

Main Tank

Fireguard® Protected Cylindrical Main Tank

UL-2085 Listed

Description

The Fireguard Cylindrical Main Tank is a double-wall, fire-protected aboveground storage tank that includes lightweight thermal insulation in the interstitial space.

Specifications

- Underwriters Laboratories UL-2085 Listed, Protected Aboveground Tanks for Flammable and Combustible Liquids.
- Designed for stationary installation and use in accordance Flammable and Combustible Liquids Code, NFPA 30, NPPA 30A, and Steel Tank Institute (STI) Standard F941 for Thermally Insulated Aboveground Storage Tanks.
- Constructed and labeled in accordance with all applicable Fireguard and UL standards.
- Inner tank and outer shell construction of 1/4" steel.
- 3" of lightweight, concrete thermal insulation pumped into interstitial space. Limits heat transferred to primary tank when construction is exposed to a two-hour hydrocarbon pool fire and is protected from physical damage.
- Meets the following ballistics standard: Empty tank subjected to five shots of 150-grain M-2 ball ammunition, muzzle velocity of 2700 feet per second (823 m/s), fired from a .30 caliber rifle at a distance of 100 feet (30.4m). Bullet fired perpendicular to point of impact on the tank wall determined to be most vulnerable. Shots placed independently of each other within a 3-foot by 3-foot area on the tank surface. Following projectile test, primary tank shall show no signs of leakage when subjected to the leakage test for primary tanks per UL 2085 22.2.
- Standard capacities 300 - 35,000 gallons. Larger capacities available upon request.
- Inner tank with sealed, double wall containment shell.
- Designed for stationary storage of diesel fuel.
- Tank and containment area factory pressure tested for tightness at 3 - 5 psig.
- Mounting feet or saddle structure for securing tank to pad.
- Typical options include:
 - ◇ 1" removable supply dip tube, 2" NPT fitting.
 - ◇ Engine return fitting, 2" NPT.
 - ◇ 2" or 3" NPT normal vent cap with screen for atmospheric venting. Includes pipe riser.
 - ◇ 3"- 8" NPT appropriately sized emergency pressure relief vent. 2" Manual fuel fill cap. Flip top design. Cap accepts user provided lock.
 - ◇ Upright sight gauge for monitoring fuel level in tank.
 - ◇ Low fuel level switch.
 - ◇ Fuel-in-basin leak detection switch.
- Frequently ordered options include:
 - ◇ Steel Spill/Fill Containment Box, 5 or 7-gallon capacity.
 - ◇ Day Tank Configuration: Includes pump, motor and Tramont System 2000PLUS™ Electronic Control Module (ECM) to allow automatic filling of tank from another source and monitoring of fuel level conditions.



Tramont Manufacturing UL-142 Fireguard Protected Cylindrical Main Tank.



Fireguard Cylindrical Main Tank configured as a day tank. The pump, motor and controller are installed under the optional weatherproof cover visible on the end of the tank. "Saddle" for mounting tank to pad is also visible in this view.