



ADVANCED TECHNOLOGY. TOTAL COMFORT.

Roth DWT Fuel Content by Fill Height

400L
110 (gal)

620L
165 (gal)

1000L
275 (gal)

Fuel Level	
in	mm
1	25.4
2	50.8
3	76.2
4	101.6
5	127.0
6	152.4
7	177.8
8	203.2
9	228.6
10	254.0
11	279.4
12	304.8
13	330.2
14	355.6
15	381.0
16	406.4
17	431.8
18	457.2
19	482.6
20	508.0
21	533.4
22	558.8
23	584.2
24	609.6
25	635.0
26	660.4
27	685.8
28	711.2
29	736.6
30	762.0
31	787.4
32	812.8
33	838.2
34	863.6
35	889.0
36	914.4
37	939.8
38	965.2
39	990.6
40	1016.0
41	1041.4
42	1066.8
43	1092.2
44	1117.6
45	1143.0
46	1168.4
47	1193.8
48	1219.2
49	1244.6
50	1270.0
51	1295.4
52	1320.8
53	1346.2
54	1371.6
55	1397.0
56	1422.4

Fuel Content		
US gal	Litres	% Full
5	19	4%
9	34	8%
10	38	9%
14	53	12%
16	61	14%
18	68	16%
22	83	19%
25	95	22%
27	102	23%
29	110	25%
34	129	30%
36	136	31%
38	144	33%
40	151	35%
45	170	39%
47	178	41%
49	185	43%
51	193	44%
56	212	49%
58	220	50%
60	227	52%
65	246	57%
67	254	58%
70	265	61%
72	273	63%
77	291	67%
79	299	69%
81	307	70%
84	318	73%
89	337	77%
91	344	79%
93	352	81%
98	371	85%
100	379	87%
102	386	89%
104	394	90%
109	413	95%

Fuel Content		
US gal	Litres	% Full
5	19	3%
9	34	5%
10	38	6%
14	53	9%
16	61	10%
18	68	11%
22	83	14%
25	95	16%
27	102	17%
29	110	18%
34	129	21%
36	136	22%
38	144	23%
40	151	25%
45	170	27%
47	178	29%
49	185	30%
51	193	31%
56	212	34%
58	220	35%
60	227	37%
65	246	39%
67	254	41%
70	265	42%
72	273	44%
77	291	47%
79	299	48%
81	307	49%
84	318	51%
89	337	54%
91	344	55%
93	352	57%
98	371	59%
100	379	61%
102	386	62%
104	394	63%
109	413	66%
112	424	68%
114	431	69%
116	439	70%
120	454	73%
123	466	75%
125	473	76%
127	481	77%
132	500	80%
134	507	82%
137	519	83%
141	534	86%
144	545	87%
146	553	89%
148	560	90%
153	579	93%
155	587	94%
157	594	95%

Fuel Content		
US gal	Litres	% Full
9	34	3%
15	57	5%
16	61	6%
24	91	9%
27	102	10%
31	117	11%
38	144	14%
42	159	16%
45	170	17%
48	182	18%
57	216	21%
60	227	22%
64	242	23%
68	257	25%
75	284	27%
79	299	29%
82	310	30%
86	326	31%
93	352	34%
97	367	35%
101	382	37%
108	409	39%
113	428	41%
116	439	42%
120	454	44%
128	484	47%
132	500	48%
135	511	49%
140	530	51%
148	560	54%
152	575	55%
156	590	57%
164	621	59%
167	632	61%
171	647	62%
174	659	63%
182	689	66%
186	704	68%
190	719	69%
193	731	70%
201	761	73%
205	776	75%
209	791	76%
213	806	77%
221	836	80%
224	848	82%
228	863	83%
236	893	86%
240	908	87%
245	927	89%
248	939	90%
255	965	93%
259	980	94%
263	995	95%

*Any fuel oil storage tank can only be filled to a maximum of 95% capacity.
Filling in this area is not permitted!*

The length of the Roth Vent Whistle tube may further reduce the maximum fill.

1000LH**275 (gal) Low Height**

Fuel Level		Fuel Content		
in	mm	US gal	Litres	% Full
1	25.4			
2	50.8	5	20	2%
3	76.2	11	40	4%
4	101.6	16	60	6%
5	127.0	21	80	8%
6	152.4	26	100	10%
7	177.8	32	120	12%
8	203.2	37	140	13%
9	228.6	42	160	15%
10	254.0	48	180	17%
10.5	266.7	53	200	19%
11	279.4	58	220	21%
12	304.8	63	240	23%
13	330.2	69	260	25%
14	355.6	74	280	27%
15	381.0	79	300	29%
16	406.4	85	320	31%
17	431.8	90	340	33%
18	457.2	95	360	35%
19	482.6	100	380	37%
19	482.6	106	400	39%
20	508.0	111	420	40%
21	533.4	116	440	42%
22	558.8	122	460	44%
23	584.2	127	480	46%
24	609.6	132	500	48%
25	635.0	137	520	50%
25	635.0	143	540	52%
26	660.4	148	560	54%
27	685.8	153	580	56%
28	711.2	159	600	58%
29	736.6	164	620	60%
30	762.0	169	640	62%
31	787.4	174	660	64%
31.5	800.1	180	680	66%
32	812.8	185	700	67%
33	838.2	190	720	69%
34	863.6	196	740	71%
35	889.0	201	760	73%
36	914.4	206	780	75%
37	939.8	211	800	77%
38	965.2	217	820	79%
39	990.6	222	840	81%
39.5	1003.3	227	860	83%
40	1016.0	232	880	85%
41	1041.4	238	900	87%
42	1066.8	243	920	89%
43	1092.2	248	940	91%
44	1117.6	254	960	92%
45	1143.0	259	980	94%
46	1168.4	262	990	95%

1500L

Fuel Level		Fuel Content		
in	mm	US gal	Litres	% Full
1	25.4			
2	50.8	11	40	2%
3	76.2	17	61	
4	101.6	22	82	5%
5	127.0	28	106	
6	152.4	34	130	8%
7	177.8	40	154	
8	203.2	47	178	11%
9	228.6	54	203	
10	254.0	60	228	14%
11	279.4	67	254	
12	304.8	74	280	17%
13	330.2	81	257	
14	355.6	88	334	20%
15	381.0	95	360	
16	406.4	102	387	24%
17	431.8	109	413	
18	457.2	116	440	27%
19	482.6	123	465	
20	508.0	129	490	30%
21	533.4	136	515	
22	558.8	143	540	33%
23	584.2	150	565	
24	609.6	156	590	36%
25	635.0	163	615	
26	660.4	169	640	39%
27	685.8	176	665	
28	711.2	182	690	42%
29	736.6	189	715	
30	762.0	196	740	45%
31	787.4	203	765	
32	812.8	209	790	48%
33	838.2	216	815	
34	863.6	222	840	51%
35	889.0	229	865	
36	914.4	235	890	54%
37	939.8	242	915	
38	965.2	248	940	57%
39	990.6	255	965	
40	1016.0	262	990	60%
41	1041.4	269	1015	
42	1066.8	275	1040	63%
43	1092.2	282	1065	
44	1117.6	288	1090	67%
45	1143.0	295	1117	
46	1168.4	302	1143	70%
47	1193.8	309	1170	
48	1219.2	316	1196	73%
49	1244.6	323	1223	
50	1270.0	330	1250	76%
51	1295.4	337	1278	
52	1320.8	345	1305	80%
53	1346.2	352	1333	
54	1371.6	359	1360	83%
55	1397.0	367	1390	
56	1422.4	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%



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