Westinghouse

High Temperature High Efficiency Condensing Gas Tankless Water Heater

- 10 to 1 turndown ratio
- High temperature for sanitation
- Advanced modulating cascade control: CASCADE up to 18 UNITS
- High grade stainless steel heat exchanger
- 11.0 gallon @ 35°F Rise
- 8.5 gallon @ 45°F Rise
- Liquid propane or natural gas
- Eco-friendly and low NOx combustion system
- High altitude compliant: up to 10,000 ft. above sea level
- Up to .95 EF / .93 UEF

www.westinghousewaterheating.com
Normal operation even at fluctuating voltage due to low voltage running system.

The Eco Pre-mixed burner with high combustion efficiency & low CO & NOx emission.

Multiple safety functions Built in dual stage anti-freezing mechanism Switched-Mode Power Supply (SMPS) design

- Premium grade stainless steel

The highly advanced modulating system maintains a consistent water and comfortable temperature by 1 ° F of temperature increment

Enables automatic control of water quantity based on user’s customized temperature & offers the best hot water experience

- High quality stainless steel
- Low pressure drop
- High efficiency oval tube & fin

- High efficiency oval tube & fin

Commercial Applications
CASCADING

Cascade Up to 18 Units

MULTIFUNCTION CONTROL PANEL

Display
Setting/Current Temp
Rupture prevention
Current status

Current Status

Hot Water Temperature Control Button

Power ON/OFF

Customized Temperature Control
Advanced user friendly technology of FLOW CONTROL, FLOW SENSOR and heat capacity control makes DHW even more comfortable by maintaining constant temperature during usage

Heating Water Temperature Control Button

UP / DOWN Volume
Control/Setting for Space heating, Hot water, Timer, Temperature, vacant
## SPECIFICATIONS

<table>
<thead>
<tr>
<th>MODEL</th>
<th>WGRTCNG199 (NG) / WGRTCLP199 (LP)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Gas Input Rate</strong></td>
<td>Max 199,000 Btuh Min 19,900 Btuh</td>
</tr>
<tr>
<td><strong>UEF (Uniform Energy Factor)</strong></td>
<td>.93 UEF</td>
</tr>
<tr>
<td><strong>Max GPM Rating Bin / Max GPM</strong></td>
<td>High / 5.9</td>
</tr>
<tr>
<td><strong>Ratings not Certified by AHRI</strong></td>
<td>EF (Energy Factor) .95 EF</td>
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<tr>
<td><strong>Recovery Efficiency</strong></td>
<td>96%</td>
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<tr>
<td><strong>Hot Water Capacity</strong></td>
<td>35°F Rise 11.0 Gal. Per Minute 45°F Rise 8.5 Gal. Per Minute 77°F Rise 5.0 Gal. Per Minute</td>
</tr>
<tr>
<td><strong>Installation</strong></td>
<td>Indoor Wall Hung, Fully Condensing</td>
</tr>
<tr>
<td><strong>Flue System</strong></td>
<td>Sealed Combustion Direct Vent</td>
</tr>
<tr>
<td><strong>Vent</strong></td>
<td>2&quot; (50 ft), 3&quot; (100 ft) Schedule 40 PVC, CPVC, PP</td>
</tr>
<tr>
<td><strong>Orifice Size</strong></td>
<td>NG (Orifice/Needle) .374&quot; (9.5 mm) LP (Orifice/Needle) Consult Factory</td>
</tr>
<tr>
<td><strong>Gas Supply Pressure</strong></td>
<td>NG 3.5&quot; WC – 14&quot; WC LP 3.5&quot; WC – 14&quot; WC</td>
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<tr>
<td><strong>Manifold Pressure</strong></td>
<td>Min (3&quot;) NG: -0.05&quot; WC / LP: -0.10&quot; WC NG: -0.01&quot; WC / LP: -0.05&quot; WC Max (3&quot;) NG: -0.45&quot; WC / LP: -0.35&quot; WC NG: -0.11&quot; WC / LP: -0.06&quot; WC</td>
</tr>
<tr>
<td><strong>Power Supply</strong></td>
<td>Main Supply 120V 60Hz Maxpower Consumption 135W</td>
</tr>
<tr>
<td><strong>Ignition System</strong></td>
<td>Direct Electric Ignition / Automatic Flame Sensing</td>
</tr>
<tr>
<td><strong>Burner System</strong></td>
<td>Single Orifice Premixed Fuel Modulation Metal Fiber Infrared</td>
</tr>
<tr>
<td><strong>Gas Valve System</strong></td>
<td>Air Ratio Gas Valve</td>
</tr>
<tr>
<td><strong>Minimum Flow Rate</strong></td>
<td>0.5 GPM</td>
</tr>
<tr>
<td><strong>Internal Pipe Material</strong></td>
<td>Stainless Steel</td>
</tr>
<tr>
<td><strong>Dimensions (W x H x D)</strong></td>
<td>17.3&quot; X 27.6&quot; X 14.8&quot;</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
<td>88 lbs</td>
</tr>
<tr>
<td><strong>Heat Exchanger Water Capacity</strong></td>
<td>Under 2 Gallons</td>
</tr>
<tr>
<td><strong>Control Panel/Main Controller</strong></td>
<td>P-920C / GTH-9500C</td>
</tr>
<tr>
<td><strong>Water Pressure</strong></td>
<td>Max Hot Water 150 psi Min 15 psi</td>
</tr>
<tr>
<td><strong>Connection Sizes</strong></td>
<td>(Cold/Hot) Water inlet/Outlet 3/4&quot; NPT Gas Inlet 3/4&quot; NPT Condensate 1/2&quot; NPT</td>
</tr>
<tr>
<td><strong>Materials</strong></td>
<td>Cabinet Cold Rolled Carbon Steel Heat Exchange Primary Heat Exchanger: Stainless Steel Secondary Heat Exchanger: Stainless Steel</td>
</tr>
<tr>
<td><strong>Safety Devices</strong></td>
<td>Flame Rod, Burner Overheat Cut Off Device 302°F, Water Temperature High Limit Switch 190°F, Freeze Protection Ceramic Heater (Turns on at 41°F, Turns off at 59°F)</td>
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</tbody>
</table>

5 Year Limited Warranty

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