

Capacity Chart

Model Diameter Ref.	SPR	Diameter (m)	Base Area (m ²)	Model Height Ref. and nominal height in metres					
				05 1.43m	10 2.83m	15 4.23m	20 5.63m	25 7.03m	30 8.43m
11	4	3.42	9.16	13.1	25.9	38.7	51.5	64.4	77.2
14	5	4.27	14.32	20.4	40.5	60.5	80.5	100.6	120.6
17	6	5.12	20.62	29.4	58.3	87.1	116	144.8	173.7
20	7	5.98	28.06	40	79.3	118.6	157.9	197.1	236.4
22	8	6.83	36.65	52.3	103.6	154.9	206.2	257.5	308.8
25	9	7.69	46.38	66.1	131.1	196	261	325.9	390.8
28	10	8.54	57.26	81.7	161.8	242	322.2	402.3	482.5
31	11	9.39	69.29	98.8	195.8	292.8	389.8	486.8	583.8
34	12	10.25	82.46	117.6	233	348.5	463.9	579.4	694.8
36	13	11.1	96.78	138	273.5	409	544.5	680	815.4
39	14	11.95	112.2	160.1	317.2	474.3	631.4	788.6	945.7
42	15	12.81	128.8	183.7	364.1	544.5	724.9	905.3	1085.6
45	16	13.66	146.6	209	414.3	619.5	824.7	1030	1235.2
48	17	14.52	165.5	236	467.7	699.4	931.1	1162.8	1394.4
50	18	15.37	185.5	264.6	524.3	784.1	1043.8	1303.6	1563.3
53	19	16.22	206.7	294.8	584.2	873.6	1163	1452.4	1741.9
56	20	17.08	229.1	326.6	647.3	968	1288.7	1609.4	1930
59	21	17.93	252.5	360.1	713.7	1067.2	1420.8	1774.3	2127.9
62	22	18.79	277.2	395.2	783.2	1171.3	1559.3	1947.3	2335.3
64	23	19.64	302.9	432	856.1	1280.2	1704.3	2128.4	2552.5
67	24	20.49	329.8	470.4	932.1	1393.9	1855.7	2317.5	2779.2
70	25	21.35	357.9	510.4	1011.4	1512.5	2013.5	2514.6	3015.7
73	26	22.2	387.1	552	1094	1635.9	2177.9	2719.8	3261.8
76	27	23.06	417.5	595.3	1179.7	1764.2	2348.6	2933	3517.5
78	28	23.91	449	640.2	1268.7	1897.3	2525.8	3154.3	3782.9
81	29	24.76	481.6	686.7	1361	2035.2	2709.4	3383.7	4057.9
84	30	25.62	515.4	734.9	1456.5	2178	2899.5	3621	4342.6
87	31	26.47	550.3	784.7	1555.2	2325.6	3096	3866.5	4636.9
90	32	27.32	586.4	836.2	1657.1	2478.1	3299	4119.9	4940.9
92	33	28.18	623.6	889.3	1762.3	2635.4	3508.4	4381.5	5254.5
95	34	29.03	662	944	1870.7	2797.5	3724.3	4651	5577.8
98	35	29.89	701.5	1000.3	1982.4	2964.5	3946.6	4928.6	5910.7
101	36	30.74	742.1	1058.3	2097.3	3136.3	4175.3	5214.3	6253.3

Notes:

1. The model reference consists of a diameter ref. in feet followed by a height ref. in feet - e.g. Model 5620 is 17.078m (approx 56ft) diameter x 5.626m (approx 20ft) high
2. The nominal height is measured from the centreline of the bottom horizontal row of bolt holes to the top edge of the top sheet.
3. The nominal volumes shown are based on nominal heights. No allowance is made for freeboard or foundation detail.
4. To obtain overall structure height over angles, take the nominal height and add 0.05m.
5. The diameters, nominal heights and capacities are applicable to standard slurry tanks fitted with standard top stiffener and foundation angles and are for guidance only.



