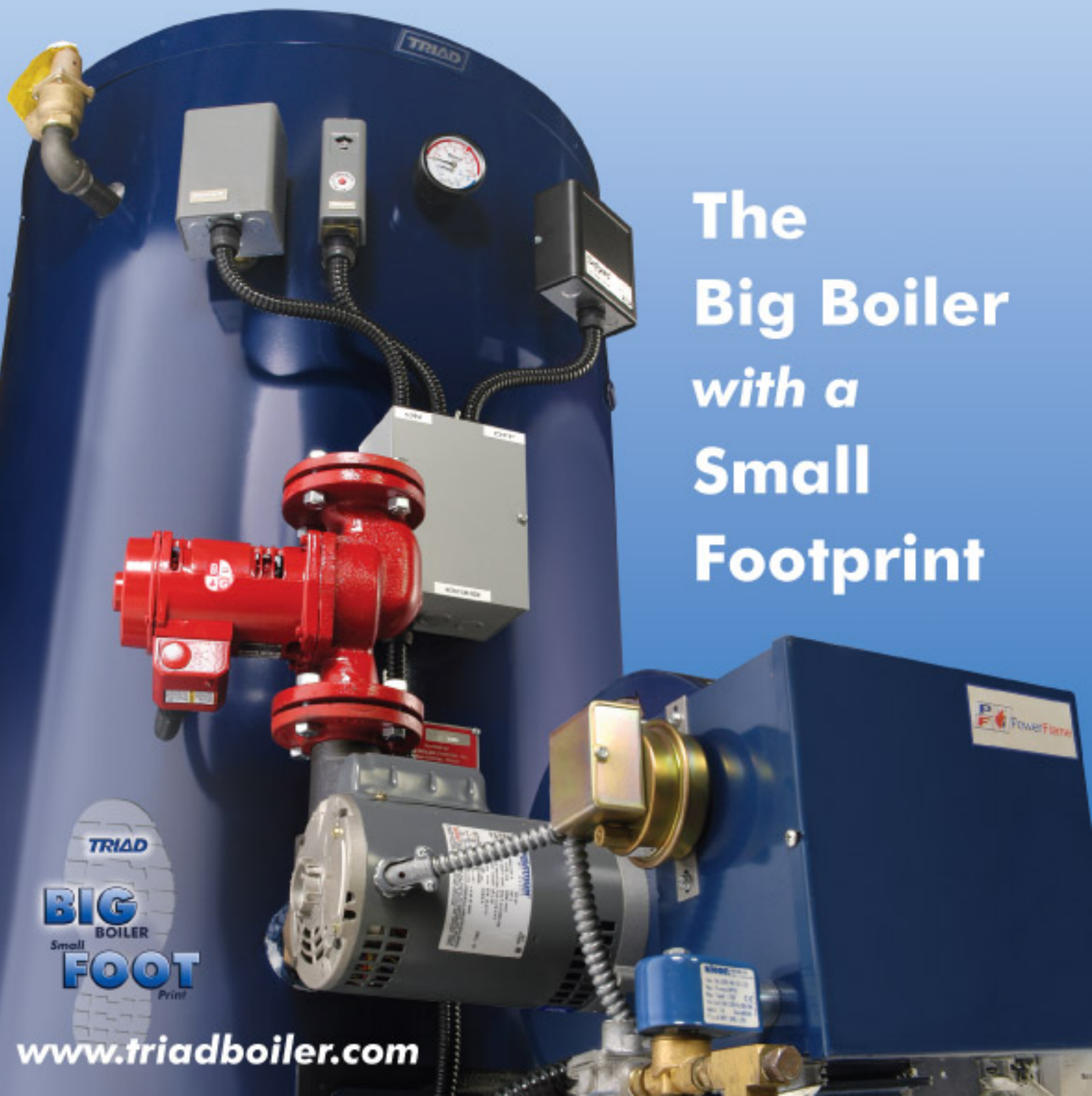




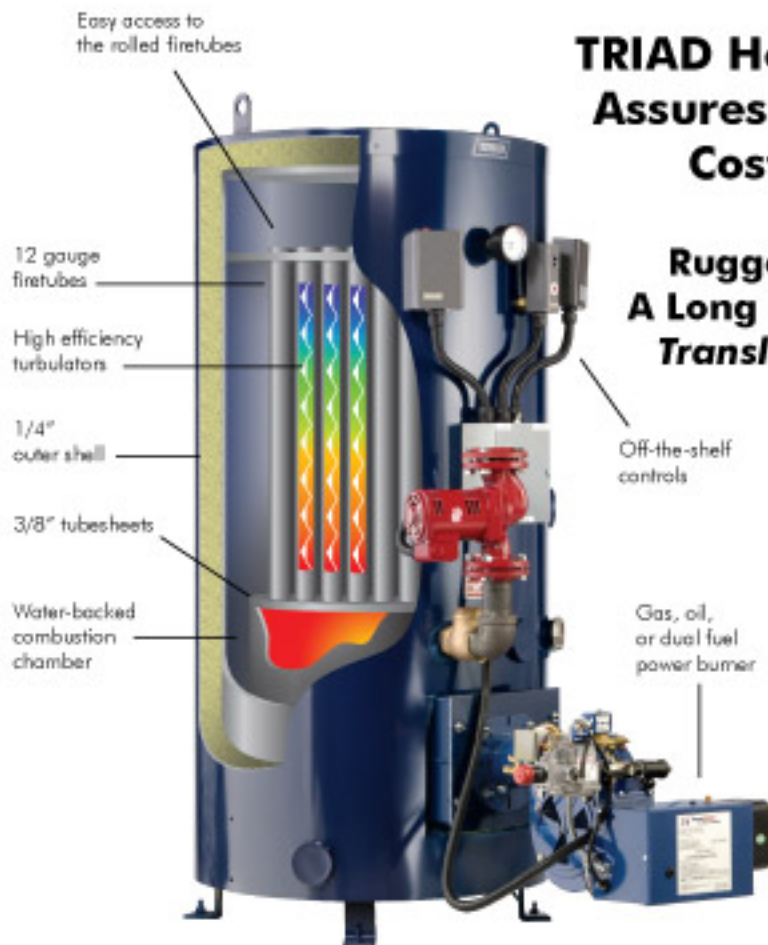
BOILER SYSTEMS

**The
Big Boiler
with a
Small
Footprint**



TRIAD
BIG
BOILER
Small
FOOT
Print

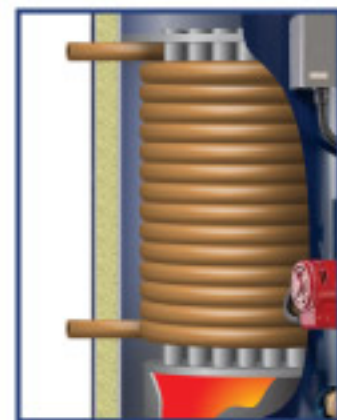
www.triadboiler.com



TRIAD Heavy Duty Construction Assures The Lowest Life-Cycle Costs In The Industry.

Rugged Construction Means A Long Life Of 30+ Years, Which Translates Into Money Saved.

OPTIONAL DOMESTIC HOT WATER COIL:



An unusually large 97 ft. (29.6 m) copper coil delivers the heat you need. The coil can last in excess of 25 years because it is **INDIRECTLY** heated by the boiler water, not by a direct flame. Fouling by hard water deposits is virtually eliminated!

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. TRIAD's pay for themselves!

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!

HIGH AVAILABILITY

An elegantly simple design means less complexity and fewer parts to fail. Modularity provides redundancy, so the demand for heat is always satisfied.

SIMPLE MAINTENANCE

Steel firetube boilers usually have lower maintenance costs than water tube or cast iron boilers. TRIAD's 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!

SHORT TERM OR LONG TERM...



Control Your Environment!

Proper sequencing provides for a high level of control, which means steady comfort, high performance and fuel savings.

