## Conquest® Semi-Instantaneous GAS CONDENSING WATER HEATER
AquaPLEX® Storage Tank and Heat Exchanger (duplex stainless steel) • 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>** 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-GCML</td>
<td>399,000</td>
<td>Yes</td>
<td>657 (96%)</td>
<td>3/4</td>
<td>4&quot; @ 125 eq. ft.</td>
<td>1800</td>
</tr>
<tr>
<td>50 L 130A-GCML</td>
<td>500,000</td>
<td>Yes</td>
<td>823 (96%)</td>
<td>1</td>
<td>4&quot; @ 80 eq. ft.</td>
<td></td>
</tr>
<tr>
<td>60 L 130A-GCML</td>
<td>600,000</td>
<td>Yes</td>
<td>988 (96%)</td>
<td>1</td>
<td>6&quot; @ 250 eq. ft.</td>
<td></td>
</tr>
<tr>
<td>70 L 130A-GCML</td>
<td>700,000</td>
<td>Yes</td>
<td>1152 (96%)</td>
<td>1</td>
<td>6&quot; @ 250 eq. ft.</td>
<td></td>
</tr>
<tr>
<td>80 L 130A-GCML</td>
<td>800,000</td>
<td>Yes</td>
<td>1317 (96%)</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 8293.
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 PVC, CPVC or ETL, UL, ULC or CSA listed stainless steel or Centrotherm InnoFlue SW Polypropylene vent.
Minimum vent length is 5 eq. feet.
Maximum vent length varies by model number and vent diameter.
Do not size vent based only upon connection diameter at the appliance.
Refer to installation manual for sizing requirements.

### Inlet Combustion Air Duct
Use PVC or galvanized pipe.
For model 40, up to 125 eq. ft. using 4" diameter pipe.
For model 50, up to 80 eq. ft. using 4" diameter pipe.
For models 60, 70 & 80, up to 250 eq. ft. using 6" pipe.
Longer lengths are ETL listed with larger diameters, refer to installation manual.

### 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.

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PVI reserves the right to change the design and specification without notice.