

# DOUBLE WALL



## Flammable Liquid Storage

### U.L.142 Aboveground Flammable Liquid Storage

VDW Double Wall Tanks are U.L.142 labeled and approved for "Aboveground Secondary Containment of Flammable Liquids" applications. VDW tanks are intended for installation and use in accordance with:

- FLAMMABLE AND COMBUSTIBLE LIQUIDS CODE-NFPA 30
- STANDARD FOR INSTALLATION OF OIL BURNING EQUIPMENT-NFPA 31
- AUTOMOTIVE AND MARINE SERVICE STATION CODE-NFPA 30A

Double-wall tanks have a primary containment storage compartment contained within an integrated external containment shell. The secondary tank contains 110% of the primary tank nominal capacity. This design forms an interstitial (annular) space, which allows monitoring of leakage from the primary tank to prevent environmental contamination or unsafe operating conditions. BH Tank can design and engineer any configuration or capacity vessel for vented storage of waste oil, solvents, antifreeze, diesel, and other liquid waste that requires secondary containment in accordance with UL 142. We offer a wide variety of accessory options and including monitors and controls.



**BH TANK**  
**INCORPORATED**  
A BlueScope Water Company

# SPECIFICATIONS • SIZES • ACCESSORIES

## STANDARD FEATURES

UL 142 VDW Tank
<ul style="list-style-type: none"> <li>- A gauge rod for manual monitoring of the secondary containment tank</li> <li>- A 4" threaded fill port with hinged inspection hatch</li> <li>- Two 4" threaded vent ports for emergency pressure relief vents on secondary and primary compartments</li> <li>- Two 2" FNPT fittings in primary compartment for normal vent and pump outlet</li> <li>- A 2" FNPT in secondary containment compartment for drain or monitor</li> <li>- Forklift channels (move empty only) and supports ( 1-1/2" above ground)</li> <li>- Exterior coatings of Industrial Primer with Heavy Duty Industrial Top-Coats. Standard colors are Red, White or Blue. Custom colors available</li> </ul>

## DOUBLE WALL SIZES

Model-Gallons	Dimensions	Weight
VDW-120	36" X 32" X 36"L	388
VDW-240	36" X 36" X 55"L	615
VDW-360	36" X 36" X 78"L	792
VDW-480	36" X 36" X 102"L	1,236
Other rectangular capacities and sizes available.		
Vertical & Horizontal Cylindrical Double Walls from 50 to over 10,000 gallons.		

## DOUBLE WALL ACCESSORIES

Description	Model#	Weight
UL VENT KIT	BHVK-010	60
4" Emergency Vent	BHEV-369	21
2" Free Vent & Extension	BHP2-027	12
2" Steel Plug	BHFV-401	3
Float-type Sight Gauge	BHSG-1313	15
Aluminum Suction Tube	BHSA-2190	15
5 Gal. Spill Box	BHSB-6105	25
10 Gal. Spill Box	BHSB-6110	45

## SPECIFICATIONS

- Fabricated, inspected and tested for leakage prior to shipment from the factory as completely assembled storage vessels. Normal and emergency venting are required to be in compliance with UL 142 Standards and are sold separately.
- Finished with a "Safety Red" industrial enamel topcoat for outdoor exposure and are forklift accessible for transporting when empty. Tanks are for stationary use only.
- Intended for installation and use in accordance with the Flammable and Combustible Liquids Code, NFPA 30; the Standard for Installation of Oil Burning Equipment, NFPA 31; and the Automotive and Marine Service Station Code, NFPA 30A. These requirements cover steel atmospheric tanks intended for aboveground storage of noncorrosive, stable flammable and combustible liquids that have a specific gravity not exceeding that of water.
- Secondary Containment Aboveground Tank for Flammable Liquids - A primary containment aboveground tank contained within a steel secondary containment shell forming an interstitial (annular) space, which is capable of being, monitored for leakage into the space from either the interior or exterior walls.

Besides our Standard Double Wall Tanks we also offer an array of storage solutions for chemical, mining, petroleum, and other industrial applications. BH Tank's certified welders specialize in carbon or stainless steel fabrication in accordance with API, AWWA, AWS, NFPA, FM and UL standards. Our project management teams are trained to work effectively with certified inspection services to guarantee conformance to structural design, weldment and coating specifications.

