# 



# Gas Fired, Chimney Vented, Cast Iron Water Boiler

- Traditional design, enhanced for greater value and ease of installation
- 84% AFUE
- · Premium control set
  - -Hydrostat 3200, pre-installed LWCO
  - -Resideo S8610 ignition
- Reliable, American-made cast iron heat exchanger
  - Greater turbulence inside sections, promotes efficient heat transfer
  - -Steel connections between sections
  - Industry standard tapping locations
- Stainless steel burners
- Clean appearance
  - -Controls & components concealed in vestibule
- Taco®007e or Grundfos® Alpha2 circulator
- 5 sizes available, 67-201 MBH
- · Lifetime limited warranty



RANGES

### **Ranger** Technical Information

# (A<sub>S<sub>ME</sub></sub>)





#### **Standard Equipment**

- Insulated powder coated steel jacket
- Draft hood, automatic damper and harness
- · Heavy gauge 1" base insulation
- Hydrostat<sup>®</sup> 3200 three-function hydronic control w/digital display
  - Primary circulator control
  - LWCO, auto or manual reset
  - Thermal targeting or optional ODR
  - Pre-purge latent heat circulation
- Step-opening redundant gas valve

- · Spark ignition with continuous retry
- · Stainless steel precision burners
- User-friendly wiring with 120V J-box
- ECM Circulator choice of Taco or Grundfos
- · Resettable blocked vent switch
- Boiler drain valve
- Cast iron supply manifold with safety relief valve tapping

Ratings				
Input <sup>1</sup> (MBH)	DOE Heating Capacity (MBH)	AHRI Net Rating <sup>2</sup> (MBH)	AFUE (%)	
67	56	49	84.0	
100	84	73	84.0	
134	113	98	84.0	
167	140	122	84.0	
201	169	147	84.0	
	(MBH) 67 100 134 167	Input   Capacity (MBH)   67   56   100   84   113   167   140	Input¹ (MBH) Capacity (MBH) Net Rating² (MBH)   67 56 49   100 84 73   134 113 98   167 140 122	

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

- 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.

Conversion Kits					
Fuel	Sections	0-2000 ft.	2,001-5,400 ft.	5,401-10,000 ft.	
LP to	3-6	109705-01	109697-01	109698-01	
Nat.Gas	7	109705-02	109097-01	109090-01	
Nat. Gas	3-6	109706-01	109699-01	109700-01	
to LP	7	109706-02	109699-02	109700-02	

Dimensions (inches)					
Model	Sections	Depth	Α	Vent	Gas NPT
RGR-3-067	3	27	14	4	1/2
RGR-4-100	4	27	16	5	1/2
RGR-5-134	5	27	19	6	1/2
RGR-6-167	6	27	22	6	1/2
RGR-7-201	7	27	25	7	1/2

Weights (lbs.) & Volume (gal.)				
Model	Ship Wt.	Empty Wt.	Water Content	
RGR-3-067	241	182	2	
RGR-4-100	292	230	3	
RGR-5-134	341	279	4	
RGR-6-167	390	328	5	
RGR-7-201	449	378	6	

