



RGGD

Parts List
06-March-2008



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

90% Gas Furnaces - Modulating

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MODEL NUMBER EXPLANATION

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

(1) **TRADEBRAND IDENTIFICATION**

(2) **MODEL**
G = Gas Furnace

(3) **TYPE**
G= Modulating Downflow

(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 = 125,000 BTU/HR

E = Electric
N = Electric w/NOX

(6) **BLOWER DESIGNATION**

M = 11 x 7
R = 11 x 10
Z = 12 x 11

(7) **VARIATIONS**
C = Single/Multi Zone

(8) **AIRFLOW**
K = 600-1200 CFM
M = 1200-2000 CFM

(9) **FUEL DESIGNATION**
S = Natural Gas

SERIAL NUMBER EXPLANATION

F	K	5	D	3	0	7	F	2	2	0	2	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) **PLAN**
F = Fort Smith, AR

(8) **WEE**

(9) **YEAR**

(10) **PRODUCTION NUMBER**

No.	Notes	MODEL HEATING CAPACITY VARIATION BLOWER DESIGNATION FUEL DESIGNATION	RGGD 06 M K S	RGGD 07 M K S	RGGD 09 Z M S	RGGD 10 Z M S	RGGD 12 R M S
PANELS, SHEET METAL, AND MISCELLANEOUS							
1		Jacket	AS-67824-08	AS-67824-08	AS-67824-09	AS-67824-09	AS-67824-11
2	1	Top Plate	AE-67805-02	AE-67805-02	AE-67805-03	AE-67805-03	AE-67805-04
	1	Top Plate Gasket	68-102279-01	68-102279-01	68-102279-02	68-102279-02	68-102279-03
3		Blower/Filter Door	AS-61908-02	AS-61908-02	AS-61909-02	AS-61909-02	AS-61910-02
4		Burner Compartment Door	AS-61978-01	AS-61978-01	AS-61979-01	AS-61979-01	AS-61980-01
		Thumbscrew and Insert Kit	64-24081-81	64-24081-81	64-24081-81	64-24081-81	64-24081-81
		Plug Button - 1-5/8 in.	45-22980-02	45-22980-02	45-22980-02	45-22980-02	45-22980-02
		Plug Button - 2 in.	45-22980-08	45-22980-08	45-22980-08	45-22980-08	45-22980-08
5		Control Mounting Plate	AE-67877-01	AE-67877-01	AE-67877-01	AE-67877-01	AE-67877-01
6		Ignitor Control Bracket	AE-67903-01	AE-67903-01	AE-67903-01	AE-67903-01	AE-67903-01
7		Junction Box	AE-67825-01	AE-67825-01	AE-67825-01	AE-67825-01	AE-67825-01
8		Inlet Air Chase Assembly	AS-67848-01	AS-67848-01	AS-67848-01	AS-67848-01	AS-67848-01
9		Pipe Assembly (Sizes 06-10)	68-24150-01	68-24150-01	68-24150-01	68-24150-01	N/A
10		Pipe Assembly (Size 12)	N/A	N/A	N/A	N/A	68-24150-02
		Water Trap Mounting Bracket	AE-61841-01	AE-61841-01	AE-61841-01	AE-61841-01	AE-61841-01
11		Connector Transition Assembly	68-24047-10	68-24047-10	68-24047-11	68-24047-11	68-24047-12
		Trap / Elbow Assembly	68-24048-01	68-24048-01	68-24048-01	68-24048-01	68-24048-01
		Pipe - 24 in.	68-24085-01	68-24085-01	68-24085-01	68-24085-01	68-24085-01
		Nylon Plug - 7/8 in. (2)	45-22926-01	45-22926-01	45-22926-01	45-22926-01	45-22926-01
		Nylon Plug - 1-1/8 in.	45-22926-02	45-22926-02	45-22926-02	45-22926-02	45-22926-02
		Vinyl Grommet - 1-5/8 in. Cabinet Opening	56-22114-01	56-22114-01	56-22114-01	56-22114-01	56-22114-01
		Hose Clamp (4)	64-22043-03	64-22043-03	64-22043-03	64-22043-03	64-22043-03
12		Junction Box Cover	AE-61476-02	AE-61476-02	AE-61476-02	AE-61476-02	AE-61476-02
13		Pressure Switch	See Electrical Group				
14		Door Switch - Push Button	See Electrical Group				
15		Limit - Main Limit (Heat Exchanger Panel)	See Electrical Group				
		Thermistor - Duct Mounted	See Electrical Group				
18		Transformer w/Fuse	See Electrical Group				
19		Power Choke Factor	See Electrical Group				
20		Induced Draft Blower w/Gasket	See Electrical Group				
27		Heat Exchanger Assembly	See Heat Exchanger Group				
28		Filter - Permanent Plastic (2)	54-22699-01	54-22699-01	54-22699-01	54-22699-01	54-22699-02
29		Filter Rack	AE-66681-01	AE-66681-01	AE-66681-01	AE-66681-01	AE-66681-01
37		Gas Valve	See Gas Controls				
38		Integrated Furnace Control Board (IFC)	See Gas Controls				
39		Ignition Control	See Gas Controls				
		Touch-up Paint - Platinum (Aerosol)	523012	523012	523012	523012	523012
		Touch-up Paint - Platinum (Paint Pens)	523013	523013	523013	523013	523013
		Touch-up Paint - Green (Aerosol)	52-18662-48	52-18662-48	52-18662-48	52-18662-48	52-18662-48
		Touch-up Paint - Green (Paint Pens)	523010	523010	523010	523010	523010

