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
- UL-142 label
- Flat flanged & conical flanged heads
- 185-57,500 gallons
- Diameter: 3’-2” to 13’-0”
- Maximum height: 50 feet for UL-labeled tanks
- 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
- Manways required for tanks over 5,000 gallons
- Connections for normal and emergency venting, gauging, filling and product piping
- Lifting lugs
- Primer paint
### UL-142 vertical tank sizing guide

<table>
<thead>
<tr>
<th>Volume Gallons</th>
<th>Tank Dimensions</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>185</td>
<td>3'-2&quot;</td>
<td>3'-4&quot;</td>
</tr>
<tr>
<td>240</td>
<td>3'-2&quot;</td>
<td>4'-0&quot;</td>
</tr>
<tr>
<td>300</td>
<td>3'-2&quot;</td>
<td>5'-0&quot;</td>
</tr>
<tr>
<td>500</td>
<td>4'-0&quot;</td>
<td>5'-5&quot;</td>
</tr>
<tr>
<td>1,000</td>
<td>4'-0&quot;</td>
<td>10'-9&quot;</td>
</tr>
<tr>
<td>1,000</td>
<td>5'-4&quot;</td>
<td>6'-0&quot;</td>
</tr>
<tr>
<td>1,500</td>
<td>5'-4&quot;</td>
<td>9'-0&quot;</td>
</tr>
<tr>
<td>2,000</td>
<td>5'-4&quot;</td>
<td>12'-0&quot;</td>
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<tr>
<td>3,000</td>
<td>8'-0&quot;</td>
<td>8'-0&quot;</td>
</tr>
<tr>
<td>4,000</td>
<td>8'-0&quot;</td>
<td>10'-6&quot;</td>
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<tr>
<td>5,000</td>
<td>8'-0&quot;</td>
<td>13'-4&quot;</td>
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<tr>
<td>6,000</td>
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<td>25'-6&quot;</td>
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<td>34'-0&quot;</td>
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<td>10'-6&quot;</td>
<td>31'-0&quot;</td>
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<td>12'-0&quot;</td>
<td>29'-8&quot;</td>
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<td>12'-0&quot;</td>
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<tr>
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<td>12'-6&quot;</td>
<td>32'-9&quot;</td>
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<td>40'-4&quot;</td>
</tr>
<tr>
<td>49,500</td>
<td>13'-0&quot;</td>
<td>50'-0&quot;</td>
</tr>
</tbody>
</table>

- **Double Bottom**
- **Coned Bottom**
- **Dished Bottom**

**Dimensions:**
- **Diameter:**
- **Height:**

**Support:**
- **Legs**
- **Skirt**

**Safety:**
- **Swing Gate**
- **Climbing Trolley**
- **Railing**
- **Anchors**

**Additional Features:**
- **Double-wall Monitoring Pipe**
- **Monitoring Pipe connected to interstitial**
- **Grounding Point**
- **Concrete pad and anchors supplied by others**
- **Monitoring pipe connected to interstitial space**
- **FFSO 150# Flange through outer shell for emergency vent use only**
- **Steel Climbing Ladder**
- **Internal Ladder**
- **Anchors**
- **Bar**

**Locations:**
- **Stoystown, PA**
- **Manheim, PA**
- **Greensboro, NC**
- **Friedens, PA**
- **Mancelona, MI**

**Contact:**
- **Highland Tank**
  - Manheim, PA: 4535 Elizabethown Road, Manheim, PA 17545-9410, 717.664.0600
  - Stoystown, PA: 15563-0338, 814.893.5701
  - Watervliet, NY: 958 19th Street, Watervliet, NY 12189-1752, 518.273.0801
  - Lebanon, PA: 2225 Chestnut Street, Lebanon, PA 17042-2504, 717.664.0602
  - Clarkston, MI: 4701 White Lake Road, Clarkston, MI 48346-2554, 248.625.8700
  - Friedens, PA: 1510 Stoystown Road, Friedens, PA 15541-7402, 814.443.6800
  - Mancelona, MI: 1410 Lake Street, Mancelona, MI 49659-7968, 231.587.8412

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- **Anchor Chair**
- **Detail**
- **Grounding Point**
- **Shell Manway**
- **Lifting Ring**
- **Davit**
- **Welded Steel Ring**
- **Monitoring Pipe**
- **Inner Tank**
- **External**
- **Flanged & NPT Fittings Available**

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