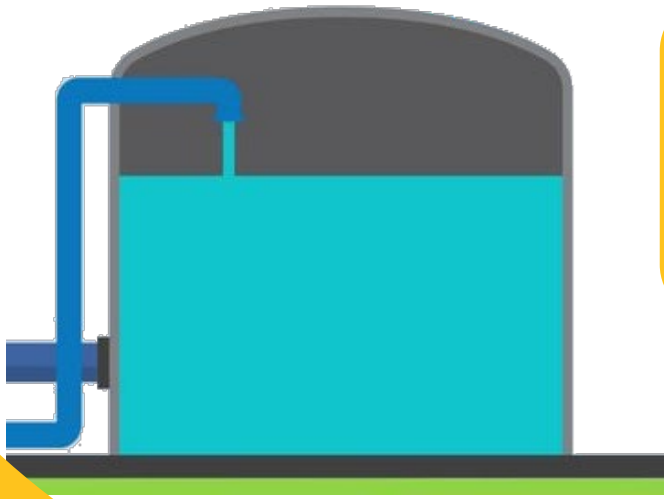




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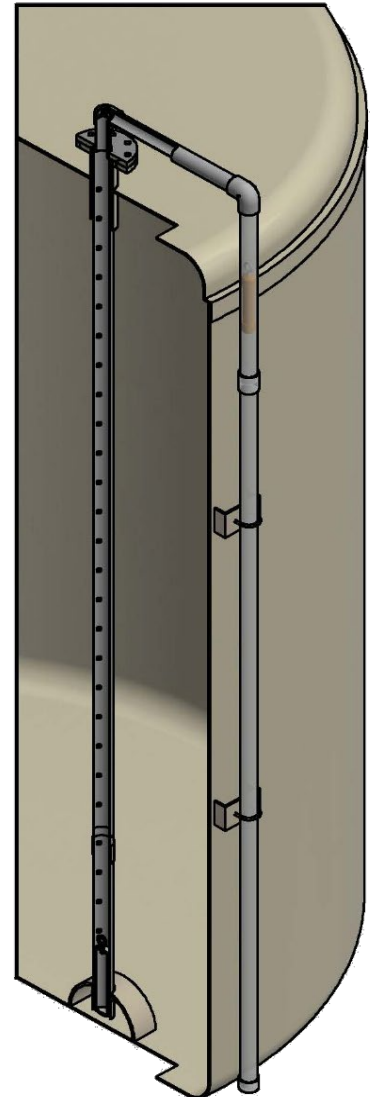
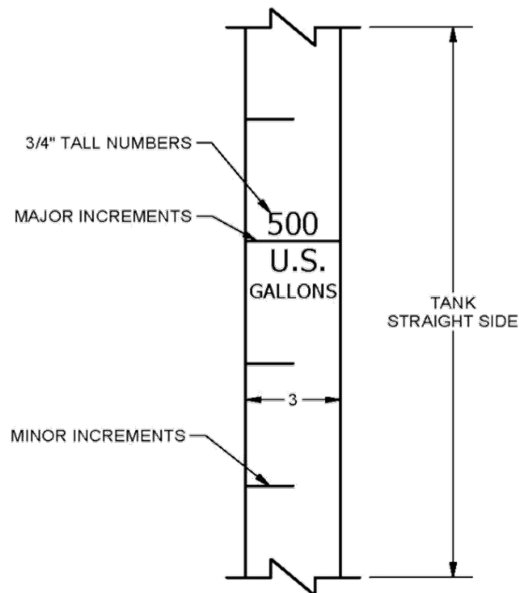
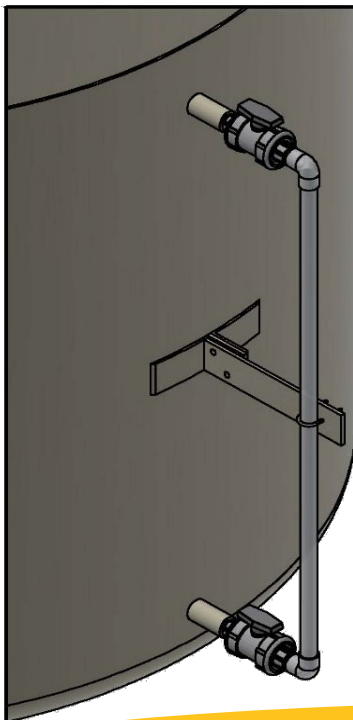
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CAPACITY CHARTS BOOK

10-2026



BTT
BELDING TANK TECH



200 N. Gooding Street - P.O. Box 160 - Belding, MI 48809-0160



Toll free: 800-253-4252

Booklet Description

This book was developed to make finding CAPACITIES easier and is broke down by Tank Bottom Models (See Index Page).

