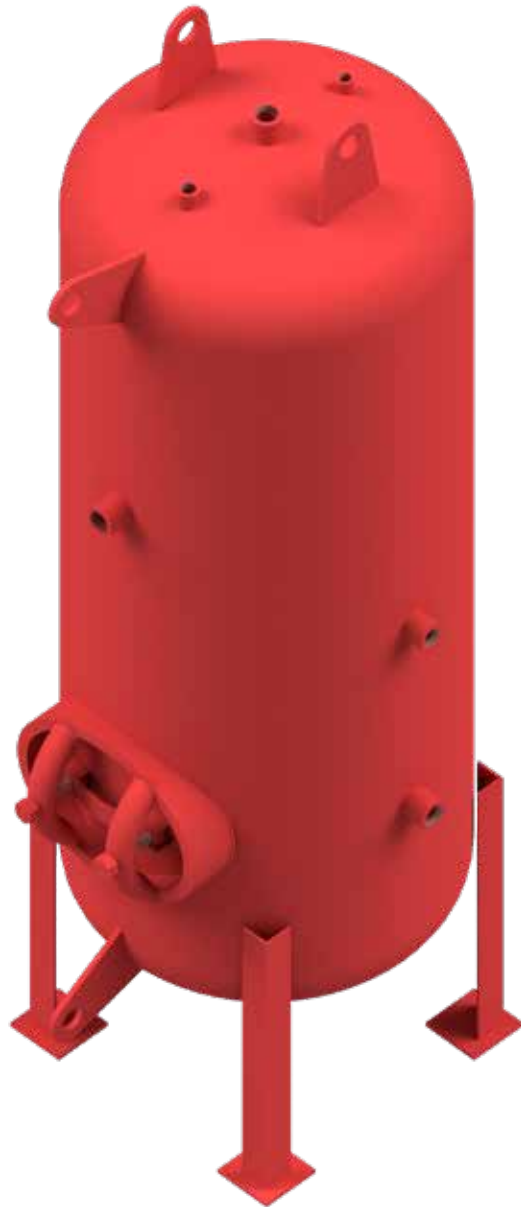


STORAGE TANKS

For Domestic Water Systems



UP TO 150 PSIG / 250 °F
STORAGE TO 1,000 GALLONS

RECO
USA
The Water Heater and Pressure Vessel Experts

ST2[®] SERIES STORAGE TANKS

Our **ST2** storage tanks are designed for storing potable water. They are carbon steel vessels with an interior lining to prevent corrosion at higher temperatures. This is a more economical approach than using a higher-grade alloy, such as stainless steel or Cu-Ni, without a lining.

ST2 tank linings offer the following advantages:

- **Linings** - We use PreKrete[®] cement lining, which is an NSF Standard 61 certified material that was specifically developed to protect steel surfaces from the corrosive effects of hard or soft water at higher temperatures. It provides excellent protection and is fully field repairable.

We typically avoid glass linings, as they require a sacrificial anode for corrosion protection and must be handled with extreme care as they are very fragile and not field repairable.

