

# MIURA LXW GAS/LOW NOx SERIES Hot Water Boiler

*The most  
versatile  
industrial  
hot water  
boiler in  
the world*



*The  
intelligent  
boiler  
that works  
with you*



*...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.	151¾ in.	156¾ in.
Height	105¼ in.	108½ in.	111 in.	113¾ 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 SCHF	4,070 SCHF	6,100 SCHF	7,120 SCHF
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 and 200 BHP units available on request.

Patented in the U.S.A.



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**REPRESENTED BY:**

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The descriptions and specifications are approximate.

MIURA Boiler reserves the right to discontinue and/or change models and specifications without notice and without incurring obligation.

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