Each indexed section is made up of the following four parts:

- 1.- Indexing Page - Based on the Tank Bottom Type, provides model descriptions, head chart(s) and formulas for calculating Overall Tank Height, if required.**
- 2.- Maximum Capacity Page - One page showing the MAXIMUM Straight Side Lengths and Capacity for One Section and Two Section tanks by Tank Diameter, Mold Type and Model for tank bottoms.**
- 3.- Search by Straight Side Pages - Four pages providing gallon capacities by Tank Diameter, Mold Type and Straight Side in 12" increments.**
- 4.- Search by Gallon Capacity Pages - Two pages providing straight side lengths in inches by Tank Diameter, Mold Type and Gallon Capacity ranges.**



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CONE BOTTOMS

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OFV : Open Top, Flat Bottom, Vertical Sidewall
DFV : Dome Top, Flat Bottom, Vertical Sidewall
FFV : Flat Top, Flat Bottom, Vertical Sidewall

FLAT BOTTOMS

TWO SECTION tanks include a factory laminated center joint.

Larger tanks are available in each size, which would require more sidewall sections and joints.

Head Chart			
DIAMETER Inches	Dome Height Inches	DIAMETER Inches	Dome Height Inches
18	3	84	14
24	4	90	15
30	5	96	16
36	6	108	18
42	7	120	20
48	8	132	22
54	9	138	23
60	10	144	24
66	11	156	26
72	12	168	28

Tank Overall Height Formula

Dome Top Height (DFV Model Only) + Straight Side + 1" for both head thicknesses.



MAXIMUM Straight Side Length & Capacity
for ONE & TWO Sections
 with Gallon Capacities by Tank Diameter and Mold Type.

		ONE Section								TWO Section							
		Open Top - OFV				Dome Top - DFV				Flat Top - FFV				Average Gallons Per Inch			
		Straight Side / Gallon Capacity				Straight Side / Gallon Capacity				Straight Side / Gallon Capacity							
Dia.	Mold	SS	GC	SS	GC	SS	GC	SS	GC	SS	GC	SS	GC				
18	T	99	113	191	218	99	113	192	219	100	114	195	222	1.14	1.14		
24	T	74	148	141	283	74	148	142	285	75	150	145	291	2.00	2.01		
30	T	95	298	183	577	95	298	184	579	96	302	187	587	3.14	3.14		
30	S	246	752	490	1498	246	752	490	1498	248	758	493	1516	3.06	3.06		
36	T	95	410	183	793	95	410	184	794	96	415	187	806	4.32	4.31		
36	S	253	1114	504	2220	253	1114	504	2220	255	1122	507	2245	4.40	4.40		
42	T	97	598	187	1155	97	598	188	1160	98	604	191	1177	6.16	6.16		
42	S	241	1444	480	2877	241	1444	480	2877	243	1456	483	2912	5.99	5.99		
48	T	95	723	183	1397	95	723	184	1401	96	731	187	1422	7.61	7.60		
48	S	269	2106	536	4197	269	2106	536	4197	271	2121	539	4243	7.83	7.83		
54	S	240	2378	478	4737	240	2378	478	4737	242	2398	481	4796	9.91	9.91		
60	T	119	1459	231	2837	119	1459	235	2883	120	1472	235	2880	12.26	12.26		
60	S	240	2936	478	5849	240	2936	478	5849	242	2960	481	5921	12.23	12.24		
66	T	251	3721	495	7348	251	3721	499	7400	252	3737	499	7393	14.82	14.82		
72	T	239	4231	471	8348	239	4231	475	8411	240	4250	475	8404	17.70	17.69		
72	S	242	4263	482	8493	242	4263	482	8493	244	4298	485	8597	17.61	17.62		
84	T	143	3432	279	6706	143	3432	283	6794	144	3457	283	6787	24.00	23.98		
90	T	251	6892	495	13605	251	6892	499	13704	252	6921	499	13694	27.46	27.44		
96	T	215	6811	423	13416	215	6811	427	13530	216	6844	427	13517	31.68	31.66		
96	S	265	8301	528	16542	265	8301	528	16542	267	8363	531	16727	31.32	31.33		
108	T	215	8316	423	16375	215	8316	427	16511	216	8356	427	16509	38.68	38.66		
120	T	215	10636	422	20896	215	10636	430	21274	216	10687	427	21111	49.47	49.44		
120	LT	263	13029	518	25682	263	13029	526	26060	264	13081	523	25898	49.54	49.52		
120	S	314	15368	624	30545	314	15368	624	30545	316	15466	628	30932	48.94	48.95		
132	T	309	18327	610	36203	309	18327	618	36655	310	18388	615	36460	59.31	59.28		
138	T	245	16055	482	31610	245	16055	490	32112	246	16123	487	31899	65.53	65.50		
144	T	223	16188	438	31821	223	16188	446	32377	224	16263	443	32142	72.59	72.56		
144	MT	323	23395	636	46101	323	23395	646	46804	324	23470	643	46548	72.43	72.39		
144	LT	431	31319	852	61949	431	31319	862	62652	432	31395	859	62394	72.67	72.64		
144	S	314	22131	624	43987	314	22131	624	43987	316	22272	628	44544	70.48	70.49		
156	T	316	27036	622	53254	316	27036	632	54088	317	27124	629	53789	85.56	85.52		
156	S	256	21166	504	41687	256	21166	504	41687	258	21332	510	42664	82.68	82.71		
168	T	168	15658	326	30413	168	15658	336	31332	169	15753	333	31021	93.20	93.16		
168	LT	317	30089	624	59269	317	30089	634	60194	318	30187	631	59868	94.92	94.88		
168	S	274	26277	540	51802	274	26277	540	51802	276	26469	546	52938	95.90	95.93		

