

# PRESTIGE

## CONDENSING HIGH EFFICIENCY STAINLESS STEEL WALL MOUNTED GAS BOILER



- ✦ 95% AFUE - Energy Star Listed
- ✦ Fully Modulating
- ✦ Digital Display
- ✦ Direct Vent / Sealed Combustion
- ✦ Minimal Space Requirements
- ✦ Natural Gas or Propane
- ✦ Low Nox - SCAQM Certified
- ✦ Higher Water Volume than Competitive Units
- ✦ Low Pressure Drop
- ✦ Quiet Operation



Comfortable Space Heating at the Lowest Possible Operating Cost

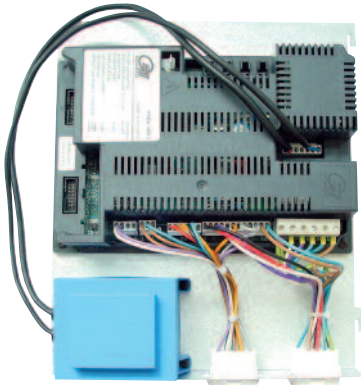


Available in 5 Models from  
60,000 to 399,000 Btu/Hr



# prestige

## 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 to 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.

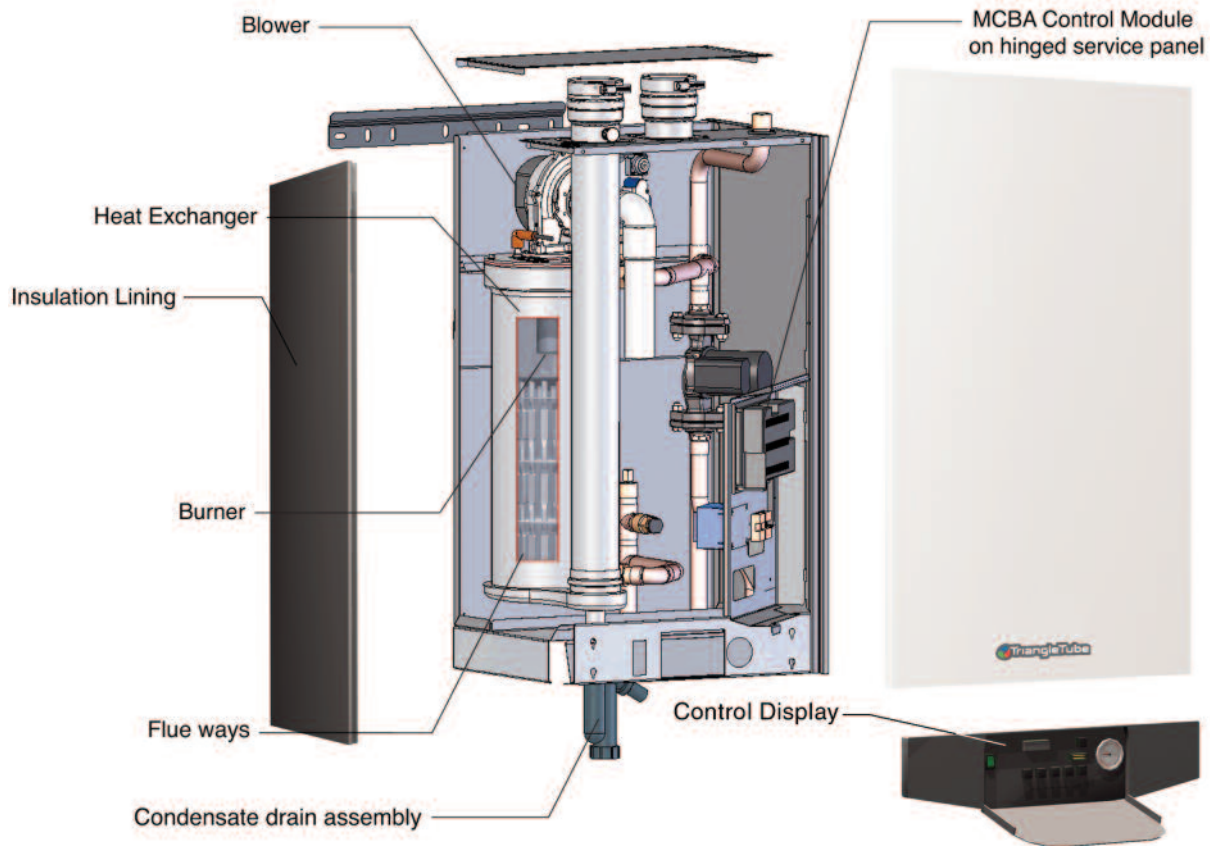


## Control Panel with Digital Display



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 60,175, 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 for uniform heat transfer.
- 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



