

# MIURA LXW GAS/LOW NOx SERIES

*Hot Water Boiler*

**NEW**



**XJ1**  
*Micro Computer  
Boiler Control  
System*



*The most  
versatile  
industrial  
steam boiler  
in the world*

*The intelligent  
boiler that works with you*  
[www.miuralboiler.com](http://www.miuralboiler.com)

 **MIURA**  
*...Setting New Standards in Boiler Technology*

## LXW Series Specifications

ITEM	LXW-50G	LXW-100G	LXW-150G	LXW-175G
Design	Multiple Water Tube, Hot Water Boiler			
Utilization Horsepower	50 BHP	100 BHP	150 BHP	175 BHP
Maximum Pressure	160 PSIG			
Max. Water Temperature	250°F			
Heat Output	1,674,000 BTU/HR	3,348,000 BTU/HR	5,022,000 BTU/HR	5,859,000 BTU/HR
Efficiency (*1)	82%			
Full Water Content	44 GAL	64 GAL	90 GAL	90 GAL
Heating Surface Area	176.5 FT <sup>2</sup>	246.7 FT <sup>2</sup>	404 FT <sup>2</sup>	404 FT <sup>2</sup>
Operational Weight	3,200 LBS	4,650 LBS	5,800 LBS	5,800 LBS
Shipping Weight	3,000 LBS	4,100 LBS	5,000 LBS	5,000 LBS
<b>Dimensions Given are Approximate</b>				
Width	33 in.	33 in.	44 in.	44 in.
Length	81 in.	102¾ in.	151¼ in.	156¼ in.
Height	105¼ in.	108½ in.	111 in.	113¼ in.
Combustion System	Proprietary Forced Draft, Step Fired Modulation Hi-Low-Off			
Ignition System	Electric Spark Ignited, Interrupted Gas Pilot			
Power Supply	230, 460, or 575 V, 3 PHASE, 60 HZ			
Max. Electrical Consumption	3.7 KVA	9.5 KVA	14.1 KVA	14.1 KVA
Fuel Type (*2)	Natural Gas or Propane (3-5 PSIG)			
Gas Consumption (*3)	2,030 SCFH	4,070 SCFH	6,100 SCFH	7,120 SCFH
Gas Supply Pressure	3-5 PSIG Natural Gas or Propane			
Main Water Outlet	3 in.	4 in.	6 in.	6 in.
Safety Valve Outlet	1 in.	1 in.	1½ in.	1½ in.
Main Water Inlet	3 in.	4 in.	6 in.	6 in.
Fuel Gas Inlet	1½ in.	2 in.	2 in.	2 in.
Manual Blowdown	1½ in.	1½ in.	1½ in.	1½ in.
Chimney Diameter (ID)	12 in.	14 in.	14 in.	20 in.
Flame Detector	Ultraviolet Flame Eye Sensor			
Temperature Control	Adjustable Temperature Controllers			
Overheat Protection	Low Water Cut Off & Thermocouple & Flow Switch			

"G" - Natural Gas or Propane Fired

### Note:

- 1 Thermal efficiencies are based on high heating values of fuels at 140°F supply temperature water.
- 2 UL and CGA/CSA approved for Natural Gas and Propane.
- 3 Gas consumption based on natural gas with high heating value of 1004 BTU/SCF.
- 4 All Miura hot water boilers are fully packaged and test fired at the factory.
- 5 Built to meet or exceed UL & ASME standards in U.S.A.; CGA/CSA & B-51 standards in CANADA.
- 6 49 BHP units available on request.

Patented in the U.S.A.



Visit our web page at [www.miuraboiler.com](http://www.miuraboiler.com)

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The descriptions and specifications are approximate.

Specifications subject to change to incorporate engineering advances. Manufacturer reserves the right to change specifications and dimensions at any time without liability for equipment previously or subsequently sold.