T = Standard Taper Mold, MT = Medium Taper Mold, LT = Long Taper Mold, S = Straight Mold

ONE SECTION

TWO SECTION

Two Section tanks ship as ONE piece with factory center joint.
 Capacities shown are approximate U.S. Gallons to the top of the tank straight side.
 Due to tooling, Open, Dome & Flat Top capacities may vary slightly.
 Tapered Molds (T, MT & LT) are the Most Cost Effective.



Search by **STRAIGHT SIDE**
Every 12" of Straight Side
Tank Diameter x Straight Side

FLAT BOTTOM TANKS

Straight Side Length

Dia.	Mold	24	36	48	60	72	84	96	108	120	132	144	156	168
18	T	26	40	53	67	81	95	109	121	135	149	163	177	191
24	T	47	71	95	120	144	167	191	216	240	265			
30	T	73	110	148	186	224	263	296	334	372	411	449	488	527
30	S	72	109	146	182	219	256	293	329	366	403	440	476	513
36	T	97	148	199	252	305	359	400	452	505	558	612	666	721
36	S	104	157	210	263	316	369	422	475	527	580	633	686	739
42	T	144	217	291	365	440	516	591	658	733	807	882	958	1033
42	S	142	214	286	358	430	502	574	646	718	790	862	934	1006
48	T	176	266	357	449	542	636	715	807	899	992	1086	1180	1274
48	S	186	280	374	468	562	656	750	844	938	1032	1126	1220	1314
54	S	236	355	474	593	712	831	950	1069	1188	1307	1426	1545	1664
60	T	285	430	576	722	870	1019	1169	1320	1447	1595	1743	1892	2041
60	S	292	439	586	732	879	1026	1173	1320	1467	1614	1761	1908	2054
66	T	333	503	673	845	1017	1191	1366	1541	1718	1896	2075	2256	2437
72	T	402	606	810	1017	1224	1432	1642	1853	2065	2278	2492	2707	2924
72	S	421	632	844	1055	1267	1478	1690	1901	2113	2324	2536	2747	2959
84	T	555	836	1120	1405	1693	1982	2273	2566	2861	3158	3389	3678	3968
90	T	628	945	1264	1584	1906	2230	2555	2881	3209	3539	3870	4203	4537
96	T	721	1087	1454	1824	2197	2571	2948	3327	3709	4092	4479	4867	5258
96	S	749	1125	1501	1877	2253	2629	3005	3381	3757	4133	4509	4885	5261
108	T	897	1350	1804	2260	2718	3178	3640	4103	4569	5036	5505	5975	6448
120	T	1143	1721	2302	2885	3470	4058	4648	5241	5836	6434	7034	7637	8242
120	LT	1144	1722	2302	2883	3467	4053	4641	5231	5822	6416	7012	7610	8209
120	S	1169	1757	2344	2932	3519	4107	4694	5282	5869	6457	7045	7632	8220
132	T	1367	2057	2748	3442	4138	4837	5537	6240	6944	7651	8360	9071	9784
138	T	1519	2285	3054	3826	4600	5377	6156	6938	7723	8511	9301	10093	10889
144	T	1684	2534	3388	4244	5104	5966	6832	7701	8573	9448	10326	11208	12093
144	MT	1664	2507	3352	4199	5049	5902	6757	7614	8474	9336	10201	11068	11938
144	LT	1663	2504	3348	4193	5041	5890	6742	7595	8451	9308	10167	11029	11892
144	S	1685	2531	3377	4223	5069	5915	6761	7607	8453	9299	10145	10992	11838
156	T	1974	2973	3975	4979	5986	6996	8008	9022	10040	11060	12083	13108	14136
156	S	1970	2963	3956	4949	5942	6935	7928	8921	9913	10906	11899	12892	13885
168	T	2186	3292	4401	5513	6628	7746	8867	9991	11118	12249	13382	14518	15658
168	LT	2196	3307	4420	5536	6654	7776	8900	10027	11156	12288	13423	14561	15701
168	S	2286	3438	4589	5741	6892	8044	9195	10347	11499	12650	13802	14953	16105

