



ST Storage Tanks

for domestic hot water

Description

RECO Commercial Systems' ST storage tanks are designed for storing potable water. Standard tanks are carbon steel vessels with an interior lining to prevent corrosion at higher temperatures. The lining is a 5/8" layer of cement, manufactured from NSF certified materials. It provides excellent, long-term protection and is fully field repairable. Unlike glass linings, which are not field repairable, a sacrificial anode for corrosion protection is not required. All tank openings are non-ferrous metals (usually 304 stainless steel or copper-nickel) and are resistant to the corrosive effects of hot water.

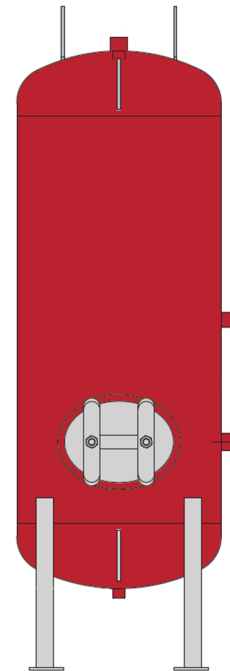
RECO can build a storage tank to suit any demand, water type, or area classification. When you specify and install a RECO storage tank, you will have confidence in knowing that the owner will be provided with a long lasting, trouble-free source of hot water.

General

- Welded carbon steel vessel designed and built-in strict accordance with the ASME Code Section VIII and stamped, certified, and registered with the National Board of Boiler and Pressure Vessel Inspectors.
- All internal tank surfaces are lined with a minimum 5/8" thick cement for superior protection and tank longevity.
- Complies with NSF/ANSI 61 Annex G, NSF/ANSI 372 and conforms with lead content requirements for "lead-free" plumbing as defined in the U.S. Safe Drinking Water Act.
- Heavy duty insulation and jacketing available for maximum operating efficiency and minimal stand-by heat loss.
- Standard full five (5) year tank warranty. Optional extended warranties.

Applications

- Schools
- Office Buildings
- Sports Venues
- Hotels
- Industrial Facilities
- Nursing Homes
- Hospitals
- Heat Recovery Systems



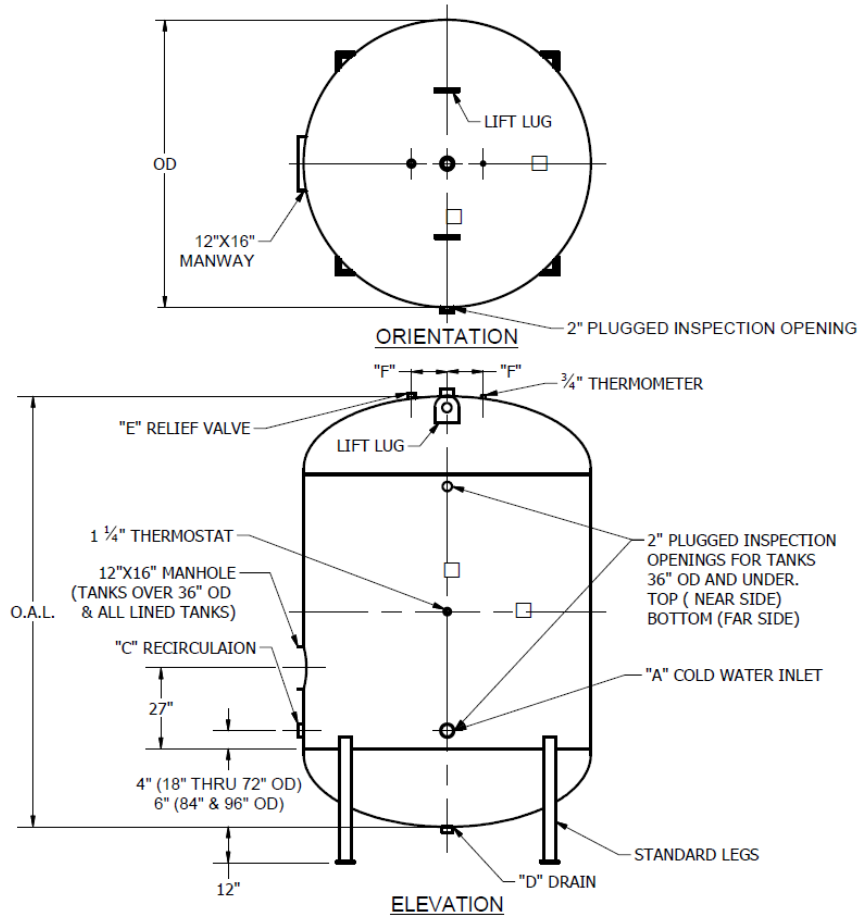
Model	ST = Storage Tank	ST
Orientation	V = Vertical H = Horizontal	V
Rating (vessel)	125 = ASME 125 150 = ASME 300	125
Diameter (vessel)	Inches	48
Height/Length (vessel)	Inches	72
Vessel Lining/Material	CM = cement lined SS = Stainless steel DS = Duplex	CM

