



HotShot Storage Tanks

HT-1088

The HotShot is the most innovative heated product storage tank system in the industry. The HotShot is designed specifically for the safe storage of heavy residual fuel oils (RFO), such as No. 6 fuel oil. Since No. 6 fuel oil is thick and viscous, users heat the oil to over 150° F before burning it.

Due to the complexity of storing the heated fuel, RFO users must be on guard against the environmental hazards brought about by faulty storage tanks.

The HotShot design and construction is multi-layered for optimum performance and safety.

We begin with a steel storage tank designed and constructed in accordance with UL-58 standards and certifications as well as customer specified design criteria.

The tank surfaces are protected against corrosion with a firmly bonded, damage resistant coating. An industrial high-temperature, two-part catalyzed interior coating is applied over a grit blast for maximum interior surface protection.

Additionally, a high temperature resistive exterior coating, coupled with a pre-engineered cathodic protection system, creates a dependable dielectric barrier between the tank and the underground environment.

HotShot tanks have proven themselves in many applications and under the most extreme RFO storage conditions:

- Large institutional facilities, Schools, universities, hospitals and prisons
- Electric power plants
- Large apartment and commercial buildings
- Industries that maintain open-hearth furnaces, steam boilers and kilns

Drawing & Details

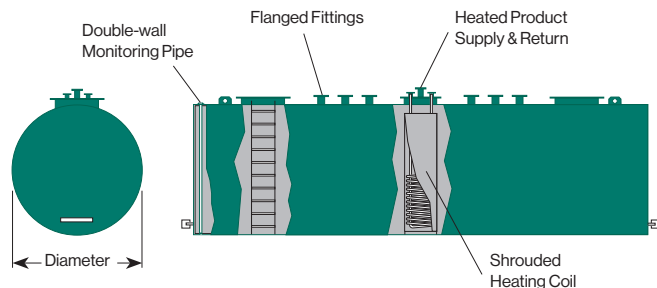
Standard Features

- Capacities: 3,000-70,000 gallons
- OSHA compliant 36" diameter access manway(s)
- Flanged fittings
- Shrouded heating coil
- Exterior corrosion protection system featuring:
 - High-temperature dielectric coating
 - Electrical isolation
 - Cathodic protection employing sacrificial anodes
- Interior high-temperature, two-part catalyzed coating
- Highland 5-year limited warranty

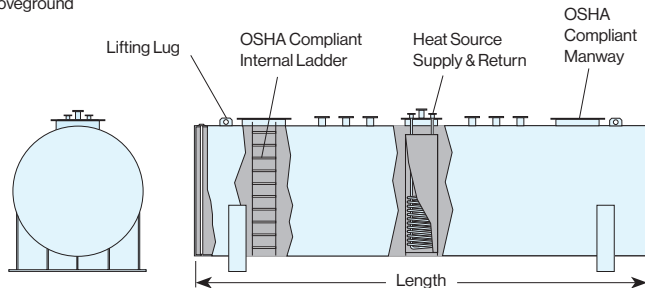
Options

- Electric heating elements
- Double-wall construction
- Level & leak detection system
- 2" injected foam insulation between tank walls

Underground



Aboveground



| Volume Gallons | Nominal Tank Dimensions | |
|-------------------|-------------------------|---------|
| | Diameter | Length |
| 3,000 | 5'-4" | 18'-0" |
| 4,000 | 5'-4" | 24'-0" |
| 4,000 | 6'-0" | 19'-0" |
| 4,000 | 8'-0" | 10'-8" |
| 5,000 | 6'-0" | 23'-10" |
| 5,000 | 8'-0" | 13'-4" |
| 6,000 | 6'-0" | 28'-8" |
| 6,000 | 8'-0" | 16'-0" |
| 8,000 | 10'-0" | 14'-0" |
| 8,000 | 8'-0" | 21'-4" |
| 10,000 | 10'-0" | 17'-0" |
| 10,000 | 8'-0" | 26'-8" |
| 12,000 | 10'-0" | 20'-6" |
| 12,000 | 8'-0" | 32'-0" |
| 15,000 | 10'-0" | 25'-6" |
| 15,000 | 8'-0" | 40'-0" |
| 20,000 | 10'-0" | 34'-0" |
| 20,000 | 10'-6" | 31'-0" |
| 25,000 | 10'-0" | 42'-6" |
| 25,000 | 10'-6" | 38'-9" |
| 30,000 | 10'-0" | 51'-2" |
| 30,000 | 10'-6" | 46'-6" |
| 40,000 | 12'-0" | 47'-6" |
| 50,000 | 12'-0" | 59'-6" |
| 50,000 | 12'-6" | 54'-6" |
| 60,000 | 12'-0" | 71'-0" |
| 60,000 | 12'-6" | 65'-5" |
| 60,000 | 13'-0" | 60'-6" |
| 70,000 | 13'-0" | 72'-0" |



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