



Highland Tank

Tank Gauge Charts

unmatched quality & service

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for product information and installation instructions

**Important Reminder - Please remember to
check for and remove any accumulated water
from the bottom of the tank on a regular basis**

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Basement Oil Storage Tanks

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137 Gallon Capacity

27" x 44 $\frac{1}{4}$ " x 30"

Basement Oil Storage/Vertical



In.	Ga.	In.	Ga.	In.	Ga.
1	1	16	46	31	99
2	3	17	50	32	102
3	5	18	53	33	106
4	7	19	57	34	109
5	10	20	60	35	112
6	12	21	64	36	116
7	15	22	67	37	118
8	18	23	71	38	122
9	22	24	74	39	125
10	25	25	78	40	127
11	29	26	81	41	130
12	32	27	85	42	132
13	35	28	88	43	134
14	39	29	92	44	135

230 Gallon Capacity

22" x 44 $\frac{1}{4}$ " x 60"

Basement Oil Storage/Vertical

In.	Ga.	In.	Ga.	In.	Ga.
1	2	16	78	31	164
2	5	17	84	32	169
3	8	18	89	33	175
4	12	19	95	34	181
5	17	20	101	35	187
6	22	21	107	36	192
7	27	22	112	37	198
8	32	23	118	38	203
9	38	24	124	39	208
10	44	25	129	40	213
11	49	26	135	41	217
12	55	27	141	42	221
13	61	28	147	43	224
14	67	29	152	44	226

275 Gallon Capacity

27" x 44 $\frac{1}{4}$ " x 60"

Basement Oil Storage/Vertical



In.	Ga.	In.	Ga.	In.	Ga.
1	2	16	94	31	200
2	5	17	101	32	207
3	9	18	108	33	214
4	14	19	115	34	221
5	19	20	122	35	228
6	25	21	129	36	235
7	31	22	136	37	242
8	38	23	143	38	248
9	44	24	151	39	254
10	51	25	158	40	259
11	58	26	165	41	264
12	65	27	172	42	268
13	72	28	179	43	271
14	79	29	186	44	275

330 Gallon Capacity

27" x 44 $\frac{1}{4}$ " x 72"

Basement Oil Storage/Vertical

In.	Ga.	In.	Ga.	In.	Ga.
1	3	16	110	31	237
2	6	17	119	32	245
3	11	18	127	33	253
4	17	19	136	34	262
5	23	20	144	35	270
6	30	21	152	36	278
7	37	22	161	37	285
8	44	23	169	38	292
9	52	24	178	39	299
10	60	25	186	40	306
11	68	26	194	41	311
12	77	27	203	42	317
13	85	28	211	43	320
14	93	29	220	44	325

137 Gallon Capacity

44 $\frac{1}{4}$ " x 27" x 30"

Basement Oil Storage/Horizontal



In.	Ga.	In.	Ga.	In.	Ga.
1	3	11	53	21	109
2	7	12	59	22	114
3	11	13	65	23	119
4	16	14	70	24	124
5	21	15	76	25	128
6	26	16	82	26	132
7	31	17	87	27	136
8	36	18	93		
9	42	19	99		
10	47	20	104		

230 Gallon Capacity

44 $\frac{1}{4}$ " x 22" x 60"

Basement Oil Storage/Horizontal

In.	Ga.	In.	Ga.	In.	Ga.
1	7	11	113	21	219
2	16	12	124	22	226
3	25	13	136		
4	35	14	147		
5	46	15	158		
6	57	16	169		
7	67	17	180		
8	78	18	191		
9	90	19	200		
10	102	20	210		

275 Gallon Capacity

44 $\frac{1}{4}$ " x 27" x 60"

Basement Oil Storage/Horizontal



In.	Ga.	In.	Ga.	In.	Ga.
1	7	11	109	21	222
2	14	12	120	22	233
3	23	13	132	23	243
4	32	14	143	24	252
5	42	15	155	25	261
6	53	16	166	26	268
7	63	17	178	27	275
8	75	18	189		
9	86	19	200		
10	97	20	212		

330 Gallon Capacity

44 $\frac{1}{4}$ " x 27" x 72"

Basement Oil Storage/Horizontal

In.	Ga.	In.	Ga.	In.	Ga.
1	8	11	127	21	261
2	17	12	141	22	274
3	27	13	154	23	286
4	38	14	169	24	297
5	50	15	182	25	307
6	62	16	196	26	316
7	74	17	211	27	324
8	87	18	223		
9	101	19	236		
10	114	20	249		

180 Gallon Capacity

60" x 22" x 33"

Bench Top



In.	Ga.	In.	Ga.	In.	Ga.
1	6	16	91	31	177
2	12	17	97	32	183
3	17	18	103	33	189
4	23	19	109		
5	29	20	114		
6	34	21	120		
7	40	22	126		
8	46	23	131		
9	51	24	137		
10	57	25	143		
11	63	26	149		
12	69	27	154		
13	74	28	160		
14	80	29	166		
15	86	30	171		

280 Gallon Capacity

60" x 30" x 36"

Bench Top

In.	Ga.	In.	Ga.	In.	Ga.
1	8	16	125	31	242
2	16	17	133	32	249
3	23	18	140	33	257
4	31	19	148	34	265
5	39	20	156	35	273
6	47	21	164	36	281
7	55	22	171		
8	62	23	179		
9	70	24	187		
10	78	25	195		
11	86	26	203		
12	94	27	210		
13	101	28	218		
14	109	29	226		
15	117	30	234		

350 Gallon Capacity

60" x 42" x 33"

Bench Top



In.	Ga.	In.	Ga.	In.	Ga.
1	11	16	175	31	338
2	22	17	185	32	349
3	33	18	196	33	60
4	44	19	207		
5	55	20	218		
6	66	21	229		
7	77	22	240		
8	87	23	251		
9	98	24	262		
10	109	25	273		
11	120	26	284		
12	131	27	295		
13	142	28	305		
14	153	29	316		
15	164	30	327		

500 Gallon Capacity

72" x 50" x 33"

