

# RAND & REARDON

## GAS BOILERS



### Efficient, gas-fired cast iron, water boilers

- **84% AFUE**
  - Meets DOE 2021 government requirements
- **67 to 268 MBH**
  - In 7 sizes
- **Chimney vented**
- **Integrated boiler control**
  - User-friendly
  - Energy-saving “thermal purge” feature circulates residual warm water in heating system prior to firing boiler
  - Includes low water cutoff
  - Two pump relays for a system pump plus an additional zone or indirect water heater
- **Natural gas**
  - LP gas available via conversion kit, see back for details
- **Cast iron heat exchanger**
  - Meets the ASME Boiler and Pressure Vessel Code
- **Steel section connectors**
  - Provide reliable connection between cast iron sections
- **Concealed controls & components**
- **Lifetime limited warranty**
  - See your installing contractor for more warranty information

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# Ratings & Specifications



Ratings				
Model	Input <sup>1</sup> (MBH)	DOE Heating Capacity (MBH)	AHRI Net Rating <sup>2</sup> (MBH)	AFUE (%)
RRG067E	67	56	49	84.0
RRG100E	100	84	73	84.0
RRG134E	134	113	98	84.0
RRG167E	167	140	122	84.0
RRG201E	201	169	147	84.0
RRG234E	234	197	171	84.0
RRG268E	268	225	196	84.0

- Input ratings can be used for elevations up to 2,000 feet. Refer to IO&S manual appendix "High Altitude Installations" for installations above 2,000 feet.
- The net AHRI water ratings shown are based on a piping and pickup allowance of 1.15. The manufacturer should be consulted before selecting a boiler for installations having unusual piping and pickup requirements, such as intermittent operation, extensive piping systems, etc.



Weights (lbs.) & Volume (gal.)			
Model	Ship Wt.	Empty Wt.	Water Content
RRG067E	241	182	2
RRG100E	292	230	3
RRG134E	341	279	4
RRG167E	390	328	5
RRG201E	449	378	6
RRG234E	502	431	7
RRG268E	548	476	8

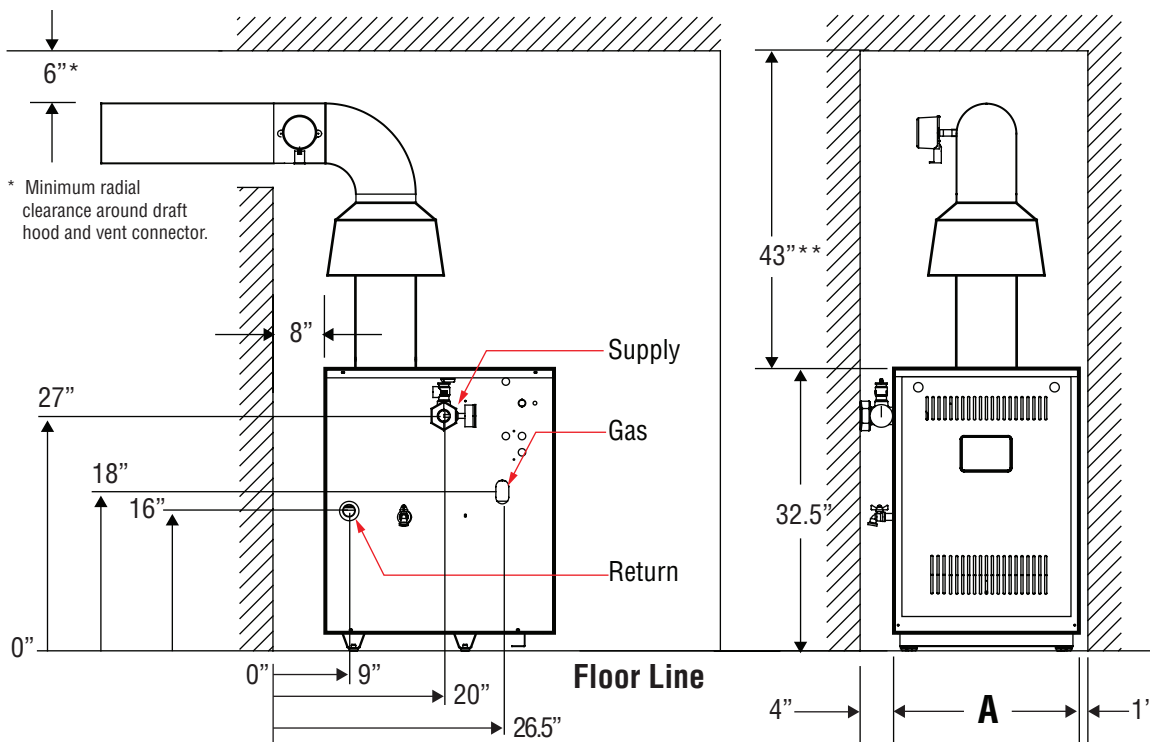
### Standard Equipment

- Fully packaged
- Insulated powder coated steel jacket
- Draft hood, damper and harness
- Heavy gauge 1" base insulation
- Integrated boiler control
- Step-opening redundant gas valve
- Spark ignition with continuous retry
- User-friendly wiring with 120V J-box
- LWCO (IDL-1200) pre-installed with high limit sensor in dual-purpose well
- ECM Circulator – Taco 007e
- Cast iron section assembly
- Resettable blocked vent switch
- Boiler drain valve
- Cast iron supply manifold with safety relief valve tapping

NOTE: Boilers are shipped for natural gas combustion only for elevations from sea level to 2000 feet. Conversion kits are required for LP combustion and higher elevations (see below).

Conversion Kits			
Fuel	0-2000 ft.	2,001-5,400 ft.	5,401-10,000 ft.
Nat. Gas	Factory Standard	109999-01	110000-01
LP Gas	109997-01 (3-6 sections)	110001-01 (3-6 sections)	110002-01 (3-6 sections)
	109997-02 (7-9 sections)	110001-02 (7-9 sections)	110002-02 (7-9 sections)

Dimensions (inches)					
Model	Sections	Depth	A	Vent	Gas NPT
RRG067E	3	27	14	4	1/2
RRG100E	4	27	16	5	1/2
RRG134E	5	27	19	6	1/2
RRG167E	6	27	22	6	1/2
RRG201E	7	27	25	7	3/4
RRG234E	8	27	28	7	3/4
RRG268E	9	27	31	8	3/4



\*\* Additional height required to maintain 6" clearance from all vent connector components. Vent damper may be installed in vertical or horizontal section of vent connector within reach of vent damper harness.

