Geothermal Storage Tanks
Available From 50 - 119 Gallon Capacities

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-prorated tank 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 tanks 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.
Vaughn Water Heaters... The Difference is Clear

HEADQUARTERS AND ADJACENT 6MW SOLAR ARRAY

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

Committed to continuous improvement...
Continuing research results in product improvement; therefore specifications are subject to change without notice. For the most updated information, consult factory directly.

Vaughn Headquarters and Adjacent 6MW Solar Array

**SPECIFICATIONS**

<table>
<thead>
<tr>
<th>Model</th>
<th>Storage Capacity (Gallons)</th>
<th>A (inches)</th>
<th>B (inches)</th>
<th>C (inches)</th>
<th>D (inches)</th>
<th>E (inches)</th>
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<td>S50D4</td>
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<td>24</td>
<td>47.875</td>
<td>58.875</td>
<td>60.375</td>
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</tbody>
</table>

**OPTIONS**

- Custom primary/secondary connection size: specify 1.5", 2" or 3" (1.5" connections standard)
- Optional electric backup elements (up to 12kW)
- Available: 1 or 2 side-mount, all copper heat exchangers. Specify 3/4" (single or double wall) or 1" (single wall only)

Vaughn Product Line

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

About Vaughn

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MADE IN USA

26 Old Elm Street P.O. Box 5431 Salisbury, MA 01952-5431 Tel: (978) 462-6683 Fax: (978) 462-6497 www.vaughncorp.com