE-67863-01 (4)	AE-67863-01 (5)	AE-67863-01 (6)	AE-67863-01 (7)
		NOX Retaining Bracket	AE-67864-01	AE-67864-02	AE-67864-02	AE-67864-03	AE-67864-04	AE-67864-05
55	Stk	Burner Assembly	AS-61984-04	AS-61984-05	AS-61984-05	AS-61984-06	AS-61984-07	AS-61984-08
56		Burner Support Bracket (2)	AE-61808-03	AE-61808-03	AE-61808-03	AE-61808-03	AE-61808-03	AE-61808-03
57a		Burner Support	AE-61809-17	AE-61809-18	AE-61809-18	AE-61809-19	AE-61809-20	AE-61809-21
57b		Burner Support Angle	AE-67880-01	AE-67880-02	AE-67880-02	AE-67880-03	AE-67880-04	AE-67880-05
58		Burner Shield	AE-61807-07	AE-61807-08	AE-61807-08	AE-61807-09	AE-61807-10	AE-61807-11
59	Stk	Manifold (w/o Orifices) - Before F1906	81-101151-02	81-101151-03	81-101151-03	81-101151-04	81-101151-05	81-101151-06
59	Stk	Manifold (w/o Orifices) - After F1906	81-24396-02	81-24396-03	81-24396-03	81-24396-04	81-24396-05	81-24396-06
		Burner Orifice - Natural Gas	See Orifice Selection Chart					
		Burner Orifice - LP	See Orifice Selection Chart					
		Number of Orifices	(4)	(5)	(5)	(6)	(7)	(8)
61		Limit - Manual Reset (Burner Compartment) (2)	See Electrical Group					

No.	Notes	MODEL GAS CODE	RGTK GM	RGTK GL	RGTK GU	RGTK HF		
GAS CONTROLS								
	Stk,1	Gas Valve - Natural Gas	60-23490-12	60-101921-01	60-101921-01	60-24394-01		
	Stk,3,4	Gas Valve - LP	See Note 3	See Note 3	See Note 3	See Note 4		
51	Stk,1	Integrated Furnace Control Board (IFC)	62-100610-02	62-100610-02	62-102636-01	62-102636-01		
	Stk	Flame Sensor	62-23543-05	62-23543-05	62-23543-05	62-23543-05		
	Stk	Spark Ignitor	62-24271-02	62-24271-02	62-24271-02	62-24271-02		
	Stk	LP Conversion Kit	FP-19	FP-21	FP-21	FP-26		

90% GAS FURNACE - ORIFICE SELECTION CHART - NATURAL GAS

CAUTION: Selection of the correct Natural Gas Orifice requires the following information for the specific installation:

1) Altitude in of the installation (ft.).

2) Average energy content of the Natural Gas fuel from the local supplier (BTU/cu. ft.).

For detailed information and instructions for Orifice selection, see the Gas Furnace LP Conversion Kit Index 92-21519-59 and the latest edition of the National Fuel Gas Code Handbook, or the National Standard of Canada, Natural Gas and Propane Installation Code, CAN B149.1.

CAUTION: This information is provided for replacement purposes only. Conversion for operation at High Altitude must be done using the kit specified on the product specification sheet for the unit.

NOTE: This Orifice sizing chart is based on 15,000 BTU/HR per burner.

NOTE: Factory installed orifices are calculated and sized based on a Natural Gas heating value of 1075 BTU/cu. ft. and an elevation of 0 - 2000 ft.

