Features
- Quality Construction
  - Seamless Hydrastone cement lining provides long tank life
  - Plastic jacket will not rust, scratch or dent, and is maintenance free
  - No sacrificial anode rod required
- High Efficiency
  - 2” of polyurethane foam insulation reduces stand-by heat loss to maximize operating efficiency
- Warranty
  - 7 year non-protank warranty

High Performance and High Efficiency

Vaughn Thermal's storage tanks - available in a wide variety of sizes - are the ideal storage vessels for geothermal heating and cooling applications due to its unique construction and tailorable features. At the heart of every Vaughn water heater and storage tank is a superior, heavy-gauge steel storage vessel lined with specially formulated Hydrastone cement lining and non-ferrous solid copper fittings at all tank openings. This construction ensures a long lasting and energy efficient unit with no dissimilar metals and a unique immunity to poor water quality and extreme water temperatures. A unique combination cold water inlet and non-corrosive diffuser prevents incoming water from mixing too quickly in the tank, thus preventing turbulence and assuring the constant delivery of water at the desired temperature-whether heated or chilled-to the remainder of the geothermal system. Vaughn's geothermal storage tanks may be customized with large plumbing connections: 1.5", 2", and 3" are currently available, as are optional electric backup elements and side-mount all-copper finned heat exchangers. These options make the Vaughn storage tank the ideal choice for any hydronic geothermal system.

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Model</th>
<th>Storage Capacity (Gallons)</th>
<th>A (inches)</th>
<th>B (inches)</th>
<th>D (inches)</th>
<th>E (inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CVSM</td>
<td>60</td>
<td>33.75</td>
<td>25</td>
<td>47.875</td>
<td>50.75</td>
</tr>
<tr>
<td>CVSCS</td>
<td>80</td>
<td>33.75</td>
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<tr>
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<td>99</td>
<td>33.75</td>
<td>25</td>
<td>47.875</td>
<td>50.75</td>
</tr>
</tbody>
</table>

OPTIONS

- Custom primary-secondary connection sizes: specify 1.5", 2", or 3" (1.5" connection standard)
- Optional electric backup elements up to 3 kW
- Available: 1 or 2 relief-valve, all-copper heat exchangers, specify 3/4" single or double wall or 1" single wall only

About Vaughn

Headquartered in Massachusetts since 1961, Vaughn Thermal Corporation is the leading manufacturer of cement lined water heaters. The company produces electric, hybrid, indirect and solar water heaters for residential and commercial applications. Vaughn also designs and manufactures digital energy controllers and electronic devices used by electric utilities for load controlling water heaters.

For more information, please visit us on the web at: www.vaughncorp.com

Vaughn Product Line

- Residential Electric Water Heaters
- Hybrid Heat Pump Water Heaters
- Commercial Electric Water Heaters
- Indirect Water Heaters
- Solar Water Heaters
- Range Tanks
- Storage Tanks / Aqua Boosters
- Geothermal Tanks
- Sanding Tanks
- Off Peak Timers
- Digital Energy Controllers
- Electronic Controls

3/4" NPT 1.5" Project View Exit

1/2" NPT Hot In

3/4 NPT 1.5" Project View Exit

1/2" NPT Hot Out

3/4" Commercial Drain

Vaughn Water Heaters... The Difference is Clear

Built With You In Mind

High Efficiency • Superior Performance • Long Service Life

Vaughn Thermal Corporation

Water Heaters

Geothermal Storage Tanks

Available From 50 - 119 Gallon Capacities

Model D4

3/4" NPT 1.5" Hot In

1/2" NPT Hot Out

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