No.	Notes	MODEL HEATING CAPACITY BLOWER DESIGNATION VARIATIONS AIRFLOW FUEL DESIGNATION	RGGD All All All All All				
PARTS BAG							
		Complete Parts Bag:	AS-100717-02				
		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 - 2 1/2 in.	68-24049-01				

No.	Notes	MODEL	RGGD	RGGD	RGGD	RGGD	RGGD
		HEATING CAPACITY	06	07	09	10	12
		VARIATION	M	M	Z	Z	R
		BLOWER DESIGNATION	K	K	M	M	M
		FUEL DESIGNATION	S	S	S	S	S
ELECTRIC GROUP							
13	Stk	Pressure Switch Assembly	42-24166-01	42-24166-01	42-24166-03	42-24166-02	42-24166-04
14		Door Switch - Push Button	42-22692-05	42-22692-05	42-22692-05	42-22692-05	42-22692-05
15	Stk	Limit - Main Limit (Heat Exchanger Panel)	47-25350-07	47-25350-06	47-25350-10	47-25350-04	47-25350-11
16	Stk	Limit - Manual Reset (Burner Compartment) (2)	47-22861-02	47-22861-02	47-22861-02	47-22861-02	47-22861-02
17	Stk	Limit - Heat Assisted (Blower Housing)	47-22860-05	47-22860-01	47-22860-05	47-22860-05	47-22860-01
18	Stk	Transformer w/Fuse	46-22863-04	46-22863-04	46-22863-04	46-22863-04	46-22863-04
19		Power Choke Factor	46-24256-02	46-24256-02	46-24256-02	46-24256-02	46-24256-02
20	Stk	Induced Draft Blower w/Gasket	70-24206-01	70-24206-01	70-24206-01	70-24206-01	70-24206-02
26	Stk	Thermistor - Return Air Sensor	47-24253-01	47-24253-01	47-24253-01	47-24253-01	47-24253-01
		Thermistor - Duct Mounted	47-24225-01	47-24225-01	47-24225-01	47-24225-01	47-24225-01
		Wiring Harness - 16 pin from IBM to 5 pin connector	45-24258-07	45-24258-07	45-24258-07	45-24258-07	45-24258-07
		Wiring Harness - 15 pin to 3 pin, 2 pin and 11 terminals (Twist Lock)	45-24393-05	45-24393-05	45-24393-05	45-24393-05	45-24393-05
		Wiring Harness - 5 pin to 3 pin and 2 pin connectors	45-24371-33	45-24371-33	45-24371-33	45-24371-33	45-24371-33
		Wiring Harness - 15 pin to 15 pin and two 4 pin connectors	45-24371-35	45-24371-35	45-24371-35	45-24371-35	45-24371-35
		Wiring Harness - 3 pin to one strip back, one eye and one straight terminal	45-24371-42	45-24371-42	45-24371-42	45-24371-42	45-24371-42