Bench Top

In.	Ga.	In.	Ga.	In.	Ga.
1	16	16	249	31	483
2	31	17	265	32	499
3	49	18	281	33	514
4	62	19	296		
5	78	20	312		
6	94	21	327		
7	109	22	343		
8	125	23	358		
9	140	24	374		
10	156	25	390		
11	171	26	405		
12	187	27	421		
13	202	28	436		
14	218	29	452		
15	234	30	468		

120 Gallon Capacity

30" x 40"

Hopper Series



In.	Ga.	In.	Ga.	In.	Ga.
1	3	16	49	31	95
2	6	17	52	32	98
3	9	18	55	33	101
4	12	19	58	34	104
5	15	20	61	35	107
6	18	21	64	36	110
7	21	22	67	37	113
8	25	23	70	38	116
9	28	24	73	39	119
10	31	25	77	40	122
11	34	26	80		
12	37	27	83		
13	40	28	86		
14	43	29	89		

185 Gallon Capacity

38" x 40"

Hopper Series

In.	Ga.	In.	Ga.	In.	Ga.
1	5	16	79	31	152
2	10	17	84	32	157
3	15	18	88	33	162
4	20	19	93	34	167
5	25	20	98	35	172
6	30	21	103	36	177
7	34	22	108	37	182
8	39	23	113	38	187
9	44	24	118	39	192
10	50	25	123	40	196
11	54	26	128		
12	59	27	133		
13	64	28	138		
14	69	29	142		

285 Gallon Capacity

46" x 40"

Hopper Series



In.	Ga.	In.	Ga.	In.	Ga.
1	7	16	115	31	223
2	14	17	122	32	230
3	22	18	130	33	237
4	29	19	137	34	245
5	36	20	144	35	252
6	43	21	151	36	259
7	50	22	158	37	266
8	58	23	166	38	273
9	65	24	173	39	281
10	72	25	180	40	288
11	79	26	187		
12	86	27	194		
13	94	28	201		
14	101	29	209		

500 Gallon Capacity

62" x 40"

Hopper Series

In.	Ga.	In.	Ga.	In.	Ga.
1	13	16	209	31	405
2	26	17	222	32	418
3	39	18	235	33	431
4	52	19	248	34	444
5	65	20	261	35	457
6	78	21	274	36	471
7	92	22	288	37	484
8	105	23	301	38	497
9	118	24	314	39	510
10	131	25	327	40	523
11	144	26	340		
12	157	27	353		
13	170	28	366		
14	183	29	379		

1,000 Gallon Capacity

84" x 42"

Hopper Series



In.	Ga.	In.	Ga.
1	24	31	744
2	48	32	768
3	72	33	792
4	96	34	816
5	120	35	840
6	144	36	864
7	168	37	888
8	192	38	912
9	216	39	936
10	240	40	960
11	264	41	984
12	288	42	1008
13	312		
14	336		
15	360		
16	384		
17	408		
18	432		
19	456		
20	480		
21	504		
22	528		
23	552		
24	576		
25	600		
26	624		
27	648		
28	672		
29	696		
30	720		

2,000 Gallon Capacity

108" x 51"

Hopper Series



In.	Ga.	In.	Ga.
1	40	31	1229
2	79	32	1269
3	119	33	1309
4	159	34	1348
5	198	35	1388
6	238	36	1428
7	278	37	1467
8	317	38	1507
9	357	39	1547
10	397	40	1586
11	436	41	1626
12	476	42	1666
13	516	43	1705
14	555	44	1745
15	595	45	1785
16	635	46	1824
17	674	47	1864
18	714	48	1903
19	753	49	1943
20	793	50	1983
21	833	51	2022
22	872		
23	912		
24	952		
25	991		
26	1031		
27	1071		
28	1110		
29	1150		
30	1190		

128 Gallon Capacity

28" x 48"

Indoor Vertical



In.	Ga.	In.	Ga.
1	3	31	83
2	5	32	85
3	8	33	88
4	11	34	91
5	13	35	93
6	16	36	96
7	19	37	99
8	21	38	101
9	24	39	104
10	27	40	107
11	29	41	109
12	32	42	112
13	35	43	115
14	37	44	117
15	40	45	120
16	43	46	123
17	45	47	125
18	48	48	128
19	51		
20	53		
21	56		
22	59		
23	61		
24	64		
25	67		
26	69		
27	72		
28	75		
29	77		
30	80		

160 Gallon Capacity

28" x 60"

Indoor Vertical



In.	Ga.	In.	Ga.
1	3	31	83
2	5	32	85
3	8	33	88
4	11	34	91
5	13	35	93
6	16	36	96
7	19	37	99
8	21	38	101
9	24	39	104
10	27	40	107
11	29	41	109
12	32	42	112
13	35	43	115
14	37	44	117
15	40	45	120
16	43	46	123
17	45	47	125
18	48	48	128
19	51	49	131
20	53	50	133
21	56	51	136
22	59	52	139
23	61	53	141
24	64	54	144
25	67	55	147
26	69	56	149
27	72	57	152
28	75	58	155
29	77	59	157
30	80	60	160

192 Gallon Capacity

28" x 72"

Indoor Vertical



In.	Ga.	In.	Ga.	In.	Ga.
1	3	36	96	71	189
2	5	37	99	72	192
3	8	38	101		
4	11	39	104		
5	13	40	107		
6	16	41	109		
7	19	42	112		
8	21	43	115		
9	24	49	117		
10	27	45	120		
11	29	46	123		
12	32	47	125		
13	35	48	128		
14	37	49	131		
15	40	50	133		
16	43	51	136		
17	45	52	139		
18	48	53	141		
19	51	54	144		
20	53	55	147		
21	56	56	149		
22	59	57	152		
23	61	58	155		
24	64	59	157		
25	67	60	160		
26	69	61	163		
27	72	62	166		
28	75	63	168		
29	77	64	171		
30	80	65	173		
31	83	66	176		
32	85	67	179		
33	88	68	181		
34	91	69	184		
35	93	70	187		

240 Gallon Capacity

38" x 4'0"