Australia

57 Link Drive, Campbellfield, Victoria 3061
1800 PERMASTORE
sales@reliant-solutions.com.au
reliant-solutions.com.au

New Zealand

32 Benmore St, Invercargill 9810
0800 4 PERMASTORE
sales@reliant-solutions.co.nz
reliant-solutions.co.nz

Capacity Chart

Model Diameter Ref.	SPR	Diameter (m)	Base Area (m ²)	Model Height Ref. and nominal height in metres					
				05 1.43m	10 2.83m	15 4.23m	20 5.63m	25 7.03m	30 8.43m
104	37	31.59	783.95	1117.9	2215.4	3313	4410.5	5508	6605.5
106	38	32.45	826.89	1179.2	2336.8	3494.5	4652.1	5809.8	6967.4
109	39	33.3	870.99	1242	2461.4	3680.8	4900.2	6119.6	7338.9
112	40	34.16	916.23	1306.5	2589.3	3872	5154.7	6437.4	7720.1
115	41	35.01	962.61	1372.7	2720.3	4068	5415.6	6763.3	8110.9
118	42	35.86	1010.14	1440.5	2854.7	4268.8	5683	7097.2	8511.4
120	43	36.72	1058.81	1509.9	2992.2	4474.5	5956.9	7439.2	8921.6
123	44	37.57	1108.63	1580.9	3133	4685.1	6237.2	7789.3	9341.3
126	45	38.43	1159.6	1653.6	3277	4900.5	6523.9	8147.3	9770.8
129	46	39.28	1211.71	1727.9	3424.3	5120.7	6817.1	8513.5	10209.9
132	47	40.13	1264.96	1803.8	3574.8	5345.7	7116.7	8887.6	10658.6
134	48	40.99	1319.37	1881.4	3728.5	5575.6	7422.7	9269.9	11117
137	49	41.84	1374.91	1960.6	3885.5	5810.4	7735.3	9660.1	11585
140	50	42.69	1431.6	2041.5	4045.7	6050	8054.2	10058.4	12062.7
143	51	43.55	1489.44	2123.9	4209.2	6294.4	8379.6	10464.8	12550
146	52	44.4	1548.42	2208	4375.8	6543.6	8711.4	10879.2	13047
148	53	45.26	1608.55	2293.8	4545.8	6797.7	9049.7	11301.7	13553.6
151	54	46.11	1669.82	2381.2	4718.9	7056.7	9394.4	11732.2	14069.9
154	55	46.96	1732.24	2470.2	4895.3	7320.4	9745.6	12170.7	14595.8
157	56	47.82	1795.8	2560.8	5074.9	7589.1	10103.2	12617.3	
160	57	48.67	1860.51	2653.1	5257.8	7862.5	10467.2	13072	
162	58	49.53	1926.36	2747	5443.9	8140.8	10837.7	13534.6	
165	59	50.38	1993.36	2842.5	5633.2	8424	11214.7	14005.4	
168	60	51.23	2061.51	2939.7	5825.8	8711.9	11598	14484.2	
171	61	52.09	2130.8	3038.5	6021.6	9004.8	11987.9	14971	
174	62	52.94	2201.23	3139	6220.7	9302.4	12384.1	15465.9	
176	63	53.79	2272.81	3241	6423	9604.9	12786.8	15968.8	
179	64	54.65	2345.54	3344.7	6628.5	9912.2	13196	16479.8	
182	65	55.5	2419.41	3450.1	6837.2	10224.4	13611.6	16998.8	
185	66	56.36	2494.42	3557	7049.2	10541.4	14033.6	17525.8	
188	67	57.21	2570.59	3665.7	7264.5	10863.3	14462.1		
191	68	58.06	2647.89	3775.9	7482.9	11190	14897		
193	69	58.92	2726.34	3887.8	7704.6	11521.5	15338.4		

Notes:

1. The model reference consists of a diameter ref. in feet followed by a height ref. in feet - e.g. Model 5620 is 17.078m (approx 56ft) diameter x 5.626m (approx 20ft) high
2. The nominal height is measured from the centreline of the bottom horizontal row of bolt holes to the top edge of the top sheet.
3. The nominal volumes shown are based on nominal heights. No allowance is made for freeboard or foundation detail.
4. To obtain overall structure height over angles, take the nominal height and add 0.05m.
5. The diameters, nominal heights and capacities are applicable to standard slurry tanks fitted with standard top stiffener and foundation angles and are for guidance only.



