



Built for Power and Performance

and our customers agree.

SEAVIEW RESORT: GALLOWAY, NJ

1st BAPTIST CHURCH: PROVIDENCE, RI

CATERPILLAR: DECATUR, IL



Steam Boilers - High and Low Pressure

TRIAD Boilers Generate High BTU's with a Minimum Footprint



HIGH PRESSURE
For Industrial Applications

LOW PRESSURE
For Comfort Heating



LOWER FUEL COSTS

TRIAD boiler systems are designed to dramatically reduce cycling hours, saving money on fuel costs and wear and tear on the vessels.

HIGH SYSTEM EFFICIENCY

When sequenced with a control panel, a highly efficient "system" is created that assures the fewest number of boilers will fire for the minimum required time. Delivering too much heat is eliminated forever! Say goodbye to the days of oversized systems!

SIMPLE MAINTENANCE

Steel firetube boilers usually have lower maintenance costs than water tube or cast iron boilers. TRIAD boiler design takes this a step further, with easy access to the firetubes for cleaning, replacement or re-rolling. Controls and components are all well-known and commonly available!

A Sequenced Modular Design Offering Maximum Flexibility

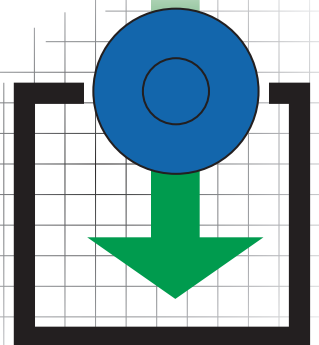


Create A System For Your Unique Needs!

The Triad design makes it easy to design for the precise amount of heat required. Modularity means you will never have a boiler that's too large. Burners are available in gas, propane, oil, or dual-fuel. For difficult boiler rooms, use direct connect air intake through the sidewall!

Skidded systems available.

All boilers fit through virtually any doorway!

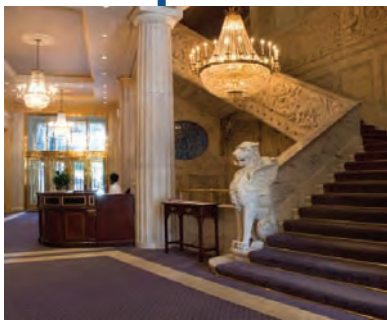


The TRIAD Advantage

- Extremely rugged design
- Pressures up to 150 psi
- 7 to 50 BHP
- Very small footprint for tight-fit applications
- Well-known burners from Powerflame and Riello
- Low-High-Low and modulating and dual fuel available
- Controls & components from ITT/McDonnell Miller and Honeywell
- Longer lasting firetube design that heats very quickly
- Water-backed combustion chamber for very quick heat transfer
- Honeywell series 7800 controls
- ASME code stamped for Section I and IV
- UL Listed boiler/burner package
- CSD-1 approved
- LOW-NOx pre-certified



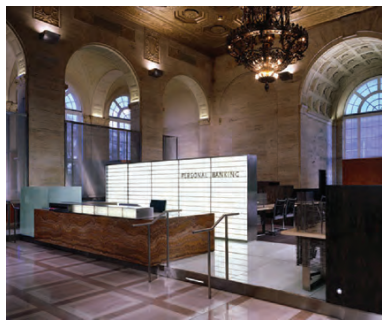
Visit www.superiorboiler.com
to review more Case Studies



CANDLER BUILDING, ATLANTA, GA



BUFFALO GARDENS; BUFFALO, NY



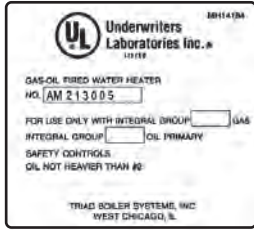
HISTORIC HYDE PARK BANK; CHICAGO, IL



AUDI / VW DEALERSHIP; NEW YORK, NY



All TRIAD Systems Deliver Security

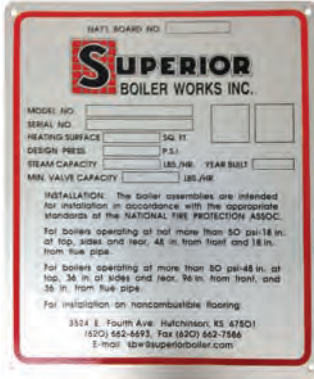


Industry Certifications

UL Listed and approved boiler/burner packages (Consult Factory)

UL and CSA approved controls.

Burners available with CSD-1, Factory Mutual (FM)



Safety Features

Safety Controls monitoring vessel pressure, water level, and temperature.

Construction exceeds ASME requirements.

Combustion chamber entirely surrounded by water.

TRIAD Steam Boiler Models	Series 300	Series 600	Series 900	Series 1600	Series 2000
Boiler Horsepower	9.5	16.7	23.9	40.5	50
Max Working Pressure	15 psi	150 psi	150 psi	150 psi	150 psi
Steam Output (lbs per hour)	328	576	825	1397	1725
Firing Rate Input (1000 BTU/HR)	399	700	1000	1700	2100*
Boiler Diameter (width)	23.875"	30.5"	30.5"	34.125"	40.25"
Boiler Height to Jacket Top	56.5"	68.5"	68.5"	77.25"	77.25"
Vent Outlet Diameter	3.0"	8.0"	8.0"	8.0"	10.0"
Steam Supply Outlet	2.5"	Varies	Varies	Varies	Varies
Steam Supply Height	46.5"	57.5"	57.5"	65.0"	68.125"
3" Base Rail Length	30.0"	38.0"	38.0"	46.0"	56"
Length with rails (w/standard burner)	N/A	53.5"	62.0"	73.0"	75.0"
Length from jacket (w/standard burner)	42.0"	49.5"	66.0"	67.0"	70.0"
Water Volume	31.5 gal	69.5 gal	69.5 gal	116.1 gal	186.1 gal
Approx. Shipping Weight	1100 lbs	1700 lbs	1700 lbs	2300 lbs	2700 lbs
Blowdown Outlet Diameter	1.25"	1"	1"	1"	1"
Feedwater Inlet Diameter	2"	1"	1"	1"	1"

*Riello RS(L) only



Superior Boiler Works, Inc.

3524 E 4th Avenue • Hutchinson, KS 67501

Phone: 620.662.6693 • Fax: 620.662.7586

www.superiorboiler.com