Prestige Solo Features

• Light weight construction for wall mounting
• Approved for zero clearance to combustibles
• 3” PVC, CPVC, PP, or AL29-4C venting up to 100 equivalent feet
• Limited 5 year warranty on parts, except igniter
• Limited 10 year warranty on heat exchanger

Approvals

• 95% AFUE Efficiency
• ENERGY STAR Qualified
• ANSI Z21.13 and CSA 4.9 Boiler Standards Compliance
• ASME Boiler Certification – ASME “H” Stamp
• Low NOx operation exceeding SCAQMD 2012 regulations

Stainless Steel Fire Tube Heat Exchanger

• 439 Stainless Steel heat exchanger construction for corrosion resistance
• Low pressure drop minimizes circulator size
• High water content provides stable temperature control
• Self cleaning flue ways reduce maintenance
• Suitable for use with propylene glycol up to 50% concentration

ACVMax Control System

• Graphical display with 6 navigation buttons
• EZ Setup allows quick and easy boiler settings adjustment
• Presets allow quick configuration of 4 circulator outputs
• Each circulator output is fully configurable for custom applications
• Outdoor temperature reset to maximize efficiency
• Accepts two space heating call inputs with independent outdoor reset curves
• Simultaneously heat dual temperature heating systems with built-in mixing valve control
• Domestic hot water priority with optional time-out
• Integrated cascade control for up to 6 Prestige boilers
• 0-10 VDC Modulation input
• Modbus building management system (BMS) interface, LonWorks® and BACnet® interface optional
• Adjustable warm weather shutdown
• Adjustable boiler freeze protection
• Logging function records sensor readings for system optimization and troubleshooting
• Describes lockouts in plain english and suggests solutions while storing last 8 errors

Standard Equipment

• Stainless steel premix burner
• Direct spark ignition with variable speed blower
• Full modulation with turndown ratio of 5.5:1
• Automatic air vent
• ASME 30 PSI pressure relief valve
• Integrated pressure and temperature gauge
• Outdoor temperature sensor
• Automatic low water cutoff feature with early warning
• High temperature manual reset limit safety control
• Terminal block for circulator output
• Low voltage terminal strip with removable jumpers for manual or automatic reset limits
• Swing out control for easy access and servicing
• Alarm and flame status contacts
• Polypropylene condensate pan and internal flue pipe
• Polypropylene vent/air connections with test ports
### Boiler Dimensions

#### Front View

- **A**: 3/4” NPSC Pressure Relief Valve
- **B**: 3” Combustion Air Inlet
- **C**: 3” Vent Outlet
- **D**: 1-1/4” NPT Boiler Return
- **E**: 3/4” NPT Gas Connection
- **F**: 1-1/4” NPT Boiler Supply
- **G**: Boiler Width
- **H**: Boiler Height
- **I**: 3/4” NPSC Pressure Relief Valve
- **J**: 3” Combustion Air Inlet & 3” Vent Outlet
- **K**: 3/4” NPT Gas Connection
- **L**: 1-1/4” NPT Boiler Return & Supply
- **M**: Boiler Depth

#### Side View

- **A**: 3/4” NPSC Pressure Relief Valve
- **B**: 3” Combustion Air Inlet
- **C**: 3” Vent Outlet
- **D**: 1-1/4” NPT Boiler Return
- **E**: 3/4” NPT Gas Connection
- **F**: 1-1/4” NPT Boiler Supply
- **G**: Boiler Width
- **H**: Boiler Height
- **I**: 3/4” NPSC Pressure Relief Valve
- **J**: 3” Combustion Air Inlet & 3” Vent Outlet
- **K**: 3/4” NPT Gas Connection
- **L**: 1-1/4” NPT Boiler Return & Supply
- **M**: Boiler Depth

### Boiler Specifications

<table>
<thead>
<tr>
<th>Model</th>
<th>Fuel</th>
<th>Input Modulation (MBH)</th>
<th>AFUE</th>
<th>DOE Heating Capacity (MBH)</th>
<th>Net AHRI (MBH)</th>
<th>Boiler Water Volume (gal)</th>
<th>Power</th>
<th>Shipping Weight Lbs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Solo 155</td>
<td>Natural Propane</td>
<td>27.8 - 153</td>
<td>95%</td>
<td>142</td>
<td>123</td>
<td>4</td>
<td>120/1/60 FLA: 10A</td>
<td>118</td>
</tr>
</tbody>
</table>

### Pressure Drop Curve vs Grundfos Circulators

- **Solo 155**: Grundfos UP43-75F / UP50-75F
- **Grundfos UP26-99F**: Grundfos UP43-75F / UP50-75F
- **Grundfos UP26-116F**: Grundfos UP43-75F / UP50-75F

---

![Pressure Drop Curve vs Grundfos Circulators](image-url)