Energy Value (BTU/cu. ft.)	Elevation (ft.)							
	0 - 1999	2000 - 2999	3000 - 3999	4000 - 4999	5000 - 5999	6000 - 6999	7000 - 7999	8000 - 8999
850	62-22175-47	62-22175-48	62-22175-48	62-22175-49	62-22175-49	62-22175-49	62-22175-50	62-22175-50
900	62-22175-48	62-22175-49	62-22175-49	62-22175-49	62-22175-50	62-22175-50	62-22175-50	62-22175-51
975	62-22175-49	62-22175-50	62-22175-50	62-22175-50	62-22175-51	62-22175-51	62-22175-51	62-22175-52
1075	62-22175-50	62-22175-51	62-22175-51	62-22175-51	62-22175-51	62-22175-52	62-22175-52	62-22175-52
1170	62-22175-51	62-22175-51	62-22175-52	62-22175-52	62-22175-52	62-22175-53	62-22175-53	62-22175-53

90% GAS FURNACE - ORIFICE SELECTION CHART - LP

CAUTION: Selection of the correct LP Orifice requires the altitude of the specific installation (ft.).

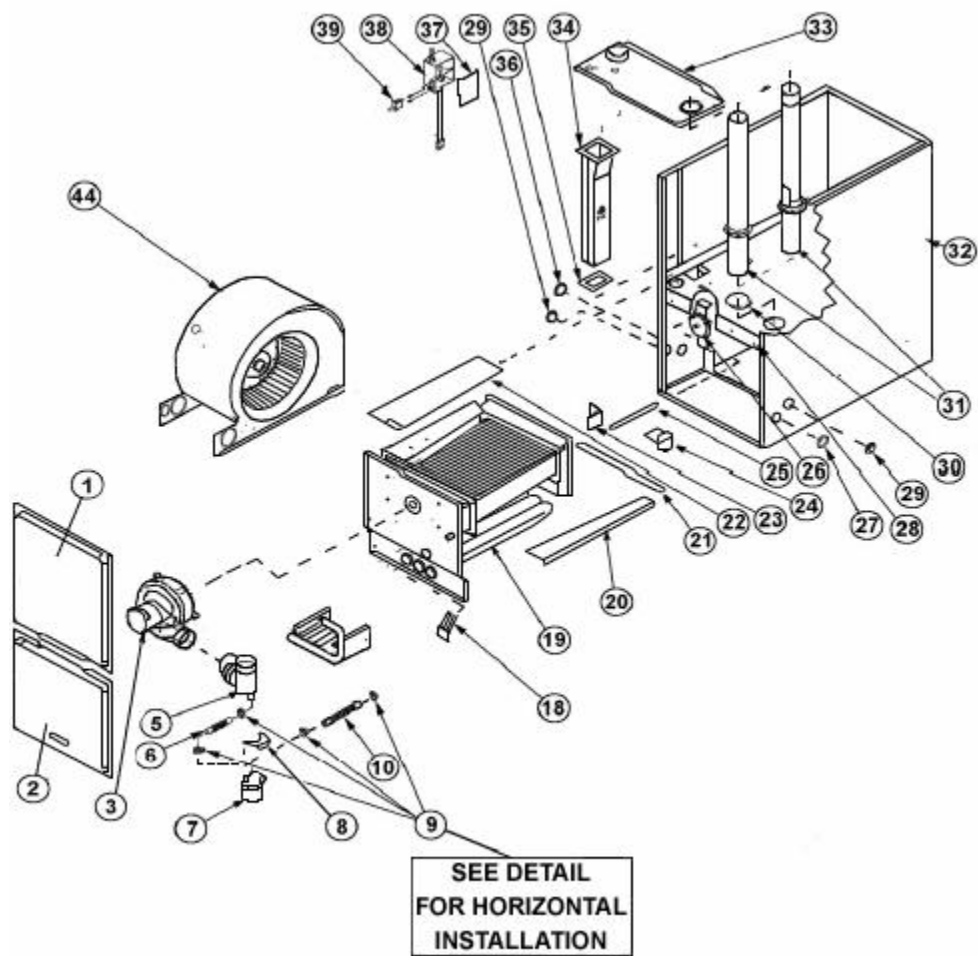
For detailed information and instructions for Orifice selection, see the Gas Furnace LP Conversion Kit Index 92-21519-59 and the latest edition of the National Fuel Gas Code Handbook (NFG), or the National Standard of Canada, Natural Gas and Propane Installation Code, CAN B149.1.

