

BP-CONTROL PANEL

Primary Controller for the MI System

BRAIN OF THE BOILER ROOM:

The BP Panel allows connected boilers to operate as a coordinated unit to meet fluctuating steam demands while optimizing efficiency, response time, and boiler longevity.



STANDARD FEATURES

- Multiple Installation (MI) System Control
- Central Monitoring
- Control Patterns
- Rapid Response Settings
- Boiler Rotation
- Inputs and Outputs

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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 demands while optimizing efficiency, response time, and boiler longevity.

BP PANEL

CENTRAL MONITORING

Monitor the status of all your connected Miura devices including boilers, feedwater systems, and water treatment equipment and have peace of mind knowing the key values, such as system steam pressure, tank levels, and flow rates that can be accessed from the touch screen monitor display. You can see the operational status from across the room with the BP Status light indicator that shows if the system is OK, or if there are cautions and alarms.

EJ-210 TERMINAL

The EJ-210 Terminal enables the BP Panel to control and monitor each boiler in your steam room, giving boiler operators real-time data on individual units while also allowing them to monitor the overall system.



The Terminal essentially acts as a middle man between individual boilers and the central control hub – useful for setups with multiple modular boilers. In this configuration, each boiler's BL Controller is connected to the BP Panel overseeing the entire system via its EJ-210 Terminal, enabling each unit to communicate data and information directly to the main BP Panel.

BP STATUS LIGHT INDICATOR

GREEN

The green status light indicates that the system is OK.



YELLOW

The yellow status light indicates a caution with the system.



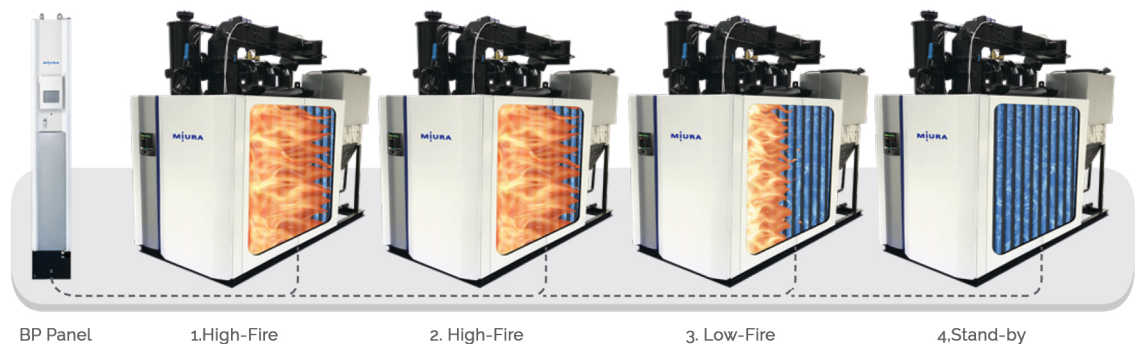
RED

The red status light indicates an alarm with the system.



BP FLEXIBLE CONTROL SEQUENCE

Intelligently controls all connected MIURA boilers to coordinate operation and to meet the required steam load while optimizing efficiency, response time, system reliability, and boiler longevity. The BP-201 brings boilers on-and-off as needed, keeps the right number of boilers online to meet load spikes, and accurately maintains steady pressure in the main steam header.



CONTROL PATTERNS

Customizable system settings that control pressures, boiler sequencing, maximum steam output, optional alarms, and response time. Patterns can be switched manually, set to a weekly schedule, or changed remotely from external inputs, or reduction of its size by over fifty percent.

INPUTS AND OUTPUTS

Optional control, safety, and alarm inputs/outputs can be configured to expand the capabilities of the BP-201. Basic dry contact outputs are also available to provide equipment status information and approximate MI system output.

