



**BURSEY MANUFACTURING INC.**

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**HORIZONTAL CYLINDRICAL TANK VOLUME CHART**

This chart lists the calculated volume of liquid in a perfectly level, horizontal-axis, cylindrical tank based on the measured depth of liquid in the tank. The calculations are also based upon the assumption that the tank is perfectly cylindrical and is of the exact dimensions listed at the beginning of the chart.

This chart is produced in metric.

Capacity of tank with the following dimensions is: **46,021.93 liters / 10,123.61 Gal.**

Inside diameter of tank: 243.84 cm / 96.00 inches

Inside length of tank: 985.52 cm / 388.00 inches

Depth (cm)	Volume (liters)
1	20.49
2	57.89
3	106.23
4	163.34
5	227.99
6	299.33
7	376.73
8	459.70
9	547.84
10	640.83
11	738.38
12	840.25
13	946.24
14	1,056.14
15	1,169.80
16	1,287.06
17	1,407.77
18	1,531.81
19	1,659.07
20	1,789.43
21	1,922.80
22	2,059.07
23	2,198.17

24	2,340.00
25	2,484.48
26	2,631.55
27	2,781.13
28	2,933.16
29	3,087.57
30	3,244.30
31	3,403.29
32	3,564.49
33	3,727.84
34	3,893.29
35	4,060.80
36	4,230.31
37	4,401.77
38	4,575.15
39	4,750.40
40	4,927.48
41	5,106.35
42	5,286.97
43	5,469.29
44	5,653.29
45	5,838.93
46	6,026.17
47	6,214.99
48	6,405.33
49	6,597.18
50	6,790.50
51	6,985.26
52	7,181.43
53	7,378.98
54	7,577.88
55	7,778.10
56	7,979.62
57	8,182.40
58	8,386.42
59	8,591.66
60	8,798.09
61	9,005.67
62	9,214.40
63	9,424.23
64	9,635.16
65	9,847.14
66	10,060.17
67	10,274.22
68	10,489.26
69	10,705.27
70	10,922.24
71	11,140.13
72	11,358.92
73	11,578.60
74	11,799.15
75	12,020.53

76	12,242.74
77	12,465.75
78	12,689.54
79	12,914.10
80	13,139.39
81	13,365.40
82	13,592.12
83	13,819.52
84	14,047.59
85	14,276.30
86	14,505.63
87	14,735.58
88	14,966.11
89	15,197.21
90	15,428.87
91	15,661.06
92	15,893.77
93	16,126.98
94	16,360.67
95	16,594.82
96	16,829.42
97	17,064.44
98	17,299.88
99	17,535.72
100	17,771.93
101	18,008.50
102	18,245.41
103	18,482.65
104	18,720.20
105	18,958.04
106	19,196.16
107	19,434.54
108	19,673.16
109	19,912.01
110	20,151.07
111	20,390.32
112	20,629.75
113	20,869.34
114	21,109.08
115	21,348.94
116	21,588.91
117	21,828.99
118	22,069.14
119	22,309.35
120	22,549.61
121	22,789.90
122	23,030.21
123	23,270.52
124	23,510.80
125	23,751.06
126	23,991.26
127	24,231.40

128	24,471.46
129	24,711.42
130	24,951.26
131	25,190.97
132	25,430.54
133	25,669.94
134	25,909.16
135	26,148.19
136	26,387.00
137	26,625.59
138	26,863.93
139	27,102.00
140	27,339.80
141	27,577.30
142	27,814.49
143	28,051.35
144	28,287.86
145	28,524.02
146	28,759.79
147	28,995.16
148	29,230.12
149	29,464.65
150	29,698.73
151	29,932.34
152	30,165.47
153	30,398.10
154	30,630.20
155	30,861.77
156	31,092.79
157	31,323.23
158	31,553.07
159	31,782.31
160	32,010.92
161	32,238.88
162	32,466.17
163	32,692.78
164	32,918.68
165	33,143.85
166	33,368.29
167	33,591.95
168	33,814.84
169	34,036.92
170	34,258.17
171	34,478.58
172	34,698.12
173	34,916.77
174	35,134.51
175	35,351.33
176	35,567.18
177	35,782.07
178	35,995.95
179	36,208.82

- BMI Tank Volume Chart -

180	36,420.64
181	36,631.39
182	36,841.05
183	37,049.59
184	37,256.99
185	37,463.23
186	37,668.27
187	37,872.10
188	38,074.68
189	38,275.99
190	38,476.01
191	38,674.69
192	38,872.02
193	39,067.97
194	39,262.50
195	39,455.59
196	39,647.20
197	39,837.30
198	40,025.86
199	40,212.85
200	40,398.23
201	40,581.96
202	40,764.02
203	40,944.36
204	41,122.94
205	41,299.73
206	41,474.69
207	41,647.76
208	41,818.92
209	41,988.11
210	42,155.29
211	42,320.41
212	42,483.42
213	42,644.27
214	42,802.90
215	42,959.26
216	43,113.30
217	43,264.94
218	43,414.12
219	43,560.78
220	43,704.85
221	43,846.25
222	43,984.89
223	44,120.71
224	44,253.60
225	44,383.47
226	44,510.22
227	44,633.74
228	44,753.91
229	44,870.60
230	44,983.67
231	45,092.96

- BMI Tank Volume Chart -

232	45,198.30
233	45,299.50
234	45,396.34
235	45,488.57
236	45,575.91
237	45,658.01
238	45,734.48
239	45,804.79
240	45,868.30
241	45,924.11
242	45,970.87
243	46,006.19
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