

T-Max™ Storage Tanks

Applications

Orenco® T-Max™ Storage Tanks can be configured for a number of standard and custom applications. Multiple chambers, pumping systems, built-in pump controls, and various filtration systems can be specified. T-Max models are available for volumes from 300 to 15,000 gallons (1 m³ to 57 m³). T-Max Liquid Storage Tanks are ideal for :

- Potable and non-potable water storage
- Wastewater storage and settling
- Sewage storage and primary treatment
- Sludge storage
- Chemical storage
- Above-ground or below-ground installation
- Mobile or permanent sites
- Extreme hot or cold climates
- Remote locations

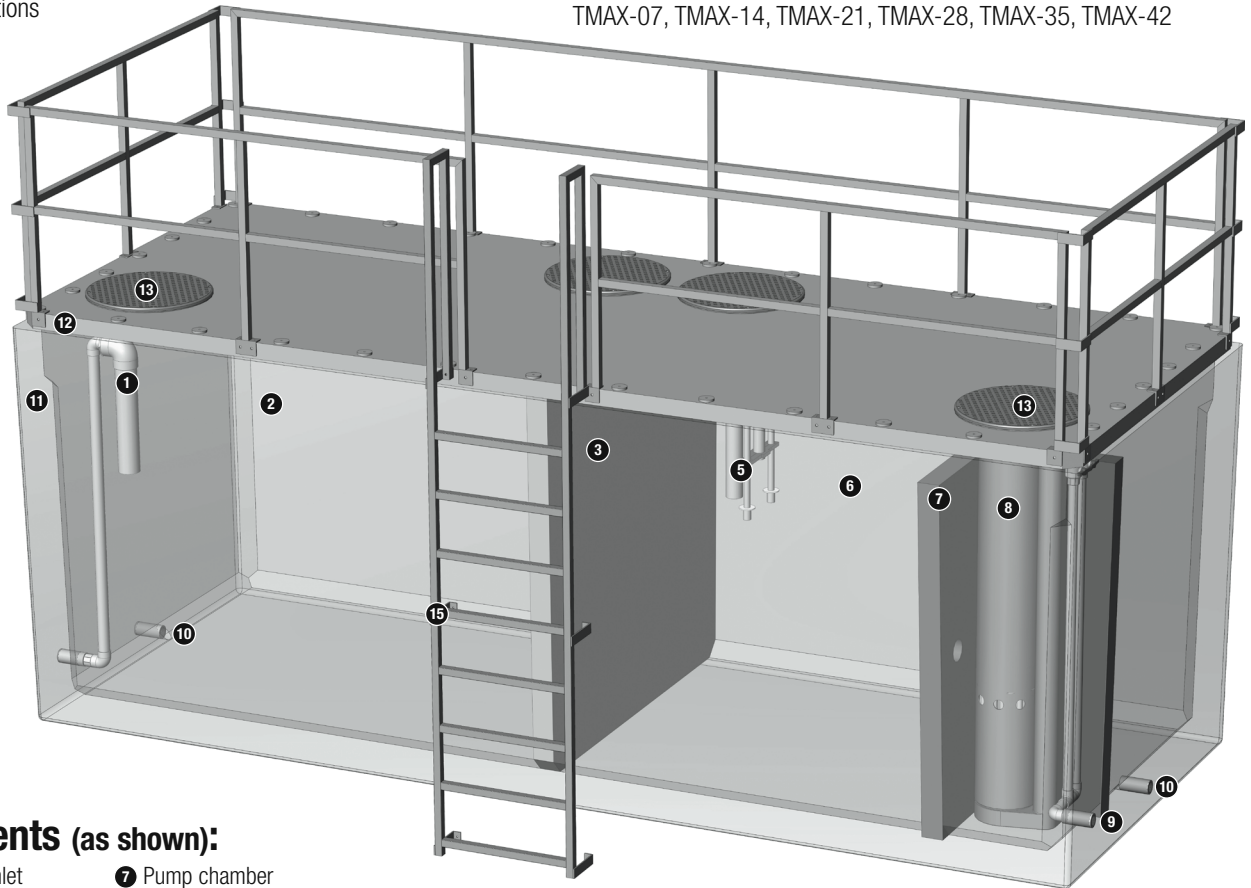
General

T-Max Storage Tanks are corrosion-free, watertight, modular storage tanks that are fully customizable. They are constructed of fiberglass, vacuum-molded in a single piece for watertightness. Walls are 4-inch (100-mm) foam-core fiberglass with an R-26 insulation value (R-5 SI), so T-Max tanks can maintain interior temperatures in climatic conditions of -60° to 125° F (-51° to 51° C). Internal tank coatings are available to allow potable water storage or provide additional chemical resistance. Custom exterior tank colors and signage are also available.

T-Max tanks can be transported by rail, truck, cargo container, or aircraft to local or remote locations for permanent or temporary installation, above-ground or below-ground. Safety railings and integrated operator control rooms are options for T-Max tanks that are installed above-grade.