Example

STV125-48072CM

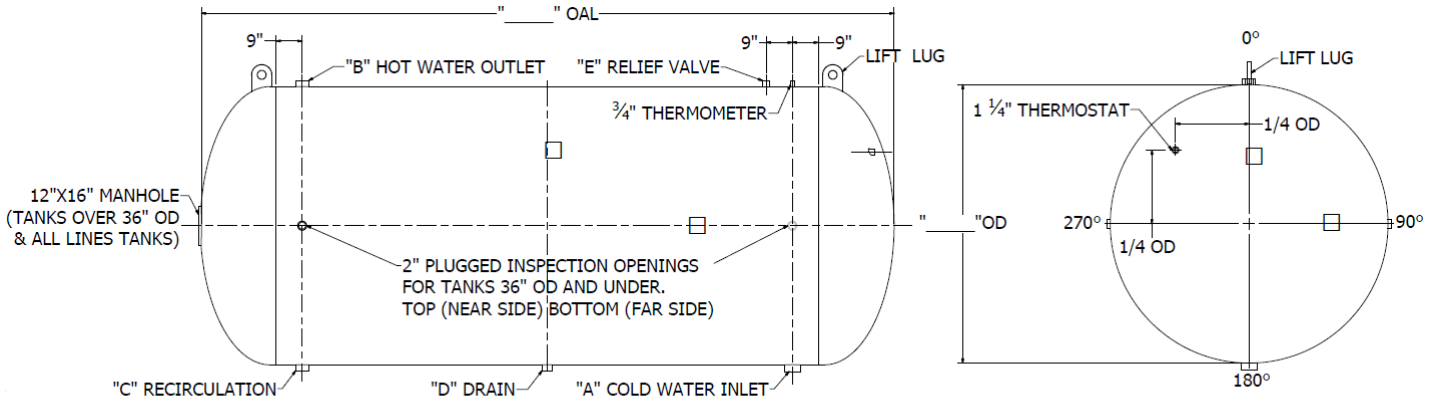
Storage Tank, Vertical, ASME 125, 48" OD x 72" OAH carbon steel vessel, cement lined.

Note: All optional equipment for a water heater must be called out in the written specifications. A model number in and of itself does not reflect any optional equipment selected. Optional equipment may impact overall dimensions and weight. Please request submittal drawing from factory.



Capacity (gallons)		Connections/Dimensions (NPTF/Inches)				Vessel (Dia. x Height) (inches)	Weight (approx.) (lb)
Actual	Nominal	A/B/C	D	E	F		
250	285	1.5	1.5	1.5	8	36 x 64	1,022
300	345	1.5	1.5	1.5	8	36 x 78	1,213
350	370	1.5	1.5	1.5	8	36 x 84	1,169
400	450	1.5	1.5	1.5	12	42 x 75	1,356
450	500	1.5	1.5	1.5	12	42 x 83	1,484
500	565	2	2	1.5	12	48 x 72	1,479
550	620	2	2	1.5	12	48 x 79	1,607
600	665	2	2	1.5	12	48 x 85	1,717
800	850	2	2	1.5	12	48 x 109	2,155
1000	1060	2	2	1.5	12	48 x 135	2,648
1500	1625	2	2	1.5	12	54 x 164	4,030
2000	2145	2	2	1.5	12	60 x 175	4,754
3000	3300	2.5	2.5	1.5	12	72 x 187	6,657

Note - All dimensions are approximate and subject to change. Please reference the submittal drawing for actual dimensions. The tank selections above are shown for convenience. A full selection of storage capacities is available from the factory.



ELEVATION

ORIENTATION

Capacity (gallons)		Connections/Dimensions (NPTF/Inches)			Vessel (Dia. x Length) (inches)	Weight (approx.) (lb)
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