



Aboveground Vertical UL-142

HT-1006

Aboveground storage tanks are designed and engineered to meet the demanding needs of many industries. They provide a sensible and safe solution for the storage of petroleum products and chemicals at bulk plants, transportation facilities, industrial sites, military bases and airports.

Tanks are manufactured to UL-142 specifications using flat-flanged heads in single-wall, double-wall or double-bottom configurations. Tanks can also be manufactured to API 650, Appendix J for shop built tanks. Vertical tanks are available with an array of options that provide solutions for many applications.

Standard tanks fabricated using carbon steel are compatible with the full range of petroleum products including those with higher methanol and ethanol contents. Stainless steel construction is also available.

A wide variety of accessories for UL-142 tanks are available to meet your specification. Support legs and skirts can be fitted to vertical tanks to customize your installation.

Some options to equip UL-142 tanks for specific applications:

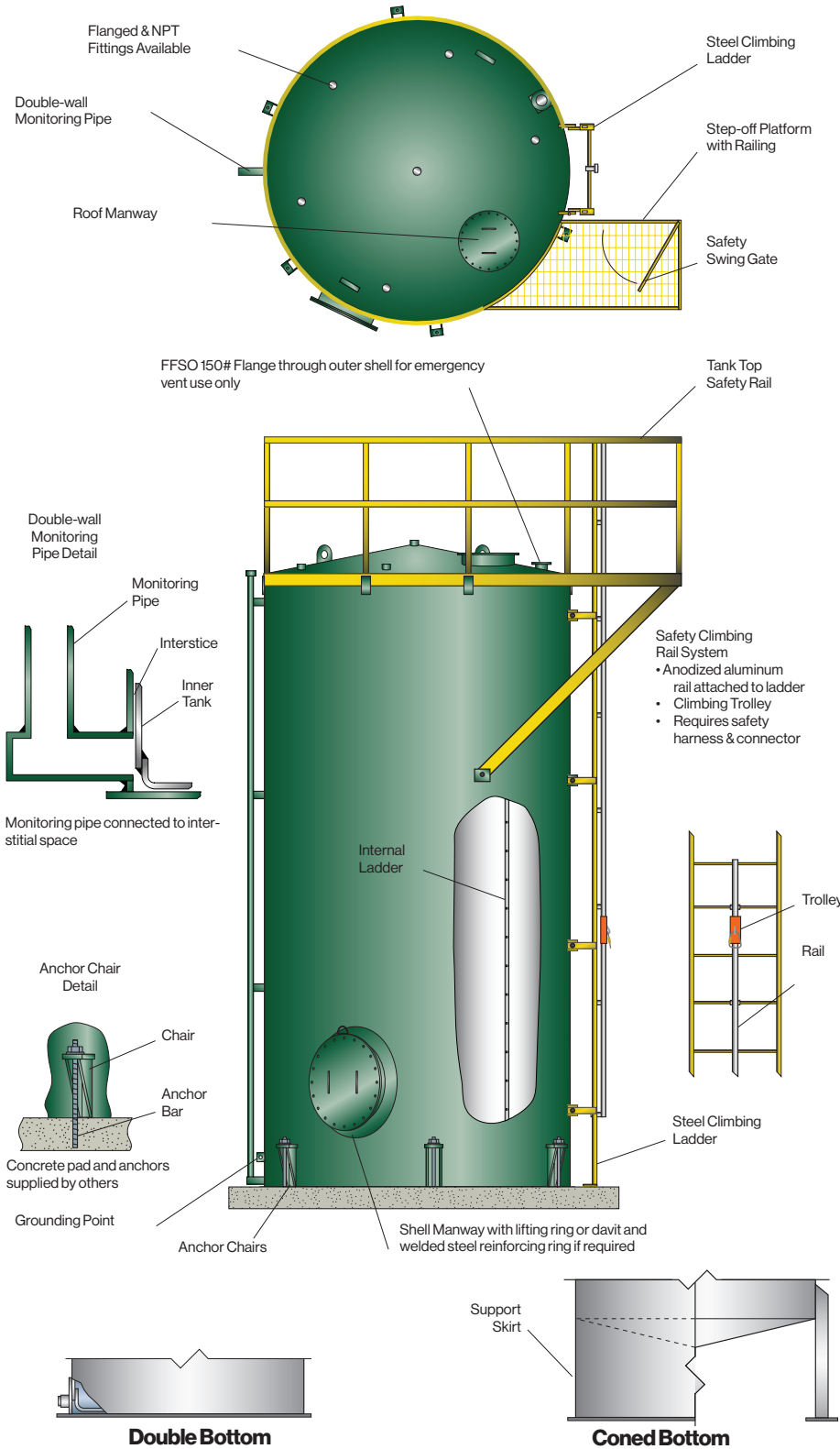
- Interior coatings for storage of aviation fuel, chemicals or other liquids
- VOC Compliant exterior coatings
- Flanged and dished heads
- Support legs and skirts
- OSHA ladders and platforms with fall protection system

Any required access or structural steelwork, such as ladders, stairs, platforms or walkways can be supplied. Other custom structural accommodations can be factory-fitted to facilitate field installation of special accessories.

Standard Tank Features

- Carbon steel thickness from 12 gauge to 1.25"
- Exterior full fillet lap joints for added "ribbed" strength
- Seam inspection and 5 psi factory air test
- Connections for normal and emergency venting, gauging, filling and product piping
- Lifting lugs
- Primer paint

Drawing & Details



Volume Gallons	Tank Dimensions	
	Diameter	Height
185	3'-2"	3'-4"
240	3'-2"	4'-0"
300	3'-2"	5'-0"
500	4'-0"	5'-5"
1,000	4'-0"	10'-9"
1,000	5'-4"	6'-0"
1,500	5'-4"	9'-0"
2,000	5'-4"	12'-0"
3,000	8'-0"	8'-0"
4,000	8'-0"	10'-6"
5,000	8'-0"	13'-4"
6,000	8'-0"	16'-0"
8,000	10'-0"	14'-0"
10,000	10'-0"	17'-0"
12,000	10'-0"	20'-6"
15,000	10'-0"	25'-6"
20,000	10'-0"	34'-0"
20,000	10'-6"	31'-0"
25,000	12'-0"	29'-8"
30,000	12'-0"	35'-6"
30,000	12'-6"	32'-9"
40,000	12'-0"	47'-6"
40,000	12'-6"	43'-8"
40,000	13'-0"	40'-4"
49,500	13'-0"	50'-0"

Notes: Maximum height: 50 feet for UL-labeled tanks. Manways required for tanks over 5,000 gallons.



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