Standard Models

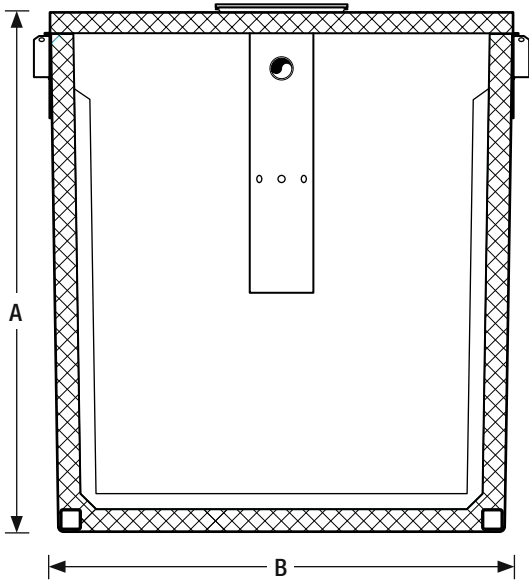
TMAX-07, TMAX-14, TMAX-21, TMAX-28, TMAX-35, TMAX-42



Components (as shown):

- | | | |
|----------------------------|----------------------|---------------|
| ① Pressurized inlet | ⑦ Pump chamber | ⑬ Access lids |
| ② Tank chamber #1 | ⑧ Pump vault | ⑭ Railing |
| ③ Divider wall | ⑨ Pressurized outlet | ⑮ Ladder |
| ④ Pass-through (not shown) | ⑩ Tank drain | |
| ⑤ Aeration unit | ⑪ Tank wall | |
| ⑥ Tank chamber #2 | ⑫ Tank lid | |

Orenco® T-Max™ Storage Tank, 21-foot (6.4 meter) unit shown with standard access lids, optional three-chamber construction, optional pressurized inlet and outlet locations, optional aeration and filtration/pumping units, and an optional ladder and safety railing.



T-Max Storage Tank, 21-foot (6.4 meter), showing access lid, lifting brackets, and optional Biotube® effluent filter (end cutaway view).

Materials of Construction

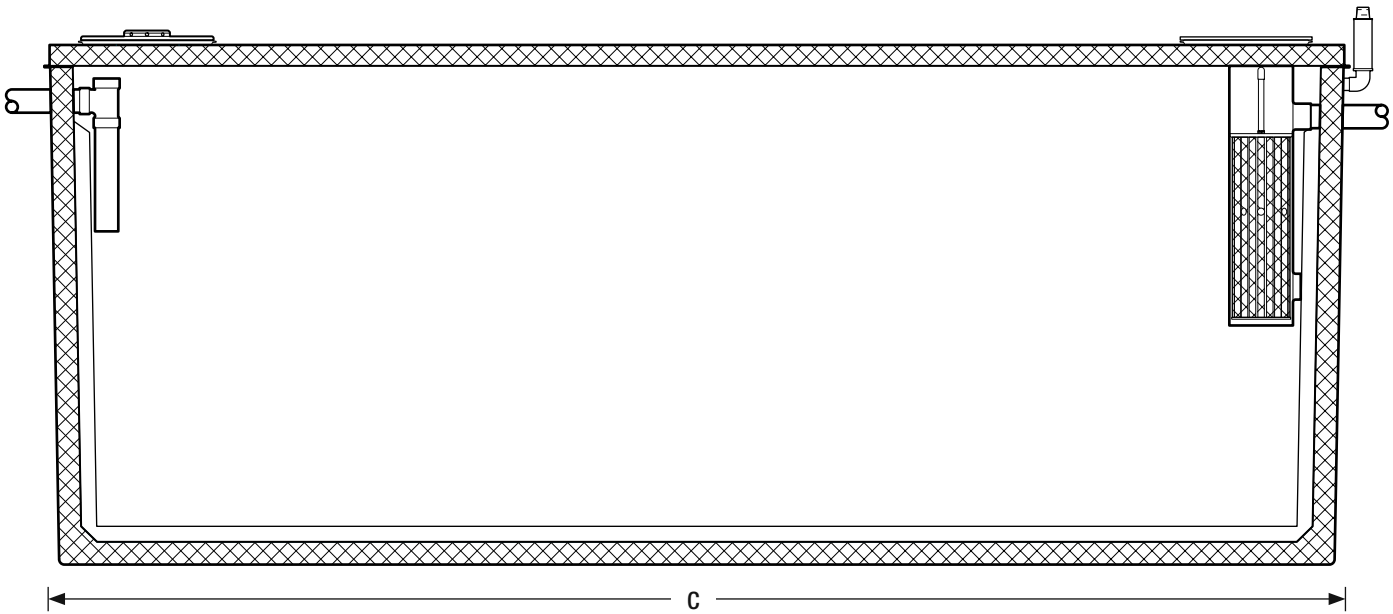
Walls/floor/tank lid	Infused foam core/fiberglass laminate
Access lids	Fiberglass reinforced polyester
Lifting brackets	Steel
Exterior Coating	UV-resistant gel coat

Specifications

Nominal Dimensions*

Model	A, ft (m)	B, ft (m)	C, ft (m)	Volume, gal. (m ³)**
TMAX-07	8.0 (2.4)	7.5 (2.3)	7.0 (2.1)	2500 (9.5)
TMAX-14	8.0 (2.4)	7.5 (2.3)	14.0 (4.2)	5000 (18.9)
TMAX-21	8.0 (2.4)	7.5 (2.3)	21.0 (6.4)	7500 (28.4)
TMAX-28	8.0 (2.4)	7.5 (2.3)	28.0 (8.5)	10,000 (37.9)
TMAX-35	8.0 (2.4)	7.5 (2.3)	35.0 (10.7)	12,500 (47.3)
TMAX-42	8.0 (2.4)	7.5 (2.3)	42.0 (12.8)	15,000 (56.8)

* See Orenco® T-Max™ drawings for exact dimensions and specific tankage configurations.
 ** Custom T-Max tanks for volumes of 300-15,000 gal. (1 m³-56.8 m³) are available. Contact your Distributor or Orenco for more information.



T-Max Storage Tank, 21-foot (6.4 meter), showing optional gravity inlet and outlet locations, optional carbon filter vent and carbon filter access lid, standard access lid, and an optional Biotube® effluent filter (side cutaway view).