COMMERCIAL-GRADE Residential Gas Water Heaters

NAUTILUS™ VERSATILE POWER DIRECT VENT
UP TO 0.88 UNIFORM ENERGY FACTOR
(96% THERMAL EFFICIENCY)

Today’s homes demand more hot water than ever before, and the high efficiency Nautilus™ power direct vent gas water heaters offer unprecedented levels of performance to meet the need. The fully condensing Nautilus™ design is so advanced, it can deliver “continuous hot water for shower after shower” at a constant flow of over 4 gallons per minute.

ENERGY STAR® QUALIFIED
ADVANCED ELECTRONIC CONTROL
• Exclusive American designed touch display control system
• Precise temperature control
• Built-in diagnostics and operational information

CONDENSING DESIGN
• High efficiency operation with up to 0.88 Uniform Energy Factor (96% thermal efficiency) to save money on operating costs
• Equipped with condensate drain tee

HELICAL INTERNAL HEAT EXCHANGER
• Spiral heat exchanger keeps hot combustion gases in the tank longer to lengthen the heat transfer cycle
• Positioned in the center of the tank for more even heat distribution
• Spiral design reduces lime scale formation on the heat exchanger to maintain high efficiency operation over time

POWER DIRECT VENT DESIGN
• Combined vertical and horizontal runs terminating through an outside wall. Vents using PVC, CPVC, or polypropylene pipe. Canadian installations require ULC S636 approved PVC, CPVC or polypropylene pipe for venting.
• 2” pipe, vents up to 45 equivalent feet
• 3” pipe, vents up to 125 equivalent feet

SIDE-MOUNTED HOT AND COLD RECIRCULATING TAPS
• Allows Nautilus™ to be installed as part of combination space heating/water heating applications

BLUE DIAMOND® GLASS COATING
• Provides superior corrosion resistance compared to industry standard glass lining.

AVAILABLE IN NATURAL GAS OR PROPANE

TOP FIRED ULTRA-LOW NOX GAS BURNER
• Enhanced Ultra-low NOx burner complies with SCAQMD Rule 1146.2 and other Air Quality Management Districts with similar requirements for NOx emissions of less than 14 ng/L

HEAVY-DUTY ANODIC PROTECTION
• Provides even more protection against corrosion

CSA CERTIFIED AND ASME RATED T&P RELIEF VALVE

MAXIMUM HYDROSTATIC WORKING PRESSURE: 150 PSI

CODE COMPLIANCE
• Meets IBC 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.

DESIGN-CERTIFIED BY UNDERWRITERS LABORATORIES
• Certified at 300 psi test pressure and 150 psi working pressure. Listed according to ANSI Z21.10.3 - CSA 4.3 standards governing storage tank-type water heaters.

6-YEAR LIMITED TANK AND PARTS WARRANTY
• For complete information, consult written warranty or go to americanwaterheater.com

*Continuous hot water based on 4.31 GPM continuous flow with a 65°F inlet water temperature, 110°F outlet temperature, and a unit installed per the manufacturer’s instructions.

MODEL SHOWN VG6275T100 SERIES 300/301
## COMMERCIAL-GRADE Residential Gas Water Heaters

**Available in Propane (LP) gas. Change NV to PV for Propane (LP).**

Models certified for sea level to 10,100 ft. elevation.

Optional Condensate Neutralization Kit (100112380).

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### Model Number
- **VG6250T100NV**
- **VG6275T100NV**

### Model Numbers vs. Properties

<table>
<thead>
<tr>
<th>Model</th>
<th>Nominal Capacity</th>
<th>Rated Storage Volume</th>
<th>First Hour Rating (Gallons)</th>
<th>UEF</th>
<th>Thermal Efficiency</th>
<th>Recovery @ 90° Rise Gallon Per Hour</th>
<th>BTU Input Per Hour</th>
<th>Vent Size</th>
<th>Dimensions in Inches</th>
<th>Approx. Shipping Weight (lbs)</th>
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</thead>
<tbody>
<tr>
<td>VG6250T100NV</td>
<td>50</td>
<td>49</td>
<td>100</td>
<td>0.88</td>
<td>96%</td>
<td>129</td>
<td>100,000</td>
<td>2 or 3</td>
<td>66-3/4</td>
<td>22</td>
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<tr>
<td>VG6275T100NV</td>
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<td>74</td>
<td>130</td>
<td>0.86</td>
<td>96%</td>
<td>129</td>
<td>100,000</td>
<td>2 or 3</td>
<td>64-3/4</td>
<td>27-3/4</td>
</tr>
</tbody>
</table>

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![Diagram](VG6250T100NV.png)

**INSTALL IN ACCORDANCE WITH LOCAL CODES.**

![Diagram](VG6275T100NV.png)

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For technical information call (800) 999-9515. American Water Heaters reserves the right to make product changes or improvements without prior notice.