CONDENSING TANKLESS

The Next Level of Tankless:
Prestige™ high efficiency condensing tankless gas water heaters

- 94% energy efficient and exceeds ENERGY STAR® requirements
- Indoor direct vent with PVC piping and outdoor models
- RTGH-95 series – 11,000-199,900 Btu/h for 3 bathroom homes
- RTGH-84 series – 11,000-157,000 Btu/h for 2-3 bathroom homes
Rheem Prestige™ Condensing Tankless offers an unbeatable combination of ultra-high efficiency and continuous hot water

Rheem uses sophisticated condensing technology to create the most efficient whole home tankless water heating solution available from Rheem. The popularity of luxury bathrooms and oversize tubs is growing, and so is the demand for large volumes of low-cost hot water. Rheem’s Prestige™ tankless design offers unparalleled convenience and low-cost operation.

Efficiency
• 94% energy efficient with stainless steel condensing heat exchanger
• Intelligent electronic controls designed to increase energy efficiency and safety
• Third-party efficiency listed by AHRI

Performance
• Industry First! 0.26 GPM minimum flow rate, 0.40 GPM minimum activation flow rate
• RTGH-95 for 3 bathroom homes*– 9.5 gal./min. at 35°F rise max., 8.4 gal./min. at 45°F rise SCAQMD 1146.2 compliant
• RTGH-84 for 2-3 bathroom homes*– 8.4 gal./min. at 35°F rise max., 6.6 gal./min. at 45°F rise SCAQMD 1146.2 compliant

Compact Size
• Compact space saving design – about the size of a medicine cabinet

Self-Diagnostic System
• Self-diagnostic system for easy installation and service
• Digital display shows temperature setting and maintenance codes

High Altitude Compliant
• High-altitude capability – up to 9,840 ft. elevation above sea level

* Based on simultaneous showers using 2.5 gallons per minute. Flow rates vary depending on temperature of cold water supply.

Technology
• Two-pipe direct vent system designed for PVC pipe, see instructions for details
• Hot start programming helps minimize fluctuation in water temperature, referred to as the “cold water sandwich” effect, during periods of frequent on/off operation
• Built-in electric blower
• Exclusive! Guardian overheat film wrap (OFW)
• EZ-Link cable available for higher demand applications to connect two tankless units to operate as one
• Manifold up to six units with an optional MIC-6 manifold control board
• Manifold up to 20 units with the optional MIC-185 plus the MICS-180 manifold control assembly

Plus…
• Up to 38 ft. of 3” PVC Pipe or 5 ft. of 2” PVC Pipe , see instructions for details
• Digital remote control and 10 ft. of thermostat wire included
• Supplied with a 120 volt power cord (indoor models only)
• Freeze protection to -30°F
• EZ-Spec™ Sizing Software –advanced online tool that takes the guess work out of sizing tankless applications – available at www.rheem.com/tankless

Warranty
• 12-Year Residential, 5-year Commercial on heat exchanger, 5-year on parts and 1-year on labor
  See Warranty Certificate for complete information

Commercial Applications
The Prestige Condensing Tankless Series can be upgraded for high-temperature commercial use
• Temperature range is 85°F to 185°F

RTGH-95 Upgrade Kits
RTG20240A for RTGH-95DVLN
RTG20240B for RTGH-95DVLP
RTG20240C for RTGH-95XLN
RTG20240D for RTGH-95XLP

RTGH-84 Upgrade Kits
RTG20241A for RTGH-84DVLN
RTG20241B for RTGH-84DVLP
RTG20241C for RTGH-84XLN
RTG20241D for RTGH-84XLP

Note: These upgrade kits are not compatible with previous models. See the 2012 Tankless Parts Catalog for a complete listing.
Superior Construction and Reliability

**Indoor Direct Vent**
1. Stainless Steel Secondary Heat Exchanger
2. All-Copper Primary Heat Exchanger
3. Over Heat Film Wrap
4. Electronic Spark Ignition
5. 199,900 Btu/h Modulating Burner
6. Electronic Control Board
7. Condensate Reservoir
8. Variable Speed Fan
9. Water Flow Control System
10. Modulating Gas Valve

**Outdoor**
1. Stainless Steel Secondary Heat Exchanger
2. All-Copper Primary Heat Exchanger
3. Over Heat Film Wrap
4. Electronic Spark Ignition
5. 199,900 Btu/h Modulating Burner
6. Electronic Control Board
7. Condensate Reservoir
8. Variable Speed Fan
9. Water Flow Control System
10. Modulating Gas Valve

All indoor tankless units must be vented vertically or horizontally to the outdoors using manufacturer approved venting material. See the installation instructions for each specific model. (ULCS636 Pipe must be used for Canada.)