No.	Notes	MODEL	RGGD	RGGD	RGGD	RGGD	RGGD
		HEATING CAPACITY	06	07	09	10	12
		VARIATION	M	M	Z	Z	R
		BLOWER DESIGNATION	K	K	M	M	M
		FUEL DESIGNATION	S	S	S	S	S
BLOWER GROUP							
21	Stk	Blower Assembly (Included items 22-26)	AS-67876-02	AS-67876-02	AS-67876-03	AS-67876-03	AS-67876-04
17		Limit - Heat Assisted (Blower Housing)	See Electrical Group				
22		Housing	AS-61674-24	AS-61674-24	AS-61674-25	AS-61674-25	AS-61674-26
23	Stk	Blower Motor - ECM	51-24374-01	51-24374-01	51-24376-03	51-24376-03	51-24376-01
		Motor Mount Kit (Grommets, Screws, Nuts, Belly Band, Brackets)	70-24104-82	70-24104-82	70-24104-82	70-24104-82	70-24104-82
		ECM Motor Mount (Belly Band)	70-24104-02	70-24104-02	70-24104-02	70-24104-02	70-24104-02
24		Motor Mount (4)	AE-61956-01	AE-61956-01	AE-61956-01	AE-61956-01	AE-61956-01
25	Stk	Blower Wheel	70-24254-02	70-24254-02	70-24179-01	70-24179-01	70-23111-20
26		Thermistor - Return Air Sensor	See Electrical Group				

No.	Notes	MODEL HEATING CAPACITY VARIATION BLOWER DESIGNATION FUEL DESIGNATION	RGGD 06 M K S	RGGD 07 M K S	RGGD 09 Z M S	RGGD 10 Z M S	RGGD 12 R M S
HEAT EXCHANGER, BURNER / MANIFOLD							
27	Stk	Heat Exchanger Assembly	AS-67834-09	AS-67834-10	AS-67834-11	AS-67834-13	AS-67834-14
		Heat Exchanger Bracket	AE-61959-01	AE-61959-01	AE-61959-01	AE-61959-01	AE-61959-01
		Heat Exchanger Bracket	AE-67846-02	AE-67846-02	AE-67846-02	AE-67846-02	AE-67846-02
		NOX Burner Inserts	AE-67863-01	AE-67863-01	AE-67863-01	AE-67863-01	AE-67863-01
		NOX Retaining Bracket	AE-67864-01	AE-67864-02	AE-67864-03	AE-67864-04	AE-67864-05
31	Stk	Burner Assembly	AS-61984-04	AS-61984-05	AS-61984-06	AS-61984-07	AS-61984-08
32		Burner Support	AE-61809-17	AE-61809-18	AE-61809-19	AE-61809-20	AE-61809-21
33		Burner Support Bracket	AE-61808-03	AE-61808-03	AE-61808-03	AE-61808-03	AE-61808-03
34		Burner Support Angle	AE-67880-01	AE-67880-02	AE-67880-03	AE-67880-04	AE-67880-05
35	Stk	Manifold (w/o Orifices) - Before F1906	AS-67814-12	AS-67814-13	AS-67814-14	AS-67814-15	AS-67814-16
35	Stk	Manifold (w/o Orifices) - After F1906	81-24396-02	81-24396-03	81-24396-04	81-24396-05	81-24396-06
36		Burner Shield	AE-61807-07	AE-61807-08	AE-61807-09	AE-61807-10	AE-61807-11
		Burner Orifice - Natural Gas	See Orifice Selection Chart				
		Burner Orifice - LP	See Orifice Selection Chart				
		Number of Orifices	(4)	(5)	(6)	(7)	(8)

