Polaris®

Residential High Efficiency Gas Water Heaters

Condensing Design
- Operates at up to 96% thermal efficiency, which saves money on operating costs compared to a standard 80% efficient gas water heater
- Helical internal heat exchanger keeps hot combustion gases in the tank longer to transfer more heat into the water
- Modulating burner maintains high efficiency operation at lower input rates

Stainless Steel Construction
- Tank and helical heat exchanger are constructed from 444 stainless steel for excellent corrosion resistance without the need for an anode

Whisper-Quiet Operation
- Ultra-quiet blower and burner minimize noise

Power Direct Vent Design
- Direct vent using PVC, CPVC or ABS either thru-the-wall or thru-the-roof
- Optional concentric vent kit

Advanced Electronic Control
- Large LCD display provides precise temperature control and advanced diagnostics

Code Compliance
- Complies with SCAQMD Rule 1146.2 and other air quality management districts with similar requirements for Ultra-Low NOx emissions requirements of 14 ng/J or 20 PPM
- Meets UBC, CEC and ICC National Codes
- Meets the thermal efficiency and standby loss requirements of the U.S. Department of Energy and current edition of ASHRAE/IES 90.1

10-Year Limited Tank and 1-Year Limited Parts Warranty

<table>
<thead>
<tr>
<th>Model Number</th>
<th>Gallon Capacity</th>
<th>BTU/hr Input</th>
<th>Thermal Efficiency</th>
<th>Recovery @ 90° Rise</th>
<th>Dimensions in Inches</th>
<th>Approx. Shipping Weight (lbs)</th>
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</thead>
<tbody>
<tr>
<td>GSP 100</td>
<td>34</td>
<td>100,000</td>
<td>96%</td>
<td>129</td>
<td>48-1/2 x 22</td>
<td>150</td>
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<tr>
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<td>190</td>
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</table>

Available in Propane (LP) gas. Specify when ordering Propane (LP) gas.
Models certified for use to 7,700' elevation.
For more than 140 years, we at A. O. Smith have taken pride in being the innovative leader in water heating. We've worked to instill our long experience of innovation into a comprehensive line of residential and commercial water heaters for any application.

Polaris® High Efficiency Gas Water Heaters embody all that's best about the A. O. Smith brand. Our world-class engineering team has combined high BTU inputs, storage capacity, and a small physical footprint to create a product unlike any on the market.

Polaris’ large range of inputs (up to 199,000 BTU/hr) inputs mean that it can deliver continuous hot water, making it well suited for large home applications where multiple tasks like dish washing, showers and laundry are performed simultaneously. Its reliable and highly efficient performance also makes Polaris the solution for combined space and water heating applications. It’s available in 34- and 50-gallon sizes, so that it can easily provide large “bursts” of hot water in applications like filling a garden tub where tankless models may have flow limitations.