

AMERICAN TANK COMPANY, INC.

FAQ SHEET 2

API 12-B Specifications

| CAPACITY | | | DIMENSIONS | | TANK SHELL | | | | BOTTOM | DECK | WEIGHT | |
|--------------------------|-----------------------------|-------------------|-------------------------------|-----------------|-----------------------|-----------------------|-----------------------|---------------------|--------|---------------------------------|------------------------------|--------|
| NOMINAL 42 GAL BBL | ACTUAL (1) 42 GAL BBL | ACTUAL (1) GAL | INSIDE DIAMETER NOMINAL | SHELL HEIGHT | NUMBER OF RINGS | STAVES PER RING | USS GA (RING #) | ROWS OF BOLTS | USS GA | CLOSED DECK (4) TANK (LB) | OPEN TOP (5) TANK (LB) | |
| 100 | 95.80 | 4023 | 9' 2-3/4" | 8' 1/2" | 1 | 6 | All 12 | 1 | 12 | 12 | 2240 | 1770 |
| 200 | 191.64 | 8049 | | 16' 1" | 2 | 6 | All 12 | 1 | 12 | 12 | 3550 | 3090 |
| 300 | 287.46 | 12072 | | 24' 1-1/2" | 3 | 6 | All 12 | 1 | 12 | 12 | 4810 | 4350 |
| 250 | 266.28 | 11184 | 15' 4-5/8" | 8' 1/2" | 1 | 10 | All 12 | 1 | 12 | 12 | 4510 | 3400 |
| H-500 | 532.56 | 22368 | | 16' 1" | 2 | 10 | All 12 | 1 | 12 | 12 | 6640 | 5490 |
| HS-500 (6) | 532.56 | 22368 | | 16' 1" | 2 | 10 | 2nd 12 | 1 | | | | |
| | | | | | | 10 | 1st 10 | 1 | 10 | 12 | 7430 | 6160 |
| 750 | 798.84 | 33551 | | 24' 1-1/2" | 3 | 10 | 3rd 12 | 1 | | | | |
| | | | | | | 10 | 2nd 12 | 1 | | | | |
| | | | | | | 10 | 1st 10 | 1 | 12 | 12 | 9300 | 8110 |
| S-750 (6) | 798.84 | 33551 | | 24' 1-1/2" | 3 | 10 | 3rd 12 | 1 | | | | |
| | | | | | | 10 | 2nd 12 | 1 | | | | |
| | | | | | | 10 | 1st 10 | 1 | 10 | 12 | 9550 | 8260 |
| L-500 | 522.01 | 21924 | 21' 6-1/2" | 8' 1/2" | 1 | 14 | All 12 | 1 | 12 | 12 | 7890 | 5300 |
| 1000 | 1044.02 | 43849 | | 16' 1" | 2 | 14 | All 12 | 1 | 12 | 12 | 10890 | 8230 |
| S-1000 (6) | 1044.02 | 43849 | | | 2 | 14 | 2nd 12 | 1 | | | | |
| | | | | | | 14 | 1st 10 | 1 | 10 | 12 | 12290 | 9630 |
| 1500 | 1566.03 | 65773 | | 24' 1-1/2" | 3 | 14 | 3rd 12 | 1 | | | | |
| | | | | | | 14 | 2nd 12 | 1 | | | | |
| | | | | | | 14 | 1st 12 | 2 | 12 | 12 | 14110 | 12300 |
| S-1500 (6) | 1566.03 | 65773 | | 24' 1-1/2" | 3 | 14 | 3rd 12 | 1 | | | | |
| | | | | | | 14 | 2nd 12 | 1 | | | | |
| | | | | | | 14 | 1st 10 | 2 | 10 | 12 | 15530 | 13820 |
| 800* | 769.61 | 32324 | 26' 1-7/8" | 8' 1/2" | 1 | 17 | All 12 | 1 | 12 | 12 | 9940 | 8900 |
| 1600* | 1539.21 | 64647 | | 16' 1" | 2 | 17 | All 12 | 1 | 12 | 12 | 13303 | 10000 |
