

| Model Diameter | # Sheets | Exact Diameter (feet) | Capacity Per Foot (gallons) | Max Water Depth (Ft) AWWA Z = 0,1 | | Actual Sidewall Height (feet) - Number of Rings - Courses | | | | | | | | | | Actual Sidewall Height (feet) - Number of Rings - Courses | | | | | | | | | | | | | | | | | | | |
|----------------|----------|-----------------------|-----------------------------|-----------------------------------|---------------|-----------------------------------------------------------|-------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|-------|-----------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| | | | | A .375" max. | B .5" max. | 5.51 | 10.09 | 14.68 | 19.26 | 23.84 | 28.43 | 33.01 | 37.59 | 42.17 | 46.76 | 51.34 | 55.92 | 60.51 | 65.09 | 69.67 | 74.26 | 78.84 | 83.42 | 88.00 | 92.59 | 97.17 | 101.75 | 106.34 | 110.92 | 115.50 | 120.09 | 124.67 | 129.25 | 133.83 | 138.42 |
| | | | | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 106 | 38 | 106.30 | 66,392 | 29.2 | 38.9 | 365 | 670 | 974 | 1,278 | 1,582 | 1,887 | 2,133 32.13 | 2,378 35.83 | 2,582 39.53 | | | | | | | | | | | | | | | | | | | | | |
| 109 | 39 | 109.10 | 69,932 | 28.4 | 37.9 | 385 | 705 | 1,026 | 1,346 | 1,667 | 1,926 27.54 | 2,184 31.24 | 2,444 34.95 | 2,650 38.65 | | | | | | | | | | | | | | | | | | | | | |
| 112 | 40 | 111.90 | 73,565 | 27.7 | 37.0 | 405 | 742 | 1,079 | 1,416 | 1,753 | 2,026 27.54 | 2,298 31.24 | 2,571 34.95 | 2,721 38.65 | | | | | | | | | | | | | | | | | | | | | |
| 115 | 41 | 114.69 | 77,289 | 27.0 | 36.1 | 425 | 780 | 1,134 | 1,488 | 1,842 | 2,128 27.54 | 2,414 31.24 | 2,701 34.95 | 2,790 38.65 | | | | | | | | | | | | | | | | | | | | | |
| 117 | 42 | 117.49 | 81,105 | 26.4 | 35.2 | 446 | 818 | 1,190 | 1,562 | 1,933 | 2,233 27.54 | 2,533 31.24 | 2,834 34.95 | 2,854 38.65 | | | | | | | | | | | | | | | | | | | | | |
| 120 | 43 | 120.29 | 85,013 | 25.8 | 34.4 | 468 | 858 | 1,247 | 1,637 | 2,026 | 2,341 27.54 | 2,655 31.24 | 2,924 34.95 | | | | | | | | | | | | | | | | | | | | | | |
| 123 | 44 | 123.09 | 89,013 | 25.2 | 33.6 | 490 | 898 | 1,306 | 1,714 | 2,122 | 2,451 27.54 | 2,780 31.24 | 2,990 34.95 | | | | | | | | | | | | | | | | | | | | | | |
| 126 | 45 | 125.89 | 93,105 | 24.6 | 32.9 | 513 | 939 | 1,366 | 1,793 | 2,219 | 2,564 27.54 | 2,908 31.24 | 3,063 34.95 | | | | | | | | | | | | | | | | | | | | | | |
| 129 | 46 | 128.68 | 97,289 | 24.1 | 32.1 | 536 | 981 | 1,427 | 1,873 | 2,319 | 2,679 27.54 | 3,039 31.24 | 3,122 34.95 | | | | | | | | | | | | | | | | | | | | | | |
| 131 | 47 | 131.48 | 101,565 | 23.6 | 31.5 | 559 | 1,025 | 1,490 | 1,956 | 2,331 22.96 | 2,707 26.66 | 3,083 30.36 | 3,199 34.06 | | | | | | | | | | | | | | | | | | | | | | |
| 134 | 48 | 134.27 | 105,933 | 23.1 | 30.8 | 583 | 1,069 | 1,554 | 2,040 | 2,432 22.96 | 2,824 26.66 | 3,216 30.36 | 3,262 34.06 | | | | | | | | | | | | | | | | | | | | | | |
| 137 | 49 | 137.07 | 110,393 | 22.6 | 30.2 | 608 | 1,114 | 1,620 | 2,126 | 2,534 22.96 | 2,943 26.66 | 3,333 30.36 | | | | | | | | | | | | | | | | | | | | | | | |
| 140 | 50 | 139.87 | 114,945 | 22.2 | 29.6 | 633 | 1,160 | 1,686 | 2,213 | 2,639 22.96 | 3,064 26.66 | 3,402 30.36 | | | | | | | | | | | | | | | | | | | | | | | |
| 143 | 51 | 142.67 | 119,589 | 21.7 | 29.0 | 658 | 1,207 | 1,755 | 2,303 | 2,745 22.96 | 3,188 26.66 | 3,468 30.36 | | | | | | | | | | | | | | | | | | | | | | | |
| 145 | 52 | 145.46 | 124,324 | 21.3 | 28.4 | 685 | 1,254 | 1,824 | 2,394 | 2,854 22.96 | 3,314 26.66 | 3,530 30.36 | | | | | | | | | | | | | | | | | | | | | | | |
