

**Built on Tradition**



**Highland Tank<sup>®</sup>**



# Overfill Protection Tanks

HT-1009

The OP Tank is equipped with a patented overfill protection system and integral overfill chamber designed to capture and store overfills resulting from mistakes or failures during filling operations. Unlike other forms of secondary containment, the OP keeps the product in the storage tank where it can be easily recovered and used.

The entire OP Tank system is UL-listed for flammable and combustible liquid storage, and does not need to be cleaned or freed from vapors after pump-out.

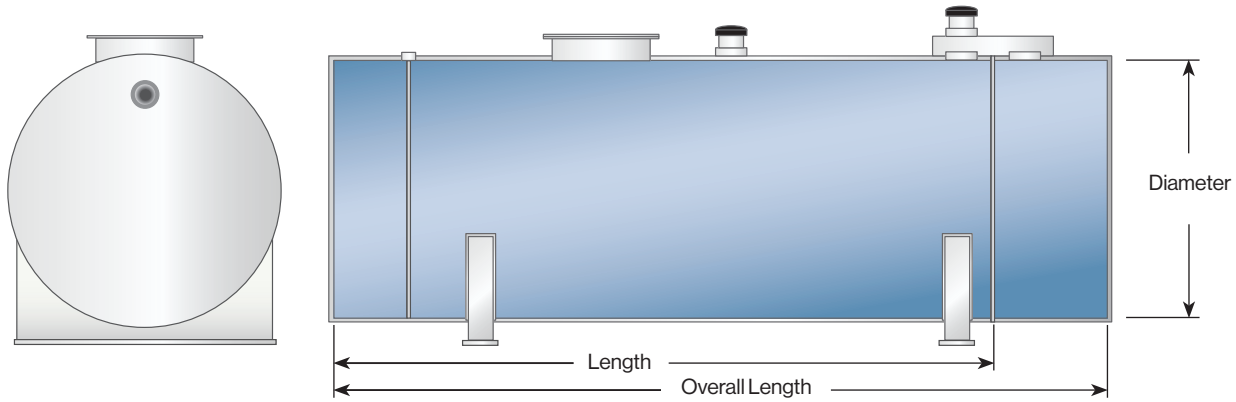
## Overfill Protection From:

- ³ Malfunctioning overfill limiter, vents, gauges or alarms
- ³ Unattended delivery truck
- ³ Distracted delivery attendant
- ³ Incorrect inventory record

## OP Tank Features

In the unlikely event of an overfill, the Overfill Protector chute directs spills into the containment chamber which is sized to contain a spill equal to at least 20% of the tank's storage volume. The collected product can be pumped back to the primary tank, or to another storage tank, through the pump-out fitting in the top of the tank.

# Drawing & Details

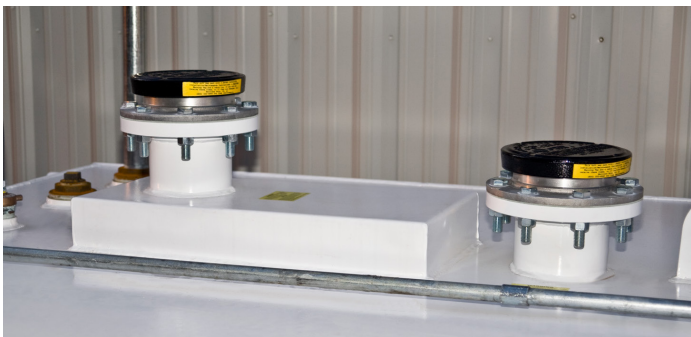
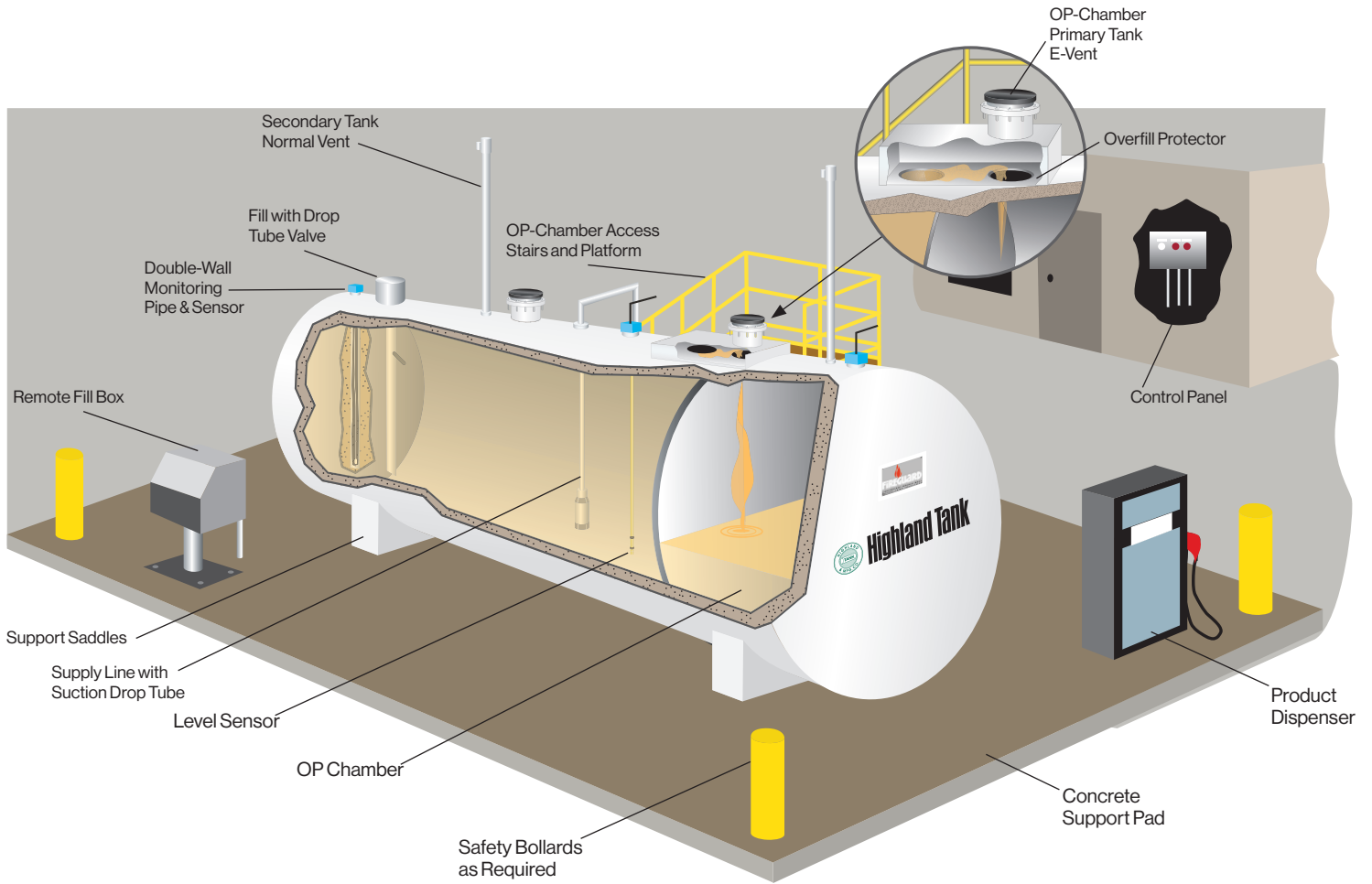


