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This chart is based on dimensions used by ConVault, Inc., Denair, California. 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

E 4000 Gallon High Profile ConVault (4000/4000 end-to-end)

(All dimensions are inches)

	Length	Width	Height
External Dimensions	277	96	105
Internal Dim. (each compartment)	131.44	82.38	86
Nominal Cap. (each compartment)	4,000 Gallons		
100% Capacity (each compartment)	4,030.6 Gallons		46.87 Gallons-per-Inch

Inches	Gallons	Inches	Gallons	Inches	Gallons	Inches	Gallons
1/8	6	16	750	40	1875	64	3000
1/4	12	17	797	41	1922	65	3046
3/8	18	18	844	42	1968	66	3093
1/2	23	19	890	43	2015	67	3140
5/8	29	20	937	44	2062	68	3187
3/4	35	21	984	45	2109	69	3234
7/8	41	22	1031	46	2156	70	3281
1	47	23	1078	47	2203	71	3328
		24	1125	48	2250	72	3374
1	47	25	1172	49	2297	73	3421
2	94	26	1219	50	2343	74	3468
3	141	27	1265	51	2390	75	3515
4	187	28	1312	52	2437	76	3562
5	234	29	1359	53	2484	77	3609
6	281	30	1406	54	2531	78	3656
7	328	31	1453	55	2578	79	3703
8	375	32	1500	56	2625	80	3749
9	422	33	1547	57	2671	81	3796
10	469	34	1593	58	2718	82	3843
11	516	35	1640	59	2765	83	3890
12	562	36	1687	60	2812	84	3937
13	609	37	1734	61	2859	85	3984
14	656	38	1781	62	2906	86	4030.6
15	703	39	1828	63	2953		