No.	Notes	MODEL GAS CODE	RGGD ER	RGGD FH	RGGD FK		
GAS CONTROLS							
37	Stk	Gas Valve - Natural Gas	60-24215-03	60-24215-03	60-24215-03		
37	Stk,2	Gas Valve - LP	See Note 1	See Note 1	See Note 1		
38	Stk	Integrated Furnace Control Board (IFC)	62-24306-02	62-24306-05	62-24174-02		
39	Stk	Ignition Control	62-24307-01	62-24307-01	62-24181-01		
	Stk	Flame Sensor	62-23543-05	62-23543-05	62-23543-05		
	Stk	Spark Ignitor	62-24271-02	62-24271-02	62-24271-02		
	Stk	LP Conversion Kit - U.S. Models	FP-07	FP-07	FP-07		
	Stk	LP Conversion Kit - Canadian Models	FP-08	FP-08	FP-08		

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.).

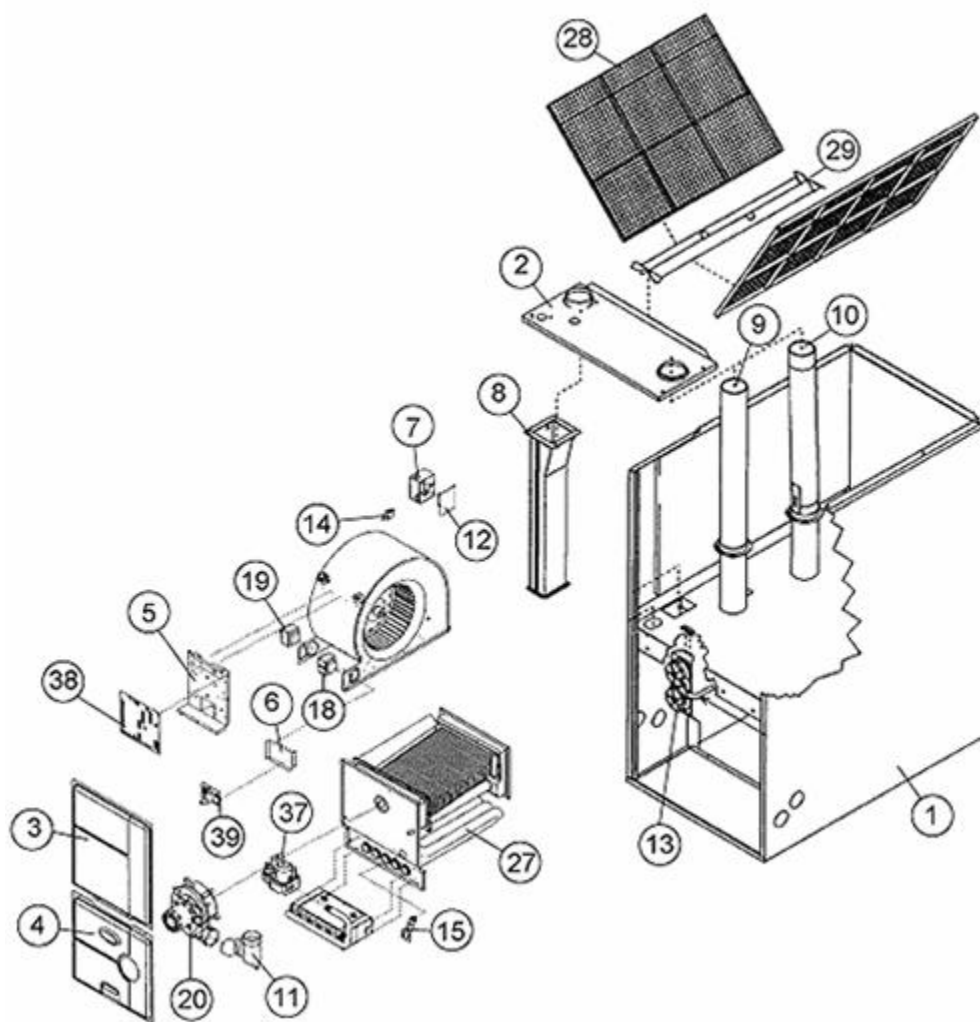
For detailed information and instructions for Orifice selection, see the Gas Furnace LP Conversion Kit Index 92-21519-59 and the latest edition of the National Fuel Gas Code Handbook (NFG), or the National Standard of Canada, Natural Gas and Propane Installation Code, CAN B149.1.

