

**Fire Protection Water Tanks – Aboveground, Horizontal, Bottom Drain**

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| ***Design Data:*** |  | ***Standard Specs:*** |
| **Operating Pressure:** | Atmospheric | Flange with internal anti-vortex plate per NFPA 22 |
| **Specific Gravity:** | 1.0 | Flange vent |
| **Tank Material:** | Mild carbon steel | 24 x ¼” Plate tight bolt Manway with 1/8” thick NEO-cork gasket |
| **Construction:** | Lap weld inside and outside | 4’ FNPT connection |
| **Tank Test:** | 5 PSIG | Standard HTM external ladder and platform assembly, painted Safety Yellow and shipped loose for installation by others |
| **Internal Finish:** | SSPC SO10 blast, HighDRO-Liner Plus for NFPA 22 applications | HTM standard internal ladder |
| **External Finish:** | SSPC SP6 blast, white urethane paint | Flange with internal 90˚elbow – overflow |
|  |  | FB-3” x ¼” x 3” with 5/8” Ø hole on grounding lug |

**Standard Sizes - Fire Protection Tanks**

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| **Diameter**  (feet) | **Length**  (feet) | **Capacity**  (gallons) |  | **UL Style Saddles**  (ships loose with tank) | **Thickness** | |
| **Heads** | **Shell** |
| 5’4” | 9’ | 1,500 | Single Wall | (2) 64”D x 6”H | 7 ga | 7 ga |
| 5’4” | 12’ | 2,000 | Single Wall | (2) 64”D x 6”H | 7 ga | 7 ga |
| 5’4” | 15’ | 2,500 | Single Wall | (2) 64”D x 6”H | 7 ga | 7 ga |
| 5’4” | 18’ | 3,000 | Single Wall | (2) 64”D x 6”H | 7 ga | 7 ga |
| 8’ | 10’8” | 4,000 | Single Wall | (2) 96”D x 6”H | 5/16” | ¼” |
| 6’ | 19’ | 4,000 | Single Wall | (2) 72”D x 6”H | 5/16” | ¼” |
| 6’ | 23’10” | 5,000 | Single Wall | (2) 72”D x 6”H | 5/16” | ¼” |
| 8’ | 13’4” | 5,000 | Single Wall | (2) 96”D x 6”H | 5/16” | ¼” |
| 6’ | 28’8” | 6,000 | Single Wall | (2) 72”D x 6”H | 5/16” | ¼” |
| 8’ | 16’ | 6,000 | Single Wall | (2) 96”D x 6”H | 5/16” | ¼” |
| 8’ | 21’4” | 8,000 | Single Wall | (2) 96”D x 6”H | 5/16” | ¼” |
| 8’ | 26’8” | 10,000 | Single Wall | (2) 96”D x 6”H | 5/16” | ¼” |
| 10’ | 17’ | 10,000 | Single Wall | (2) 120”D x 6”H | 5/16” | ¼” |
| 8’ | 32’ | 12,000 | Single Wall | (2) 96”D x 6”H | 5/16” | ¼” |
| 8 | 40 | 15,000 | Single Wall | (2) 96”D x 6”H | 5/16” | ¼” |
| 10’ | 25’6” | 15,000 | Single Wall | (2) 120”D x 6”H | 5/16” | ¼” |
| 10’ | 34’ | 20,000 | Single Wall | (2) 120”D x 6”H | 5/16” | ¼” |
| 10’6” | 31’ | 20,000 | Single Wall | (2) 126”D x 6”H | 5/16” | ¼” |
| 10’ | 42’6” | 25,000 | Single Wall | (2) 120”D x 6”H | 5/16” | ¼” |
| 10’6” | 38’9” | 25,000 | Single Wall | (2) 126”D x 6”H | 5/16” | ¼” |
| 10’ | 51’2” | 30,000 | Single Wall | (2) 120”D x 6”H | 5/16” | ¼” |
| 10’6” | 46’6” | 30,000 | Single Wall | (2) 126”D x 6”H | 5/16” | ¼” |
| 12’ | 47’6” | 40,000 | Single Wall | (2)144”D x 6”H | 3/8” | 3/8” |
| 12’ | 59’6” | 50,000 | Single Wall | (2) 144”D x 6”H | 3/8” | 3/8” |
| 12’6” | 56’2” | 50,000 | Single Wall | (2)150”D x 6”H | 3/8” Flanged & dished | 3/8” |
| 12’ | 71’ | 60,000 | Single Wall | (2) 144”D x 6”H | 3/8” | 3/8” |
| 12’6” | 67’1” | 60,000 | Single Wall | (2) 150”D x 6”H | 3/8” Flanged & dished | 3/8” |
| 13’ | 62’3¾” | 60,000 | Single Wall | (2) 156”D x 6”H | 3/8” Flanged & dished | 3/8” |

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| 9332 North 95th Way  Scottsdale, AZ 85258  ***Phone:480-998-4097***  [sales@apewater.com](mailto:sales@apewater.com) |  |