GAS/LOW NOX SERIES MIURA

Hot Water Boiler

NEW



Micro Computer Boiler Control System

The most versatile hot water boiler in the world



The intelligent boiler that works with you



| 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. | 102¾ in. | 151¾ in. | 156¾ in. | 156% 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 | | | | |

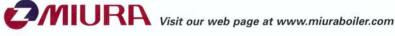
Note:

- Thermal efficiencies are based on high heating values of fuels at 140°F supply temperature water.
- UL and CGA/CSA approved for Natural Gas and Propane.
- Gas consumption based on natural gas with high heating value of 1004 BTU/SCF.
- All Miura hot water boilers are fully packaged and test fired at the factory.
- 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.







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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.