

SERIES 2000 COMBINATION BOILERS

Design: The Series 2000 is manufactured to exceed ASME Section IV standards and typically is used to provide water temperatures of 180°F.

These vessels feature 70 vertical firetubes, each of which is 2" diameter, 12 gauge steel and fitted with a high-efficiency turbulator for maximum heat transfer. The combustion chamber is fully water-backed, with burners that are UL listed.

Safety: A well-made, rugged vessel is naturally a safer. TRIAD Combination Boilers also have a firebox design that is completely backed by water, along with safety controls that results in a very safe and secure package.

Standard Features: The following standard features include nationally known parts and controls that are quickly available at most supply houses, allowing for easy quick and easy repair and maintenance, which can dramatically reduce down time:

- Burner and Boiler are a UL listed package.
- UL Listed Gas Trains and Control Systems.
- Choice of Power Burners.
- Main and Auxiliary Gas Valves
- Air Flow Switch
- Flame Safeguard
- Manual Main, Leak Test, and Pilot Gas Shutoff Valves
- Bell and Gossett Circulating Pumps
- Honeywell Aquastat Relay
- Automatic Low Water Cutoff
- Honeywell Second High-Limit With Manual Reset.
- Burner Control Relay.
- High Visibility Operating Light.
- Pressure/Temperature Gauge
- Pressure Relief Valve
- 2" Diameter Firetubes of SA178-A Steel
- Turbulators for Maximum Heat Transfer
- Rail Legs
- Lifting Lugs
- 2 Inches of Insulation With a Painted Steel Jacket.

Boiler Efficiencies:

Model	Input (BTU/Hr)	Gross OutPut	Efficiency	
2000	1,800,000	1,494,000	83.0%	
2000	1,900,000	1,577,000	83.0%	
2000	2,000,000	1,660,000	83.0%	
2000	2,100,000	1,743,000	83.0%	

Options: TRIAD offers many options:

- Choice of burner manufacturers fired by natural gas, oil, propane, or combination fuel.
- Spark Ignition System for Combination Fuel Burners
- Low-High-Low and Modulating gas trains
- CSD-1, IRI, FM
- Low-High-Low and Modulating Gas Trains with Motorized Valves
- Fan-Damper relays
- Louver Box for Sealed Combustion Side-Wall Venting
- Barometric Dampers and Galvanized Tees
- Extra Clean-out Openings and Plugs
- Microprocessor Control Panel
- Factory built Primary Mains and Headers
- Immersion Aquastats
- Various Relief Valve sizes for different applications