



WATER STORAGE VESSELS JACKETED & INSULATED TANKS



- Glass Lined Steel Tank – Glass lining is applied to the interior surface of the steel providing a tough wear resistant lining which minimizes the effects of high temperature hot water.
- Designed for 180° F.
- Sturdy Steel Jacket – Heavy gauge steel jacket.
- 2" High Density Foam Insulation – Minimizes heat loss with an R value of 12.5.
- Magnesium Anode Rod – for protection and longer service life.
- Two ¾" Aquastat NPT Fittings – Located in the lower and upper part of the tank.
- All Tanks are constructed and Certified – In accordance with ASME IV, Part HLW for 125 PSI (862 kPa).
- Five Year Limited Warranty on Steel Tank – Provide warranty protection against tank failure resulting from defects in materials and workmanship.
- Ten Year Limited Warranty on Steel Tank (with double glass lining) – Provide superior warranty protection against tank failure. Double glass lining is not an inventory item, built upon request.

5-Year Limited Tank Warranties/5-Year Limited Warranty on Component Parts

For more information on warranty, please call Solar Skies Mfg., LLC

For products installed in USA, Canada and Puerto Rico; some states do not allow limitations on warranties. See complete copy of the warranty included with the heater

Water Storage Vessels – Jacketed & Insulated Tanks

Solar Skies Mfg, LLC

106 Donovan Drive • Alexandria, MN 56308 • Ph 320-762-1151 Fax 320-762-1460

Vertical Storage Tanks

Meet or exceed ASHRAE 90.1b (current standard)

Part #	Nominal Gal. Cap.	Actual Gal. Cap.	Vert. Height	Horiz Height	"L"	"D"	Base Clearance	"H"	Dia.	Tapping A	Tapping B	Tapping C	Weight @125#
916-035	193	175	71"	41"	67"	18"	2"	19.5'	34"	2.5"	1"	3"	438
916-036	229	210	83	41	79	24	2	20	34	2.5	1	3	493
916-037	260	240	93	41	89	29	2	20	34	2.5	1	3	539
916-038	303	280	107	41	103	36	2	20	34	2.5	1	3	603
916-039	340	320	119	41	115	42	2	20	34	2.5	1	3	658
916-040	318	285	80"	47"	76"	21"	2"	21"	40"	2.5"	1"	3"	667
916-041	344	310	86	47	82	24	2	21	40	2.5	1	3	710
916-042	375	340	93	47	89	28	2	21	40	2.5	1	3	760
916-043	397	360	98	47	94	30	2	21	40	2.5	1	3	796
916-044	449	415	110	47	106	36	2	21	40	2.5	1	3	881
916-045	502	465	122	47	118	42	2	21	40	2.5	1	3	967
916-046	555	515	134	47	130	48	2	21	40	2.5	1	3	1053
916-047	486	435	89"	53"	85"	24"	2"	22.5'	46"	3"	1"	3"	917
916-048	504	453	92	53	88	26	2	23	46	3	1	3	942
916-049	558	505	101	53	97	30	2	23	46	3	1	3	1017
916-050	630	575	113	53	109	36	2	23	46	3	1	3	1117
916-051	702	645	125	53	121	42	2	23	46	3	1	3	1217
916-052	774	720	137	53	133	48	2	23	46	3	1	3	1317
916-053	846	790	147	53	143	53	2	23	46	3	1	3	1400
916-054	572	500	81"	59"	77"	18.5"	2"	24"	52"	3"	1"	3"	1176
916-055	658	580	92	59	88	24	2	24	52	3	1	3	1310
916-056	752	675	104	59	100	30	2	24	52	3	1	3	1456
916-057	846	765	116	59	112	36	2	24	52	3	1	3	1602
916-058	940	840	128	59	124	42	2	24	52	3	1	3	1748
916-059	1128	1040	149	59	145	53	2	24	52	3	1	3	2003

W-H-196 Test = 7.0 - 8.0 mg/in²

The W-H-196 Test is required for water heaters sold to the U.S. Government. The test consists of exposing the enamel to a boiling (212 F) 4/10% solution of Sodium Bicarbonate for eight (8), eighteen (18) hour cycles. Maximum weight loss after eight cycles is not to exceed 15 mg/in².

PEI T-21 Spot Acid Test = Class A

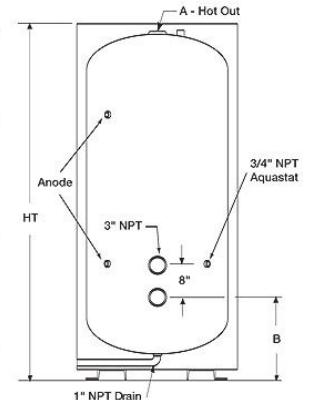
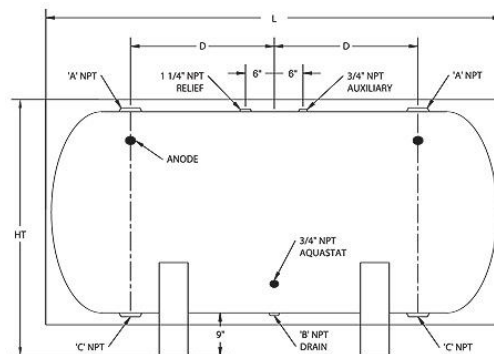
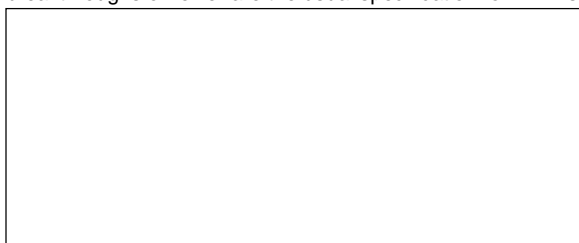
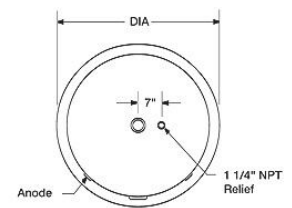
PEI T-21 Spot Acid Test is used to determine enamel resistance to acids. The test area is examined for visible effects on the enamel and is graded from Class AA (no sign of etching) to Class D (etched surface).

Impact resistance = Class 4 to 5

The Impact Resistance Test is used to determine the adhesive qualities of enamel to the substrate. The enamel is graded from Class 1 (worst) to Class 5 (best), fractured glass adhering solidly to the impact area. Class 3 is acceptable.

Hi-Pot Test Less than 20

The HYPO Test is a measurement of the continuity of the glass coating (Spark Test). Fifty (50) breakthroughs or fewer are the usual specification for HWT's.



**Not Available below 240 gallons