

LXW

MIURA GAS/LOW NO_x SERIES

Hot Water Boiler



NEW



XJ1
*Micro Computer
Boiler Control
System*

*The most
versatile
hot water
boiler in
the world*



*The intelligent boiler
that works with you*

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

LXW Series Specifications

ITEM	LXW-50G	LXW-100G	LXW-150G	LXW-175G	LXW-200G
Design	Multiple Water Tube, Hot Water Boiler				
Utilization Horsepower	50 BHP	100 BHP	150 BHP	175 BHP	200 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	6,696,000 BTU/HR
Efficiency (*1)	82%				80%
Full Water Content	44 U.S. GAL	64 U.S. GAL	90 U.S. GAL	90 U.S. GAL	90 U.S. GAL
Heating Surface Area	177 FT ²	247 FT ²	404 FT ²	404 FT ²	404 FT ²
Operational Weight	3,300 LBS	4,650 LBS	5,800 LBS	5,800 LBS	5,800 LBS
Shipping Weight	3,000 LBS	4,100 LBS	5,000 LBS	5,000 LBS	5,000 LBS
Dimensions Given are Approximate					
Width	33 in.	33 in.	44 in.	44 in.	44 in.
Length	81 in.	102½ in.	151½ in.	156½ in.	156½ in.
Height	105¼ in.	108½ in.	111 in.	113¾ 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	3.8 KVA	10.4 KVA	14.4 KVA	14.4 KVA	14.4 KVA
Fuel Type (*2)	Natural Gas or Propane				
Gas Consumption (*3)	2,030 SCFH	4,070 SCFH	6,100 SCFH	7,120 SCFH	8,340 SCFH
Gas Supply Pressure	3-5 PSIG				
Main Water Outlet	3 in.	4 in.	6 in.	6 in.	6 in.
Main Water Inlet	3 in.	4 in.	6 in.	6 in.	6 in.
Safety Valve Outlet	1 in.	1 in.	1½ in.	2 in.	2 in.
Fuel Gas Inlet	1½ in.	2 in.	2 in.	2 in.	2 in.
Drain	1½ in.	1½ in.	1½ in.	1½ in.	1½ in.
Chimney Diameter (ID)	12 in.	14 in.	14 in.	20 in.	20 in.
Flame Detector	Ultraviolet Flame Eye Sensor				
Temperature Control	XJ1-W Micro Computer Control System (Thermocouple)				
Overheat Protection	Aquastat High Limit, Low Water Cut Off & Flow Switch				

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.



Patented in the U.S.A.



Visit our web page at www.miuraboiler.com

MIURA Boiler Co., Ltd.

8 Copernicus Boulevard
 Brantford, Ontario
 N3P 1Y4 Canada
 Tel: (519) 758-8111
 Fax: (519) 758-5294
 e-mail: miurasal@bis.on.ca

MIURA Boiler West, Inc. (L.A.)

1945 South Myrtle Av.
 Monrovia, CA
 91016-4854
 Tel: (626) 305-6622
 Fax: (626) 305-6624
 e-mail: LA@miuraboiler.com

MIURA Boiler West, Inc. (Chicago)

600 Northgate Parkway, Suite M
 Wheeling, IL
 60090-3201
 Tel: (847) 465-0001
 Fax: (847) 465-0011
 e-mail: chicago@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.