| Volume Gallons | Nominal Inside Dimensions Diameter | Nominal Inside Dimensions Length | Chamber Volume Gallons | Overall Tank Length |
|----------------|------------------------------------|----------------------------------|------------------------|---------------------|
| 500            | 4'-0"                              | 5'-5"                            | 156                    | 7'-1"               |
| 1,000          | 4'-0"                              | 10'-9"                           | 203                    | 12'-11"             |
| 1,000          | 5'-4"                              | 6'-0"                            | 306                    | 7'-10"              |
| 1,500          | 5'-4"                              | 9'-0"                            | 306                    | 10'-10"             |
| 2,000          | 5'-4"                              | 12'-0"                           | 403                    | 14'-5"              |
| 2,500          | 5'-4"                              | 15'-0"                           | 501                    | 18'-0"              |
| 3,000          | 5'-4"                              | 18'-0"                           | 612                    | 21'-8"              |
| 4,000          | 5'-4"                              | 24'-0"                           | 807                    | 28'-10"             |
| 4,000          | 6'-0"                              | 19'-0"                           | 810                    | 22'-10"             |
| 4,000          | 8'-0"                              | 10'-8"                           | 814                    | 12'-10"             |
| 5,000          | 6'-0"                              | 23'-10"                          | 1,022                  | 28'-8"              |
| 5,000          | 8'-0"                              | 13'-4"                           | 1,002                  | 16'-0"              |
| 6,000          | 6'-0"                              | 28'-8"                           | 1,216                  | 34'-5"              |
| 6,000          | 8'-0"                              | 16'-0"                           | 1,222                  | 19'-3"              |
| 8,000          | 8'-0"                              | 21'-4"                           | 1,629                  | 25'-8"              |
| 8,000          | 10'-0"                             | 14'-0"                           | 1,664                  | 16'-10"             |
| 10,000         | 8'-0"                              | 26'-8"                           | 2,005                  | 32'-0"              |
| 10,000         | 10'-0"                             | 17'-0"                           | 2,007                  | 20'-5"              |
| 12,000         | 8'-0"                              | 32'-0"                           | 2,412                  | 38'-5"              |
| 12,000         | 10'-0"                             | 20'-6"                           | 2,447                  | 24'-8"              |
| 15,000         | 8'-0"                              | 40'-0"                           | 3,008                  | 48'-0"              |
| 15,000         | 10'-0"                             | 25'-6"                           | 3,035                  | 30'-8"              |
| 20,000         | 10'-0"                             | 34'-0"                           | 4,014                  | 40'-10"             |
| 20,000         | 10'-6"                             | 31'-0"                           | 4,048                  | 37'-3"              |
| 25,000         | 10'-6"                             | 42'-7"                           | 5,019                  | 46'-6"              |
| 30,000         | 10'-6"                             | 46'-6"                           | 6,045                  | 55'-10"             |
| 30,000         | 12'-0"                             | 35'-6"                           | 6,063                  | 42'-8"              |
| 40,000         | 12'-0"                             | 47'-6"                           | 8,037                  | 57'-0"              |
| 50,000         | 12'-0"                             | 59'-6"                           | 10,081                 | 71'-5"              |



**Highland Tank**<sup>®</sup>

# How it works



## OP Tank Options

The OP Tank is available as a UL-2085 Fireguard<sup>®</sup> tank or as a standard single or double-wall UL-142 horizontal tank. In addition to our standard features and options, we can also supply a larger (above 20%) containment chamber if greater spill containment is required.

Consult Highland Tank if a larger (above 20%) spill containment capability is required.

U.S. Patent No. 5,381,923



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