| 148 | 53 | 148.26 | 129,152 | 20.9 | 27.9 | 711 | 1,303 | 1,895 | 2,487 | 2,965 22.96 | 3,443 26.66 | 3,603 30.36 | | | | | | | | | | | | | | | | | | | | | | | |
| 151 | 54 | 151.06 | 134,072 | 20.5 | 27.4 | 738 | 1,353 | 1,967 | 2,582 | 3,078 22.96 | 3,574 26.66 | 3,673 30.36 | | | | | | | | | | | | | | | | | | | | | | | |
| 154 | 55 | 153.86 | 139,083 | 20.2 | 26.9 | 766 | 1,403 | 2,041 | 2,678 | 3,193 22.96 | 3,707 26.66 | 3,741 30.36 | | | | | | | | | | | | | | | | | | | | | | | |
| 157 | 56 | 156.66 | 144,187 | 19.8 | 26.4 | 794 | 1,455 | 2,116 | 2,776 | 3,310 22.96 | 3,806 26.66 | | | | | | | | | | | | | | | | | | | | | | | | |
| 159 | 57 | 159.46 | 149,382 | 19.4 | 25.9 | 823 | 1,507 | 2,192 | 2,876 | 3,429 22.96 | 3,868 26.66 | | | | | | | | | | | | | | | | | | | | | | | | |
| 162 | 58 | 162.26 | 154,670 | 19.1 | 25.5 | 852 | 1,561 | 2,269 | 2,978 | 3,548 18.38 | 3,944 22.08 | 3,944 25.78 | | | | | | | | | | | | | | | | | | | | | | | |
| 171 | 61 | 170.65 | 171,082 | 18.2 | 24.2 | 942 | 1,726 | 2,510 | 3,144 18.38 | 3,777 22.08 | 4,140 25.78 | | | | | | | | | | | | | | | | | | | | | | | | |
| 179 | 64 | 179.04 | 188,318 | 17.3 | 23.1 | 1,037 | 1,900 | 2,763 | 3,461 18.38 | 4,158 22.08 | 4,350 25.78 | | | | | | | | | | | | | | | | | | | | | | | | |
| 187 | 67 | 187.43 | 206,381 | 16.5 | 22.1 | 1,137 | 2,083 | 3,028 | 3,793 18.38 | 4,556 22.08 | 4,561 25.78 | | | | | | | | | | | | | | | | | | | | | | | | |
| 193 | 69 | 193.03 | 218,898 | 16.1 | 21.4 | 1,206 | 2,209 | 3,212 | 4,023 18.38 | 4,684 22.08 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 201 | 72 | 201.42 | 238,340 | 15.4 | 20.5 | 1,313 | 2,405 | 3,497 | 4,380 18.38 | 4,885 22.08 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 210 | 75 | 209.81 | 258,609 | 14.8 | 19.7 | 1,424 | 2,610 | 3,795 | 4,753 18.38 | 5,094 22.08 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 218 | 78 | 218.20 | 279,712 | 14.2 | 18.9 | 1,541 | 2,823 | 4,159 13.79 | 4,894 17.50 | 5,286 21.20 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 227 | 81 | 226.59 | 301,642 | 13.7 | 18.2 | 1,662 | 3,044 | 4,473 13.79 | 5,278 17.50 | 5,489 21.20 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 235 | 84 | 234.99 | 324,399 | 13.2 | 17.6 | 1,778 | 3,274 | 4,798 13.79 | 5,676 17.50 | 5,709 21.20 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 243 | 87 | 243.38 | 347,984 | 12.7 | 17.0 | 1,917 | 3,512 | 4,798 13.79 | 5,915 17.50 | | | | | | | | | | | | | | | | | | | | | | | | | | |



SPLIT-CELL CHART KEY:
 1. Top number is tank volume (x 1000) in US Gallons
 2. Bottom number is actual sidewall height with 44" high shell sheets

- Notes:**
- 100 mph wind speed
 - 25 psf live snow load
 - Seismic zone 0 & 1
 - Importance Factor, I = 1.25
 - Site Amplification Factor, S = 1.5
 - Specific gravity 1.0 @ STP
 - Structure height limitations dependent upon local soil conditions and construction techniques
 - AWWA Designates AWWA D103-97
 - Model Designation => Model Diameter & Model Sidewall Height
Example: Model Designation 4228 => 42' diameter & 28' height
 - For steel floor option: Add .678' X Capacity Per Foot (gallons) to listed capacities
 - No freeboard allowance except in the darker gray shaded areas at the far right end of the rows, where the freeboard is variable

Part#: 274400-000
 ECN#: 07387
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AWWA Seismic 0,1 English Units