T = Standard Taper Mold, MT = Medium Taper Mold, LT = Long Taper Mold, S = Straight Mold

ONE SECTION

TWO SECTION

Two Section tanks ship as ONE piece with factory center joint.

Capacities shown are approximate U.S. Gallons to the top of the tank straight side.

Due to tooling, Open, Dome & Flat Top capacities may vary slightly.

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Search by **STRAIGHT SIDE**
Every 12" of Straight Side
Tank Diameter x Straight Side

FLAT BOTTOM TANKS

Straight Side Length

Dia.	Mold	180	192	204	216	228	240	252	264	276	288	300	312	324
18	T	205												
24	T													
30	T	566												
30	S	550	586	623	660	697	733	770	807	843	880	917	954	990
36	T	776												
36	S	792	845	898	950	1003	1056	1109	1162	1215	1268	1321	1374	1426
42	T	1109												
42	S	1078	1150	1222	1294	1366	1438	1510	1582	1654	1726	1798	1870	1942
48	T	1369												
48	S	1408	1502	1596	1690	1784	1878	1972	2066	2160	2254	2348	2442	2536
54	S	1783	1902	2021	2140	2259	2378	2497	2616	2735	2854	2973	3092	3211
60	T	2191	2341	2492	2643	2795								
60	S	2201	2348	2495	2642	2789	2936	3083	3229	3376	3523	3670	3817	3964
66	T	2619	2803	2987	3173	3360	3548	3618	3796	3975	4154	4334	4515	4696
72	T	3142	3361	3582	3803	4026	4133	4346	4559	4773	4988	5203	5419	5636
72	S	3170	3382	3593	3805	4016	4228	4439	4651	4862	5074	5285	5497	5708
84	T	4258	4550	4843	5137	5431	5727	6024	6321	6620				
90	T	4873	5210	5549	5890	6232	6575	6752	7082	7413	7745	8077	8410	8744
96	T	5651	6046	6444	6660	7041	7423	7806	8191	8576	8963	9351	9740	10131
96	S	5637	6013	6389	6765	7141	7517	7893	8269	8645	9021	9397	9773	10149
108	T	6922	7398	7876	8212	8677	9143	9609	10077	10546	11015	11485	11957	12429
120	T	8850	9460	10072	10492	11087	11683	12280	12878	13478	14079	14681	15285	15889
120	LT	8811	9415	10021	10629	11239	11851	12465	12841	13437	14033	14631	15229	15829
120	S	8807	9395	9982	10570	11157	11745	12332	12920	13507	14095	14682	15270	15857
132	T	10499	11217	11937	12659	13383	14109	14837	15568	16300	17035	17772	18513	18865
138	T	11687	12487	13291	14097	14905	15717	16244	17032	17822	18613	19405	20199	20994
144	T	12980	13871	14766	15663	16285	17158	18032	18909	19787	20666	21547	22429	23314
144	MT	12810	13685	14562	15441	16323	17208	18095	18985	19877	20771	21669	22568	23028
144	LT	12757	13625	14494	15365	16239	17114	17991	18871	19752	20636	21521	22409	23298
144	S	12684	13530	14376	15222	16068	16914	17760	18606	19452	20298	21144	21990	22836
156	T	15167	16200	17236	18275	19317	20361	21407	22457	23509	24564	25622	26682	27268
156	S	14878	15871	16864	17857	18850	19843	20835	21828	22821	23814	24807	25800	26793
168	T	16634	17757	18880	20006	21132	22261	23391	24522	25655	26789	27925	29063	30202
168	LT	16844	17990	19139	20290	21444	22601	23760	24923	26088	27256	28426	29600	30287
168	S	17256	18408	19559	20711	21862	23014	24165	25317	26469	27620	28772	29923	31075

