**PREMIER® POWER VENT DV**

96% Efficient

Power Direct Vent Residential Gas Water Heaters

The 100,000 BTU Premier® Power Vent DV residential gas water heater is equipped with a fully submerged, spiral-shaped condensing heat exchanger and 50 gallons of storage capacity. This design provides a much greater heat transfer surface than a standard straight flue tube, resulting in 96% thermal efficiency and higher hot water output* than comparable 80% efficient water heaters. With a 22” diameter, the Premier® Power Vent DV can be installed in less space than a 75-gallon unit, yet delivers greater recovery and lower operating costs.

**Power Direct Vent Design for Installation Versatility**

- Modular blower, with 120V, 60Hz electrical system (5 amps or less)
- Can be vented vertically thru-the-roof or horizontally thru-the-wall
- Combined horizontal and vertical vent runs terminating through outside wall, using PVC, CPVC or ABS pipe as follows:
  - 2” pipe allows vent runs up to 45 equivalent feet
  - 3” pipe allows vent runs up to 128 equivalent feet
- Optional concentric and sidewall termination kits available
- 120v 3-prong power chord

**Available in Natural Gas or Propane**

**ENERGY STAR® Qualified**

**Side-Mounted Taps for Recirculating Systems**

- Hot and cold “side taps” allow the Premier® Power Vent DV to be used for “combination” systems for water heating plus space heating, radiant floor heating or other applications requiring a recirculating hot water loop
- Plugs for recirculating taps are factory–installed

**Advanced Electronic Control**

- Large LCD display
- Precise temperature control
- Advanced diagnostics
- iCOMM™ Compatible and can be monitored from remote locations.
  - Call 1.888.WATER02 For more information.

**Glasslined Tank with Heavy Duty Anode Rods**

- Provides superior protection against corrosion
- Commercial-grade glass lining protects all “water side” tank surfaces including the inside of internal heat exchanger exposed to condensate

**Top-Fired Low NOx Burner**

- “Eco-Friendly” design reduces NOx emissions and complies with ultra-low NOx emission requirements of less than 14 ng/j

**CSA Certified and ASME Rated T&P Relief Valve Compliance**

- Meets the thermal efficiency and standby loss requirements of the U.S. Department of Energy and current edition of ASHRAE/IESNA 90.1
- Design-certified by Underwriters Laboratories (UL) according to ANSI Z21.10.3-CSA 4.3 Standards governing storage-type water heaters

**Six-Year Limited Parts And Tank Warranty**

- Consult written warranty shipped with water heater or contact State Water Heater for complete warranty information
  - * 4.3 GPM continuous flow, based on 65°F inlet water temperature and 110°F outlet water temperature.
PREMIER® POWER VENT DV
96% Efficient
Power Direct Vent Residential Gas Water Heaters

SPECIFICATIONS

<table>
<thead>
<tr>
<th>MODEL NUMBER</th>
<th>BTU INPUT PER HOUR</th>
<th>TANK SIZE GALLONS</th>
<th>FIRST HOUR DELIVERY GALLONS</th>
<th>RECOVERY-GALLONS PER HOUR AT 90ºF RISE</th>
<th>SHIPPING WEIGHT LBS.</th>
</tr>
</thead>
<tbody>
<tr>
<td>GP6 50 YTPDT</td>
<td>100,000</td>
<td>50</td>
<td>164</td>
<td>129</td>
<td>255</td>
</tr>
</tbody>
</table>

All models: Maximum Supply Pressure: 14 inches w.c. (3.48 kPa) Minimum Supply Pressure Natural Gas: 3.5 inches w.c. (.87 kPa). Minimum Pressure: Propane: 8.0 inches w.c. (1.99 kPa). Minimum Pressure must be maintained under both load and no-load (static and dynamic) conditions. 120v 3-prong power chord

DIMENSIONS

<table>
<thead>
<tr>
<th>GP6 50 YTPDT</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>INCHES</td>
<td>66-3/4</td>
<td>49-1/4</td>
<td>22</td>
<td>15-3/4</td>
<td>3</td>
<td>8</td>
</tr>
</tbody>
</table>

Top inlet and outlet: 3/4" male NPT
Side inlet and outlet: 3/4" female NPT
Gas inlet: 1/2" NPT

SUGGESTED SPECIFICATION

1. Natural or Propane gas water heater(s) shall be Premier® Power Vent DV model # GP6 50 YTPDT, with 96% thermal efficiency, a storage capacity of 50 gallons, an input rating of 100,000 BTU per hour, a recovery rating of 129 gallons per hour at 90°F rise and a maximum hydrostatic working pressure of 150 psi. Water heater(s) shall be of power direct vent design, using 2" or 3" PVC pipe for horizontal and/or vertical vent runs. Water heater(s) shall have: 1. Glasslined steel tank construction and a spiral-shaped heat exchanger placed entirely inside the tank, which shall be glasslined on the flue gas side to protect against acidic condensate. 2. Advanced electronic control with large LCD display and advanced diagnostics. 3. A 6-year limited warranty on parts and tank. Water heater(s) shall meet the thermal efficiency and standby loss requirements of the U.S. Department of Energy and current edition of ASHRAE/IESNA 90.1 and be design-certified by UL (Underwriters Laboratories) according to ANSI Z21.10.3-CSA4.3 standards governing storage tank water heaters. Water heater should incorporate the iCOMM™ system for remote monitoring, leak detection and fault alert.

For complete information on limited warranties, consult written warranty or contact the State Customer Care Center at 1-800-365-0024.

State Industries, Inc. reserves the right to make product changes or improvements without prior notice.

For more information on State Water Heaters®, contact:
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500 Tennessee Waltz Parkway, Ashland City, TN 37015
800-365-0024 Toll-free USA
www.statewaterheaters.com
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