Horizontal



In.	Ga.	In.	Ga.	In.	Ga.
1	2	16	94	31	206
2	5	17	102	32	212
3	9	18	110	33	217
4	13	19	118	34	222
5	18	20	126	35	227
6	24	21	134	36	231
7	30	22	141	37	234
8	36	23	149	38	236
9	43	24	157		
10	50	25	164		
11	57	26	172		
12	64	27	179		
13	71	28	186		
14	79	29	193		
15	87	30	200		

300 Gallon Capacity

38" x 5'0"

Horizontal

In.	Ga.	In.	Ga.	In.	Ga.
1	2	16	118	31	257
2	6	17	128	32	265
3	11	18	137	33	272
4	17	19	147	34	278
5	23	20	157	35	284
6	30	21	167	36	287
7	37	22	177	37	293
8	45	23	187	38	295
9	53	24	196		
10	62	25	206		
11	71	26	215		
12	80	27	224		
13	89	28	233		
14	99	29	241		
15	108	30	249		

500 Gallon Capacity

48" x 5'5"

Horizontal



In.	Ga.	In.	Ga.
1	2	31	347
2	7	32	360
3	13	33	373
4	20	34	385
5	28	35	397
6	36	36	409
7	46	37	421
8	55	38	432
9	66	39	443
10	76	40	453
11	88	41	463
12	99	42	472
13	111	43	481
14	123	44	488
15	135	45	495
16	148	46	501
17	161	47	506
18	174	48	509
19	187		
20	200		
21	214		
22	227		
23	241		
24	254		
25	268		
26	281		
27	295		
28	308		
29	321		
30	334		

1,000 Gallon Capacity

48" x 10'9"

Horizontal



In.	Ga.	In.	Ga.
1	5	31	683
2	14	32	709
3	26	33	733
4	40	34	757
5	55	35	781
6	72	36	804
7	90	37	827
8	110	38	849
9	130	39	870
10	151	40	890
11	173	41	910
12	196	42	928
13	219	43	945
14	243	44	960
15	267	45	974
16	291	46	986
17	317	47	995
18	342	48	1000
19	368		
20	394		
21	420		
22	447		
23	474		
24	500		
25	526		
26	553		
27	580		
28	606		
29	632		
30	658		

1,000 Gallon Capacity

64" x 6'0"

Horizontal



In.	Ga.	In.	Ga.
1	3	36	581
2	10	37	601
3	17	38	620
4	26	39	640
5	36	40	659
6	48	41	679
7	60	42	698
8	72	43	716
9	86	44	735
10	100	45	753
11	115	46	771
12	130	47	789
13	146	48	807
14	162	49	824
15	179	50	841
16	196	51	857
17	214	52	873
18	231	53	888
19	249	54	903
20	268	55	917
21	286	56	930
22	305	57	943
23	324	58	955
24	343	59	966
25	362	60	977
26	382	61	986
27	402	62	993
28	422	63	999
29	442	64	1003
30	462		
31	481		
32	501		
33	521		
34	541		
35	561		

1,500 Gallon Capacity

64" x 9'0"

Horizontal



In.	Ga.	In.	Ga.
1	5	36	872
2	14	37	901
3	25	38	930
4	38	39	959
5	54	40	988
6	71	41	1017
7	89	42	1046
8	108	43	1075
9	129	44	1102
10	150	45	1130
11	172	46	1157
12	195	47	1184
13	219	48	1210
14	243	49	1236
15	268	50	1261
16	294	51	1285
17	320	52	1309
18	347	53	1331
19	374	54	1353
20	401	55	1375
21	429	56	1395
22	458	57	1414
23	487	58	1433
24	516	59	1450
25	545	60	1466
26	574	61	1478
27	603	62	1490
28	632	63	1499
29	661	64	1500
30	690		
31	720		
32	752		
33	784		
34	814		
35	843		

2,000 Gallon Capacity

64" x 12'0"

Horizontal



In.	Ga.	In.	Ga.
1	7	36	1162
2	19	37	1202
3	34	38	1241
4	52	39	1281
5	73	40	1319
6	95	41	1358
7	119	42	1396
8	145	43	1433
9	172	44	1471
10	200	45	1507
11	230	46	1543
12	260	47	1579
13	292	48	1614
14	325	49	1648
15	358	50	1681
16	392	51	1714
17	427	52	1746
18	463	53	1776
19	499	54	1806
20	535	55	1834
21	573	56	1861
22	610	57	1887
23	648	58	1911
24	687	59	1933
25	725	60	1954
26	765	61	1972
27	804	62	1987
28	844	63	1999
29	883	64	2000
30	923		
31	963		
32	1003		
33	1043		
34	1083		
35	1123		

2,500 Gallon Capacity

64" x 15'0"

Horizontal



In.	Ga.	In.	Ga.
1	8	36	1446
2	23	37	1495
3	43	38	1544
4	65	39	1593
5	90	40	1641
6	118	41	1689
7	148	42	1736
8	180	43	1783
9	214	44	1830
10	249	45	1875
11	286	46	1920
12	324	47	1965
13	363	48	2008
14	404	49	2050
15	446	50	2092
16	488	51	2133
17	531	52	2172
18	576	53	2210
19	621	54	2247
20	666	55	2292
21	713	56	2316
22	760	57	2348
23	807	58	2378
24	855	59	2406
25	903	60	2431
26	952	61	2453
27	1001	62	2473
28	1050	63	2488
29	1100	64	2500
30	1149		
31	1198		
32	1248		
33	1298		
34	1347		
35	1396		

3,000 Gallon Capacity

64" x 18'0"

Horizontal



In.	Ga.	In.	Ga.
1	10	36	1738
2	28	37	1797
3	51	38	1856
4	78	39	1914
5	109	40	1972
6	142	41	2030
7	178	42	2086
8	217	43	2143
9	257	44	2199
10	300	45	2254
11	344	46	2308
12	390	47	2361
13	437	48	2413
14	486	49	2464
15	536	50	2514
16	587	51	2563
17	639	52	2610
18	692	53	2656
19	746	54	2700
20	801	55	2743
21	857	56	2783
22	914	57	2822
23	970	58	2858
24	1028	59	2891
25	1086	60	2922
26	1144	61	2949
27	1203	62	2972
28	1262	63	2990
29	1322	64	3000
30	1381		
31	1441		
32	1500		
33	1559		
34	1619		
35	1678		

