

Fire Protection Water Tanks

Secure, watertight storage of emergency water supplies

Xerxes fiberglass tanks can be used to store either primary or secondary water supplies for fire protection – using a break tank for water supply protection, providing water for a building’s sprinkler system or giving fire trucks quick, easy access to water for dry hydrant connections.

Municipalities and developers often install fire protection water tanks when developments have limited or no water infrastructure. Even where water supplies are available, the tanks are ideal for sites with insufficient water volume or pressure for fire protection needs.

Water storage for sprinkler systems

The watertight fiberglass tanks are ideally suited to securely store water for a facility’s fire sprinkler system. When the municipal water supply is not sufficient for the site’s fire suppression requirements, supplementary water supplies are essential.



Cisterns for dry hydrant hookups

Cisterns, together with dry hydrant hook-ups, are routinely mandated by rural and suburban fire regulatory agencies in areas where commercial and residential developments are growing faster than the municipal water supply systems.

Xerxes watertight fire protection water tanks provide significant advantages and comply with relevant standards, including NFPA 20, 22 and 1142.

Advantages over other tank options

- **One-piece, factory-fabricated tanks provide controllable installation timeline**
- Less heavy equipment needed for installation
- **Watertight testable models available**
- Buried tanks optimize aboveground land use
- **Priced competitively with other options**
- Tanks can be moved from original installation and recertified for new installation
- **Ideal for tight site footprints and remote locations**

Tanks meet these industry standards

- NFPA 20 Stationary Pumps for Fire Protection
- NFPA 22 Water Tanks for Private Fire Protection
- NFPA 1142 Water Supplies for Suburban and Rural Fire Fighting
- NSF 61, Drinking Water System Components (option available for dual-purpose potable water and fire protection water tanks)
- ANSI/AWWA D120 Thermosetting Fiberglass-Reinforced Plastic Tanks



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Water tank design features

- Tanks designed to withstand H-20/HS-20 axle loads
- Integral, high-profile fiberglass ribs increase structural strength
- Single-wall and double-wall models
- Single-tank and multiple-tank installations
- Accessories to fit wide range of applications
- Deep burial applications available



Single-Wall & Double-Wall Water Tank Models

Nominal Diameter	Nominal Capacities for Tanks Specified in U.S. Gallons	Nominal Capacities for Tanks Specified in Liters
4-foot	600 – 2,000	2,900 – 5,000
6-foot	2,500 – 8,000	Not available
8-foot	6,000 – 20,000	22,500 – 80,000
10-foot	9,000 – 40,000	40,000 – 150,000
12-foot	15,000 – 60,000	Not available

NOTE: This chart represents standard tank models. For other sizes, contact your sales representative (found on the [xerxes.com](https://www.xerxes.com) Find a Rep page) or email watersales@mattr.com.

Material advantages of fiberglass tanks

- Corrosion-resistant to surrounding soil
- Corrosion-resistant to stored liquids
- Premium resin – no sand fillers
- No protective lining or coating needed
- No ongoing maintenance or inspections required

Xerxes product and project reliability

- Stringent quality control of manufacturing makes every tank a long-term investment
- Comprehensive installation training available
- Dedicated field service and post-sales support
- 45+ years of composite manufacturing and 225,000+ tanks installed throughout North America

For over 45 years, Xerxes has designed and manufactured fiberglass underground storage tanks for fuel, water and wastewater. Xerxes' most recent expansion is its HydroChain™ stormwater product line — highly engineered products with site-specific designs for stormwater management solutions. Xerxes is a key brand of Mattr, a global materials technology company serving critical infrastructure markets.