VAUGHN
a nudyne company

No sacrificial anode rod

Insulation: 2" of Polyurethane Foam

High Temp Tanks come in a Sanitizer Model and Dairy Model:

Sanitizer Model
Fully customizable digital controller with a high temperature setting of 194°

Digital readout on controller allows for easy confirmation and adjustment of tank temperature and differentials

Dairy Model
Special high temperature thermostats (up to 180°)

- Our HydraStone® lined, high temperature sanitizing tanks are designed for long life and are ideal for high moisture areas
- All plastic jackets protect heater and ensures years of reliable service in a high moisture environment
- Innovative Cold-Water Inlet & Diffuser, designed to reduce turbulence in the tank and facilitate tank stratification
- All bronze tappings contribute to long life of the tank
- Optional 4" gasketed Hand Hole Cleanout
- 5 year warranty non-pro-rated

High Temperature Tanks

High Temperature Tanks from Vaughn Thermal combine time-proven technologies with our HydraStone lining for the industry's longest lasting and most reliable high temperature water heater. The Sanitizer and Dairy High Temperature Tanks are equipped with low watt density elements, thereby reducing the potential problem of mineral build up.

Intertek

AHRI CERTIFIED

MADE IN USA
BUY AMERICAN ACT COMPLIANT
CONTAINS IMPORTED COMPONENTS

High Temperature Tanks (Sanitizer & Dairy)

Available in 80-119 Gallon Capacities

SD



Sanitizer

Dairy

HS SERIES

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

PRODUCT SPECIFICATIONS

Tank	HydraStone® Lined Steel
Capacities	80 to 119 Gallons
Orientation	Vertical
Voltages	120 thru 480 Volt
Phase	1 Phase
Inlet Size	3/4" Female NPT
Outlet Size	3/4" Male NPT
Drain Size	3/4" GHT
Relief Valve Size	3/4" Female NPT
Relief Valve Type	T&P, 210°F, 150 psi
Thermostat Range	110-194°F (Sanitizer) 110-180°F (Dairy)
Hi-Limit	200°F Manual Reset
Design TP	300 psi
Elements	Incoloy Sheathed
Insulation	2" Polyurethane Foam
Tank Warranty	5 Year Non Pro-Rated
Electrical Warranty	1 Year
Jacket	High Impact Colorized Composite
Finish	White with Black Trim

GENERAL SPECIFICATIONS

Tank: The Vaughn tank is welded heavy steel construction designed for 150 psi working pressure and tested to 300 psi. Each tank is centrifugally lined with 1/2” thick seamless high-density HydraStone with guaranteed 100% coverage of all steel surfaces. All tank openings are non-ferrous solid copper-silicon and are resistant to the corrosive effects of hot water.

Plumbing : 3/4" combination cold water inlet and drain, with non-corrosive strata flow diffuser which prevents incoming cold water from mixing too rapidly with the hot water in the tank and ensures delivery of more hot water. A 3/4” hot water outlet with a uniquely designed built-in heat trap prevents heated water from radiating through the piping during standby periods.

Electrical: Incoloy sheathed immersion heating elements with low watt density for prolonged life in 120, 208, 240, 277, 480-volt single phase. An adjustable surface thermostat operates in the 110-180°F range (Dairy).

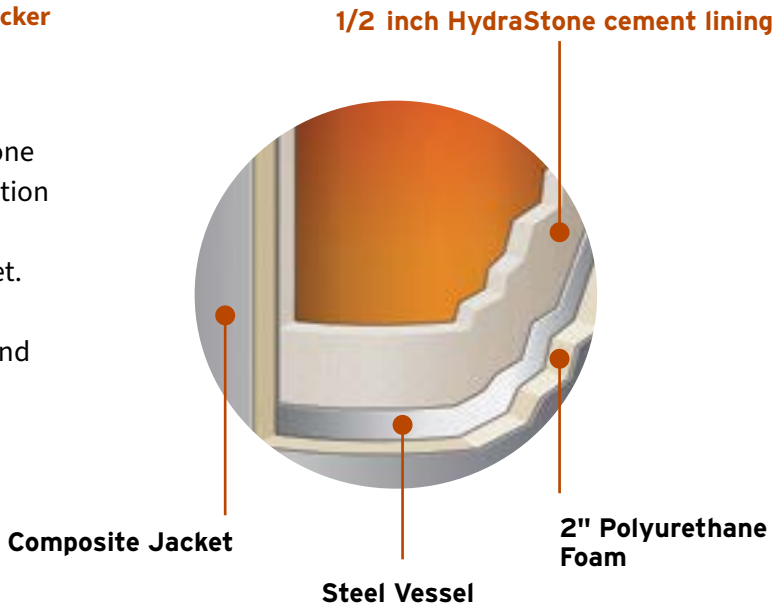
Insulation: Highly efficient thick non-CFC polyurethane foam insulation meets or exceeds the requirements of ANSI/ASHRAE/IESNA 90.1-2018 standards for energy efficiency and heat loss.

Jacket: The exterior protective jacket is constructed from high-impact composite material which cannot rust or corrode and is maintenance-free.

THE BENEFIT OF HYDRASTONE® LINED TANKS

1/2 inch high density HydraStone cement is 100 times thicker than a glass lining

Full and uniform coverage is achieved by centrifugally spinning the tank with the precise amount of HydraStone cement inside. This process provides maximum protection from the corrosive effects of hot water and makes our water heaters some of the longest lasting on the market. Additionally, **HydraStone lined tanks do not require a sacrificial anode**, eliminating periodic inspections and replacement costs associated with glass lined tanks.



TANK SPECIFICATIONS (SANITIZER MODEL)

MODEL	Storage Capacity (Gallons)	Height (inches)	Diameter (inches)	Shipping Weight (lbs.)
S80SD6060I	80	57.25	26	325
S120SD6060I	119	67.75	26	450

TANK SPECIFICATIONS (HAND HOLE DAIRY MODEL)

MODEL	Storage Capacity (Gallons)	Height (inches)	Diameter (inches)	Shipping Weight (lbs.)
S80HHD6060	80	57.25	26	325
S100THHD6060	100	67.5	26	410
S120HHD6060	119	67.75	28	450

Elements: 6000 Watt, 240 Volt, low watt density



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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