4,000 Gallon Capacity

64" x 24'0"

Horizontal



In.	Ga.	In.	Ga.
1	13	36	2316
2	37	37	2394
3	68	38	2473
4	104	39	2551
5	145	40	2628
6	189	41	2705
7	237	42	2781
8	288	43	2856
9	342	44	2930
10	399	45	3003
11	458	46	3075
12	519	47	3146
13	582	48	3216
14	647	49	3284
15	713	50	3350
16	781	51	3415
17	851	52	3478
18	922	53	3539
19	994	54	3598
20	1067	55	3655
21	1141	56	3709
22	1216	57	3760
23	1292	58	3808
24	1369	59	3852
25	1446	60	3893
26	1524	61	3929
27	1603	62	3960
28	1681	63	3984
29	1760	64	4000
30	1840		
31	1919		
32	1998		
33	2078		
34	2157		
35	2237		

4,000 Gallon Capacity

72" x 19'0"

Horizontal



In.	Ga.	In.	Ga.	In.	Ga.
1	11	36	2009	71	4008
2	31	37	2080	72	4019
3	57	38	2151		
4	88	39	2222		
5	122	40	2293		
6	160	41	2364		
7	201	42	2434		
8	244	43	2504		
9	290	44	2573		
10	338	45	2642		
11	388	46	2711		
12	440	47	2779		
13	494	48	2846		
14	550	49	2913		
15	607	50	2979		
16	665	51	3044		
17	725	52	3108		
18	786	53	3171		
19	848	54	3233		
20	911	55	3294		
21	975	56	3354		
22	1040	57	3412		
23	1106	58	3469		
24	1173	59	3525		
25	1240	60	3578		
26	1308	61	3630		
27	1377	62	3681		
28	1456	63	3729		
29	1515	64	3775		
30	1585	65	3818		
31	1655	66	3859		
32	1726	67	3896		
33	1796	68	3931		
34	1867	69	3961		
35	1938	70	3987		

4,000 Gallon Capacity

96" x 10'6"

Horizontal



In.	Ga.	In.	Ga.	In.	Ga.
1	7	36	1352	71	3131
2	20	37	1403	72	3176
3	37	38	1454	73	3221
4	56	39	1506	74	3266
5	78	40	1557	75	3309
6	103	41	1609	76	3352
7	129	42	1661	77	3394
8	157	43	1713	78	3436
9	187	44	1765	79	3476
10	218	45	1817	80	3516
11	251	46	1869	81	3554
12	285	47	1922	82	3592
13	320	48	1974	83	3628
14	357	49	2026	84	3663
15	394	50	2079	85	3697
16	433	51	2131	86	3730
17	472	52	2183	87	3761
18	513	53	2235	88	3791
19	554	54	2287	89	3819
20	596	55	2339	90	3845
21	639	56	2391	91	3870
22	683	57	2443	92	3892
23	727	58	2494	93	3911
24	772	59	2545	94	3928
25	818	60	2596	95	3941
26	864	61	2646	96	3948
27	911	62	2697		
28	958	63	2747		
29	1006	64	2796		
30	1054	65	2845		
31	1103	66	2894		
32	1152	67	2942		
33	1202	68	2990		
34	1252	69	3038		

5,000 Gallon Capacity

96" x 13'4"

Horizontal



In.	Ga.	In.	Ga.	In.	Ga.
1	9	36	1717	71	3975
2	25	37	1782	72	4033
3	47	38	1847	73	4091
4	70	39	1912	74	4147
5	100	40	1977	75	4202
6	130	41	2043	76	4257
7	164	42	2109	77	4310
8	200	43	2175	78	4363
9	237	44	2241	79	4414
10	277	45	2307	80	4464
11	319	46	2374	81	4513
12	362	47	2440	82	4561
13	406	48	2507	83	4607
14	453	49	2573	84	4652
15	500	50	2640	85	4695
16	549	51	2706	86	4736
17	599	52	2772	87	4776
18	651	53	2839	88	4814
19	703	54	2905	89	4850
20	757	55	2971	90	4883
21	811	56	3036	91	4914
22	861	57	3102	92	4942
23	923	58	3167	93	4967
24	980	59	3232	94	4988
25	1038	60	3296	95	5004
26	1097	61	3361	96	5013
27	1156	62	3424		
28	1216	63	3488		
29	1277	64	3551		
30	1338	65	3613		
31	1400	66	3675		
32	1463	67	3736		
33	1526	68	3797		
34	1589	69	3857		

5,000 Gallon Capacity

72" x 23'10"

Horizontal



In.	Ga.	In.	Ga.	In.	Ga.
1	29	36	2517	71	5005
2	57	37	2603	72	5033
3	86	38	2688		
4	114	39	2774		
5	143	40	2860		
6	172	41	2946		
7	200	42	3032		
8	315	43	3146		
9	372	44	3232		
10	429	45	3318		
11	486	46	3403		
12	543	47	3489		
13	629	48	3575		
14	686	49	3632		
15	772	50	3718		
16	829	51	3804		
17	915	52	3890		
18	972	53	3975		
19	1058	54	4061		
20	1144	55	4118		
21	1230	56	4204		
22	1316	57	4261		
23	1401	58	4347		
24	1459	59	4404		
25	1544	60	4490		
26	1630	61	4547		
27	1716	62	4605		
28	1802	63	4662		
29	1888	64	4719		
30	2002	65	4776		
31	2088	66	4833		
32	2174	67	4891		
33	2259	68	4919		
34	2345	69	4948		
35	2431	70	4976		

6,000 Gallon Capacity

96" x 16'0"

