

This chart is based on dimensions used by Core ES. When using this chart 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

3000 Gallon ConVault

(all dimensions are inches)

	Length	Width	Height
External Dimensions	135	96	87
Internal Dimensions	121 1/4	81 3/8	68.875
Nominal Capacity	3000 Gallons		
100% Tank Capacity	2947 Gallons		42.7 Gallons-per-inch

Inches	Gallons	Inches	Gallons	Inches	Gallons	Inches	Gallons
1/8	5.3	18	747.5	38	1623.1	58 1/2	2498.7
1/4	10.7	18	768.8	38 1/2	1644.4	59	2520.1
3/8	16.0	18 1/2	790.2	39	1665.8	59 1/2	2541.4
1/2	21.4	19	811.5	39 1/2	1687.2	60	2562.8
5/8	26.7	19 1/2	832.9	40	1708.5	60 1/2	2584.1
3/4	32.0	20	854.3	40 1/2	1729.9	61	2605.5
7/8	37.4	20 1/2	875.6	41	1751.2	61 1/2	2626.8
1	42.7	21	897.0	41 1/2	1772.6	62	2648.2
1	42.7	21 1/2	918.3	42	1793.9	62 1/2	2669.6
1 1/2	64.1	22	939.7	42 1/2	1815.3	63	2690.9
2	85.4	22 1/2	961.0	43	1836.7	63 1/2	2712.3
2 1/2	106.8	23	982.4	43 1/2	1858.0	64	2733.6
3	128.1	23 1/2	1003.8	44	1879.4	64 1/2	2755.0
3 1/2	149.5	24	1025.1	44 1/2	1900.7	65	2776.3
4	170.9	24 1/2	1046.5	45	1922.1	65 1/2	2797.7
4 1/2	192.2	25	1067.8	45 1/2	1943.4	66	2819.1
5	213.6	25 1/2	1089.2	46	1964.8	66 1/2	2840.4
5 1/2	234.9	26	1110.5	46 1/2	1986.2	67	2861.8
6	256.3	26 1/2	1131.9	47	2007.5	67 1/2	2883.1
6 1/2	277.6	27	1153.2	47 1/2	2028.9	68	2904.5
7	299.0	27 1/2	1174.6	48	2050.2	68 1/2	2925.8
7 1/2	320.3	28	1196.0	48 1/2	2071.6	69	2947.2
8	341.7	28 1/2	1217.3	49	2092.9		
8 1/2	363.1	29	1238.7	49 1/2	2114.3		
9	384.4	29 1/2	1260.0	50	2135.6		
9 1/2	405.8	30	1281.4	50 1/2	2157.0		
10	427.1	30 1/2	1302.7	51	2178.4		
10 1/2	448.5	31	1324.1	51 1/2	2199.7		
11	469.8	31 1/2	1345.5	52	2221.1		
11 1/2	491.2	32	1366.8	52 1/2	2242.4		
12	512.6	32 1/2	1388.2	53	2263.8		
12 1/2	533.9	33	1409.5	53 1/2	2285.1		
13	555.3	33 1/2	1430.9	54	2306.5		
13 1/2	576.6	34	1452.2	54 1/2	2327.9		
14	598.0	34 1/2	1473.6	55	2349.2		
14 1/2	619.3	35	1495.0	55 1/2	2370.6		
15	640.7	35 1/2	1516.3	56	2391.9		
15 1/2	662.1	36	1537.7	56 1/2	2413.3		
16	683.4	36 1/2	1559.0	57	2434.6		
16 1/2	704.8	37	1580.4	57 1/2	2456.0		
17	726.1	37 1/2	1601.7	58	2477.3		