



**CONVAULT FLORIDA, INC.**  
**5200 GALLON CYLINDRICAL**

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**This Chart Applies to Tanks Manufactured After 1 Jan 2000.**

When using these charts please take into consideration that fuel volume will change approximately .5% for every 10 degrees F change in Fuel temperature

Actual Capacity 5,225 Gallons      Inside Diameter 95.50 Inches      Inside Length 168.50 Inches

| Fraction Inches | 0           | 1/8         | 1/4         | 3/8         | 1/2         | 5/8         | 3/4         | 7/8         |
|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 95              | 5222        | 5223        | 5224        | 5225        | 5225        |             |             |             |
| 94              | 5208        | 5210        | 5212        | 5214        | 5216        | 5217        | 5219        | 5220        |
| 93              | 5188        | 5190        | 5193        | 5196        | 5198        | 5201        | 5203        | 5205        |
| 92              | 5163        | 5167        | 5170        | 5173        | 5176        | 5179        | 5182        | 5185        |
| 91              | 5136        | 5139        | 5143        | 5146        | 5150        | 5153        | 5157        | 5160        |
| <b>90</b>       | <b>5105</b> | <b>5109</b> | <b>5113</b> | <b>5116</b> | <b>5120</b> | <b>5124</b> | <b>5128</b> | <b>5132</b> |
| 89              | 5071        | 5075        | 5079        | 5084        | 5088        | 5092        | 5096        | 5100        |
| 88              | 5034        | 5039        | 5044        | 5048        | 5053        | 5057        | 5062        | 5066        |
| 87              | 4996        | 5001        | 5006        | 5011        | 5015        | 5020        | 5025        | 5030        |
| 86              | 4955        | 4960        | 4966        | 4971        | 4976        | 4981        | 4986        | 4991        |
| 85              | 4912        | 4918        | 4923        | 4929        | 4934        | 4939        | 4945        | 4950        |
| 84              | 4868        | 4874        | 4879        | 4885        | 4890        | 4896        | 4902        | 4907        |
| 83              | 4822        | 4828        | 4834        | 4839        | 4845        | 4851        | 4857        | 4862        |
| 82              | 4774        | 4780        | 4786        | 4792        | 4798        | 4804        | 4810        | 4816        |
| 81              | 4725        | 4731        | 4737        | 4743        | 4750        | 4756        | 4762        | 4768        |
| <b>80</b>       | <b>4674</b> | <b>4681</b> | <b>4687</b> | <b>4693</b> | <b>4700</b> | <b>4706</b> | <b>4712</b> | <b>4719</b> |
| 79              | 4622        | 4629        | 4635        | 4642        | 4648        | 4655        | 4661        | 4668        |
| 78              | 4569        | 4576        | 4582        | 4589        | 4596        | 4602        | 4609        | 4615        |
| 77              | 4514        | 4521        | 4528        | 4535        | 4542        | 4548        | 4555        | 4562        |
| 76              | 4459        | 4466        | 4473        | 4480        | 4487        | 4494        | 4500        | 4507        |
| 75              | 4402        | 4409        | 4416        | 4423        | 4430        | 4438        | 4445        | 4452        |
| 74              | 4344        | 4352        | 4359        | 4366        | 4373        | 4380        | 4388        | 4395        |