Horizontal



In.	Ga.	In.	Ga.	In.	Ga.
1	11	36	2061	71	4770
2	30	37	2138	72	4840
3	56	38	2216	73	4909
4	86	39	2294	74	4976
5	120	40	2373	75	5043
6	156	41	2451	76	5108
7	197	42	2531	77	5172
8	240	43	2610	78	5235
9	285	44	2689	79	5297
10	332	45	2769	80	5357
11	382	46	2849	81	5416
12	434	47	2928	82	5473
13	488	48	3008	83	5528
14	543	49	3088	84	5582
15	600	50	3168	85	5634
16	659	51	3247	86	5684
17	719	52	3327	87	5731
18	781	53	3406	88	5777
19	844	54	3486	89	5819
20	908	55	3565	90	5860
21	973	56	3643	91	5897
22	1040	57	3722	92	5930
23	1108	58	3800	93	5960
24	1176	59	3878	94	5986
25	1246	60	3956	95	6005
26	1316	61	4033	96	6016
27	1388	62	4109		
28	1459	63	4185		
29	1533	64	4261		
30	1606	65	4336		
31	1681	66	4410		
32	1755	67	4484		
33	1831	68	4556		
34	1907	69	4629		

6,000 Gallon Capacity

72" x 28'8"

Horizontal



In.	Ga.	In.	Ga.	In.	Ga.
1	34	36	3027	71	6020
2	69	37	3130	72	6054
3	103	38	3234		
4	138	39	3337		
5	172	40	3440		
6	206	41	3543		
7	241	42	3646		
8	378	43	3784		
9	447	44	3887		
10	516	45	3990		
11	585	46	4094		
12	654	47	4197		
13	757	48	4300		
14	826	49	4369		
15	929	50	4472		
16	998	51	4575		
17	1101	52	4678		
18	1170	53	4782		
19	1273	54	4885		
20	1376	55	4954		
21	1479	56	5057		
22	1582	57	5126		
23	1686	58	5229		
24	1754	59	5298		
25	1858	60	5401		
26	1961	61	5470		
27	2064	62	5538		
28	2167	63	5607		
29	2270	64	5676		
30	2408	65	5745		
31	2511	66	5814		
32	2641	67	5882		
33	2718	68	5917		
34	2821	69	5951		
35	2924	70	5986		

8,000 Gallon Capacity

120" x 14'0"

Horizontal



In.	Ga.	In.	Ga.	In.	Ga.
1	11	41	2483	81	5907
2	30	42	2566	82	5989
3	55	43	2649	83	6070
4	84	44	2733	84	6150
5	117	45	2817	85	6230
6	154	46	2902	86	6309
7	193	47	2987	87	6387
8	236	48	3072	88	6464
9	280	49	3158	89	6541
10	327	50	3244	90	6617
11	377	51	3330	91	6692
12	428	52	3417	92	6767
13	481	53	3503	93	6840
14	537	54	3590	94	6912
15	593	55	3677	95	6984
16	652	56	3764	96	7054
17	712	57	3851	97	7123
18	774	58	3938	98	7192
19	837	59	4025	99	7259
20	901	60	4113	100	7324
21	967	61	4200	101	7389
22	1034	62	4287	102	7452
23	1102	63	4374	103	7513
24	1171	64	4462	104	7573
25	1242	65	4549	105	7632
26	1313	66	4635	106	7689
27	1385	67	4722	107	7744
28	1459	68	4809	108	7797
29	1533	69	4895	109	7849
30	1608	70	4981	110	7898
31	1684	71	5067	111	7945
32	1761	72	5153	112	7990
33	1838	73	5238	113	8032
34	1917	74	5323	114	8072
35	1996	75	5408	115	8108
36	2075	76	5492	116	8141
37	2156	77	5576	117	8171
38	2237	78	5660	118	8195

8,000 Gallon Capacity

96" x 21'4"

Horizontal



In.	Ga.	In.	Ga.	In.	Ga.
1	15	41	3269	81	7221
2	41	42	3374	82	7297
3	74	43	3480	83	7371
4	114	44	3586	84	7443
5	159	45	3692	85	7512
6	209	46	3798	86	7578
7	262	47	3904	87	7642
8	319	48	4011	88	7702
9	380	49	4117	89	7759
10	443	50	4224	90	7813
11	510	51	4330	91	7862
12	579	52	4436	92	7907
13	650	53	4564	93	7947
14	724	54	4648	94	7981
15	800	55	4753	95	8007
16	879	56	4858	96	8021
17	959	57	4963		
18	1041	58	5067		
19	1125	59	5171		
20	1211	60	5274		
21	1298	61	5377		
22	1387	62	5479		
23	1477	63	5580		
24	1568	64	5681		
25	1661	65	5781		
26	1755	66	5880		
27	1850	67	5978		
28	1946	68	6075		
29	2043	69	6172		
30	2142	70	6267		
31	2241	71	6361		
32	2341	72	6453		
33	2441	73	6545		
34	2543	74	6635		
35	2645	75	6724		
36	2747	76	6811		
37	2851	77	6897		
38	2955	78	6980		
39	3059	79	7063		

10,000 Gallon Capacity

120" x 17'0"

Horizontal



In.	Ga.	In.	Ga.	In.	Ga.
1	13	41	3015	81	7173
2	36	42	3115	82	7272
3	66	43	3217	83	7370
4	102	44	3319	84	7468
5	142	45	3421	85	7564
6	187	46	3524	86	7660
7	235	47	3627	87	7755
8	286	48	3731	88	7850
9	340	49	3835	89	7943
10	397	50	3939	90	8035
11	457	51	4044	91	8127
12	520	52	4149	92	8217
13	584	53	4254	93	8306
14	651	54	4359	94	8394
15	721	55	4465	95	8480
16	792	56	4570	96	8566
17	865	57	4676	97	8650
18	939	58	4782	98	8733
19	1016	59	4888	99	8814
20	1094	60	4994	100	8894
21	1174	61	5100	101	8972
22	1255	62	5206	102	9048
23	1338	63	5312	103	9123
24	1422	64	5418	104	9196
25	1508	65	5523	105	9267
26	1594	66	5629	106	9336
27	1682	67	5734	107	9403
28	1771	68	5839	108	9468
29	1861	69	5944	109	9530
30	1953	70	6049	110	9590
31	2045	71	6153	111	9648
32	2138	72	6257	112	9702
33	2232	73	6361	113	9753
34	2327	74	6464	114	9801
35	2423	75	6567	115	9845
36	2520	76	6669	116	9886
37	2618	77	6771	117	9921
38	2716	78	6872	118	9951
39	2815	79	6972	119	9975
40	2914	80	7074	120	9988

