

LX SERIES Gas Fired High Efficiency, Low NOx Steam Boiler



5 MINUTE STARTUP:
With Miura's
Low water
content design

STANDARD FEATURES

- Gas-fired: Natural Gas, Propane, or both on most models
- High and low-pressure steam options
- Low NOx Rating
- Small footprint; Occupies 50% less floor space than typical firetube boilers
- Equipped with intelligent BL controller for easy-to-use interface
- Low Water Volume Pressure Vessel

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Miura is known worldwide for our commitment to protecting the environment with our innovative and efficient boiler designs. Our Low NOx steam boilers meet and exceed current and proposed regulations for Nitrogen oxide emissions levels, as low as 9ppm NOx at 3% corrected O2.

LX SERIES

SPACE SAVING

The LX-Series' compact, modular design takes up 50% less floorspace when compared to a traditional firetube boiler while providing comparable output, saving both floor space and construction costs.

Our engineering staff and design engineer came away impressed with the versatility of the boilers from an operational perspective, and also the ease of maintenance. After further investigation we became believers that these little units could do the job and we designed the new plant around Miura Boilers.

Joe Buri

Director of Facility Services

LX SERIES STEAM BOILER

Prepare to rethink the steam boiler. Miura's modular LX-Series boiler serves as the foundation of safe, reliable, and efficient steam systems and is fully scalable for evolving needs. Achieve exceptional performance with the peace of mind that steam will be there when you need it.



UNIQUE HEAT EXCHANGER DESIGN



The LX-Series boiler features a pressure vessel with a unique tube selection and layout, including different types of finned tubes as part of the compact and low water content design. Combining these features with the pressure vessel's no thermal stress welded design gave birth to numerous benefits that the steam boiler industry believed to be unrealistic: inherent safety, five-minute start-up, and the on-demand boiler operation concept.

UNPARALLELED SAFETY

With more than 150,000 units in operation worldwide, Miura's once-through watertube boilers are built safer-by-design with an unmatched safety record of zero catastrophic failures. The low water content design stores less energy and utilizes a unique water tube design, greatly reducing risk. Easy accessibility and compact size also make maintenance simple and safe for operators.

FULL STEAM IN 5 MINUTES

Floating headers means Miura boilers can produce steam in 5 minutes or less from a cold start, resulting to our clients using substantially less gas and oil. Saving an average of 20% on fuel costs and equivalent CO2 reductions. Standard firetubes require 1 to 1.5 hour start-up times. Miura's unique design yields significant time and fuel savings.

SCALABLE STEAM

One of the biggest advantages of a modular boiler system is scalability. With Miura's Multiple Installation System (MI), companies can configure an on-demand boiler system to address their fluctuating steam needs. The MI system allows you to configure your system with the exact number of boilers needed to build to present steam loads within precise tolerances. From there, it is a fairly easy process to add units to your Miura boiler system to meet steam requirements as your operations grow.

