



Glass-Lined Storage Tanks

NAS2000 ASME Listed Series

Submittal Data Sheet - Issue Date 04/2011

Application

Storage tanks are designed to be used for solar and geothermal storage, plus in heating systems with low-mass boilers, chilled water systems and low-mass radiation. Storage tanks are used in systems operating below the design load condition, which is most of the time, or in systems having several low cooling or heating loads demands at different times. Boilers operating at low loads will short cycle, resulting in reduced operating efficiency and shorter equipment life. When piped correctly, the storage tanks will serve as both a thermal buffer and a thermal storage.

Designed and built in accordance with Section VIII, Division 1 of the ASME Boiler and Pressure Vessel Code and CSA B51-9 Part 1. Registered with the National Board of Boiler and Pressure Vessel Inspectors.

Meets and exceeds CSA C309 and NFS / ANSI

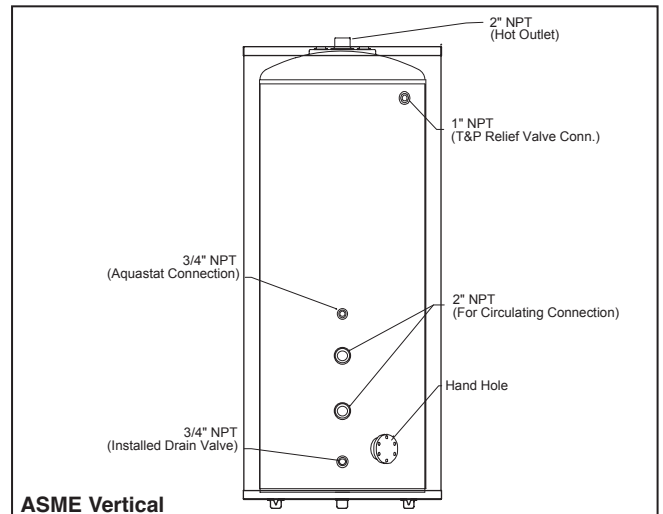
ASME Vertical Technical Data

Tank materials: internal porcelain coated steel
 Tank external cover: spray coated gray steel (20-24 ga.)
 Tank insulation: 2" non-CFC foam
 Insulation thermal conductivity: R16
 Hand-Hole Cleanout: (200 & 250 gal) 4" x 5"
 (350 gal & >) 11" x 14"
 Connections: top (2) 3/4" NPT female
 top (1) 2" NPT female
 side (2) 2" NPT female
 side (1) 1" NPT female
 side (2) 3/4" NPT female
 Maximum working pressure: 150 psi
 Testing pressure: 300 psi
 Maximum tank temperature: 32° - 250°F
 Recommended max. delivery temperature: 120°F

ASME Horizontal Technical Data

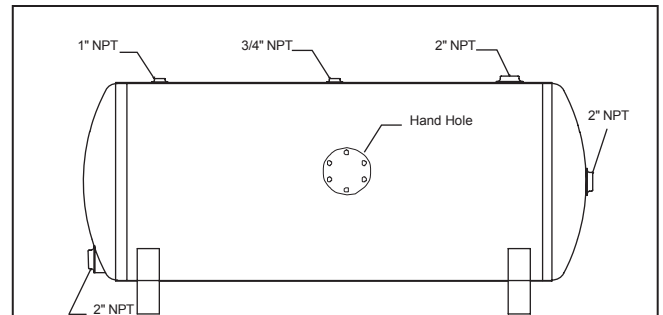
Tank materials: internal porcelain coated steel
 Tank coating: spray painted gray
 Connection: top (1) 3/4" NPT female
 top (1) 1" NPT female
 top (1) 2" NPT female
 side (2) 2" NPT female
 Hand-Hole Cleanout: (200 gal.) 4" x 5"
 (350 gal. & >) 11" x 14"
 Maximum working pressure: 150 psi
 Testing pressure: 300 psi
 Maximum tank temperature: 32° - 250°F
 Recommended max. delivery temperature: 120°F

Specification



ASME Vertical

Model	Storage (gal)	Overall Diameter	Overall Height/Length	Shipping Weight (lbs.)
NAS2200-VT	200	34"	80"	872
NAS2250-VT	250	36"	87"	950
NAS2350-VT	350	40"	92"	1225
NAS2400-VT	400	44"	86"	1345
NAS2500-VT	500	46"	88"	1585



ASME Horizontal

Model	Storage (gal)	Overall Diameter	Overall Height/Length	Shipping Weight (lbs.)
NAS2200-HZ	200	30"	77"	730
NAS2350-HZ	350	36"	88"	1223
NAS2400-HZ	400	36"	92"	1342
NAS2500-HZ	500	42"	88"	1580
NAS2750-HZ	750	48"	105"	2370
NAS21000-HZ	1000	48"	138"	3160

Job name: _____
 Job location: _____
 Engineer: _____
 Mechanical contractor: _____
 Contractor's P.O. No. _____
 Representative _____

Size _____
 Quantity _____
 Approval _____
 Service _____
 Tag No. _____
 Notes _____

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