



MIURA 



MORE HOSPITALS ARE DISCOVERING “THE MIURA ADVANTAGE”

“We had Miura boilers here for about three years. Our first two paid for themselves in about a year on fuel savings alone. These were Miura EX Series dual-fuel 200BHP units. The third unit is an LX Series gas fired 100BHP unit.”

Shannon Clifton,
Engineering Supervisor, Duke Raleigh Hospital

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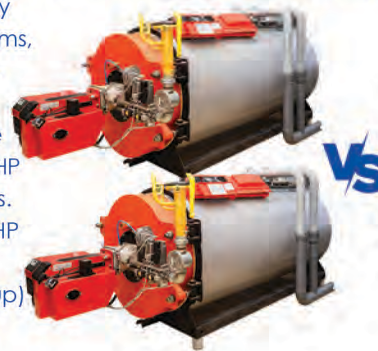
Hospitals Select Miura Boilers for Highest Efficiency, Natural Resource Conservation, Reduced

SEASONAL EFFICIENCY

Miura boilers maximize efficiency for the unique seasonal load requirements of hospitals, while providing the 100% back-up capability (N+1). Healthcare industries are often required to have redundant systems, such that if one fails, the other kicks in seamlessly. Modular or multiple boilers could be an ideal solution for this, and additional efficiencies may be delivered for heating and fluctuating steam loads and space saving capacity. For example, a typical competitor may spec two x 400BHP units for a mid-sized hospital. While Miura will spec three x 200BHP units. The competitor will run both units (800HP) while Miura will run two 200HP units (400HP) and have the 3rd 200HP unit on standby. Since Miura boilers produce steam in 5 minutes from a cold start, the third (back up) unit can remain cold until needed, thereby saving valuable fuel and money!

Additionally, Miura's Smart MI Controller (see next page) will automatically rotate the lead boiler to keep the same number of hours on all units, and it will automatically turn on a standby boiler as needed.

Two 400BHP
Firetube Boilers (800HP total)



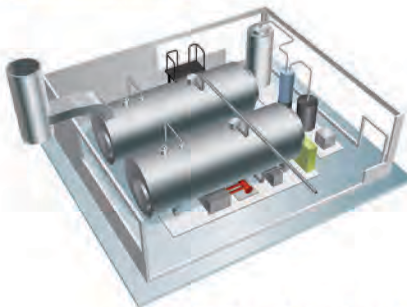
Three 200BHP
Watertube Boilers from
Miura (600HP total)



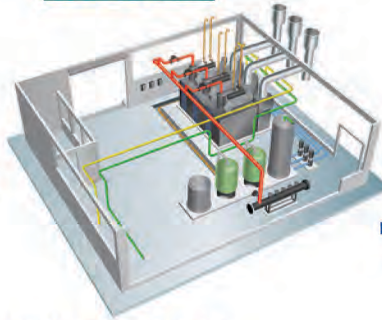
VS

Greater efficiency with Miura's modular, load matching technology means less installed HP needed for 100% redundancy (N+1)

PREVIOUS
BOILER SPACE



PROPOSED
BOILER SPACE



Save on new construction costs or re-capture valuable space with Miura's compact design.

SPACE SAVINGS

Hospital construction is among the most expensive of any commercial building. That's where Miura's unique, compact, modular steam boiler design offer a real advantage over a much larger traditional boiler. With Miura's smaller footprint, you can save up to 50% in floor space, this gives you design flexibility, reduced construction costs and more options with existing spaces. In today's economy, reducing capital expenditure is essential and Miura has the best, most efficient solution for your hospital.

"GREEN" BENEFITS

Hospitals everywhere are maximizing their investment in money-saving, environmentally sound products. Miura leads the way in steam boilers. Our innovative '5 minutes to steam' technology saves an average of 20% on fuel costs. Plus, in multiple installations (required for redundancy), it allows users to literally turn off excess capacity for maximum seasonal efficiency and varying load demands. Miura boilers also feature low NOx, and reduced CO2 emissions.



Water to steam
in 5 minutes



Save Money,
conserve natural resources



Low NOx
output technology

Efficiency in All Seasons, Fuel Cost Savings, Reduced Construction Spending, and more...

LX SERIES

- Gas fired: Natural Gas or Propane
- High and Low pressure steam options available (300 MAWP, 250 MAWP, 170 MAWP or 15 MAWP)
- Compact, an LX 200 can fit through a standard doorway.
- Naturally low NOx (nitrogen oxides) rating as low as 9 ppm depending on model

Miura Gas Fired Low NOx LX Series High and Low Pressure Steam Boiler

EX SERIES

- Dual fuel fired: Natural Gas, Propane or #2 Fuel Oil
- High Pressure options available (300 MAWP, 250 MAWP or 170 MAWP)
- NOx rating is available as low as 30ppm depending on model

Miura Gas/Oil Fired EX Series High Pressure Steam Boiler

BL MICRO CONTROLLER

The BL Micro Controller Boiler Control System measures and controls the performance of your boiler in an easy-to-read, user-friendly format:

- Steam Pressure
- Flue Gas Temperature
- Feed Water Temperature
- Scale Monitor Temperature *
- Overheat Monitor Temperature
- Flame Current
- Remaining Time to Blowdown
- Automatic Surface Blowdown Valve (On/Off)
- Water Conductivity
- II-Point Boiler Management Data
- Greater control over steam pressure settings for steadier steam pressure
- Allows for adjustments of high and low fire scale thermocouple settings
- Allows for adjustment of automatic blowdown based upon Total Dissolved Solids (TDS) and/or blowdown rates.
- Easily interface with the Miura "Colometry" unit to minimize scale formation due to water softener failure.

Green (Normal)



The BL Micro Controller Boiler Control System



Yellow (Warning)



Red (Emergency)

* Unique advantage of Miura Boilers

SUPPORT PRODUCTS

BP Panel



MIURA's BP-201 is the core of the boiler room and is both a central monitor for all MIURA equipment and a multiple installation (MI) system controller allowing connected boilers to operate as a coordinated unit to meet fluctuating steam demand while optimizing efficiency, response time, and boiler longevity.

Ancillary Equipments



Colometry Water Hardness System



Water Softener



Water Treatment Chemicals

WHY CHOOSE MIURA FOR YOUR HOSPITAL FACILITY?

As the world leader in ultra-low NOx modular on-demand steam solutions, Miura modular boilers are reliable, safe, and highly adaptive to the fluctuating steam demands of hospitals and other medical facilities. Many hospitals around the globe choose our EX-Series Dual Fuel Steam Boiler that quickly and easily switches between #2 oil and natural gas/propane when needed. This satisfies the NFPA-110 Standard for Emergency and Standby Power Systems and Ontario Government Emergency Fuel Distribution Protocol which require critical facilities such as hospitals a minimum of 96 hours fuel-supply backup . Capable of efficiently supplying steam under fluctuating load demands, Miura industrial boilers offer space-savings incentives that transform and improve the layout and functionality of your new or existing boiler room and will keep your steam going in the event of an occurring boiler issue.



**MIURA HAS THE HIGHEST IN-SERVICE EFFICIENCY IN THE INDUSTRY,
SCHEDULE YOUR IN-SERVICE EFFICIENCY STUDY TODAY!**

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