T = Standard Taper Mold, MT = Medium Taper Mold, LT = Long Taper Mold, S = Straight Mold

ONE SECTION

TWO SECTION

Two Section tanks ship as ONE piece with factory center joint.

Capacities shown are approximate U.S. Gallons to the top of the tank straight side.

Due to tooling, Open, Dome & Flat Top capacities may vary slightly.

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Search by **STRAIGHT SIDE**
Every 12" of Straight Side
Tank Diameter x Straight Side

FLAT BOTTOM TANKS

Straight Side Length

Dia.	Mold	336	348	360	372	384	396	408	420	432	444	456	468	480
18	T													
24	T													
30	T													
30	S	1027	1064	1100	1137	1174	1211	1247	1284	1321	1358	1394	1431	1468
36	T													
36	S	1479	1532	1585	1638	1691	1744	1797	1849	1902	1955	2008	2061	2114
42	T													
42	S	2014	2086	2158	2230	2302	2374	2446	2518	2590	2661	2733	2805	
48	T													
48	S	2630	2724	2818	2912	3006	3101	3195	3289	3383	3477	3571	3665	3759
54	S	3329	3448	3567	3686	3805	3924	4043	4162	4281	4400	4519	4638	
60	T													
60	S	4111	4258	4404	4551	4698	4845	4992	5139	5286	5433	5580	5726	
66	T	4878	5060	5242	5426	5610	5794	5979	6165	6351	6537	6724	6912	7101
72	T	5853	6070	6289	6508	6727	6947	7168	7389	7611	7834	8057	8280	
72	S	5920	6131	6343	6554	6766	6978	7189	7401	7612	7824	8035	8247	
84	T													
90	T	9079	9415	9751	10088	10426	10765	11104	11444	11785	12127	12470	12813	13157
96	T	10522	10915	11309	11704	12100	12498	12896	13296					
96	S	10525	10902	11278	11654	12030	12406	12782	13158	13534	13910	14286	14662	15038
108	T	12902	13376	13851	14327	14803	15281	15760	16239					
120	T	16495	17103	17711	18321	18932	19544	20157	20772					
120	LT	16429	17031	17633	18237	18841	19447	20053	20661	21269	21879	22490	23101	23714
120	S	16445	17032	17620	18207	18795	19382	19970	20557	21145	21733	22320	22908	23495
132	T	19579	20294	21010	21728	22446	23165	23886	24607	25330	26053	26778	27504	28231
138	T	21790	22587	23386	24186	24988	25791	26595	27401	28207	29016	29825	30636	31448
144	T	24199	25087	25976	26866	27758	28652	29547	30444	31342				
144	MT	23899	24770	25643	26518	27393	28270	29148	30028	30908	31790	32673	33557	34443
144	LT	24189	25083	25979	26876	27776	28678	29581	30487	30754	31627	32501	33376	34252
144	S	23682	24528	25374	26220	27066	27912	28758	29604	30450	31296	32142	32988	33834
156	T	28297	29328	30359	31392	32427	33463	34500	35538	36578	37619	38661	39705	40750
156	S	27786	28779	29772	30765	31757	32750	33743	34736	35729	36722	37715	38708	39701
168	T													
168	LT	31428	32571	33715	34860	36007	37155	38305	39456	40608	41762	42917	44074	45232
168	S	32226	33378	34529	35681	36832	37984	39135	40287	41439	42590	43742	44893	46045

