

Roth EcoDWT plus 3 Fill Chart

		400L 110 gal			620L 165 gal			1000L 275 gal			1000LH 275 gal			1500L 400 gal		
Fuel Level		Fuel Content			Fuel Content			Fuel Content			Fuel Content			Fuel Content		
in.	mm	US gal	Liters	% Full	US gal	Liters	% Full	US gal	Liters	% Full	US gal	Liters	% Full	US gal	Liters	% Full
1	25.4															
2	50.8															
3	76.2	5	19	4%	5	19	3%	9	34	3%	11	40	2%	11	40	2%
4	101.6	9	34	8%	9	34	5%	15	57	5%	16	60	6%	22	82	5%
5	127.0	10	38	9%	10	38	6%	16	61	6%	21	80	8%	28	106	
6	152.4	14	53	12%	14	53	9%	24	91	9%	26	100	10%	34	130	8%
7	177.8	16	61	14%	16	61	10%	27	102	10%	32	120	12%	40	154	
8	203.2	18	68	16%	18	68	11%	31	117	11%	37	140	13%	47	178	11%
9	228.6	22	83	19%	22	83	14%	38	144	14%	42	160	15%	54	203	
10	254.0	25	95	22%	25	95	16%	42	159	16%	48	180	17%	60	228	14%
11	279.4	27	102	23%	27	102	17%	45	170	17%	53	200	19%	67	254	
12	304.8	29	110	25%	29	110	18%	48	182	18%	58	220	21%	74	280	17%
13	330.2	34	129	30%	34	129	21%	57	216	21%	63	240	23%	81	307	
14	355.6	36	136	31%	36	136	22%	60	227	22%	69	260	25%	88	334	20%
15	381.0	38	144	33%	38	144	23%	64	242	23%	74	280	27%	95	360	
16	406.4	40	151	35%	40	151	25%	68	257	25%	79	300	29%	102	387	24%
17	431.8	45	170	39%	45	170	27%	75	284	27%	85	320	31%	109	413	
18	457.2	47	178	41%	47	178	29%	79	299	29%	90	340	33%	116	440	27%
19	482.6	49	185	43%	49	185	30%	82	310	30%	95	360	35%	123	465	
20	508.0	51	193	44%	51	193	31%	86	326	31%	100	380	37%	129	490	30%
21	533.4	56	212	49%	56	212	34%	93	352	34%	106	400	39%	136	515	
22	558.8	58	220	50%	58	220	35%	97	367	35%	111	420	40%	143	540	33%
23	584.2	60	227	52%	60	227	37%	101	382	37%	116	440	42%	150	565	
24	609.6	65	246	57%	65	246	39%	108	409	39%	122	460	44%	156	590	36%
25	635.0	67	254	58%	67	254	41%	113	428	41%	127	480	46%	163	615	
26	660.4	70	265	61%	70	265	42%	116	439	42%	132	500	48%	169	640	39%
27	685.8	72	273	63%	72	273	44%	120	454	44%	137	520	50%	176	665	
28	711.2	77	291	67%	77	291	47%	128	484	47%	143	540	52%	182	690	42%
29	736.6	79	299	69%	79	299	48%	132	500	48%	148	560	54%	189	715	
30	762.0	81	307	70%	81	307	49%	125	511	49%	153	580	56%	196	740	45%
31	787.4	84	318	73%	84	318	51%	140	530	51%	159	600	58%	203	765	
32	812.8	89	337	77%	89	337	54%	148	56	54%	164	620	60%	209	790	48%
33	838.2	91	344	79%	91	344	55%	152	575	55%	169	640	62%	216	815	
34	863.6	93	352	81%	93	352	57%	156	590	57%	174	660	64%	222	840	51%
35	889.0	98	371	85%	98	371	59%	164	621	59%	180	680	66%	229	865	
36	914.4	100	379	87%	100	379	61%	167	632	61%	185	700	67%	235	890	54%
37	939.8	102	386	89%	102	386	62%	171	647	62%	190	720	69%	242	915	
38	965.2	104	394	90%	104	394	63%	174	659	63%	196	740	71%	248	940	57%
39	990.6	109	413	95%	109	413	66%	182	689	66%	200	760	73%	255	965	
40	1016.0				112	424	68%	186	704	68%	206	780	75%	262	990	60%
41	1041.4				114	431	69%	190	719	69%	211	800	77%	269	1015	
42	1066.8				116	439	70%	193	731	70%	217	820	79%	275	1040	63%
43	1092.2				120	454	73%	201	761	73%	222	840	81%	282	1065	
44	1117.6				123	466	75%	205	776	75%	227	860	83%	288	1090	67%
45	1143.0				125	473	76%	209	791	76%	232	880	85%	295	1117	
46	1168.4				127	481	77%	213	806	77%	238	900	87%	302	1143	70%
47	1193.8				132	500	80%	221	836	80%	243	920	89%	309	1170	
48	1219.2				134	507	82%	224	848	82%	248	940	92%	316	1196	73%
49	1244.6				137	519	83%	228	863	83%	254	960	95%	323	1223	
50	1270.0				141	534	86%	236	896	86%				330	1250	76%
51	1295.4				144	545	87%	240	908	87%				337	1278	
52	1320.8				146	553	89%	245	927	89%				345	1305	80%
53	1346.2				148	560	90%	248	939	90%				352	1333	
54	1371.6				153	579	93%	255	965	93%				359	1360	83%
55	1397.0				155	587	94%	259	980	94%				367	1390	
56	1422.4				157	594	95%	263	995	95%				375	1420	87%
57	1447.8													383	1450	
58	1473.2													391	1480	90%
59	1498.6													399	1510	
60	1524.0													407	1540	94%
61	1549.4													412	1560	95%

Any fuel oil storage tank can only be filled to a maximum of 95% capacity to allow for expansion when fuel is warmed.

Filling above the 95% level is not permitted

The length of the vent whistle may further reduce the maximum fill level.