

High efficiency condensing boilers
and indirect fired water heaters



 TriangleTube

EFFICIENT RELIABLE COMFORT

Efficient and reliable comfort. This is what you expect from your heating and hot water system. This is the foundation of our philosophy. The engineers at Triangle Tube use the latest technology to maximize the efficiency of our products so that you can minimize your utility bills. By designing products that are durable and easy to maintain, you save money on your maintenance costs as well. And because you don't want to be left in the cold, our products are designed to be reliable. So reliable in fact that our Smart indirect fired water heaters come with a lifetime warranty.*

Triangle Tube, and our parent company, ACV, have produced high quality stainless steel boilers and water heaters for more than 80 years. This gives us a strong history to build on, yet we continue to look to the future, and continue to improve our products to meet your changing needs. Our 500,000 square feet of manufacturing space contains the latest in laser welding and computer controlled equipment, operated by experienced craftsmen with decades of experience.

“Even though we were skeptical about the savings, Triangle Tube delivered! My heating bills are down 45%.”



-Cliff R. – Indiana



Triangle Tube's Prestige boilers work efficiently with all radiant heating systems, including the latest radiant flooring systems.

The Triangle Tube Team

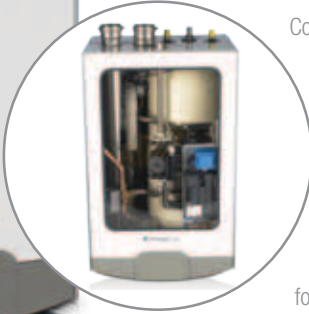
Performance. Ingenuity. Efficiency. Qualities that not only describe Triangle Tube's complete line of home heating products, but also the engineers and technicians responsible for creating them at our state-of-the-art facility. Whether it's inventing breakthrough technologies or offering unparalleled customer service, this experienced team is one of the most renowned in the industry.



Prestige High Efficiency Condensing Boilers

Prestige Solo Condensing Boilers

Combining performance and durability, Triangle Tube's Prestige Solo Condensing Boilers are among the most efficient and environmentally friendly heating systems available today. The performance advantage of Triangle Tube boilers rests in their unique heat exchanger, burners, and controls.



Prestige Excellence Combination Boiler

The Prestige Excellence is a combination boiler which meets both your heat and hot water needs within the boiler. The Prestige Excellence contains a 14 gallon storage tank for immediate hot water response. This tank continues to supply hot water as long as needed due to its high heat transfer rate.

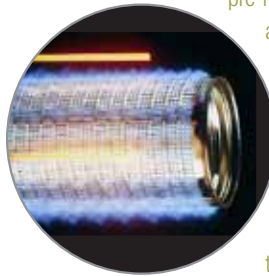


Heat Exchanger

Triangle Tube's Prestige boilers feature a unique, self-cleaning, fire tube heat exchanger constructed from stainless steel that is built to stand up to corrosion and provide 95% efficiency. The high water content of the heat exchanger provides for stable temperature control and a low pressure drop.

Low NOx Stainless Steel Premix Burner Assembly

The Prestige's high grade stainless steel burner uses pre-mixed air and gas providing a 25% to 100% modulating firing rate. The burner provides a long life, quiet operation, reliable spark ignition, and clean combustion. The Prestige is certified to meet California's requirements for the lowest emissions available today.



Control Module

The Prestige control module, a microprocessor based electronic control, automatically adjusts the blower fan speed and gas flow rate, modulating the firing rate to closely match the boiler's output to the space heating and domestic hot water demand.



The control responds to signals from the room thermostat, domestic hot water aquastat, supply and return water temperature sensors, flue temperature, and outdoor temperature sensors.



"The Smart tank is the perfect complement to the Prestige. Plentiful hot water has eliminated morning arguments."

-Joseph B. – Pennsylvania

Smart Indirect Fired Water Heaters

Efficient Tank-in-Tank Design

Triangle Tube's Smart indirect fired water heaters are designed to maximize efficiency and reliability. The exclusive tank-in-tank design of the Smart water heaters rapidly heats the incoming water, producing hot water quickly and reliably using heat already produced by your high efficiency boiler. With 2 inches of insulation completely surrounding the tank, heat loss is minimized to less than 1/2 °F per hour.

The stainless steel inner tank expands and contracts to virtually eliminate scale build-up which causes other water heaters to lose performance over time. With a lifetime guarantee*, the Smart water heater will be the last water heater you ever buy.

*Smart Indirect fired water heaters feature a limited lifetime residential warranty.



Providing comfort, Protecting the Environment

Prestige Boilers provide exceptional efficiency and low emissions.

95%

AFUE Efficiency of
the Prestige boiler.

2012

Prestige Boilers currently meet
stringent California 2012 NOx
emissions requirements.

5¢

Daily standby heat cost for
a Smart 40 water heater.

*Based on NG @ \$1.25/therm

4x

Faster hot water from a Smart
water heater vs an electric model
(and 2x faster than a standard
gas model).



“The Prestige Boiler is whisper quiet. We never
hear it running, even though it’s in the next room.”

-John M. – Ontario

A complete line of stainless steel heat exchangers are available from Triangle Tube. From pool and spa heating to snow melting, Triangle Tube has the solution for your heating needs.

THE TRIANGLE TUBE DIFFERENCE

It's true. Other companies manufacture quality heat and hot and water systems. What sets Triangle Tube apart from our competition is the innovative spirit in which we provide it all. We see the bigger picture. Our focus isn't just on providing individual comfort, but also on global responsibility. By striving to live in harmony with the world around us. By searching for new ways to reduce short-term expenditures and enhance long-term savings. By standing behind everything we do.

We stand behind our products with the best warranties in the industry. Triangle Tube's SMART indirect fired water heaters come with a limited lifetime guarantee. Our Prestige Boilers come with a best-in-class 10-year warranty.



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