Create A System For Your Unique Needs!

TRIAD 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!

Minimize Thermal Shock!

Return water is carefully monitored inside TRIAD's Primary-Secondary piping which helps prevent cold water from entering a hot boiler. Mixing valves are unnecessary! Rugged steel design handles a wide range of temperatures.

PICK YOUR APPLICATION!

Space Heating

TRIAD boilers will control your ambient air to maximize comfort while minimizing energy costs. TRIAD's 125 psi (8.6 bar) vessels can handle everything from small commercial to large high-rise office buildings!

Domestic Hot Water

TRIAD's large coil with fast flows virtually eliminates scale while yielding hot water for showers, saunas, kitchens, and food processing!

Low Temperature

This model is perfect for in-floor radiant heat, snow melt, process water and supplemental heat pump applications because it can produce the required temperature output while handling very cold return water.

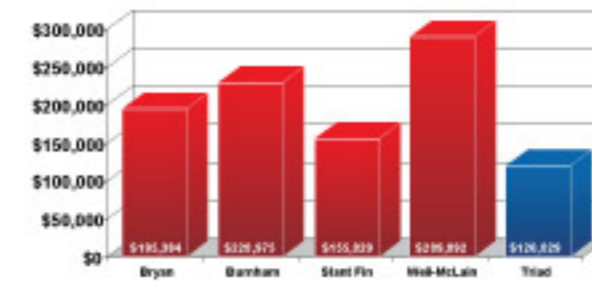
Combination Boilers

These boilers provide Space Heating plus Domestic Hot Water or Low Temperatures from one vessel. Save space and money by using fewer vessels, less piping, and less installation time. A great solution for those difficult applications!



