



Setting New Standards in Boiler Technology

*The MIURA Advantage —
21st Century design
and manufacturing...*

*...delivering unparalleled
customer service,
space savings and Fuel
efficiency.*



www.miuraboiler.com

Fast & Efficient

MIURA's exclusive "floating header, watertube" design is the most versatile boiler available in the marketplace today. A once-through, forced circulation steam generator producing steam in just 5-10 minutes while maintaining an 85% fuel-to-steam efficiency.

EX-Series

A once-through, forced-flow, steam generator design provides full output within 5 minutes.

- **Gas-Oil dual fuel burner**
- **Up to 300BHP per boiler and up to 4,500HP (150,000lb/hr) with our MI-system**
- **Up to 250psi pressure boiler is available**



LX-Series

Miura's Ultra Low NOx Steam Generator uses the most advanced technology. The flat shaped burner and the rectangular shaped boiler vessel are uniquely designed for the reliable low NOx.

- **5 minutes from cold start to full pressure**
- **Ultra Low NOx gas burner with "Quenched flame"**
- **Up to 300HP per boiler and up to 4,500HP (150,000lb/hr) with our MI-system**
- **170 PSIG & 15 PSIG MAWP available**

WX-Series

The Low NOx, Gas with Oil backup, low-water content, water tube boiler design provides full output within 10 minutes.

- **Gas with Oil backup dual fuel burner**
- **10 minutes from cold start to full pressure**
- **Low NOx Gas Boiler 30 ppm at 3% connected O2**
- **15PSIG MAWP (WXL-Series) also available**



HOT WATER BOILERS

LXW-Series

Miura's Low NOx Hot Water Boiler utilizes a flat shaped burner and rectangular shaped boiler vessel uniquely designed for the LXW.

- **Typically only one-third the footprint of conventional firetube boilers**
- **Low NOx gas burner with "Quenched flame"**
- **Up to 200HP per boiler**



EXW-Series

Miura's Gas/Oil hot water boiler is a low water content, water tube design, which provides full output within 5 minutes.

- **Gas/Oil dual fuel burner**
- **Up to 300 BHP per boiler**



A Family of solutions...

...uniquely designed for minimum maintenance and maximum efficiency.

Colormetry Intelligent Water Manager

Colormetry's integrated automatic monitoring system detects the slightest water hardness leakage.

- **Interfaces with MIURA XJ1 System to minimize damaging boiler scale formation**
- **Compact Design with easy to read digital screen**
- **One-Touch Cartridge Replacement**
- **Self Calibrating for ease of use**
- **Can be used in a variety of non-boiler applications**



MIURA MI System

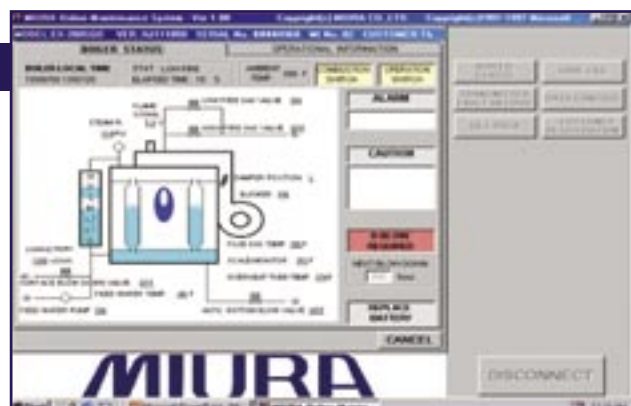
A Multiple Unit Installation, up to 4,500 HP per controller, delivers maximum efficiency and savings, providing fast steam within 5 minutes from a cold start.

- **In-Service Efficiencies deliver fuel savings of 10-40% over traditional systems**
- **Built-in back-up and flexibility for expansion, installation and inspection scheduling**
- **Easy operation with the XJ1 Micro Computer System**
- **Ultracompact systems deliver space savings**

Online Maintenance

The electronic equivalent of a boiler operator watching your boiler every second of the year.

- **Provides electronic, remote monitoring and trouble-shooting data, 24 hours/day, 7 days/week, 365 days/year.**
- **Provides a wealth of data and reporting for increased efficiencies**
- **Pinpoint accuracy up to 4 seconds prior to failure to diagnose and solve problems**
- **Revolutionary system tracks boiler performance anywhere in the world**
- **Requires only a dedicated analog phone connection for up to 31 boilers per connection**



XJ1 Micro Computer Boiler Control System

Miura's training program and the intuitive XJ1 system works for you and with you, identifying problems and suggesting solutions in plain, descriptive English on an easy-to-read display.

- **Greater control over steam pressure settings for steadier steam pressure**
- **Interfaces with Colormetry System to minimize damaging scale formation**
- **Allows for compensated adjustment of high and low fire scale thermocouple settings**

Delivering Actual Efficiency For Real Savings!

Save Costly Space!

- Miura Boiler saves approx. 48% in floor space compared to conventional firetubes
- Increase your boiler capacity without building a new boiler room
- Use the extra space for production
- Reduces real estate and building costs for new installations
- Retrofits are simple and costs are minimized



Standard Firetube/Watertube Technology

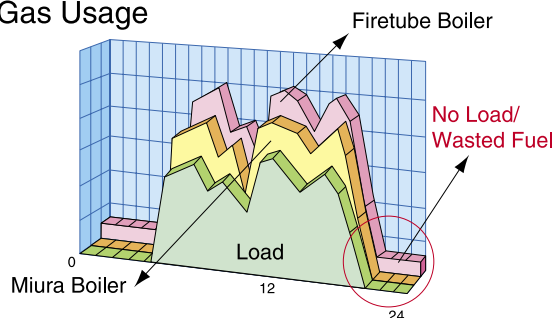


Miura's Revolutionary Technology

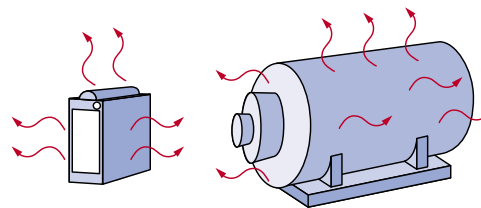
Super small size, high capacity boilers

- Save an average of 10-40% on fuel costs after switching to a Miura boiler
- Highest In-Service Efficiencies in the Marketplace Today
- Radiation loss from a boiler is constant, whether the boiler runs at 100% fire rate or 1% fire rate
- The Miura 200HP model (shown) has only about 25% the surface area of a conventional 200HP firetube. This translates into REAL savings in fuel cost.

Gas Usage



Radiation Loss



Miura Boiler (200HP) Firetube Boiler (200HP)



Visit our web page at 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.