

Lexus II

GWS

Gas-fired Water Boilers



Lexus II Gas-Fired Water Boilers

Wayne's Lexus II gas-fired water boilers are factory tested and packaged. Their rugged construction and compact design feature cast iron sections with built-in air separators and insulated heavy-gauge steel jackets.

- Sealed combustion system provides versatility by allowing the use of outside combustion air
- 63,000 to 158,000 Btu/hr Input Natural or LP gas

Easy to service

- One-piece access door
- Plug-in wiring
- Control module with diagnostic lights

High efficiency

- AFUE's to 85.3%
- Spark-ignited pilot with electronic control



GWS Warranty

- Limited lifetime warranty on heat exchanger
- 1-year limited warranty on parts
- Optional 5- or 10-year parts and labor warranty



DOE

Specifications

GWS

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GWS Water Boiler

Boiler model number	0-2,000 feet altitude		2,000-4,500 feet altitude (Canada) ¹		Net I=B=R ratings Btuh ⁴	Boiler water content Gallons	DOE seasonal efficiency % A.F.U.E. ²	Vent size	Circulator flange size (Recommended supply & return pipe size, NPT)
	Input Btuh	Output Btuh ²	Input Btuh	Output Btuh					
GWS-063 ³	63,000	54,000	56,700	48,600	47,000	1.5	85.3	3"	1"
GWS-095	95,000	81,000	85,500	72,900	70,000	2.1	84.6	3"	1"
GWS-127	127,000	107,000	114,300	96,300	93,000	2.7	84.0	3"	1"
GWS-158	158,000	133,000	142,200	119,700	115,000	3.3	83.4	3"	1 1/4"

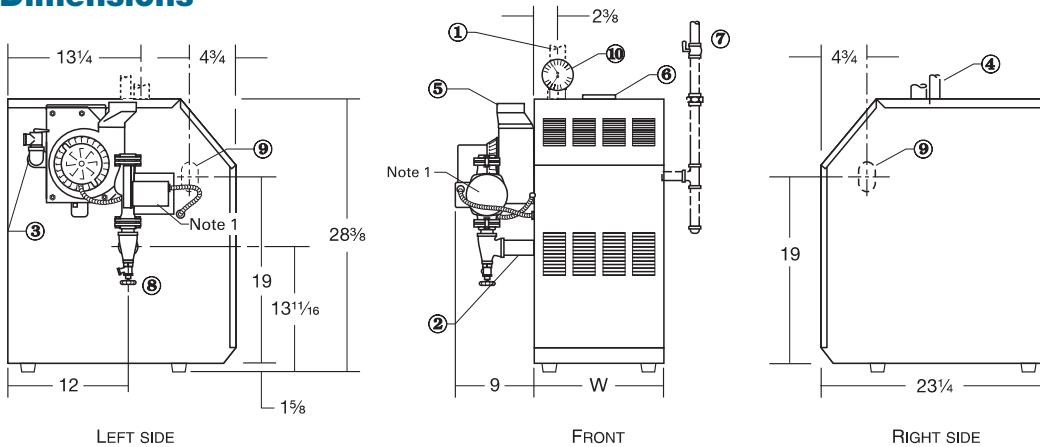
¹ Contact your dealer regarding information and parts for high altitude applications.

² Based on standard test procedures prescribed by the United States Dept. of energy.

³ Wayne has determined that the GWS-063 meets the Energy Star guidelines for energy efficiency.

⁴ Net I=B=R ratings are based on net installed radiation of sufficient quantity for the requirements of the building and nothing need be added for normal piping and pickup. Ratings are based on a piping and pickup allowance of 1.15. Additional allowance should be made for unusual piping and pickup loads.

Dimensions



- ① Supply piping (Note 1)
- ② Return piping (Note 1)
- ③ Relief valve, 3/4" NPT
- ④ 1/2" NPT to expansion tank/air vent
- ⑤ Vent connection, 3" diameter (Note 2)
- ⑥ 3/3 1/2" diameter air pipe connection
- ⑦ Gas supply piping
- ⑧ Drain valve
- ⑨ Gas supply entrance (right or left side)
- ⑩ Pressure/temperature gauge (in tee on supply)

Note 1: Boiler supply and return tapings are 1 1/4" NPT. Circulator flanges shipped with boiler are sized to recommended pipe size listed in RATINGS table above. Boiler circulator is shipped loose and may be mounted on either boiler supply or return piping.

Note 2: Use only AL29-4C venting per instructions in Boiler Manual.

Boiler model	W
	Width
GWS-063	13
GWS-095	16
GWS-127	19
GWS-158	22

Installation: GWS boilers are CSA design certified for installation on combustible flooring. (Do not install on carpeting.)

GWS Equipment

- Factory tested
- Insulated extended steel jacket
- Cast iron sections with built-in air separator
- Induced-draft blower assembly
- Air pressure switch
- Stainless steel burners
- Electrical junction box
- 24-VAC combination gas valve
- 40VA control transformer
- Plug-in wiring
- Taco 007 circulator
- High temperature limit control
- 30 PSIG ASME relief valve
- Combination pressure/temperature gauge
- Spark-ignited (intermittent) pilot system
- Electronic ignition/flame supervisory control