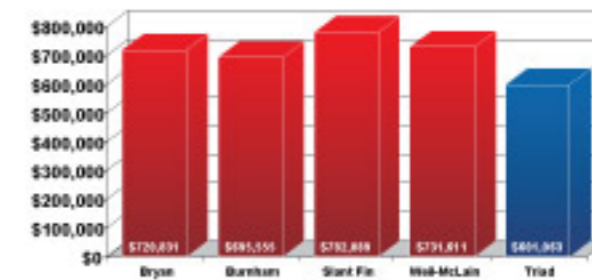
An independent study compared the life-cycle costs of five leading boiler brands in 3 Mid-Atlantic schools.

Site 1: Grammar School



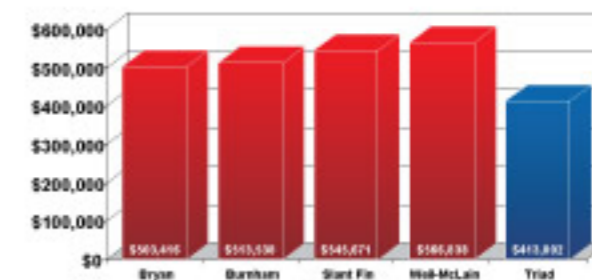
TRIAD's life-cycle costs were as much as [58% lower](#)

Site 2: Middle School



TRIAD's life-cycle costs were as much as [23% lower](#)

Site 3: High School



TRIAD's life-cycle costs were as much as [27% lower](#)

...TRIAD MODULAR SYSTEMS SIMPLY WORK BEST.



A SEQUENCED MODULAR DESIGN OFFERING MAXIMUM FLEXIBILITY.



Only The Minimum Of Boilers Is Ever In Use

Customize your panel to determine set-back periods and the speed with which each boiler is brought on line. Never have a boiler running when it is not needed! Each boiler is isolated, so heat is only delivered to the building and not to cold, unfired boilers.

Rugged Steel Construction With Quick Heat Transfer

TRIAD's compact design transfers heat efficiently, easily handling rapid changes in temperature. TRIAD boilers are the most rugged in the industry, with 3/8" tube sheets and 12 gauge firetubes!

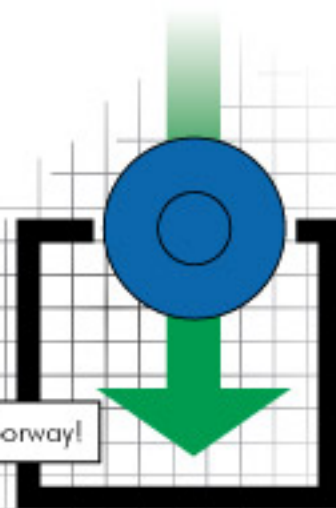
Improve System Efficiency with a TRIAD Control Panel

The outside and return-water temperatures are monitored to ensure only the minimum number of boilers are providing heat. Short-cycling is avoided, which improves system efficiency and extends equipment life.

Systems Are Packaged For Easy Installation

Mounted controls and burners are wired with a single-point power connection. TRIAD's proprietary headers and secondary piping are perfectly sized for easy installation. Skid mounted preassembled systems are available for even lower installed costs!

All boilers fit through virtually any doorway!



MODULAR STEAM SYSTEMS



Same Modularity And Rugged Construction As Our Hydronic Boilers!

All burners and controls are mounted and wired, ready for easy installation. TRIAD Boilers fit through virtually any doorway for quick startup.

The TRIAD Design Generates Very Dry Steam!

This means more heat per pound of steam, quicker heat recovery, and less water in your system. Our installation method results in vessels that are truly isolated, providing continuous steam pressure in a small footprint.



TRIAD's control panel delivers the temperature you want when you want it. System activation, boiler staging, setbacks with fast recovery, and system diagnostics are all monitored and controlled based on your specifications!

ALL TRIAD SYSTEMS DELIVER SECURITY.

SUPERIOR WARRANTIES:

Hydronic Boilers: 10 years against failure of vessel shell.

20 years against leaks from thermal shock.

Steam Boilers: 2 years.

INDUSTRY CERTIFICATIONS:

UL Listed and approved boiler/burner packages.

UL approved for non-pressurized stack, which saves money.

UL and CSA approved controls.

Burners available with CSD-1, Factory Mutual (FM) and Industrial Risk Insurers (IRI).

SAFETY FEATURES:

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

Construction exceeds ASME requirements.

Combustion chamber entirely surrounded by water.



TRIAD BOILER SYSTEMS, INC.

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