CAUTION: This information is provided for replacement purposes only. Conversion to LP or for operation at High Altitude should be done using the kit(s) specified on the product specification sheet for the unit.

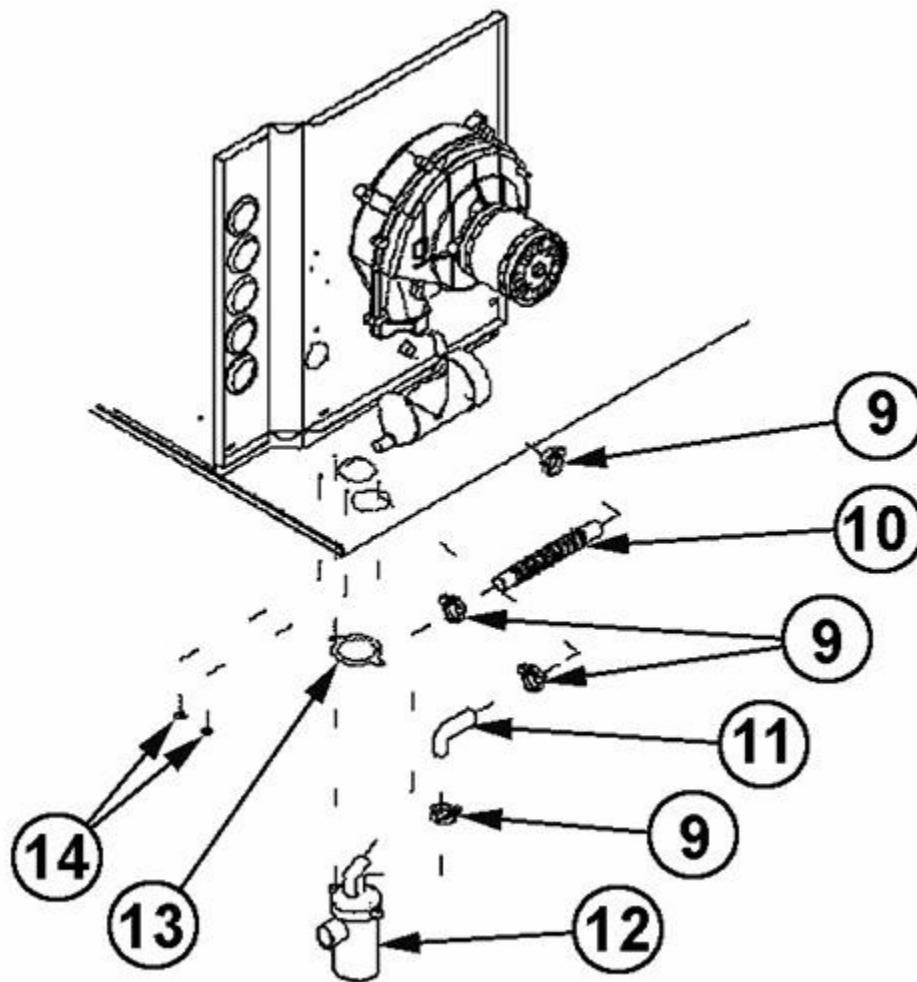
NOTE: This Orifice sizing chart is based on 15,000 BTU/HR per burner. Also, the chart is developed using the specified pressure setting of 10 in. water column instead of the 11.0 in water column used by the NFG and CANB149.1.

NOTE: Orifices supplied in the LP Conversion Kit are calculated and sized based on an altitude of 0 - 2000 ft.