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.

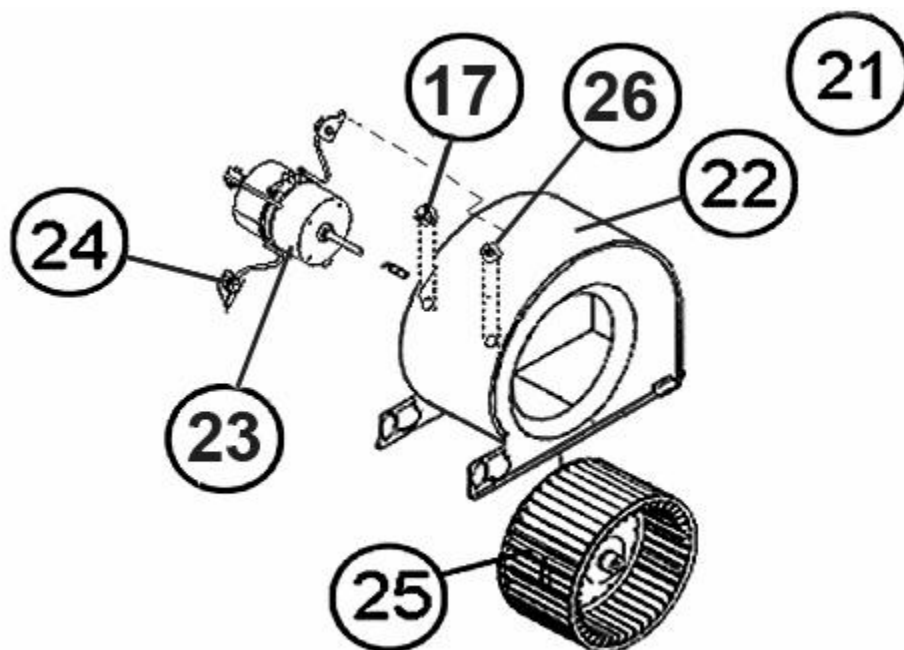
NOTE: This Orifice sizing chart is based on 15,000 BTU/HR per burner. Also, the chart is developed using the specified pressure setting of 10 in. water column instead of the 11.0 in water column used by the NFG and CANB149.1.

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

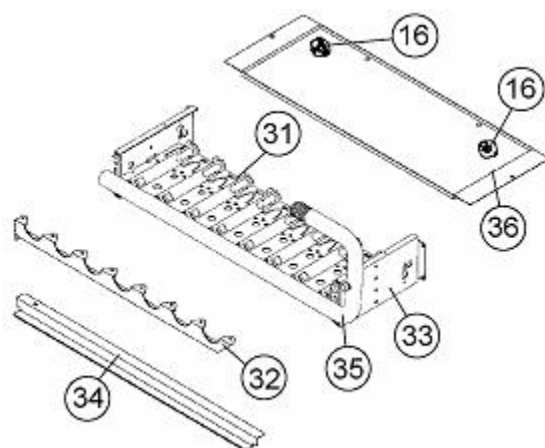
Elevation (ft.)	Orifice							
0 to 2000 ft.	62-22175-91							
2001 to 3000	62-22175-91							
3001 to 4000	62-22175-90							
4001 to 5000	62-22175-58							
5001 to 6000	62-22175-59							
6001 to 7000	62-22175-60							
7001 to 8000	62-22175-62							
8001 to 9000	62-22175-63							
9001 to 1000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



Exploded View



Blower Assembly



Burner Assembly

NOTES

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

N/A Not Applicable

- 1 Top plate gasket is required for all new replacement top plates - order accordingly.
- 2 Order the specified 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-RGGD supersedes all previous parts lists for these models. See <http://www.rheempartslists.net/92-42800-RGGD> 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.