



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
E5000/3000 Gallon HP ConVault (end-to-end)

(dimensions are inches)	Length	Width	Height	100% Tank Capacity	Gallons per Inch
External Dimensions	277	96	105		
Internal Dimensions					
5000 GALLON END	164.06	82.38	86.0	5,031	58.50
3000 GALLON END	98.81	82.38	86.0	3,030	35.23

Inches	5000 END Gallons	3000 END Gallons	Inches	5000 END Gallons	3000 END Gallons	Inches	5000 END Gallons	3000 END Gallons
1/8	7	4	24	1404	846	56	3276	1973
1/4	15	9	25	1463	881	57	3335	2008
3/8	22	13	26	1521	916	58	3393	2044
1/2	29	18	27	1580	951	59	3452	2079
5/8	37	22	28	1638	987	60	3510	2114
3/4	44	26	29	1697	1022	61	3569	2149
7/8	51	31	30	1755	1057	62	3627	2185
1	59	35	31	1814	1092	63	3686	2220
			32	1872	1127	64	3744	2255
1	59	35	33	1931	1163	65	3803	2290
2	117	70	34	1989	1198	66	3861	2325
3	176	106	35	2048	1233	67	3920	2361
4	234	141	36	2106	1268	68	3978	2396
5	293	176	37	2165	1304	69	4037	2431
6	351	211	38	2223	1339	70	4095	2466
7	410	247	39	2282	1374	71	4154	2502
8	468	282	40	2340	1409	72	4212	2537
9	527	317	41	2399	1445	73	4271	2572
10	585	352	42	2457	1480	74	4329	2607
11	644	388	43	2516	1515	75	4388	2643
12	702	423	44	2574	1550	76	4446	2678
13	761	458	45	2633	1586	77	4505	2713
14	819	493	46	2691	1621	78	4563	2748
15	878	529	47	2750	1656	79	4622	2784
16	936	564	48	2808	1691	80	4680	2819
17	995	599	49	2867	1726	81	4739	2854
18	1053	634	50	2925	1762	82	4797	2889
19	1112	669	51	2984	1797	83	4856	2924
20	1170	705	52	3042	1832	84	4914	2960
21	1229	740	53	3101	1867	85	4973	2995
22	1287	775	54	3159	1903	86	5031	3030
23	1346	810	55	3218	1938			