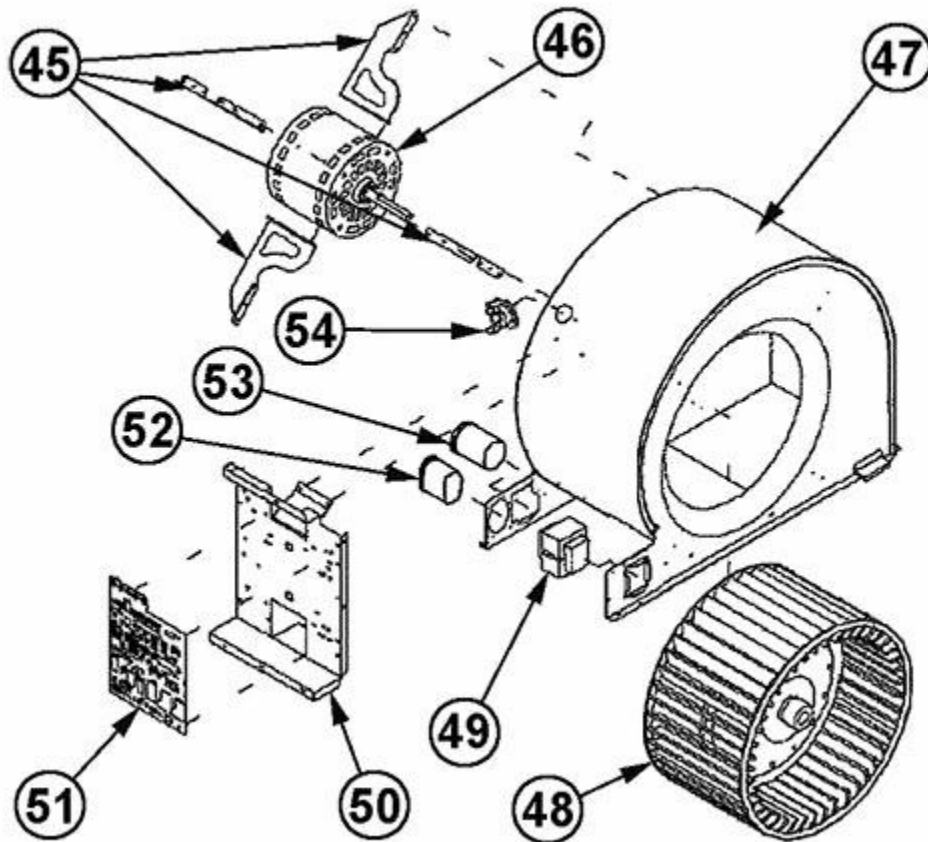
Elevation (ft.)	Orifice							
0 to 2000 ft.	62-22175-91							
2001 to 3000	62-22175-91							
3001 to 4000	62-22175-90							
4001 to 5000	62-22175-58							
5001 to 6000	62-22175-59							
6001 to 7000	62-22175-60							
7001 to 8000	62-22175-62							
8001 to 9000	62-22175-63							
9001 to 1000	62-22175-64							