T = Standard Taper Mold, MT = Medium Taper Mold, LT = Long Taper Mold, S = Straight Mold

ONE SECTION

TWO SECTION

Two Section tanks ship as ONE piece with factory center joint.

Capacities shown are approximate U.S. Gallons to the top of the tank straight side.

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Search by **STRAIGHT SIDE**
Every 12" of Straight Side
Tank Diameter x Straight Side

FLAT BOTTOM TANKS

Straight Side Length

Dia.	Mold	492	504	516	528	540	552	564	576	588	600	612	624
18	T												
24	T												
30	T												
30	S												
36	T												
36	S	2167											
42	T												
42	S												
48	T												
48	S	3853	3947	4041									
54	S												
60	T												
60	S												
66	T	7290											
72	T												
72	S												
84	T												
90	T	13502											
96	T												
96	S	15414	15790	16166									
108	T												
120	T												
120	LT	24328	24942	25558									
120	S	24083	24670	25258	25845	26433	27020	27608	28195	28783	29370	29958	
132	T	28959	29688	30418	31150	31882	32615	33350	34086	34822	35560		
138	T												
144	T												
144	MT	35329	36218	37107	37997	38889	39782	40676	41572	42469	43367	44266	45167
144	LT	35129	36008	36887	37767	38648	39530	40413	41297	42183	43069	43956	44844
144	S	34680	35526	36372	37218	38064	38910	39757	40603	41449	42295	43141	
156	T	41797	42844	43894	44944	45996	47049	48104	49160	50217	51275	52335	
156	S	40694											
168	T												
168	LT	46391	47551	48713	49877	51042	52208	53375	54544	55714	56886	58059	59234
168	S	47196	48348	49499	50651								

T = Standard Taper Mold, MT = Medium Taper Mold, LT = Long Taper Mold, S = Straight Mold

ONE SECTION

TWO SECTION

Two Section tanks ship as ONE piece with factory center joint.

Capacities shown are approximate U.S. Gallons to the top of the tank straight side.

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Tapered Molds (T, MT & LT) are the Most Cost Effective.



Flat Bottom Tanks

Straight Side Length (Inches) Per Capacity

CAPACITIES (U.S. Gallons) - NO Freeboard

Dia.	Mold	50	100	200	300	400	500	750	1000	1250	1500	2000	3000	4000	5000	6000
18	T	45	88	176												
24	T	26	51	100												
30	T		33	65	97											
30	S		33	66	99	131	164	246	328							
36	T		25	49	71	93	119									
36	S		23	46	69	91	114	171	228	284						
42	T			34	50	66	82	123								
42	S			34	51	67	84	126	167	209	251					
48	T			28	41	54	67	101								
48	S			26	39	52	64	96	128	160	192	256	384			
54	S				31	41	51	76	101	127	152	202	303			
60	T				26	34	42	63	83	103	125					
60	S				25	33	41	62	82	103	123	164	246			
66	T					29	36	54	71	89	106	139	205	278		
72	T						30	45	60	74	88	117	173	227	289	
72	S						29	43	57	72	86	114	171	228	284	
84	T							33	43	54	64	85	126	170		
90	T							29	39	48	57	76	113	149	185	220
96	T							25	34	42	50	66	98	130	161	191
96	S							25	32	40	48	64	96	128	160	192
108	T								27	34	40	54	80	106	132	157
120	T									27	32	42	63	83	104	124
120	LT									27	32	42	63	83	104	124
120	S									26	31	41	62	82	103	123
132	T										27	36	53	70	87	104
138	T											32	48	63	79	94
144	T											29	43	57	71	85
144	MT											29	44	58	72	86
144	LT											29	44	58	72	86
144	S											29	43	57	72	86
156	T											25	37	49	61	73
156	S											25	37	49	61	73
168	T												33	44	55	66
168	LT												33	44	55	65
168	S												32	42	53	63

T = Standard Taper Mold, **MT** = Medium Taper Mold, **LT** = Long Taper Mold, **S** = Straight Mold

RED text designates a two section tank (factory center joint).

