

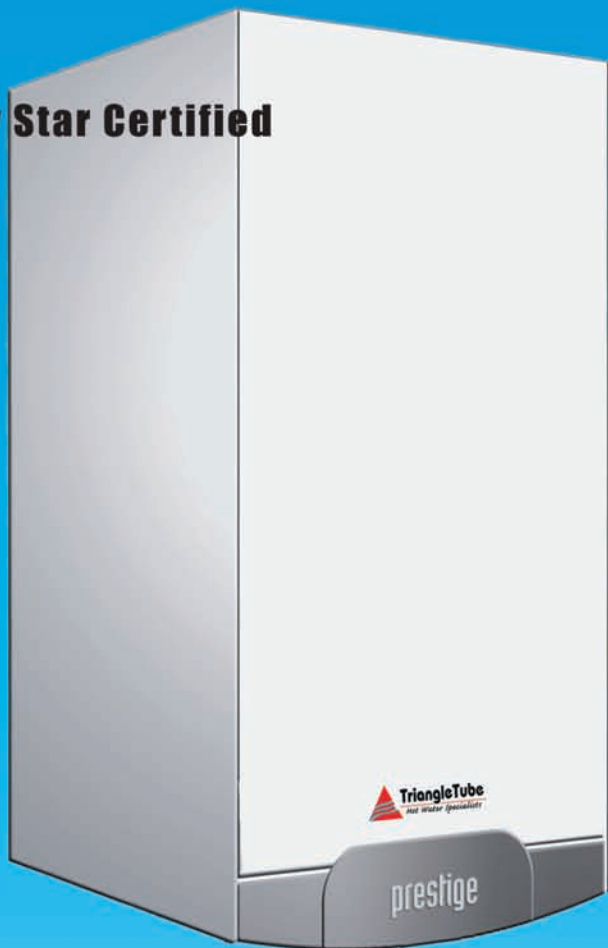
# prestige

Now Available in 4 Models  
Up to 399,000 Btu/Hr

## Condensing High Efficiency

## Stainless Steel Wall Mounted Gas Boiler

- ✓ All Models are 95% AFUE - Energy Star Certified
- ✓ Fully Modulating
- ✓ Digital Display
- ✓ Direct Vent / Sealed Combustion
- ✓ Minimal Space Requirements
- ✓ Natural Gas or Propane
- ✓ Low NOx
- ✓ Higher Water Volume than Competitive Units
- ✓ Low Pressure Drop
- ✓ Quiet Operation



Comfortable Space Heating at the Lowest Possible Operating Cost

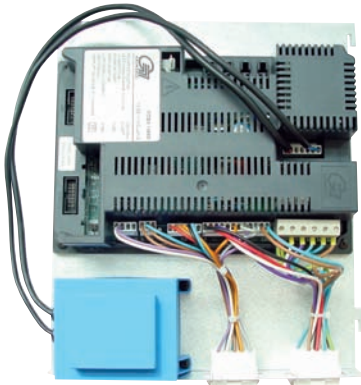


**TriangleTube**  
Hot Water Specialists





## MCBA Control



The Prestige uses a microprocessor electronic control module that automatically adjusts blower speed and gas flow rate to modulate boiler firing rate to closely match boiler output for space heating or DHW heating demand. The module responds to signals from the room thermostat, supply and return water temperature sensors, flue temperature sensor, domestic hot water aquastat and outdoor temperature sensor.

- ✓ Digital display module
- ✓ Ignition control
- ✓ Operating control
- ✓ High temperature limit protection
- ✓ Modulating temperature control
- ✓ Low water protection
- ✓ Outdoor reset
- ✓ Domestic hot water priority
- ✓ Two pump controls (Heating and DHW)
- ✓ Boiler freeze protection

## Stainless Steel Premix Burner Assembly

High grade stainless steel burner uses pre-mixed air and gas providing a 25% to 100% modulating firing rate. The Prestige burner features a long life, quiet operation, reliable spark ignition, and clean combustion for low NOx applications.

The blower, gas valve and venturi provide the proper gas and air mixture for precise combustion. The blower pulls in air and gas through the venturi. The air and gas mix inside the blower and are pushed into the burner for combustion. The gas valve senses suction from the blower and allows gas to flow only if combustion air is flowing and proper combustion is achieved.

