VAUGHN
a nudyne company

**Seamless HydraStone® lining provides long tank life**

**Plastic jacket will not rust, scratch or dent, and is maintenance free**

**No sacrificial anode rod**

**Highly efficient**

- 2" of non-CFC polyurethane foam insulation reduces stand-by heat loss
- 5-year non-prorated tank warranty

## Environmentally-Friendly and Customizable

Vaughn's Geothermal storage tanks are the ideal storage vessels for heating and cooling applications due to the unique construction and tailorable features. 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 combination cold water inlet and non-corrosive diffuser prevents incoming water from mixing too quickly in the tank. This helps prevent turbulence and ensures a continuous delivery of water at the desired temperature to the remainder of the geothermal system. Also optional are electric backup elements and side-mount, all-copper finned heat exchangers.

Intertek

MADE IN USA
BUY AMERICAN ACT COMPLIANT
CONTAINS IMPORTED COMPONENTS

## Geothermal Storage Tanks

Available in 50, 80, and 119 Gallon Capacities

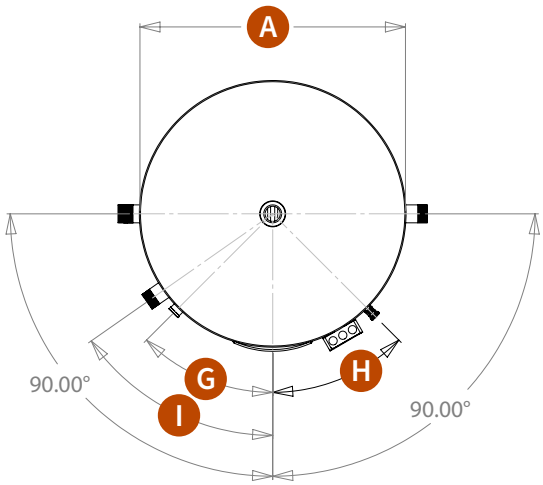
GEO

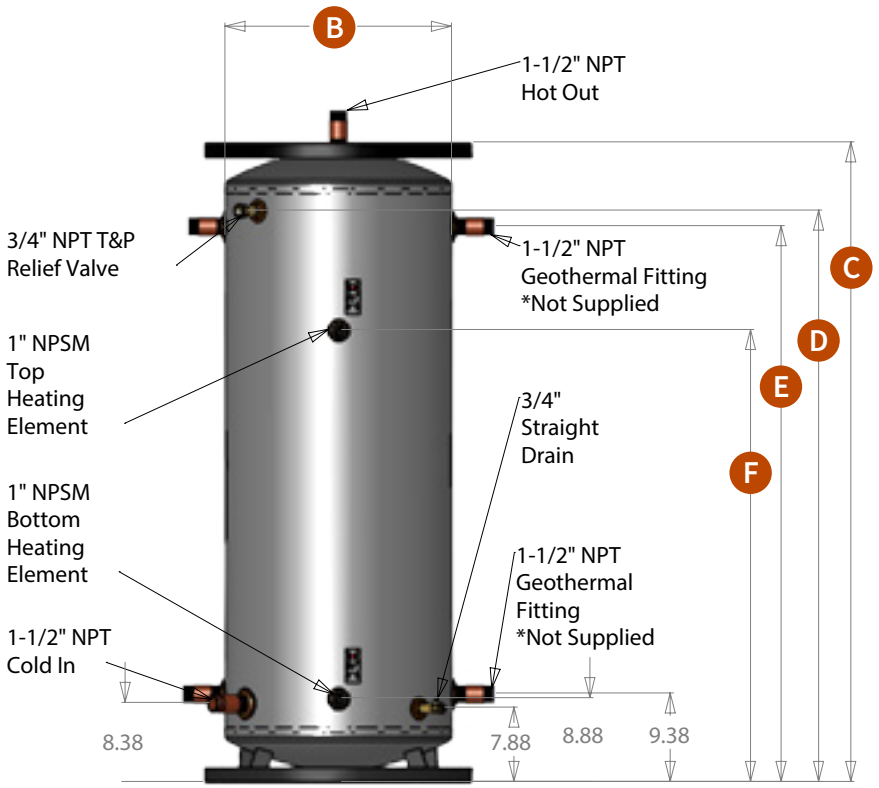



# HS

SERIES

978-462-6683
vaughncorp.com
sales@vaughncorp.com




## DIMENSIONS (in inches)

| Model | A | B | C | D | E | F | G | H | I |
|---|---|---|---|---|---|---|---|---|---|
| | Jacket Diameter | Tank Diameter | Height to Pan | Height to T&P Relief Valve | Height to Top Geother-mal Fitting | Height to Top Element | Angle of T&P Relief Valve | Angle of Drain | Angle of Cold In |
| **50D4** | 22.75 | 19 | 49.75 | 42.875 | 41.125 | 32.125 | 50 | 50 | 60 |
