Inspections Division
Date: 02/04/14

TriangleTube

PRESTIGE Solo

Condensing High Efficiency Gas Boiler

- Stainless Steel Fire Tube Heat Exchanger
- 95% AFUE
- Low Pressure Drop
- Proven Performance
- 2" to 4" Venting
- Multiple Termination Options
- Low NOx - 2012 SCAQMD Certified
- 5 Models from 60 to 399 MBH
- 2 Year Control & Blower Warranty

Featuring TriMax Control with:

- 60 Second Set-Up
- Integrated Cascade
- Two Reset Curves/Set Points
- Control of 4 Circulators

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TriMax Control

60 Second Set-Up

Choose from 6 standard applications to set up the boiler in 60 seconds or less.

- Finned Tube Baseboard
- Cast Iron Baseboard
- Radiators
- High Mass Radiant
- Low Mass Radiant
- Fancoil

Integrated Cascade

Joins up to 6 boilers: Master boiler automatically recognizes linked boilers: Meets simultaneous DHW & Space Heating calls: Full Parallel Modulation.

Multiple Zone & Circulator Control

Manages 2 separate reset curves for high and low temperature zones: Controls up to 4 circulators. Manages 2 space heating zones and 1 DHW zone without external zone control panel.

Intelligent Troubleshooting

Describes lockouts in plain english and suggests solutions: Stores last 8 errors. Records sensor readings for 24 hours.

Next Generation Fire Tube Heat Exchanger

High Water Content

- Provides stable temperature control
- Low sensitivity to water flow
- Reduces short cycling
- Adapts to large or small heating loads

Unique Geometry

- Designed for maximum reliability with low thermal stress
- Improved water flow for maximum heat transfer
- 439 Stainless Steel for corrosion resistance
- Polypropylene condensate pan and flue resists corrosion

Reliable Low Maintenance Design

- Self cleaning design washes away combustion debris
- 10 year history of reliable performance
- High performance burner design
- Low pressure drop allows piping directly to the system

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Prestige Solo 110 Exploded View

The Widest Range of Venting and Termination Options

Venting

- 2”, 3”, and 4” diameters depending on model
- PVC,CPVC, SS and Polypropylene materials
- Flexible Polypropylene for chimney chases
- Concentric (399 only) or twin pipe
- Extended vent lengths up to 100 feet
- Common Vent for multiple boilers (399 only)

Terminations

- Traditional PVC/CPVC/PP/SS piping elbows
- Flush-mount PVC for twin pipes
- Flush-mount Stainless Steel for twin pipes
- Single hole Concentric Termination for twin pipes
- Horizontal Concentric Termination (399 only)
- Horizontal and Vertical Common Vent Terminations (399 only)

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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

*Thermal Efficiency

Connections / Dimensions / Data

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

TriMax Control Features

- Large Graphic Interface
- 60 Second Set-Up
- Customizable Reset Curves with 6 Presets
- Standard Modbus Interface
- 2 Space Heating Call Inputs
- Controls up to 4 Circulators
- 0-10 VDC Modulation Input
- Outdoor Reset
- Lockout Screens with Error Description and Troubleshooting recommendations:
  Cascade Control for up to 6 Boilers
  - Auto-configure linked boilers
  - Simultaneous space heating & DHW capability
  - Full parallel modulation
  - Boiler rotation
- DHW Priority
- Warm Weather Shutdown
- Low Water Cut Off

Standard Features

- Stainless Steel FireTube Heat Exchanger
- EZ Access Terminal Strips with Individually Fused High VoltageTerminals
- Outdoor Reset Sensor
- Negative Pressure Regulated Gas Valve
- LP Conversion Kit (All Models except Solo110)
- Cat IV Venting
- NPT Piping Connections
- Integrated Pressure Gauge
- 30 psi Pressure Relief Valve
- Automatic Air Vent
- Fold-down Control Panel for Easy Access
- Condensate Trap
- 10 Year Non-Prorated Heat Exchanger Warranty
- 2 Year Control & Blower Warranty

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

CERTIFIED ISO 9001 STANDARD
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