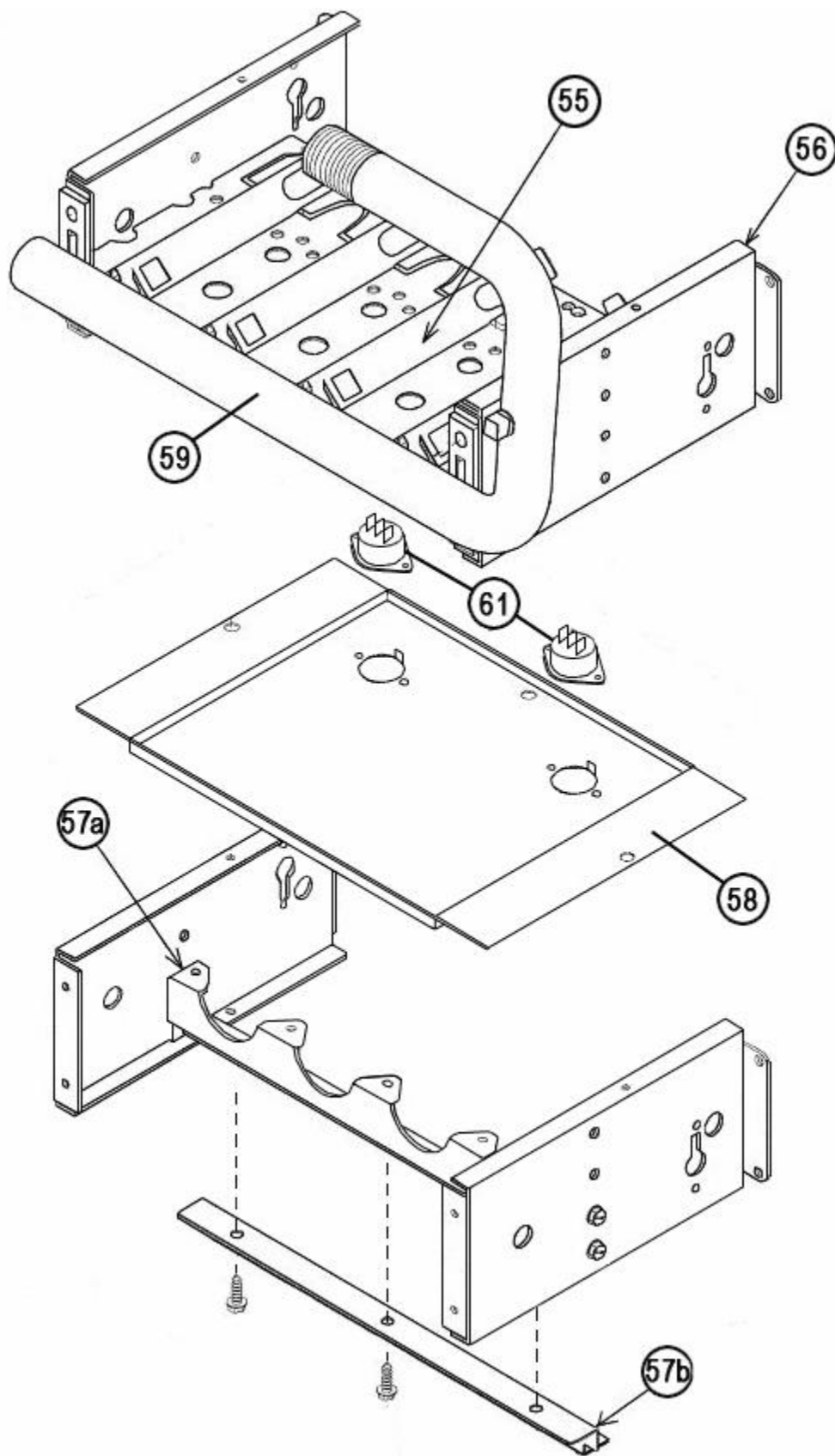
Exploded View



Horizontal Installation Parts



Blower Assembly



Burner Assembly

NOTES

Stk It is recommended that stock be maintained for this part.

N/A Not Applicable

- 1 Some models were labeled incorrectly with GD gas code. The correct gas code for these units is GM.
- 2 Top plate gasket is required for all new replacement top plates - order accordingly.
- 3 Order the specified LP Conversion Kit.
- 4 Order Gas Valve for Natural Gas along with LP Conversion Kit

DISCLAIMER: This document is intended to provide general replacement parts information to aid qualified service personnel in the repair of these models. The complete Model and Serial Number of the unit under repair should be specified when selecting and ordering replacement parts. Specifications and illustrations are subject to change without notice. Document 92-42800-RGTK supersedes all previous parts lists for these models. See <http://www.rheempartslists.net/92-42800-RGTK> for the latest revision of this document. The manufacturer assumes no obligation for errors or omissions. Service personnel must verify the proper and safe operation of equipment after the replacement of any original components.