Straight Side Lengths are to the Nearest Capacities in U.S. Gallons.

Due to tooling, Open, Dome & Flat Top capacities may vary slightly.

Tapered Molds (T, MT & LT) are the Most Cost Effective.



Search by **CAPACITY**
Based on Tank Diameter, Mold & Capacity

Flat Bottom Tanks

Straight Side Length (Inches) Per Capacity

CAPACITIES (U.S. Gallons) - NO Freeboard

Dia.	Mold	7000	8000	9000	10000	12000	14000	16000	18000	20000	25000	30000	35000	40000	45000	50000
18	T															
24	T															
30	T															
30	S															
36	T															
36	S															
42	T															
42	S															
48	T															
48	S															
54	S															
60	T															
60	S															
66	T															
72	T															
72	S															
84	T															
90	T	261														
96	T	227														
96	S	224	256	288												
108	T	182	208	237												
120	T	144	164	183	203	247	287	326	366	405						
120	LT	144	164	184	204	243	288	328	367	407	505					
120	S	144	164	184	205	246	287	327	368	409	511	613				
132	T	121	138	155	172	206	239	272	304	343	427	509				
138	T	109	125	140	155	185	215	249	279	309	384	459				
144	T	99	113	126	140	167	194	221	252	279	347	414				
144	MT	100	114	128	142	169	197	224	251	278	351	420	488	555	622	
144	LT	100	114	128	142	170	198	225	253	280	347	414	490	559	626	693
144	S	100	114	128	142	171	199	228	256	284	355	426	497	568		
156	T	85	96	108	120	144	167	190	213	236	293	356	414	472	529	586
156	S	85	97	109	122	146	170	194	218	242	303	363	424	484		
168	T	76	87	98	109	130	151	174	195	216	269	322				
168	LT	76	87	98	108	129	151	172	193	213	265	321	374	426	478	529
168	S	74	84	94	105	126	147	167	188	209	261	313	365	418	470	522

T = Standard Taper Mold, MT = Medium Taper Mold, LT = Long Taper Mold, S = Straight Mold

RED text designates a two section tank (factory center joint).

Straight Side Lengths are to the Nearest Capacities in U.S. Gallons.

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Standard Slope = 1/4" / ft.

OSV-I : Open Top, Internal Sloped Bottom, Vertical Sidewall

DSV-I : Dome Top, Internal Sloped Bottom, Vertical Sidewall

FSV-I : Flat Top, Internal Sloped Bottom, Vertical Sidewall

INTERNAL SLOPED BOTTOMS

TWO SECTION tanks include a factory laminated center joint.

Larger tanks are available in each size, which would require more sidewall sections and joints.

Head Chart			
DIAMETER Inches	Dome Height Inches	DIAMETER Inches	Dome Height Inches
18	3	84	14
24	4	90	15
30	5	96	16
36	6	108	18
42	7	120	20
48	8	132	22
54	9	138	23
60	10	144	24
66	11	156	26
72	12	168	28

Tank Overall Height Formula

Dome Top Height (DSV-I Model Only) + Straight Side + 1" for both head thicknesses + Slope Minor (1" Standard).



MAXIMUM Straight Side Length & Capacity
for ONE & TWO Sections
 with Gallon Capacities by Tank Diameter and Mold Type.