| 2400* | 2308.83 | 96970 | | 24' 1-1/2" | 3 | 17 | 3rd 12 | 1 | | | | |
| | | | | | | 17 | 2nd 12 | 1 | | | | |
| | | | | | | 17 | 1st 12 | 2 | 12 | 12 | 17650 | 14600 |
| L-1000 | 993.53 | 41728 | 29' 8-5/8" | 8' 1/2" | 1 | 20 | All 12 | 2 | 12 | 12 | 14140 | 8820 |
| 2000 | 1987.06 | 83728 | | 16' 1" | 2 | 20 | All 12 | 2 | 12 | 12 | 18770 | 13330 |
| 3000 | 2980.56 | 125185 | | 24' 1-1/2" | 3 | 20 | 3rd 12 | 2 | | | | |
| | | | | | | 20 | 2nd 12 | 2 | | | | |
| | | | | | | 20 | 1st 10 | 2 | 12 | 12 | 23800 | 18900 |
| API 5000 (3) | 5037.45 | 211572 | 38' 7-5/8" | 24' 1-1/2" | 3 | 26 | 3rd 12 | 2 | | | | |
| | | | | | | 26 | 2nd 10 | 2 | | | | |
| 5000 (6) | 5037.45 | 211572 | | 24' 1-1/2" | 3 | 26 | 1st 10 | 2 | 10 | 12 | 39000 | 28460 |
| | | | | | | 26 | 3rd 12 | 2 | | | | |
| | | | | | | 26 | 2nd 10 | 2 | | | | |
| | | | | | | 26 | 1st 7 | 2 | 10 | 12 | 41000 | 30460 |
| 7500* | 7650.62 | 321326 | 47' 6-3/8" | 24' 1-1/2" | 3 | 32 | 3rd 10 | 2 | | | | |
| | | | | | | 32 | 2nd 10 | 2 | | | | |
| | | | | | | 32 | 1st 3/16 | 3 | 10 | 12 | 64900 | 42000 |
| API 10000 (3) | 10218.49 | 429177 | 54' 11-3/4" | 24' 2" | 3 | 37 | 3rd 10 | 2 | | | | |
| | | | | | | 37 | 2nd 10 | 2 | | | | |
| 10000 (6) | 10218.49 | 429177 | | 24' 2" | 3 | 37 | 1st 3/16 | 3 | 10 | 12 | 74000 | 52900 |
| | | | | | | 37 | 3rd 10 | 2 | | | | |
| | | | | | | 37 | 2nd 7 | 2 | | | | |
| | | | | | | 37 | 1st 1/4 | 3 | 10 | 12 | 81000 | 59900 |
| 15000* | 14466.17 | 607579 | 65' 4-5/16" | 24' 1-1/2" | 3 | 44 | 3rd 10 | 2 | | | | |
| | | | | | | 44 | 2nd 3/16 | 2 | | | | |
| | | | | | | 44 | 1st 1/4 | 3 | 10 | 12 | 109000 | 69800 |
| 20000* | 21826.29 | 916704 | 80' 2-9/16" | 24' 3" | 3 | 54 | 3rd 9 | 2 | | | | |
| | | | | | | 54 | 2nd 3/16 | 2 | | | | |
| | | | | | | 54 | 1st 1/4 | 3 | 10 | 12 | 169800 | 132800 |

*Manufactured in accordance with API standards for dimensions, materials, and specifications. Not listed as API tank size.

1) Capacity based on nominal diameters and shell size.

(3) Not recommended for liquids having a specific gravity of 1.0 or higher.

(5) Structural stiffeners supplied for top rim reinforcement.

2) Sized for 1/2" diameter bolts 91000 psi strength.

(4) Standard deck supplied with 1:12 slope.

(6) Heavier gauges for bottom and/or shell.

**Call 1.800.256.1626 to speak with an ATC Storage Tank Expert
for Assistance or Additional Information.**