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## Performance Specifications

Model	Fuel	Input Modulation MBH	AFUE	DOE Heating Capacity MBH	NET I=B=R MBH	Water Volume Gal.
Solo 60	Natural or Propane	16 to 60	95%	54	47	2.5
Solo 110	Natural Gas	30 to 110	95%	99	86	2.5
Solo 110 LP	Propane Gas	25 to 97	95%	87	76	2.5
Solo 175	Natural or Propane	50 to 170	95%	154	134	4.6
Solo 250	Natural or Propane	65 to 245	95%	223	194	4.1
Solo 399	Natural or Propane	112 to 399	95.1 %*	379	330	7



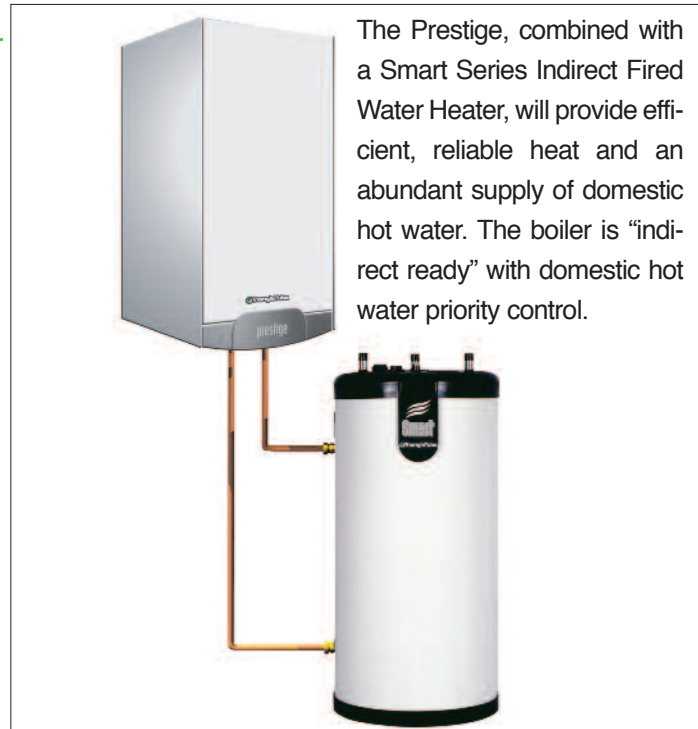
## Connections / Dimensions / Data

\*Thermal Efficiency

Model	Supply / Return Connections	Gas Connection	Vent/Air Diameter	Dimensions D x W x H	Weight Lbs
Solo 60	1"	1/2"	3"	16"x 20" x 35 1/2"	95
Solo 110	1"	1/2"	3"	16"x 20" x 35 1/2"	106
Solo 175	1 1/4"	3/4"	3"	16"x 20" x 35 1/2"	131
Solo 250	1 1/4"	3/4"	3"	16"x 20" x 35 1/2"	142
Solo 399	1 1/2"	1"	4"	20 3/4"x 24 3/4" x 37 1/2"	200

## Standard Features

- Factory tested
- Limited 10 year warranty
- Stainless steel heat exchanger
- Outdoor temperature sensor
- Stainless steel burner
- Negative pressure regulated gas valve
- 30 psi pressure relief valve
- Flanged Grundfos 3-speed UP15-58 system circulator (110 only)
- Automatic air vent
- 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
- 120V Power switch



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 domestic hot water priority control.

### Optional Equipment

- Floor Stand • Wall Kit (399) • Condensate Neutralizer Kit
- Concentric Vent Kit • Direct Vent Sidewall 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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