

SERIES 400

- ✓ Three-pass wet back design eliminates refractory baffles between flue gas passes.
- ✓ Minimum maintenance with rugged construction for extra-long life.
- ✓ U.L. listed boiler/burner package for firing gas, oil and combination gas/oil.
- ✓ Factory tested and checked for optimum operating efficiency.

STANDARD FEATURES

Durability - Built in accordance with the ASME Code, the wet back design has proven to give much longer useful life cycles than dry back boilers.

Quality - Each unit is tested and inspected by Hartford and is registered with the National Board of Boiler and Pressure Vessel Inspectors.

Design - Hurst Boiler utilizes state of the art computer design techniques in every boiler. This accounts for accurate calculations of construction materials and optimum utilization of the boiler's performance criteria.

Efficiency - The Series 400 is designed for optimum fuel efficiency and has proven in certified tests to meet and often exceed the efficiencies of 4-pass boilers.

Low Maintenance - There are no refractory baffles to replace or maintain. Elimination of these will result in thousands of dollars in savings.

Tube Sheets - The wet back has independent tube sheets with uniform temperatures. Three and four pass dry back boilers have tube sheets with large temperature variations and this results in premature tube failure and cracks in the tube sheets.

Easy Access - Since there is no large refractory rear door, one man can easily remove the rear cover plates for access to the tubes. Front doors can be opened without removing burner components or controls.

Compact - With computer aided design, Hurst has made the wet back a space saving workhorse without sacrificing the principle of 5 sq. ft. of heating surface per BHP.

Combustion - Hurst uses name brand burner components with proven reliability. Every unit is boiler/burner compatible and tested at the factory prior to shipment.

Standard Steam Trim

- Operating & limit pressure control
- Modulating pressure control (when appl.)
- Water column with gauge glass combination low water cut-off & pump control
- Probe type auxiliary low water cut-off with manual reset
- Water column drain valve
- Safety relief valve(s) per ASME Code
- Steam Gauge
- Stack Thermometer

Standard Water Trim

- Operating & limit temperature control
- Modulating temperature control (when appl.)
- Low water cut-off control with manual reset
- Combination pressure, temperature gauge
- Hot water return baffle for shock resistance
- Safety relief valve(s) per ASME Code
- Stack thermometer

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