**Conquest® Semi-Instantaneous OUTDOOR CONDENSING WATER HEATER**

AquaPLEX® Storage Tank and Heat Exchanger (unlined duplex alloy) • 130 Gallon Tank

<table>
<thead>
<tr>
<th>MODEL ▼</th>
<th>INPUT BTU</th>
<th>Modulating</th>
<th>RECOVERY GPH (Thermal Efficiency) 70°F to 140°F</th>
<th>RECOVERY GPH (Thermal Efficiency) 40°F to 140°F</th>
<th>** GAS CONNECTION NPT</th>
<th>** VENT DIAMETER (ETL listed for longer vents with larger dia.)</th>
<th>OPERATING Weight (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>40 L 130A-GCMLW</td>
<td>399,000</td>
<td>Yes</td>
<td>657 (96%)</td>
<td>471 (98%)</td>
<td>3/4</td>
<td>4&quot; @ 125 eq. ft.</td>
<td>1800</td>
</tr>
<tr>
<td>50 L 130A-GCMLW</td>
<td>500,000</td>
<td>Yes</td>
<td>823 (96%)</td>
<td>588 (98%)</td>
<td>1</td>
<td>4&quot; @ 80 eq. ft.</td>
<td></td>
</tr>
<tr>
<td>60 L 130A-GCMLW</td>
<td>600,000</td>
<td>Yes</td>
<td>988 (96%)</td>
<td>699 (97%)</td>
<td>1</td>
<td>6&quot; @ 250 eq. ft.</td>
<td></td>
</tr>
<tr>
<td>70 L 130A-GCMLW</td>
<td>700,000</td>
<td>Yes</td>
<td>1152 (96%)</td>
<td>815 (97%)</td>
<td>1</td>
<td>6&quot; @ 250 eq. ft.</td>
<td></td>
</tr>
<tr>
<td>80 L 130A-GCMLW</td>
<td>800,000</td>
<td>Yes</td>
<td>1317 (96%)</td>
<td>932 (97%)</td>
<td>1</td>
<td>6&quot; @ 250 eq. ft.</td>
<td></td>
</tr>
</tbody>
</table>

① Recoveries and thermal efficiency based upon DOE 10 CFR 431 testing per ANSI Z21.10.3 @ 70°F to 140°F
② Recoveries and thermal efficiency based upon 40°F entering water temperature

Dimensions are in inches unless otherwise indicated

For standard and optional equipment, refer to form PV 9029

Empty weight is 720 pounds and shipping weight is 880 pounds (all models)

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**Standard Electrical Service**

120VAC, 1Ø, 60 Hz.

All models < 11 amps.

**Venting**

Use a Category IV, 6” PVC, CPVC or ETL, UL, ULC or CSA listed stainless steel or Centrotherm InnoFlue SW Polypropylene vent. Recommended vent termination for outdoor installation is a 5’ vertical rise connected directly to the vent connection, followed by an elbow pointed away from the heater, then a 45° elbow pointed down.

**Inlet Combustion Air Intake**

Combustion air enters around the perimeter of the Outdoor Air Intake and Cover. Air filtration media is located under the top cover.

**Gas Pressure - Natural**

Minimum inlet flow pressure 3.5” W.C. Maximum static pressure 14.0” W.C. For LP gas, refer to installation manual.

**Minimum Clearance from Combustibles**

Zero clearance from sides and rear, 24” from front, 15” from top. Can be installed directly on a combustible floor.

**Recommended Service Clearances**

18” from all sides. Check local and national codes for additional clearance requirements.

**Emissions**

All models < 20 ppm NOx.

** Do not size vent and gas line based only upon connection diameter at the appliance. Refer to installation manual for sizing requirements.