10,000 Gallon Capacity

96" x 26'8"

Horizontal



In.	Ga.	In.	Ga.	In.	Ga.
1	18	41	4086	81	9026
2	50	42	4218	82	9122
3	94	43	4350	83	9214
4	140	44	4482	84	9304
5	200	45	4614	85	9390
6	260	46	4748	86	9472
7	328	47	4880	87	9552
8	400	48	5014	88	9628
9	474	49	5146	89	9700
10	554	50	5280	90	9766
11	638	51	5412	91	9828
12	724	52	5544	92	9884
13	812	53	5678	93	9934
14	906	54	5810	94	9976
15	1000	55	5942	95	10008
16	1098	56	6072	96	10026
17	1198	57	6204		
18	1302	58	6334		
19	1406	59	6464		
20	1514	60	6592		
21	1622	61	6722		
22	1722	62	6848		
23	1846	63	6976		
24	1960	64	7102		
25	2076	65	7226		
26	2194	66	7350		
27	2312	67	7472		
28	2432	68	7594		
29	2554	69	7714		
30	2676	70	7834		
31	2800	71	7950		
32	2926	72	8066		
33	3052	73	8182		
34	3178	74	8294		
35	3306	75	8404		
36	3434	76	8514		
37	3564	77	8620		
38	3694	78	8726		
39	3824	79	8828		

12,000 Gallon Capacity

120" x 20'6"

Horizontal



In.	Ga.	In.	Ga.	In.	Ga.
1	16	41	3635	81	8650
2	44	42	3757	82	8769
3	80	43	3879	83	8888
4	123	44	4002	84	9005
5	172	45	4125	85	9122
6	225	46	4249	86	9238
7	283	47	4374	87	9352
8	345	48	4499	88	9466
9	410	49	4624	89	9578
10	479	50	4750	90	9690
11	552	51	4876	91	9800
12	627	52	5003	92	9908
13	705	53	5130	93	10016
14	786	54	5257	94	10122
15	869	55	5384	95	10226
16	955	56	5511	96	10329
17	1043	57	5639	97	10431
18	1133	58	5766	98	10530
19	1225	59	5894	99	10628
20	1319	60	6022	100	10725
21	1416	61	6150	101	10819
22	1514	62	6278	102	10911
23	1613	63	6405	103	11002
24	1715	64	6533	104	11089
25	1818	65	6660	105	11175
26	1922	66	6788	106	11258
27	2028	67	6915	107	11339
28	2136	68	7041	108	11417
29	2245	69	7168	109	11493
30	2355	70	7294	110	11565
31	2466	71	7420	111	11634
32	2578	72	7545	112	11699
33	2692	73	7670	113	11761
34	2807	74	7795	114	11819
35	2922	75	7919	115	11872
36	3039	76	8042	116	11921
37	3157	77	8165	117	11964
38	3275	78	8287	118	12000

12,000 Gallon Capacity

96" x 32'0"

Horizontal



In.	Ga.	In.	Ga.	In.	Ga.
1	22	41	4903	81	10832
2	61	42	5061	82	10946
3	112	43	5220	83	11057
4	172	44	5379	84	11164
5	239	45	5538	85	11268
6	313	46	5697	86	11368
7	393	47	5856	87	11463
8	479	48	6016	88	11554
9	570	49	6176	89	11639
10	665	50	6336	90	11720
11	764	51	6495	91	11794
12	868	52	6654	92	11861
13	975	53	6813	93	11921
14	1086	54	6972	94	11972
15	1201	55	7130	95	12011
16	1318	56	7287	96	12033
17	1438	57	7444		
18	1562	58	7601		
19	1688	59	7756		
20	1816	60	7911		
21	1947	61	8066		
22	2080	62	8219		
23	2215	63	8371		
24	2352	64	8522		
25	2492	65	8672		
26	2632	66	8820		
27	2775	67	8967		
28	2919	68	9113		
29	3065	69	9258		
30	3212	70	9400		
31	3361	71	9541		
32	3511	72	9680		
33	3662	73	9818		
34	3814	74	9953		
35	3967	75	10086		
36	4121	76	10217		
37	4276	77	10345		
38	4432	78	10471		
39	4588	79	10594		

15,000 Gallon Capacity

120" x 25'6"

Horizontal



In.	Ga.	In.	Ga.	In.	Ga.
1	19	41	4522	81	10760
2	54	42	4673	82	10908
3	100	43	4825	83	11055
4	153	44	4978	84	11202
5	214	45	5132	85	11347
6	280	46	5286	86	11491
7	352	47	5441	87	11633
8	429	48	5596	88	11775
9	510	49	5752	89	11914
10	596	50	5909	90	12053
11	686	51	6066	91	12190
12	780	52	6223	92	12325
13	877	53	6381	93	12458
14	977	54	6539	94	12590
15	1081	55	6697	95	12720
16	1188	56	6856	96	12849
17	1297	57	7014	97	12975
18	1409	58	7173	98	13099
19	1524	59	7332	99	13221
20	1641	60	7491	100	13340
21	1761	61	7650	101	13458
22	1883	62	7809	102	13573
23	2007	63	7968	103	13685
24	2133	64	8126	104	13794
25	2261	65	8285	105	13901
26	2391	66	8443	106	14004
27	2523	67	8601	107	14105
28	2657	68	8759	108	14202
29	2792	69	8916	109	14296
30	2929	70	9073	110	14385
31	3067	71	9230	111	14471
32	3207	72	9386	112	14553
33	3349	73	9541	113	14630
34	3491	74	9696	114	14702
35	3635	75	9850	115	14768
36	3780	76	10004	116	14828
37	3926	77	10156	117	14882
38	4074	78	10309	118	14927