Australia

57 Link Drive, Campbellfield, Victoria 3061
1800 PERMASTORE
sales@reliant-solutions.com.au
reliant-solutions.com.au

New Zealand

32 Benmore St, Invercargill 9810
0800 4 PERMASTORE
sales@reliant-solutions.co.nz
reliant-solutions.co.nz

Capacity Chart

Model Diameter Ref.	SPR	Diameter (m)	Base Area (m ²)	Model Height Ref. and nominal height in metres					
				05 1.43m	10 2.83m	15 4.23m	20 5.63m	25 7.03m	30 8.43m
196	70	59.77	2805.9	4001.3	7929.6	11857.9	15786.2		
199	71	60.63	2886.7	4116.4	8157.8	12199.1	16240.5		
202	72	61.48	2968.6	4233.2	8389.2	12545.2	16701.2		
207	74	63.19	3135.8	4471.6	8861.7	13251.8	17641.9		
205	73	62.33	3051.6	4351.6	8623.8	12896.1	17168.3		
210	75	64.04	3221.1	4593.3	9102.8	13612.4	18121.9		
213	76	64.9	3307.6	4716.6	9347.2	13977.8	18608.4		
216	77	65.75	3395.2	4841.5	9594.8	14348.1	19101.3		
219	78	66.6	3483.9	4968.1	9845.6	14723.2	19600.7		
221	79	67.46	3573.9	5096.3	10099.7	15103.1	20106.5		
224	80	68.31	3664.9	5226.2	10357	15487.9	20618.7		
227	81	69.16	3757.1	5357.6	10617.6	15877.5	21137.4		
230	82	70.02	3850.4	5490.7	10881.3	16272	21662.6		
233	83	70.87	3944.9	5625.5	11148.4	16671.3	1183.5		
235	84	71.73	4040.6	5761.8	11418.6	17075.4	1212.2		
238	85	72.58	4137.3	5899.8	11692.1	17484.4	1241.2		
241	86	73.43	4235.3	6039.5	11968.8	17898.2	1270.6		
244	87	74.29	4334.3	6180.7	12248.8	18316.8	1300.3		
247	88	75.14	4434.5	6323.6	12532	18740.3	1330.4		
249	89	76	4535.9	6468.2	12818.4	19168.7	1360.8		
252	90	76.85	4638.4	6614.3	13108.1	19601.8	1391.5		
255	91	77.7	4742	6762.2	13401	20039.9	1422.6		
258	92	78.56	4846.8	6911.6	13697.2	20482.7	1454.1		
261	93	79.41	4952.8	7062.7	13996.5	20930.4	1485.8		
263	94	80.27	5059.9	7215.4	14299.2	21383	1518		
266	95	81.12	5168.1	7369.7	14605	21840.3	1550.4		
269	96	81.97	5277.5	7525.7	14914.1	22302.5	1583.2		
272	97	82.83	5388	7683.3	15226.4	22769.6	1616.4		
275	98	83.68	5499.6	7842.5	15542	23241.5	1649.9		
277	99	84.53	5612.5	8003.4	15860.8	23718.2	1683.7		
280	100	85.39	5726.4	8165.9	16182.8	24199.8	1717.9		

Notes:

1. The model reference consists of a diameter ref. in feet followed by a height ref. in feet - e.g. Model 5620 is 17.078m (approx 56ft) diameter x 5.626m (approx 20ft) high
2. The nominal height is measured from the centreline of the bottom horizontal row of bolt holes to the top edge of the top sheet.
3. The nominal volumes shown are based on nominal heights. No allowance is made for freeboard or foundation detail.
4. To obtain overall structure height over angles, take the nominal height and add 0.05m.
5. The diameters, nominal heights and capacities are applicable to standard slurry tanks fitted with standard top stiffener and foundation angles and are for guidance only.



Australia

57 Link Drive, Campbellfield, Victoria 3061
1800 PERMASTORE
sales@reliant-solutions.com.au
reliant-solutions.com.au

New Zealand

32 Benmore St, Invercargill 9810
0800 4 PERMASTORE
sales@reliant-solutions.co.nz
reliant-solutions.co.nz