ULTRA-LOW NOₓ

CODE COMPLIANCE
• The Ultra-Low Nox atmospheric vent commercial gas water heater which meets the thermal efficiency and standby loss requirements of the U. S. Department of Energy and Current Edition ASHRAE/IESNA 90.1.

FULLY AUTOMATIC CONTROLS WITH SAFETY SHUTOFF
• Accurate, dependable control system requires no electric connections. Fixed automatic gas shutoff device for added safety. Not recommended for 180°F sanitizing.

HEAVY GAUGE STEEL JACKET
• Finished with baked enamel over bonderized undercoat.

GLASSLINED TANK
• Maximizes tank life.

FOAM INSULATION
• Saves fuel, helps reduce standby heat loss.

ULTRA-LOW NOX EMISSIONS
• Complies with SCAQMD Rule 1146.2 and other Air Quality Management Districts with similar requirements of 14 ng/j or 20 ppm.

EASY-TO-INSTALL
• Completely factory-assembled. Only gas, water and vent connections need to be made. All connections are located in front and top of heaters for ease-of-installation and service.

DRAFT HOOD
• Low profile draft hood furnished as standard equipment.

COREGARD™ ANODE ROD
• Our anode rods have a stainless steel core that extends the life of the anode rod allowing superior tank protection far longer than standard anode rods.

MAXIMUM WORKING PRESSURE
• 150 psi.

MAXIMUM GAS INLET PRESSURE
• 14” W.C.

HANDHOLE CLEANOUT
• Allows easy tank cleaning.

FEATURES
• Anodic protection
• Equipped with gas pressure regulator
• Integral automatic gas shutoff system prevents excessive water temperature
• CSA certified and ASME rated T&P relief valve

3-YEAR LIMITED TANK / 1-YEAR LIMITED PARTS WARRANTY
• For complete warranty information, consult written warranty or contact American Water Heaters.
## Commercial Gas Water Heaters

### Recovery Ratings

<table>
<thead>
<tr>
<th>Model</th>
<th>Input Rate</th>
<th>Recovery in US Gallons/hr or Liters/hr at Indicated Temperature Rise in Fahrenheit or Celsius</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>BCN375T754NV</strong></td>
<td>75,100 BTU/h</td>
<td>°F</td>
</tr>
<tr>
<td></td>
<td></td>
<td>GPH</td>
</tr>
<tr>
<td></td>
<td>22 kW</td>
<td>°C</td>
</tr>
<tr>
<td><strong>BCN3100T754NV</strong></td>
<td>75,100 BTU/h</td>
<td>°F</td>
</tr>
<tr>
<td></td>
<td></td>
<td>GPH</td>
</tr>
<tr>
<td></td>
<td>22 kW</td>
<td>°C</td>
</tr>
</tbody>
</table>

*Recovery rating based on 81% thermal efficiency  
**Recovery rating based on 80% thermal efficiency

### Dimensions

<table>
<thead>
<tr>
<th>Model</th>
<th>Units</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>J</th>
<th>K</th>
<th>L</th>
<th>M</th>
<th>Approx. Shipping Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>BCN375T754NV</td>
<td>Inches</td>
<td>62-1/16</td>
<td>58</td>
<td>29-1/2</td>
<td>25-1/4</td>
<td>15-7/8</td>
<td>4</td>
<td>15-1/4</td>
<td>16</td>
<td>2</td>
<td>1</td>
<td>1/2</td>
<td>12-1/2</td>
<td>285 lbs</td>
</tr>
<tr>
<td></td>
<td>CM</td>
<td>157.6</td>
<td>147.3</td>
<td>74.9</td>
<td>64.1</td>
<td>40.3</td>
<td>10.2</td>
<td>38.7</td>
<td>40.6</td>
<td>5.1</td>
<td>NPT</td>
<td>NPT</td>
<td>31.8</td>
<td>129.2 kg</td>
</tr>
<tr>
<td></td>
<td>CM</td>
<td>179.1</td>
<td>168.9</td>
<td>78.6</td>
<td>70.5</td>
<td>38.6</td>
<td>10.2</td>
<td>40</td>
<td>40.6</td>
<td>3.2</td>
<td>NPT</td>
<td>NPT</td>
<td>30.3</td>
<td>158.8 kg</td>
</tr>
</tbody>
</table>

**SPECIFICATION**

Water heater(s) shall be Model ________________ as manufactured by American Water Heaters or an approved equal. Water heater(s) shall be of glasslined design, equipped to burn __________ gas and design certified by UL. Heaters must meet all applicable energy codes and comply with ultra-low NOx emissions of 14 ng/j or 20 ppm. Heaters shall have an input rating of _____ BTU/H and a recovery capacity of _____ GPH at a temperature rise of 100°F with a storage capacity of _____ gallons. Heater shall have a working pressure of 150 psi. Heater(s) shall be provided with an automatic gas shutoff device and safety shutoff in event pilot flame is extinguished; a gas pressure regulator set for the type of gas supplied; an approved draft hood, and extruded anode rod rigidly supported for cathodic protection. A CSA Certified and ASME Rated T&P Relief Valve shall be furnished and installed by the manufacturer. The tank shall be foam insulated. The outer jacket shall have a baked enamel finish over a bonderized undercoating. Fully illustrated instruction manual. All internal surfaces of the heater(s) exposed to water shall be glasslined with an alkaline borosilicate composition that has been fused-to-steel by firing at a temperature range of 1400° to 1600°F. Heater tank shall have a six year limited tank and parts warranty against corrosion and tank failure due to sediment build-up as outlined in the written warranty. Heater(s) shall be design certified by UL. Operation of the heater in a closed system where thermal expansion has not been compensated for with a properly sized expansion tank will void the warranty.

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