15,000 Gallon Capacity

96" x 40'0"

Horizontal



In.	Ga.	In.	Ga.	In.	Ga.
1	27	41	6129	81	13540
2	76	42	6327	82	13682
3	140	43	6525	83	13821
4	214	44	6723	84	13955
5	299	45	6922	85	14085
<hr/>					
6	391	46	7121	86	14209
7	492	47	7321	87	14329
8	599	48	7520	88	14442
9	712	49	7720	89	14549
10	831	50	7919	90	14649
<hr/>					
11	956	51	8118	91	14742
12	1085	52	8317	92	14826
13	1219	53	8516	93	14901
14	1358	54	8714	94	14964
15	1501	55	8912	95	15013
<hr/>					
16	1648	56	9109	96	15041
17	1798	57	9305		
18	1952	58	9501		
19	2110	59	9695		
20	2270	60	9889		
<hr/>					
21	2434	61	10081		
22	2600	62	10273		
23	2769	63	10463		
24	2940	64	10652		
25	3114	65	10839		
<hr/>					
26	3291	66	11025		
27	3469	67	11209		
28	3649	68	11391		
29	3832	69	11572		
30	4016	70	11750		
<hr/>					
31	4201	71	11926		
32	4389	72	12100		
33	4578	73	12272		
34	4768	74	12441		
35	4959	75	12607		
<hr/>					
36	5152	76	12770		
37	5345	77	12931		
38	5540	78	13088		
39	5736	79	13242		

20,000 Gallon Capacity

120" x 34'0"

Horizontal



In.	Ga.	In.	Ga.	In.	Ga.
1	26	46	7048	91	16253
2	73	47	7254	92	16433
3	133	48	7462	93	16611
4	204	49	7670	94	16787
5	285	50	7878	95	16961
6	373	51	8087	96	17131
7	469	52	8297	97	17300
8	572	53	8508	98	17465
9	681	54	8718	99	17628
10	795	55	8929	100	17787
11	915	56	9141	101	17944
12	1040	57	9352	102	18097
13	1169	58	9564	103	18246
14	1303	59	9776	104	18392
15	1441	60	9988	105	18535
16	1583	61	10200	106	18673
17	1730	62	10412	107	18806
18	1879	63	10624	108	18936
19	2032	64	10835	109	19061
20	2189	65	11046	110	19180
21	2348	66	11258	111	19295
22	2510	67	11468	112	19404
23	2676	68	11678	113	19506
24	2844	69	11888	114	19602
25	3015	70	12098	115	19691
26	3189	71	12306	116	19771
27	3364	72	12514	117	19843
28	3542	73	12721	118	19903
29	3723	74	12928	119	19950
30	3905	75	13134	120	19976
31	4090	76	13338		
32	4276	77	13542		
33	4465	78	13745		
34	4655	79	13947		
35	4847	80	14147		
36	5040	81	14346		
37	5235	82	14544		
38	5432	83	14741		
39	5630	84	14936		
40	5829	85	15129		
41	6029	86	15321		
42	6231	87	15511		
43	6433	88	15699		
44	6637	89	15886		
45	6842	90	16070		

20,000 Gallon Capacity

126" x 31'0"

Horizontal



In.	Ga.	In.	Ga.	In.	Ga.
1	24	46	6633	91	15528
2	68	47	6829	92	15709
3	124	48	7025	93	15887
4	191	49	7223	94	16066
5	266	50	7421	95	16242
6	349	51	7620	96	16416
7	439	52	7819	97	16587
8	535	53	8020	98	16757
9	636	54	8220	99	16925
10	744	55	8421	100	17090
11	856	56	8623	101	17253
12	973	57	8824	102	17414
13	1094	58	9027	103	17572
14	1220	59	9229	104	17727
15	1349	60	9431	105	17880
16	1482	61	9634	106	18030
17	1619	62	9837	107	18177
18	1760	63	10040	108	18320
19	1903	64	10243	109	18461
20	2050	65	10446	110	18597
21	2200	66	10649	111	18731
22	2353	67	10851	112	18860
23	2508	68	11053	113	18986
24	2666	69	11256	114	19107
25	2826	70	11457	115	19224
26	2990	71	11659	116	19336
27	3155	72	11860	117	19443
28	3323	73	12060	118	19545
29	3492	74	12260	119	19641
30	3664	75	12460	120	19731
31	3838	76	12659	121	19813
32	4014	77	12857	122	19889
33	4192	78	13055	123	19956
34	4371	79	13251	124	20002
35	4551	80	13447	125	20056
36	4734	81	13642	126	20080
37	4918	82	13836		
38	5104	83	14029		
39	5291	84	14221		
40	5479	85	14411		
41	5669	86	14601		
42	5859	87	14789		
43	6051	88	14976		
44	6244	89	15162		
45	6437	90	15346		

25,000 Gallon Capacity

126" x 38'9"

Horizontal



In.	Ga.	In.	Ga.	In.	Ga.
1	30	46	8291	91	19410
2	85	47	8536	92	19636
3	155	48	8782	93	19859
4	239	49	9028	94	20082
5	330	50	9276	95	20302
6	437	51	9525	96	20520
7	549	52	9774	97	20734
8	669	53	10024	98	20946
9	796	54	10275	99	21156
10	930	55	10526	100	21363
11	1070	56	10778	101	21567
12	1211	57	11030	102	21767
13	1368	58	11283	103	21965
14	1525	59	11536	104	22159
15	1687	60	11789	105	22350
16	1853	61	12043	106	22537
17	2024	62	12296	107	22721
18	2199	63	12550	108	22900
19	2379	64	12803	109	23076
20	2563	65	13057	110	23247
21	2750	66	13311	111	23413
22	2941	67	13564	112	23575
23	3135	68	13817	113	23732
24	3333	69	14070	114	23884
25	3533	70	14332	115	24030
26	3737	71	14574	116	24170
27	3944	72	14825	117	24304
28	4153	73	15075	118	24431
29	4365	74	15325	119	24551
30	4580	75	15575	120	24663
31	4797	76	15823	121	24767
32	5017	77	16071	122	24861
33	5241	78	16318	123	24944
34	5463	79	16564	124	25003
35	5689	80	16809	125	25070
36	5918	81	17052	126	25100
37	6148	82	17295		
38	6380	83	17536		
39	6613	84	17776		
40	6849	85	18014		
41	7086	86	18251		
42	7324	87	18487		
43	7564	88	18720		
44	7805	89	18952		
45	8047	90	19182		

