

This chart is based on dimensions used by Core Engineered Solutions, Inc.. When using these charts please take into consideration that fuel volume will change approximately .5% for every 10 degrees F change in fuel temperature.

## CONVAULT INCHES-TO-GALLONS CONVERSION CHART

### D 6000/4000 DW Gallon ConVault

|                         |               |              |               |
|-------------------------|---------------|--------------|---------------|
| (dimensions are inches) | <b>Length</b> | <b>Width</b> | <b>Height</b> |
| External Dimensions     | 343           | 96           | 105           |
| Internal Dimensions     |               |              |               |
| 6000 GALLON END         | 328 7/8       | 48 3/4       | 86 1/2        |
| 4000 GALLON END         | 328 7/8       | 32 1/2       | 86 1/2        |



| Inches | 6000 END<br>Gallons | 4000 END<br>Gallons | Inches | 6000 END<br>Gallons | 4000 END<br>Gallons | Inches | 6000 END<br>Gallons | 4000 END<br>Gallons |
|--------|---------------------|---------------------|--------|---------------------|---------------------|--------|---------------------|---------------------|
| 1/8    | 9                   | 6                   | 26     | 1805                | 1203                | 60     | 4164                | 2776                |
| 1/4    | 17                  | 12                  | 27     | 1874                | 1249                | 61     | 4234                | 2822                |
| 3/8    | 26                  | 17                  | 28     | 1943                | 1296                | 62     | 4303                | 2869                |
| 1/2    | 35                  | 23                  | 29     | 2013                | 1342                | 63     | 4373                | 2915                |
| 5/8    | 43                  | 29                  | 30     | 2082                | 1388                | 64     | 4442                | 2961                |
| 3/4    | 52                  | 35                  | 31     | 2152                | 1434                | 65     | 4511                | 3008                |
| 7/8    | 61                  | 40                  | 32     | 2221                | 1481                | 66     | 4581                | 3054                |
| 1      | 69                  | 46                  | 33     | 2290                | 1527                | 67     | 4650                | 3100                |
|        |                     |                     | 34     | 2360                | 1573                | 68     | 4720                | 3146                |
| 1      | 69                  | 46                  | 35     | 2429                | 1619                | 69     | 4789                | 3193                |
| 2      | 139                 | 93                  | 36     | 2499                | 1666                | 70     | 4858                | 3239                |
| 3      | 208                 | 139                 | 37     | 2568                | 1712                | 71     | 4928                | 3285                |
| 4      | 278                 | 185                 | 38     | 2637                | 1758                | 72     | 4997                | 3331                |
| 5      | 347                 | 231                 | 39     | 2707                | 1805                | 73     | 5067                | 3378                |
| 6      | 416                 | 278                 | 40     | 2776                | 1851                | 74     | 5136                | 3424                |
| 7      | 486                 | 324                 | 41     | 2846                | 1897                | 75     | 5205                | 3470                |
| 8      | 555                 | 370                 | 42     | 2915                | 1943                | 76     | 5275                | 3517                |
| 9      | 625                 | 416                 | 43     | 2984                | 1990                | 77     | 5344                | 3563                |
| 10     | 694                 | 463                 | 44     | 3054                | 2036                | 78     | 5414                | 3609                |
| 11     | 763                 | 509                 | 45     | 3123                | 2082                | 79     | 5483                | 3655                |
| 12     | 833                 | 555                 | 46     | 3193                | 2128                | 80     | 5552                | 3702                |
| 13     | 902                 | 602                 | 47     | 3262                | 2175                | 81     | 5622                | 3748                |
| 14     | 972                 | 648                 | 48     | 3331                | 2221                | 82     | 5691                | 3794                |
| 15     | 1041                | 694                 | 49     | 3401                | 2267                | 83     | 5761                | 3840                |
| 16     | 1110                | 740                 | 50     | 3470                | 2314                | 84     | 5830                | 3887                |
| 17     | 1180                | 787                 | 51     | 3540                | 2360                | 85     | 5899                | 3933                |
| 18     | 1249                | 833                 | 52     | 3609                | 2406                | 86     | 5969                | 3979                |
| 19     | 1319                | 879                 | 53     | 3678                | 2452                | 86 1/2 | 6004                | 4002                |
| 20     | 1388                | 925                 | 54     | 3748                | 2499                |        |                     |                     |
| 21     | 1458                | 972                 | 55     | 3817                | 2545                |        |                     |                     |
| 22     | 1527                | 1018                | 56     | 3887                | 2591                |        |                     |                     |
| 23     | 1596                | 1064                | 57     | 3956                | 2637                |        |                     |                     |
| 24     | 1666                | 1110                | 58     | 4026                | 2684                |        |                     |                     |
| 25     | 1735                | 1157                | 59     | 4095                | 2730                |        |                     |                     |