

THERMOCOIL COIL TUBE STEAM BOILER



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SAFETY

- Forced circulation, low water volume eliminates the potential of a steam side catastrophic failure.
- Thermogenics coil tube generators can be used for unattended operation in specific jurisdictions.

CAPACITY

- Low and high pressure steam applications from 75 to 600 BHP.

FUEL EFFICIENCY

- Up to 86% efficiency with economizers.
- Double walled boiler shell preheats combustion air and cools outer casing, thereby minimizing radiation losses.

PRESSURE SPECIFICATIONS

- Standard 15 psig to 350 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.
- Air cooled circulating pump, eliminates wasted cooling water.
- 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.
- Automatic bottom and surface blowdown standard.
- Steam separation drum provides 99% plus dry saturated steam.
- NEMA 4 enclosures.