| 73              | 4286        | 4293        | 4300        | 4308        | 4315        | 4322        | 4330        | 4337        |
| 72              | 4226        | 4234        | 4241        | 4248        | 4256        | 4263        | 4271        | 4278        |
| 71              | 4166        | 4173        | 4181        | 4188        | 4196        | 4203        | 4211        | 4219        |
| <b>70</b>       | <b>4104</b> | <b>4112</b> | <b>4120</b> | <b>4127</b> | <b>4135</b> | <b>4143</b> | <b>4150</b> | <b>4158</b> |
| 69              | 4042        | 4050        | 4058        | 4066        | 4073        | 4081        | 4089        | 4097        |
| 68              | 3980        | 3988        | 3995        | 4003        | 4011        | 4019        | 4027        | 4035        |
| 67              | 3916        | 3924        | 3932        | 3940        | 3948        | 3956        | 3964        | 3972        |
| 66              | 3852        | 3860        | 3868        | 3876        | 3884        | 3892        | 3900        | 3908        |
| 65              | 3787        | 3796        | 3804        | 3812        | 3820        | 3828        | 3836        | 3844        |
| 64              | 3722        | 3730        | 3739        | 3747        | 3755        | 3763        | 3771        | 3779        |
| 63              | 3656        | 3665        | 3673        | 3681        | 3689        | 3698        | 3706        | 3714        |
| 62              | 3590        | 3599        | 3607        | 3615        | 3623        | 3632        | 3640        | 3648        |
| 61              | 3524        | 3532        | 3540        | 3549        | 3557        | 3565        | 3574        | 3582        |
| <b>60</b>       | <b>3456</b> | <b>3465</b> | <b>3473</b> | <b>3482</b> | <b>3490</b> | <b>3498</b> | <b>3507</b> | <b>3515</b> |
| 59              | 3389        | 3397        | 3406        | 3414        | 3423        | 3431        | 3440        | 3448        |
| 58              | 3321        | 3329        | 3338        | 3346        | 3355        | 3363        | 3372        | 3380        |
| 57              | 3253        | 3261        | 3270        | 3278        | 3287        | 3295        | 3304        | 3312        |
| 56              | 3184        | 3193        | 3201        | 3210        | 3219        | 3227        | 3236        | 3244        |
| 55              | 3116        | 3124        | 3133        | 3141        | 3150        | 3159        | 3167        | 3176        |
| 54              | 3047        | 3055        | 3064        | 3073        | 3081        | 3090        | 3098        | 3107        |
| 53              | 2977        | 2986        | 2995        | 3003        | 3012        | 3021        | 3029        | 3038        |
| 52              | 2908        | 2917        | 2926        | 2934        | 2943        | 2951        | 2960        | 2969        |
| 51              | 2839        | 2847        | 2856        | 2865        | 2873        | 2882        | 2891        | 2899        |
| <b>50</b>       | <b>2769</b> | <b>2778</b> | <b>2787</b> | <b>2795</b> | <b>2804</b> | <b>2813</b> | <b>2821</b> | <b>2830</b> |
| 49              | 2700        | 2708        | 2717        | 2726        | 2734        | 2743        | 2752        | 2760        |
| 48              | 2630        | 2639        | 2647        | 2656        | 2665        | 2673        | 2682        | 2691        |

