COMMERCIAL-GRADE Residential Gas Water Heaters

POLARIS™ HIGH EFFICIENCY

CONDENSING DESIGN
• High efficiency operation with 0.90 Uniform Energy Factor (PG10-34-100-2NV) and up to 96% thermal efficiency to save money on operating costs
• Helical internal heat exchanger keeps hot combustion gases in the tank longer to extract more heat into the water

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 to minimize noise

POWER DIRECT VENT DESIGN
• Direct vent using PVC, CPVC or Polypropylene (solid core only) through a sidewall or roof
• Optional concentric vent kit
• 2” pipe vents up to 52 equivalent feet (100-150k BTU/hr inputs)
• 3” pipe vents up to 130 equivalent feet

ADVANCED ELECTRONIC CONTROL
• Large touchscreen display
• Precise temperature control
• Advanced water heater status and diagnostics

FULLY SERVICEABLE FROM THE FRONT
• Two front access panels expose all serviceable components. Modular components are all easily removed.

ULTRA-LOW NOx MODULATING 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
• Modulating burner maintains high efficiency operation at lower input rates

SIDE-MOUNTED HOT AND COLD RECIRCULATING TAPS
• Polaris can be easily installed with a recirculation system or as part of a combined domestic & space heating system

AVAILABLE IN NATURAL GAS OR PROPANE

CSA CERTIFIED AND ASME RATED T&P RELIEF VALVE

STANDARDS AND CERTIFICATIONS
• Design-certified by CSA International according to ANSI Z21.10.3 – CSA 4.3 Standards
• 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 10-YEAR PARTS WARRANTY
• For complete information, consult written warranty or go to americanwaterheater.com

*When sized appropriately, Model PG10 50 199 3NV N can deliver 8.95 GPM continuous flow, based on 65°F inlet water temperature, 120°F outlet temperature.

MODEL SHOWN PG10-50-199-3NV SERIES 200/201

For complete warranty information consult the written warranty of American Water Heaters found at: www.americanwaterheater.com or call (800) 999-9515 | Copyright © by American Water Heaters October 2019. All Rights reserved.
## COMMERCIAL-GRADE Residential Gas Water Heaters

### Table of Specifications

<table>
<thead>
<tr>
<th>Model Number</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>Dimensions in Inches</th>
<th>1st Water Connections</th>
<th>T&amp;P</th>
<th>Gas Supply*</th>
<th>Approx. Shipping Weight (lbs)</th>
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<tbody>
<tr>
<td>PG10-34-100-2NV</td>
<td>34</td>
<td>33</td>
<td>170</td>
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<td>129</td>
<td>100,000</td>
<td>AB 22</td>
<td>CD 15-3/4</td>
<td>E 41</td>
<td>F 6-3/8</td>
<td>150</td>
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<td>CD 15-3/4</td>
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<td>CD 15-3/4</td>
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<td>190</td>
<td>22</td>
<td>150,000</td>
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<td>CD 15-3/4</td>
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</table>

*For propane models change “N” to “P” in the model number (example: PG10-50-199-3PV)
Models certified for sea level to 7,700 ft. elevation.

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