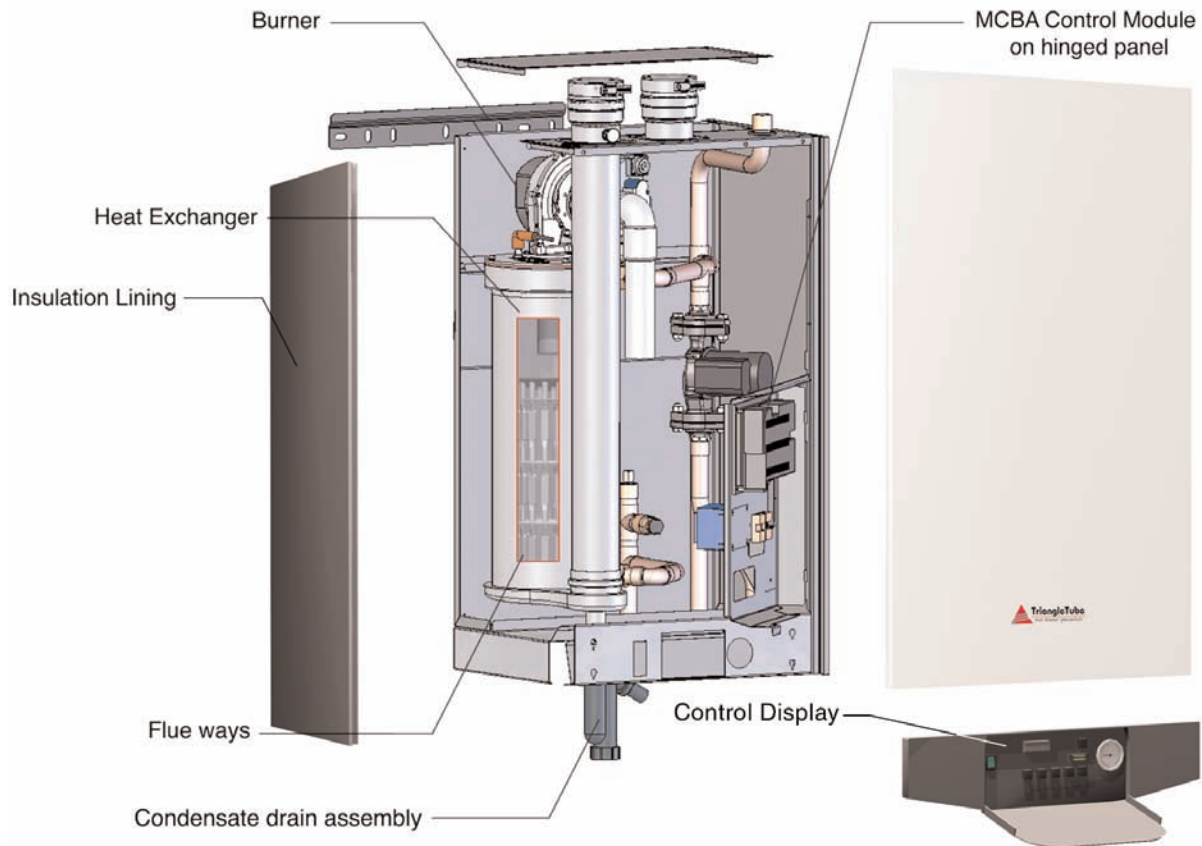


## Control Panel with Digital Display



A 4-digit user's Interface Module is provided to display system operating status and fully adjustable parameter values as well as diagnostic codes for easy troubleshooting and optimum system performance.

## Prestige Solo 110 Exploded View



The components of the Prestige are easily accessible for serviceability.

The Solo 175, 250 & 399 are shipped less the circulator.

## Stainless Steel Heat Exchanger

A unique, highly efficient heat exchanger is at the heart of the Prestige.



