

Standard equipment

Boiler

- ASME Section 1, stamped for 150 PSIG
- National Board registered
- Pressure gauge 0-200 PSIG
- Quick opening blow-down valve on each water tube assembly and one "Y" type blow-down valve unmounted
- Water column and gauge glass with protector
- Double-acting type barometric damper
- External piping mounted
- UL Listing on all models
- ASME relief valve set at 125 PSIG

Burner

- Atmospheric type for use with natural gas

Controls

- CSD-1 Code compliant (includes second low-water cut off, second operating pressure control/manual reset, dual solenoid gas valve, second manual gas shut off)
- Centralized control panel with on-off switch, power, pilot, main gas and alarm indicator lights
- 24-volt control circuit
- Electronic safety pilot control with remote flame sensing
- Probe-type combination low water cut-off and pump control with blow-down valve

Optional equipment & accessories

Insta-Therm Integrated Return System includes:

- Return tank built into boiler
- Pump:
 - Turbine type, factory mounted, plumbed and wired 120 volts, 60 hertz, 1 phase
 - Pump strainer with clean-out valve
- Stainless steel cold water make-up tank with float and valve

External return system

- Vertical 11-gauge, 33-gallon system with pump

High-pressure package

- Relief valve settings up to 150 PSIG

Burner

- Atmospheric type for use with propane or butane

Controls

- Honeywell 7800 series combustion safety system with electronic flame rectification
- Day/night switch
- Low- and/or high-water alarm
- High and low gas pressure switches
- Auxiliary solenoid gas valve
- Gas pressure regulator for inlet pressures above 8" WC

For more information, visit
www.ThermoSteam.com
or call 800-548-9643.



ThermoSteam[®]
Systems, Inc

604 North Hill Street • South Bend, IN 46617
Ph: 574-236-6222 • Fax: 574-289-5932

The best value in dry cleaning steam

Modular steam boiler systems



ThermoSteam[®]
Systems, Inc

Save with ThermoSteam's® modular system



Standard unit

The unique, modular design of ThermoSteam boilers saves you money. You get exactly what you need for your dry cleaning or laundry business. Our new modular units allow you to keep your existing return tank and pump instead of buying a new one. Or you can purchase our efficient Insta-Therm integrated return system.

Boiler with optional Insta-Therm™ return

ThermoSteam offers a unique, optional condensate return system. The Insta-Therm return tank is built right inside the boiler, reclaiming more heat and reducing energy costs.

With Insta-Therm, your boiler system arrives complete and ready to install. No extra parts to buy, saving you time and money.



Boiler with optional external return

If you choose our optional external condensate return system, you can always upgrade to the Insta-Therm system in the future, saving you floor space and improving efficiency.

Single tube models are available in 9.5, 10, 15, 20 and 30 horsepower.

Helical water tube



Our boilers' unique, unitized water-tube assembly allows for maximum steam generating speed and recovery. If it needs replacing, it takes just four to six hours with no special tools.

ASME blow-down tanks



ThermoSteam blow-down tanks feature a unique design that separates flash steam for venting while diluting the hot condensate before it enters the drain.

Three sizes are available:

14" x 48", 18" x 36",
18" x 48".

Why ThermoSteam?

Efficiency

Our Insta-Therm™ design provides efficient pre-heating to speed steam generation with no hot spots. You get a full head of steam in less than 15 minutes from a cold start. The unitized helical water tube assembly delivers maximum speed and recovery.

Reliability

We build our boilers to strict ASME power code specifications and they are registered with the National Board of Boiler and Pressure Vessel Inspectors. The stainless steel cold water make-up tank that comes with our Insta-Therm system delivers long, trouble-free service. And our simple, proven design gives you reliable service year after year.

Reduced floorspace

Our vertical, compact design gives ThermoSteam boilers a small footprint so they take up less floor space, a big savings with today's high rental costs. And they fit through a standard-sized door.

Easy installation

With our Insta-Therm integrated return option, your boiler arrives pre-piped and wired, ready for final hook-up.

Fuel savings

Our electronic ignition systems with high-efficiency burners deliver measurable fuel savings.

Experience

ThermoSteam has more than 50 years experience building high-pressure steam boilers for the dry cleaning and laundry industry.

Superior warranty

Only ThermoSteam offers a 5/10/15 year limited warranty covering the tube assembly, steam drum and shell plus a 20-year warranty against thermal shock.* So you can focus on your dry cleaning or laundry business instead of worrying about breakdowns.

Get the best value in high-pressure steam boilers with ThermoSteam.

*Requires optional Insta-Therm system

More boilers to fit your application



Low NOx LN Series

Our low-emission boilers are certified to meet the most stringent air quality standards as required by Southern California* and Texas.

The burner system in these boilers produces nitrogen oxide and carbon monoxide levels less than 20 ppm.

*Meets rule 1146.2 SCAQMD.



Double- & triple-tube boilers

All the advantages of our Insta-Therm system, plus they come with an external steam reservoir for even more reserve steam capacity. Larger steam drums are available.

Plus, each water tube assembly has its own burner and controls, so you can automatically step-fire as your load demands.

Multiple-tube models are available in 25, 40, 60 and 90 horsepower.



20 & 30 hp boilers

A larger steam drum in a single-tube design handles surge loads better than other vertical boilers. Larger steam drums are available for increased capacity.