

# THERMOCOIL COIL TUBE HOT WATER BOILER



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## SAFETY

- Thermogenics coil tube boilers can be used for unattended operation in specific jurisdiction.

## CAPACITY

- Hot Water applications from 2.51 mmBTU/hr to 20.08 mmBTU/hr (up to 750°F).

## FUEL EFFICIENCY

- Up to 84% efficiency.
- Double walled boiler shell preheats combustion air and cools outer casing, thereby minimizing radiation losses.

## PRESSURE SPECIFICATIONS

- Standard up to 250 psig (higher on request).

## CODE

- ASME, NATIONAL BOARD or as specified. Complies with local code requirements as applicable.
- ASME BPVC SECTION I, CSA B51.

## FUELS

- Natural Gas
- Number 2 Oil
- Propane
- Combination of any of the above

## COMPACT SIZE

- Compact size and low weight for reduced installation and engineering cost.

## ENVIRONMENTAL COMPLIANCE

- Compliance with current noise and NOx emissions regulations.



## DESIGN AND OPERATIONAL

- Full output in minutes from cold start.
- Redesigned low NOx burner with increased efficiency.
- PLC based panel complete with flame safeguard with linkageless control.
- Fully compatible with PLC based lead / lag control.
- Coil temperature system with individual temperature readouts and set points.

## STANDARD EQUIPMENT FEATURES

- Fully modulating burner with upto 10:1 turndown on Natural Gas, Number 2 Oil and Propane.
- NEMA 4 enclosures.

## OPTIONAL EQUIPMENT

- Pumping options available
- Expansion tanks
- Automatic Bypass Valves