30,000 Gallon Capacity

126" x 46'6"

Horizontal



In.	Ga.	In.	Ga.	In.	Ga.
1	36	46	9949	91	23293
2	102	47	10243	92	23564
3	186	48	10538	93	23831
4	286	49	10884	94	24099
5	400	50	11132	95	24363
6	524	51	11430	96	24623
7	658	52	11729	97	24881
8	802	53	12029	98	25136
9	955	54	12330	99	25387
10	1115	55	12631	100	25635
11	1284	56	12934	101	25880
12	1459	57	13236	102	26121
13	1641	58	13540	103	26358
14	1830	59	13843	104	26591
15	2024	60	14147	105	26820
16	2224	61	14451	106	27045
17	2429	62	14756	107	27265
18	2639	63	15060	108	27480
19	2855	64	15364	109	27691
20	3075	65	15669	110	27896
21	3299	66	15973	111	28096
22	3529	67	16276	112	28290
23	3762	68	16580	113	28479
24	3999	69	16883	114	28661
25	4240	70	17186	115	28836
26	4485	71	17488	116	29004
27	4732	72	17790	117	29165
28	4984	73	18090	118	29317
29	5239	74	18391	119	29461
30	5496	75	18690	120	29596
31	5757	76	18988	121	29720
32	6021	77	19286	122	29833
33	6289	78	19582	123	29933
34	6556	79	19877	124	30003
35	6827	80	20171	125	30083
36	7101	81	20463	126	30120
37	7377	82	20754		
38	7656	83	21043		
39	7936	84	21331		
40	8218	85	21617		
41	8503	86	21902		
42	8789	87	22184		
43	9076	88	22464		
44	9366	89	22742		
45	9657	90	23019		

40,000 Gallon Capacity

144" x 47'6"

Horizontal



In.	Ga.	In.	Ga.	In.	Ga.
1	39	51	12739	101	30112
2	111	52	13079	102	30436
3	204	53	13421	103	30758
4	313	54	13765	104	31077
5	437	55	14109	105	31394
6	573	56	14455	106	31709
7	720	57	14802	107	32021
8	878	58	15150	108	32330
9	1046	59	15499	109	32636
10	1222	60	15849	110	32939
11	1407	61	16200	111	33240
12	1600	62	16551	112	33537
13	1800	63	16904	113	33831
14	2007	64	17256	114	34121
15	2221	65	17610	115	34408
16	2441	66	17964	116	34691
17	2667	67	18318	117	34970
18	2899	68	18673	118	35246
19	3137	69	19028	119	35517
20	3380	70	19383	120	35784
21	3629	71	19738	121	36046
22	3882	72	20093	122	36305
23	4140	73	20449	123	36558
24	4402	74	20804	124	36806
25	4670	75	21159	125	37049
26	4941	76	21514	126	37287
27	5216	77	21868	127	37519
28	5495	78	22223	128	37746
29	5779	79	22577	129	37966
30	6065	80	22930	130	38180
31	6356	81	23283	131	38387
32	6650	82	23635	132	38587
33	6947	83	23986	133	38779
34	7247	84	24337	134	38964
35	7550	85	24687	135	39141
36	7857	86	25036	136	39308
37	8166	87	25384	137	39466
38	8478	88	25731	138	39613
39	8792	89	26077	139	39750
40	9109	90	26422	140	39873
41	9429	91	26765	141	39982
42	9750	92	27107	142	40075
43	10075	93	27448	143	40147
44	10401	94	27787	144	40186
45	10729	95	28124		
46	11060	96	28460		
47	11392	97	28794		
48	11726	98	29127		
49	12062	99	29457		
50	12399	100	29785		



Volume and Area Formulas



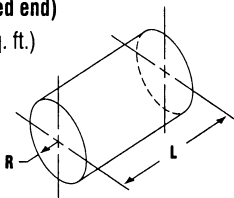
Formulas for Cylinders (closed end)

Surface Area in (sq. in.) or (sq. ft.)

- $A = 2(\pi RL) + 2(\pi R^2)$

Volume in (cu. in.) or (cu. ft.)

- $V = \pi R^2 L$



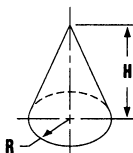
Formulas for Conical Shapes

Surface Area in (sq. in.) or (sq. ft.)

- $A = \pi R\sqrt{R^2 + H^2}$

Volume in (cu. in.) or (cu. ft.)

- $V = \frac{1}{3}\pi R^2 H$



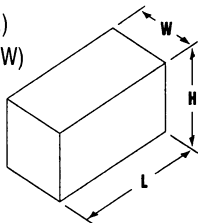
Formulas for Rectangular Shapes

Surface Area in (sq. in.) or (sq. ft.)

- $A = 2(W \times H) + 2(L \times H) + 2(L \times W)$

Volume in (cu. in.) or (cu. ft.)

- $V = L \times W \times H$












Cubic Volume to Gallons

$V = \text{Volume in (cu. ft.)} \times 7.48$

$V = \text{Volume in (cu. in.)} / 1728 \times 7.48$

U.S. Standard Gauge



Gauge	Size	Thickness	Decimal
000		$\frac{1}{2}$ "	.5000
00		$\frac{3}{8}$ "	.3750
0		$\frac{5}{16}$ "	.3125
3		$\frac{1}{4}$ "	.2500
7		$\frac{3}{16}$ "	.1875
8		$\frac{11}{64}$ "	.1718
10		$\frac{9}{64}$ "	.1406
12		$\frac{7}{64}$ "	.1093
14		$\frac{5}{64}$ "	.0781



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