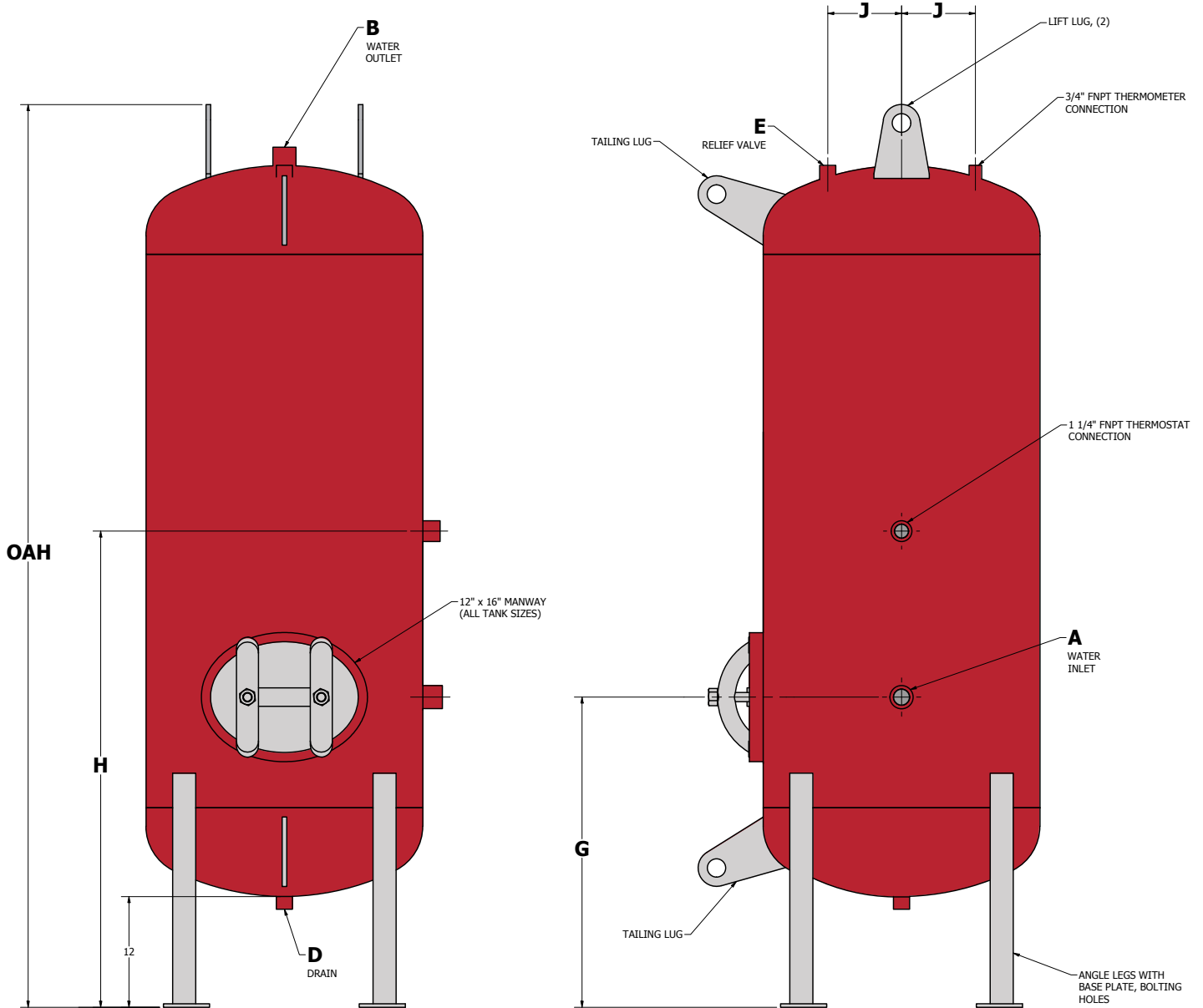
All **ST2** storage tanks are available in vertical and horizontal (not shown) configurations with capacities to 1,000 gallons. Each **ST2** tank includes separate connections for a relief valve, temperature sensor, spare instrumentation, and drain as standard. A 12" x 16" manway is included with each tank as well.

Optional connections, coatings, and exterior tank insulation are also available. For hot water storage tanks, exterior insulation is a cost-effective way to reduce energy consumption while maintaining the desired temperature with minimal heat losses.

KEY FEATURES

- Materials ASTM SA-516-70 carbon steel tanks as standard.
- Specifications Designed to ASME B & PV Code, Section VIII, Division I.
- Ratings 150 PSIG max design pressure, 250 °F max design temperature.
- Connections All connections over 2½" are ANSI 150 lb. RFSO flanges.
- Interiors Cleaned to SSPC-SP 3 with NSF 61 compliant lining.
- Exteriors Sandblasted per SSPC-SP 6 and coated with a red oxide primer.
- Orientation Vertically mounted with (4) support legs.
Horizontally mounted with (2) support saddles.

STANDARD DIMENSIONS



Capacity (Gals.)	A & B	D	E	G	H	J	OAH	Nominal Tank Size	Unlined Weight (Lbs.)	Lined Weight (Lbs.)
200	1 1/2" FNPT	1" FNPT	1" FNPT	33 5/8"	51 5/8"	8"	97 7/8"	30" x 60"	697	1,107
300	1 1/2" FNPT	1" FNPT	1" FNPT	33 5/8"	69 5/8"	8"	133 7/8"	30" x 96"	949	1,535
400	1 1/2" FNPT	1 1/2" FNPT	1 1/2" FNPT	36 5/8"	51 5/8"	10"	97 3/16"	42" x 54"	1,053	1,646
500	1 1/2" FNPT	1 1/2" FNPT	1 1/2" FNPT	36 5/8"	60 5/8"	10"	115 3/16"	42" x 72"	1,230	1,948
600	1 1/2" FNPT	1 1/2" FNPT	1 1/2" FNPT	36 5/8"	69 5/8"	10"	133 3/16"	42" x 90"	1,407	2,250
800	2" FNPT	2" FNPT	1 1/2" FNPT	38 5/8"	71 3/16"	12"	136 1/2"	48" x 90"	1,881	2,878
1000	2" FNPT	2" FNPT	1 1/2" FNPT	38 5/8"	86 3/16"	12"	166 1/2"	48" x 120"	2,302	3,537

We Are RECO USA: The Water Heater and Pressure Vessel Experts



For over a century the RECO USA name has meant quality. Today we are recognized as one of the country's leading suppliers of water heaters and pressure vessels for the commercial, institutional, industrial, pulp and paper, oil and gas, power generation and chemical industries.

In fact, it is hard to find an industry, market, or application today that doesn't rely on the quality, safety, and convenience that RECO USA brings to their most critical services and processes.

To learn more, contact us or any one of our North American sales representatives.

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