- ✓ Unique geometry: 3 consecutive baffles direct water flow through the exchanger and around the combustion chamber.
- ✓ Highest water content in the industry
  - Stable temperature control
  - Less sensitive to water flow
- ✓ 439 Grade Stainless Steel. Unparalleled resistance to corrosion
- ✓ Less sensitive to sludge
- ✓ Self cleaning: condensate washes combustion residue away when streaming down the tubes resulting in a constant efficiency and reduced maintenance.
- ✓ Low pressure drop

## Performance Specifications

Model	Fuel	Input Modulation MBH	AFUE	DOE Heating Capacity MBH	NET I=B=R MBH	Water Volume Gal.
Solo 110	Natural Gas	30 to 110	95%	103	88	2.5
Solo 110 LP	Propane Gas	30 to 100	95%	93	79	2.5
Solo 175	Natural or Propane	50 to 170	95%	157	134	4.6
Solo 250	Natural or Propane	65 to 245	95%	226	192	4.1
Solo 399	Natural or Propane	112 to 399	95.1 %*	379	325	7

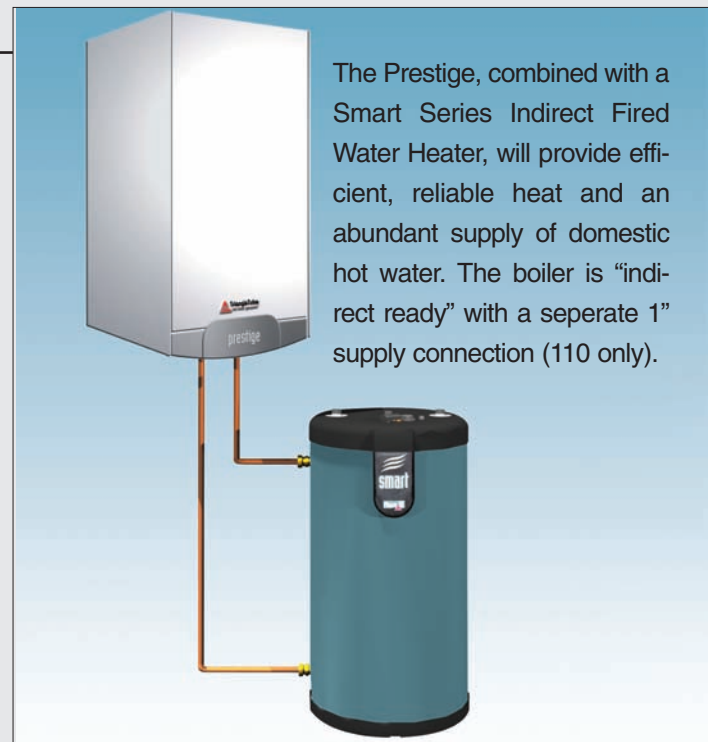
\*Thermal Efficiency

## Connections / Dimensions / Data

Model	Fuel	Supply / Return Connections	Gas Connection	Vent/Air Diameter	Dimensions D x W x H	Weight Lbs
Solo 110	Natural Gas/ Propane	1"	1/2"	3"	16"x 20" x 35 1/2"	106
Solo 175	Natural Gas/ Propane	1 1/4"	3/4"	3"	16"x 20" x 35 1/2"	131
Solo 250	Natural Gas/ Propane	1 1/4"	3/4"	3" or 4"	16"x 20" x 35 1/2"	142
Solo 399	Natural Gas/ Propane	1 1/2"	1"	4"	21 1/8"x 24 3/4" x 37 1/2"	200

## Standard Features

- ✔ Limited 10 year warranty
- ✔ Stainless steel heat exchanger
- ✔ Outdoor temperature sensor
- ✔ Stainless steel burner
- ✔ Negative pressure gas valve
- ✔ 30 psi relief valve
- ✔ Flanged Grundfos 3-speed UP15-58 system circulator (110 only)
- ✔ Drain valve
- ✔ Pressure gauge
- ✔ Condensate drain assembly
- ✔ 24 V terminal strip with removable jumpers for manual reset or automatic reset of external controls
- ✔ NTC temperature sensors on the boiler supply/return and flue



The Prestige, combined with a Smart Series Indirect Fired Water Heater, will provide efficient, reliable heat and an abundant supply of domestic hot water. The boiler is "indirect ready" with a separate 1" supply connection (110 only).

### Optional Equipment

- Floor Stand • Wall Kit (399) • Condensate Neutralizer Kit
- Concentric Vent Kit • 5 and 10 Year Parts and Labor Plans

Triangle Tube reserves the right to make product changes or improvements at any time without notice.



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