| Fraction Inches | 0           | 1/8         | 1/4         | 3/8         | 1/2         | 5/8         | 3/4         | 7/8         |
|-----------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| 47              | 2560        | 2569        | 2578        | 2586        | 2595        | 2604        | 2612        | 2621        |
| 46              | 2491        | 2499        | 2508        | 2517        | 2525        | 2534        | 2543        | 2552        |
| 45              | 2421        | 2430        | 2438        | 2447        | 2456        | 2465        | 2473        | 2482        |
| 44              | 2352        | 2360        | 2369        | 2378        | 2386        | 2395        | 2404        | 2412        |
| 43              | 2282        | 2291        | 2299        | 2308        | 2317        | 2325        | 2334        | 2343        |
| 42              | 2213        | 2222        | 2230        | 2239        | 2248        | 2256        | 2265        | 2273        |
| 41              | 2144        | 2152        | 2161        | 2170        | 2178        | 2187        | 2196        | 2204        |
| <b>40</b>       | <b>2075</b> | <b>2084</b> | <b>2092</b> | <b>2101</b> | <b>2109</b> | <b>2118</b> | <b>2127</b> | <b>2135</b> |
| 39              | 2006        | 2015        | 2024        | 2032        | 2041        | 2049        | 2058        | 2066        |
| 38              | 1938        | 1947        | 1955        | 1964        | 1972        | 1981        | 1989        | 1998        |
| 37              | 1870        | 1878        | 1887        | 1895        | 1904        | 1912        | 1921        | 1930        |
| 36              | 1802        | 1811        | 1819        | 1828        | 1836        | 1845        | 1853        | 1862        |
| 35              | 1735        | 1743        | 1752        | 1760        | 1769        | 1777        | 1785        | 1794        |
| 34              | 1668        | 1676        | 1685        | 1693        | 1701        | 1710        | 1718        | 1727        |
| 33              | 1602        | 1610        | 1618        | 1626        | 1635        | 1643        | 1651        | 1660        |
| 32              | 1536        | 1544        | 1552        | 1560        | 1569        | 1577        | 1585        | 1593        |
| 31              | 1470        | 1478        | 1486        | 1495        | 1503        | 1511        | 1519        | 1527        |
| <b>30</b>       | <b>1405</b> | <b>1413</b> | <b>1421</b> | <b>1429</b> | <b>1438</b> | <b>1446</b> | <b>1454</b> | <b>1462</b> |
| 29              | 1341        | 1349        | 1357        | 1365        | 1373        | 1381        | 1389        | 1397        |
| 28              | 1277        | 1285        | 1293        | 1301        | 1309        | 1317        | 1325        | 1333        |
| 27              | 1214        | 1222        | 1230        | 1237        | 1245        | 1253        | 1261        | 1269        |
| 26              | 1152        | 1159        | 1167        | 1175        | 1183        | 1190        | 1198        | 1206        |
| 25              | 1090        | 1098        | 1105        | 1113        | 1121        | 1128        | 1136        | 1144        |
| 24              | 1029        | 1037        | 1044        | 1052        | 1059        | 1067        | 1075        | 1082        |
| 23              | 969         | 976         | 984         | 991         | 999         | 1006        | 1014        | 1021        |
| 22              | 910         | 917         | 925         | 932         | 939         | 947         | 954         | 962         |
| 21              | 852         | 859         | 866         | 873         | 881         | 888         | 895         | 903         |
| <b>20</b>       | <b>795</b>  | <b>802</b>  | <b>809</b>  | <b>816</b>  | <b>823</b>  | <b>830</b>  | <b>837</b>  | <b>845</b>  |
| 19              | 738         | 745         | 752         | 759         | 766         | 773         | 780         | 787         |
| 18              | 683         | 690         | 697         | 704         | 711         | 718         | 724         | 731         |
| 17              | 629         | 636         | 643         | 649         | 656         | 663         | 670         | 676         |
| 16              | 577         | 583         | 590         | 596         | 603         | 610         | 616         | 623         |
| 15              | 525         | 532         | 538         | 544         | 551         | 557         | 564         | 570         |
| 14              | 475         | 482         | 488         | 494         | 500         | 506         | 513         | 519         |
| 13              | 427         | 433         | 439         | 445         | 451         | 457         | 463         | 469         |
| 12              | 380         | 386         | 391         | 397         | 403         | 409         | 415         | 421         |
| 11              | 335         | 340         | 346         | 351         | 357         | 363         | 368         | 374         |
| <b>10</b>       | <b>291</b>  | <b>296</b>  | <b>302</b>  | <b>307</b>  | <b>312</b>  | <b>318</b>  | <b>323</b>  | <b>329</b>  |
| 9               | 249         | 254         | 259         | 265         | 270         | 275         | 280         | 286         |
| 8               | 210         | 214         | 219         | 224         | 229         | 234         | 239         | 244         |
| 7               | 172         | 177         | 181         | 186         | 191         | 195         | 200         | 205         |
| 6               | 137         | 141         | 146         | 150         | 154         | 159         | 163         | 168         |
| 5               | 105         | 108         | 112         | 116         | 120         | 125         | 129         | 133         |
| 4               | 75          | 79          | 82          | 86          | 89          | 93          | 97          | 101         |
| 3               | 49          | 52          | 55          | 58          | 62          | 65          | 68          | 72          |
| 2               | 27          | 29          | 32          | 35          | 37          | 40          | 43          | 46          |
| 1               | 9           | 11          | 13          | 15          | 17          | 20          | 22          | 24          |
| <b>0</b>        | <b>0</b>    | <b>0.4</b>  | <b>1</b>    | <b>2</b>    | <b>3</b>    | <b>5</b>    | <b>6</b>    | <b>8</b>    |