

# PRESTIGE SERIES

HIGH EFFICIENCY CONDENSING BOILERS & COMBINATION UNITS

- 95% AFUE
- Fire Tube Heat Exchanger
- ACVMAX Control: 60 Second EZ Set-up
- Integrated Cascade for up to 6 Boilers
- Widest Range of Venting Options Available
- Exclusive “Tank-in-Tank” Technology (combi)
- Easy Installation & Serviceability



**10 YEAR  
HEAT  
EXCHANGER**



**5 YEAR  
LIMITED  
PARTS**

# EXCELLENCE OF THE PRESTIGE

## ACVMAX, User-friendly Control System



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

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

### Integrated Cascade

- Joins up to 6 boilers
- Master boiler automatically recognizes linked boilers
- Meets simultaneous DHW & Space Heating calls
- Full Parallel Modulation
- Automatic Duty Cycling

### Intelligent Troubleshooting

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

### Multiple Zone Control

- Accepts 2 space heating calls with independent outdoor reset curves
- Simultaneously heat dual temperature heating systems with built-in mixing valve control
- Manage up to 2 space heating zones and 1 DHW zone without an external zone control panel

### Multiple Circulator Control

- Presets allow for quick configuration of 4 circulator outputs
- Circulator outputs fully configurable for custom applications

**Preconfigured for indirect hot water applications; the Prestige Solo pairs perfectly with a Smart Tank.**



### 439 Stainless Steel Heat Exchanger

Our proven Firetube heat exchanger is not only corrosion resistant; it's also designed to maximize heat transfer with low thermal stress. That results in peace of mind with unparalleled reliability and longevity.

### Low Maintenance Design

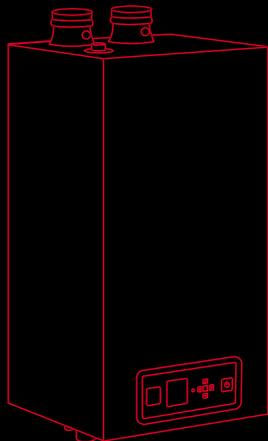
The condensate washes combustion residue away when streaming down the tubes for high efficiency and reduced maintenance.

### "Tank-in-Tank" Technology (Combi)

The Prestige Excellence Combination Boiler incorporates our 14 gallon indirect fired water heater in the cabinet that is capable of producing 180 GPH of domestic hot water. Heating and Hot water perfectly integrated into one unit.

### Installation Flexibility

Prestige works as the ideal solution for any installation by offering the widest range of venting and termination options available.



### Did you know?

**The Prestige was the first to introduce the Fire Tube heat exchanger to the residential market. Perfected with over three generations of industry expertise, it is the father of the modern-day Fire Tube heat exchanger.**

# SPECIFICATIONS & FEATURES

Model	Solo 80	Solo 110	Solo 155	Solo 175	Solo 250	Solo 299	Solo 399	Excellence 110
Input Modulation (MBH)	16 to 80	20 to 110	27.8 to 153	30.9 to 170	43.6 to 240	72.5 to 299	72.5 to 399	20 to 110
AFUE	95%	95%	95%	95%	95%	95%	95.1%*	95%
DOE Heating Capacity (MBH)	74,000	102,000	142,000	157,000	222,000	278,000	379,000	102,000
Net Boiler AHRI Rating (MBH)	64,000	89,000	123,000	137,000	193,000	242,000	330,000	86,000
Fuel	NG & LP	NG & LP	NG & LP	NG & LP	NG & LP	NG & LP	NG & LP	NG & LP
Turndown Ratio	5.0:1	5.5:1	5.5:1	5.5:1	5.5:1	4.1:1	5.5:1	5.5:1
Vent/Air Diameter	3"	3"	3"	3"	3"	4"	4"	3"
Supply/Return Connections	1"	1"	1-1/4"	1-1/4"	1-1/4"	1-1/2"	1-1/2"	1"
Gas Connections	1/2"	1/2"	3/4"	3/4"	3/4"	1"	1"	1/2"
Water Volume Gal.	2.1	2.1	4	5.3	4.5	7.4	7.4	4.4
Weight (Lbs)	103	103	118	128	140	210	216	190
Cabinet Depth (inch)	17-5/16"	17-5/16"	17-5/16"	17-5/16"	17-5/16"	23-5/8"	23-5/8"	23-5/8"
Cabinet Width (inch)	19-3/4"	19-3/4"	19-3/4"	19-3/4"	19-3/4"	24-7/8"	24-7/8"	24-7/8"
Cabinet Height (inch)	36-9/16"	36-9/16"	36-9/16"	36-9/16"	36-9/16"	39-3/8"	39-3/8"	39-3/8"
10 Min. Peak Flow* (Gal.)								55
1st Hour Rating* (GPH)								210
Continuous Flow @ 70 Temp. Rise* (GPH)								180
Domestic Inlet/Outlet								3/4"
Domestic Capacity (Gal.)								14

## High Water Content

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

## Reliable Low Maintenance Design

- High performance burner design
- ASME Stamped
- Low NOx - 2012 SCAQMD Certified
- 12 year history of reliable performance

## Venting

- 2", 3", & 4" diameters depending on model
- PVC, CPVC, SS & Polypropylene materials
- Flexible Polypropylene for chimney chases
- Concentric (299/399 only) or twin pipe
- Extended vent lengths up to 100 feet
- Common vent for multiple boilers (299/399 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 (299/399 only)
- Horizontal and Vertical Common Vent Terminations (299/399 only)



2017-10 Prestige Series Literature - 10/10/2017



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