| **80D4** | 26 | 22 | 57.25 | 49.875 | 48.375 | 40.625 | 45 | 45 | 55 |
| **120D4** | 28 | 24 | 67.75 | 60.375 | 58.875 | 47.875 | 45 | 45 | 55 |

## OPTIONS

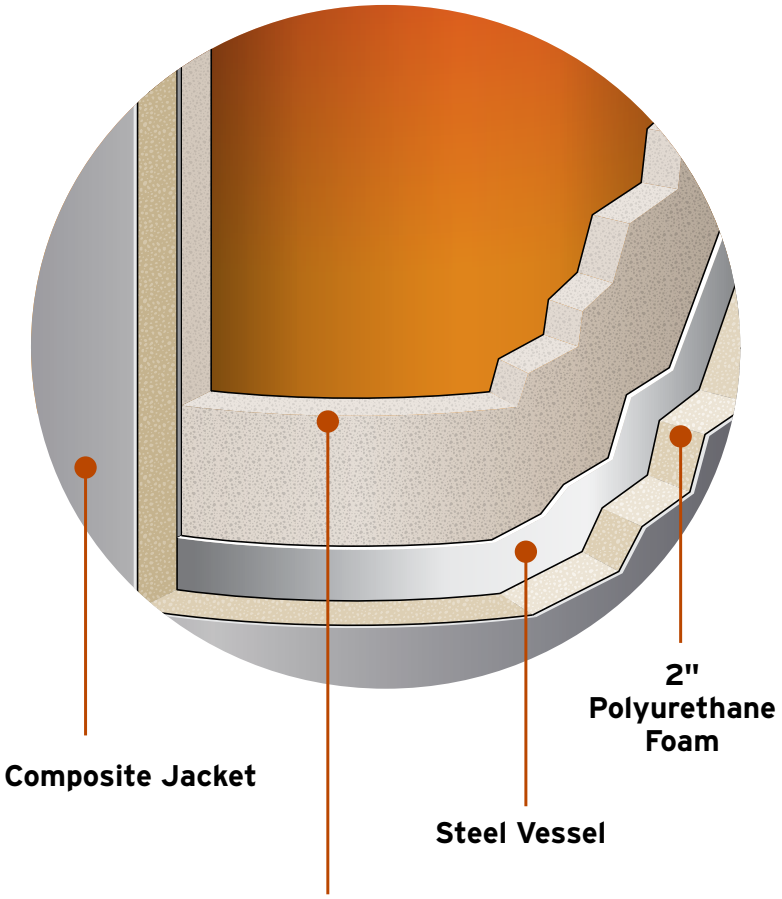
- Optional electric backup elements
- Available: 1 or 2 side-mount, all copper heat exchangers.
  Specify 3/4" (single or double wall) or 1" (single wall only)

# The Difference: HydraStone® Cement Lining

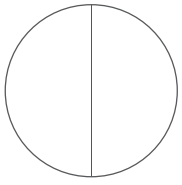
**Cement lined tanks offer significant longevity, trouble-free operation and a lower lifetime cost.**

**Our tanks are lined with a minimum of 1/2 inch high density HydraStone cement – 100 times thicker than glass lining.**

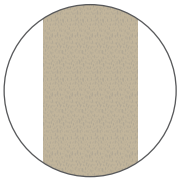
Full coverage is achieved by injecting the precise amount of HydraStone cement into each tank and then centrifugally spun to ensure complete and uniform coverage. This process provides maximum protection from the corrosive effects of hot water. Additionally, cement lined tanks do not require a sacrificial anode, eliminating periodic inspections and replacement costs associated with glass lined tanks.




**5/1000 inch glass lining** **VS** **1/2 inch HydraStone cement lining**



(actual size)



(actual size)



VAUGHN
a **nudyne** company

Vaughn is the leading manufacturer of HydraStone® (HS) lined and Featherweight (FW) Thermoplastic water heaters. We manufacture 30-120 gallon electric, hybrid, indirect, and solar water heaters for residential and commercial applications as well as energy controllers and electronic devices.

## To learn more, contact us

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