

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

### E3100/2100 DW Gallon ConVault (end-to-end)

(dimensions are inches)	Length	Width	Height
External Dimensions	186	96	106
Internal Dimensions			
3100 GALLON END	102	81 3/4	86
2100 GALLON END	70 1/8	81 3/4	86



Inches	3100 END Gallons	2100 END Gallons	Inches	3100 END Gallons	2100 END Gallons	Inches	3100 END Gallons	2100 END Gallons
1/8	5	3	26	939	645	60	2166	1489
1/4	9	6	27	975	670	61	2202	1514
3/8	14	9	28	1011	695	62	2238	1539
1/2	18	12	29	1047	720	63	2274	1563
5/8	23	16	30	1083	745	64	2310	1588
3/4	27	19	31	1119	769	65	2346	1613
7/8	32	22	32	1155	794	66	2382	1638
1	36	25	33	1191	819	67	2419	1663
			34	1227	844	68	2455	1688
1	36	25	35	1263	869	69	2491	1712
2	72	50	36	1300	893	70	2527	1737
3	108	74	37	1336	918	71	2563	1762
4	144	99	38	1372	943	72	2599	1787
5	180	124	39	1408	968	73	2635	1812
6	217	149	40	1444	993	74	2671	1836
7	253	174	41	1480	1017	75	2707	1861
8	289	199	42	1516	1042	76	2743	1886
9	325	223	43	1552	1067	77	2779	1911
10	361	248	44	1588	1092	78	2816	1936
11	397	273	45	1624	1117	79	2852	1961
12	433	298	46	1660	1142	80	2888	1985
13	469	323	47	1697	1166	81	2924	2010
14	505	347	48	1733	1191	82	2960	2035
15	541	372	49	1769	1216	83	2996	2060
16	578	397	50	1805	1241	84	3032	2085
17	614	422	51	1841	1266	85	3068	2109
18	650	447	52	1877	1290	86	3104	2134
19	686	472	53	1913	1315			
20	722	496	54	1949	1340			
21	15	24	55	1985	1365			
22	25	34	56	2021	1390			
23	36	46	57	2058	1415			
24	48	60	58	2094	1439			
25	62	75	59	2130	1464			