Venting details, including clearances and diagrams can be found in the “Use & Care Manual” of Rheem indoor tankless water heaters.
### Rheem Prestige RTGH-95 Specifications for 3 Bathroom Homes

<table>
<thead>
<tr>
<th>MODEL NUMBER</th>
<th>GAS INPUT BTU/H</th>
<th>TYPE</th>
<th>TEMP. RANGE</th>
<th>MIN. FLOW/ACTIVATION GPM</th>
<th>GPM @ 77°F RISE MAX.</th>
<th>GPM @ 45°F RISE MAX.</th>
<th>MAX. GPM</th>
<th>CONNECTION</th>
<th>WATER</th>
<th>HEIGHT</th>
<th>WIDTH</th>
<th>DEPTH</th>
<th>VENT DIA.</th>
<th>SHIP. WEIGHT (lbs.)</th>
<th>ENERGY FACTOR</th>
<th>% OF THERM. EFFICIENCY</th>
<th>D.O.E. ANN. OP COST NAT/LP</th>
</tr>
</thead>
<tbody>
<tr>
<td>RTGH-95DV LN</td>
<td>11,000-199,900</td>
<td>Indoor Direct Vent</td>
<td>85°F to 140°F</td>
<td>0.26/0.40</td>
<td>4.9</td>
<td>8.4</td>
<td>9.5</td>
<td>3/4</td>
<td>3/4</td>
<td>27-1/2</td>
<td>18-1/2</td>
<td>9-3/4</td>
<td>2&quot; or 3&quot; PVC, 2-Pipe</td>
<td>82</td>
<td>.94</td>
<td>94%</td>
<td>$194/326</td>
</tr>
<tr>
<td>RTGH-95XL N</td>
<td>11,000-199,900</td>
<td>Outdoor</td>
<td>85°F to 140°F</td>
<td>0.26/0.40</td>
<td>4.9</td>
<td>8.4</td>
<td>9.5</td>
<td>3/4</td>
<td>3/4</td>
<td>27-1/2</td>
<td>18-1/2</td>
<td>9-3/4</td>
<td>N/A</td>
<td>82</td>
<td>.94</td>
<td>94%</td>
<td>$194/326</td>
</tr>
</tbody>
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### Rheem Prestige RTGH-84 Specifications for 2-3 Bathroom Homes

<table>
<thead>
<tr>
<th>MODEL NUMBER</th>
<th>GAS INPUT BTU/H</th>
<th>TYPE</th>
<th>TEMP. RANGE</th>
<th>MIN. FLOW/ACTIVATION GPM</th>
<th>GPM @ 77°F RISE MAX.</th>
<th>GPM @ 45°F RISE MAX.</th>
<th>MAX. GPM</th>
<th>CONNECTION</th>
<th>WATER</th>
<th>HEIGHT</th>
<th>WIDTH</th>
<th>DEPTH</th>
<th>VENT DIA.</th>
<th>SHIP. WEIGHT (lbs.)</th>
<th>ENERGY FACTOR</th>
<th>% OF THERM. EFFICIENCY</th>
<th>D.O.E. ANN. OP COST NAT/LP</th>
</tr>
</thead>
<tbody>
<tr>
<td>RTGH-84DV LN</td>
<td>11,000-157,000</td>
<td>Indoor Direct Vent</td>
<td>85°F to 140°F</td>
<td>0.26/0.40</td>
<td>3.9</td>
<td>6.6</td>
<td>8.4</td>
<td>3/4</td>
<td>3/4</td>
<td>27-1/2</td>
<td>18-1/2</td>
<td>9-3/4</td>
<td>2&quot; or 3&quot; PVC, 2-Pipe</td>
<td>82</td>
<td>.94</td>
<td>94%</td>
<td>$194/326</td>
</tr>
<tr>
<td>RTGH-84XL N</td>
<td>11,000-157,000</td>
<td>Outdoor</td>
<td>85°F to 140°F</td>
<td>0.26/0.40</td>
<td>3.9</td>
<td>6.6</td>
<td>8.4</td>
<td>3/4</td>
<td>3/4</td>
<td>27-1/2</td>
<td>18-1/2</td>
<td>9-3/4</td>
<td>N/A</td>
<td>82</td>
<td>.93</td>
<td>94%</td>
<td>$198/333</td>
</tr>
</tbody>
</table>


All models are available in Natural Gas and Propane (LP). For Propane replace the N with P when ordering.

• SCAQMD 1146.2 compliant.
• Factory set maximum temperature is 120°F. See Use and Care Manual for setting.
• Consult factory for information on sizing the application.
• Add a ‘C’ to the model number when ordering Canadian models. Outdoor models are only for seasonal use in Canada.
• Proper gas pressure must be ensured to supply tankless gas water heaters – up to 199,900 Btu/h for RTGH-95 models.
• Vent Termination Kits are required for Direct Vent models. Contact your distributor for details.
• Please contact Rheem Canada Ltd for details.

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**Temperature Rise (° F)**

<table>
<thead>
<tr>
<th>Model Number</th>
<th>35°</th>
<th>45°</th>
<th>50°</th>
<th>60°</th>
<th>70°</th>
<th>77°</th>
<th>80°</th>
<th>90°</th>
<th>100°</th>
</tr>
</thead>
<tbody>
<tr>
<td>RTGH-95 Water Flow (GPM)</td>
<td>9.5</td>
<td>8.4</td>
<td>7.6</td>
<td>6.3</td>
<td>5.4</td>
<td>4.9</td>
<td>4.7</td>
<td>4.2</td>
<td>3.8</td>
</tr>
<tr>
<td>RTGH-84 Water Flow (GPM)</td>
<td>8.4</td>
<td>6.6</td>
<td>6.0</td>
<td>5.0</td>
<td>4.3</td>
<td>3.9</td>
<td>3.7</td>
<td>3.3</td>
<td>3.0</td>
</tr>
</tbody>
</table>

Above estimates are for sizing purposes only.

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**Maximum Vent Length (intake/outlet):**

- Number of 90° Elbows
- Maximum Length of 2" Straight Pipe
- Maximum Length of 3" Straight Pipe

(ULCS636 pipe must be used for Canada.)

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In keeping with its policy of continuous progress and product improvement, Rheem reserves the right to make changes without notice.