

# Outdoor Thermal-Stor™

OUTDOOR HEAT PUMP  
STORAGE TANK

INDUSTRY LEADING STRATIFICATION

- 95% DRAWDOWN
- PATENT PENDING STRATIFYING BAFFLE

FOUR SIZES FROM 250 - 850 GALLONS

ASME SECTION IV CONSTRUCTION

TEN YEAR LIMITED WARRANTY

R22 INSULATION

SEISMIC RATED  
(CONDITION 5 GROUND INSTALLATION)



DESIGNED ★ ENGINEERED ★ ASSEMBLED

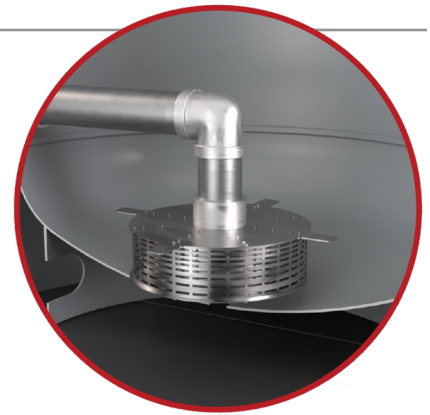
**USA**



**Lochinvar®**  
HIGH EFFICIENCY BOILERS & WATER HEATERS

## HEAT PUMP STORAGE TANK DIMENSIONS AND SPECIFICATIONS

The Lochinvar Thermal-Stor™ heat pump storage tank is optimized for efficiently storing thermal energy from Domestic Hot Water (DHW) applications requiring long duration recovery periods. Thermal-Stor tanks are designed to take full advantage of single pass systems by reducing turbulence of incoming water that would disrupt hot water volume with Lochinvar's patent pending stratifying baffle. Heat pump systems integrated with Thermal-Stor tanks deliver an industry leading drawdown of 95%, ensuring continual hot water supply. An impressive R22 insulation value helps retain the efficiently produced heat until it is demanded by the system.



Patent pending baffle design.

Model Number	Rated Capacity (Gal)	A	B	C	D	Shipping Weight
HP250-0	250	97-1/2"	38"	17-1/2"	92"	1,180
HP500-0	450	98"	50"	20-1/2"	92"	1,726
HP750-0	650	136"	50"	22-3/4"	130-1/4"	1,726
HP1000-0	850	137"	56"	24-3/4"	131-1/4"	3,458

\*Note: Standard Construction Only - Options not available.

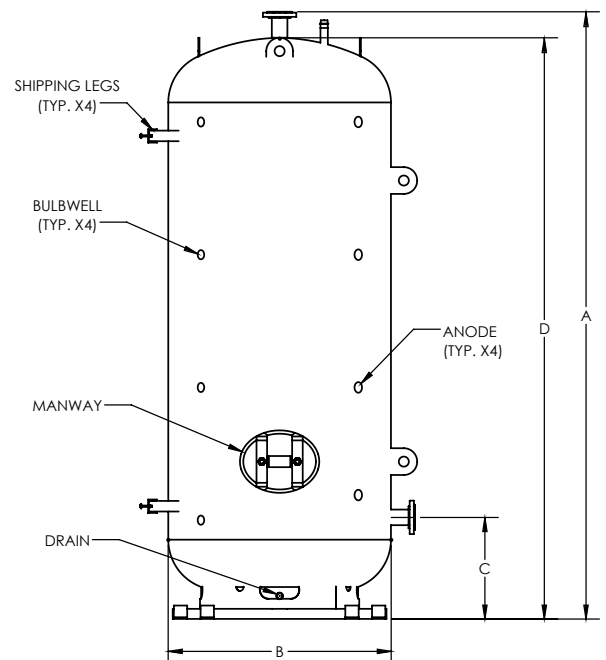
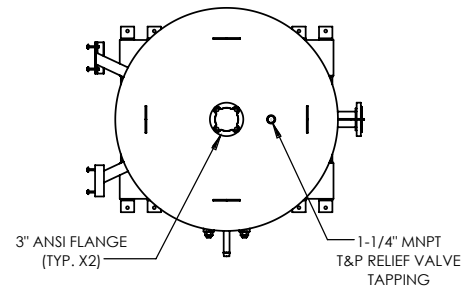
### STANDARD FEATURES

- Patent pending baffle design
- Industry leading water stratification
- 95% Drawdown
- Single Pass application
- 125 PSI Working Pressure
- 12"x16" Manway
- Glass Lining
- R22 Insulation
- 3" Flanged Connections
- Lifting Lugs
- Ten-Year Limited Warranty (See warranty for details)



For more information visit: <https://www.youtube.com/watch?v=rtPvyD0ZdLA>

For technical information call 800-722-2101. Lochinvar, LLC reserves the right to make product changes or improvements without prior notice.



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