



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**  
**E3000/1000 Gallon DW ConVault (end-to-end)**

(dimensions are inches)	Length	Width	Height	100% Tank Capacity	Gallons per Inch
External Dimensions	146	96	105		
Internal Dimensions					
<b>3000 GALLON END</b>	98.88	82.38	86.0	<b>3,032</b>	<b>35.26</b>
<b>1000 GALLON END</b>	33.00	82.38	86.0	<b>1,012</b>	<b>11.77</b>

Inches	3000 END Gallons	1000 END Gallons	Inches	3000 END Gallons	1000 END Gallons	Inches	3000 END Gallons	1000 END Gallons
1/8	4	1	24	846	282	56	1974	659
1/4	9	3	25	881	294	57	2010	671
3/8	13	4	26	917	306	58	2045	682
1/2	18	6	27	952	318	59	2080	694
5/8	22	7	28	987	329	<b>60</b>	<b>2115</b>	<b>706</b>
3/4	26	9	29	1022	341	61	2151	718
7/8	31	10	<b>30</b>	<b>1058</b>	<b>353</b>	62	2186	730
1	35	12	31	1093	365	63	2221	741
			32	1128	377	64	2256	753
1	35	12	33	1163	388	65	2292	765
2	71	24	34	1199	400	66	2327	777
3	106	35	35	1234	412	67	2362	788
4	141	47	36	1269	424	68	2397	800
5	176	59	37	1304	435	69	2433	812
6	212	71	38	1340	447	<b>70</b>	<b>2468</b>	<b>824</b>
7	247	82	39	1375	459	71	2503	835
8	282	94	<b>40</b>	<b>1410</b>	<b>471</b>	72	2538	847
9	317	106	41	1446	482	73	2574	859
<b>10</b>	<b>353</b>	<b>118</b>	42	1481	494	74	2609	871
11	388	129	43	1516	506	75	2644	883
12	423	141	44	1551	518	76	2679	894
13	458	153	45	1587	530	77	2715	906
14	494	165	46	1622	541	78	2750	918
15	529	177	47	1657	553	79	2785	930
16	564	188	48	1692	565	<b>80</b>	<b>2821</b>	<b>941</b>
17	599	200	49	1728	577	81	2856	953
18	635	212	<b>50</b>	<b>1763</b>	<b>588</b>	82	2891	965
19	670	224	51	1798	600	83	2926	977
<b>20</b>	<b>705</b>	<b>235</b>	52	1833	612	84	2962	988
21	740	247	53	1869	624	85	2997	1000
22	776	259	54	1904	635	86	3032	1012
23	811	271	55	1939	647			