		ONE Section								TWO Section							
		Open Top - OSV-I				Dome Top - DSV-I				Flat Top - FSV-I				Average Gallons Per Inch			
		Straight Side / Gallon Capacity				Straight Side / Gallon Capacity				Straight Side / Gallon Capacity							
Dia.	Mold	SS	GC	SS	GC	SS	GC	SS	GC	SS	GC	SS	GC				
18	T	99	112	191	218	99	112	192	219	100	114	195	222	1.13	1.14		
24	T	74	148	141	283	74	148	142	285	75	150	145	290	2.00	2.00		
30	T	95	297	183	576	95	297	184	578	96	301	187	586	3.13	3.13		
30	S	246	751	490	1497	246	751	490	1497	248	757	493	1515	3.05	3.06		
36	T	95	409	183	792	95	409	184	793	96	413	187	804	4.30	4.30		
36	S	253	1112	504	2218	253	1112	504	2218	255	1121	507	2244	4.40	4.40		
42	T	97	595	187	1152	97	595	188	1157	98	602	191	1174	6.13	6.15		
42	S	241	1441	480	2875	241	1441	480	2875	243	1453	483	2910	5.98	5.99		
48	T	95	719	183	1393	95	719	184	1397	96	727	187	1418	7.57	7.58		
48	S	270	2110	537	4201	270	2110	537	4201	271	2117	539	4239	7.81	7.82		
54	S	241	2382	479	4742	241	2382	479	4742	242	2392	481	4790	9.88	9.90		
60	T	119	1452	231	2830	119	1452	235	2876	120	1464	235	2872	12.20	12.22		
60	S	241	2940	479	5853	241	2940	479	5853	242	2953	481	5913	12.20	12.22		
66	T	251	3713	495	7339	251	3713	499	7391	252	3728	499	7384	14.79	14.80		
72	T	239	4256	471	8374	239	4256	475	8436	240	4275	475	8429	17.81	17.75		
72	S	243	4268	483	8498	243	4268	483	8498	244	4285	485	8584	17.56	17.59		
84	T	143	3423	279	6697	143	3423	283	6786	144	3449	283	6778	23.94	23.95		
90	T	251	6871	495	13584	251	6871	499	13683	252	6900	499	13673	27.37	27.40		
96	T	215	6787	423	13393	215	6787	427	13506	216	6821	427	13494	31.57	31.60		
96	S	267	8332	530	16573	267	8332	530	16573	267	8332	531	16696	31.21	31.27		
108	T	215	8293	423	16352	215	8293	427	16488	216	8334	427	16486	38.57	38.61		
120	T	215	10603	422	20863	215	10603	430	21241	216	10655	427	21079	49.32	49.37		
120	LT	263	12970	518	25623	263	12970	526	26001	264	13021	523	25839	49.32	49.41		
120	S	316	15404	626	30582	316	15404	626	30582	316	15404	628	30871	48.75	48.85		
132	T	309	18259	610	36135	309	18259	618	36587	310	18321	615	36392	59.09	59.17		
138	T	245	15974	482	31528	245	15974	490	32030	246	16042	487	31817	65.20	65.33		
144	T	223	16174	438	31807	223	16174	446	32363	224	16250	443	32128	72.53	72.52		
144	MT	323	23351	636	46057	323	23351	646	46760	324	23427	643	46505	72.29	72.33		
144	LT	431	31298	852	61928	431	31298	862	62631	432	31374	859	62373	72.62	72.61		
144	S	316	22166	627	44092	316	22166	627	44092	316	22166	628	44439	70.15	70.32		
156	T	316	26911	622	53129	316	26911	632	53963	317	27000	629	53665	85.16	85.32		
156	S	258	21197	507	41800	258	21197	507	41800	258	21197	510	42530	82.16	82.45		
168	T	168	15475	326	30250	168	15475	336	31169	169	15570	333	30859	92.11	92.67		
168	LT	317	29884	624	59178	317	29884	634	60104	318	29982	631	59778	94.27	94.74		
168	S	276	26301	543	51922	276	26301	543	51922	276	26301	546	52770	95.29	95.62		

T = Standard Taper Mold, MT = Medium Taper Mold, LT = Long Taper Mold, S = Straight Mold

ONE SECTION

TWO SECTION

Two Section tanks ship as ONE piece with factory center joint.
 Capacities shown are approximate U.S. Gallons to the top of the tank straight side.
 Due to tooling, Open, Dome & Flat Top capacities may vary slightly.
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Search by **STRAIGHT SIDE**
Every 12" of Straight Side
Tank Diameter x Straight Side

1/4" / FT. INTERNAL SLOPED BOTTOM TANKS

Straight Side Length

Dia.	Mold	24	36	48	60	72	84	96	108	120	132	144	156	168
18	T	26	39	53	67	81	95	109	121	135	149	163	177	191
24	T	46	70	95	119	144	167	191	215	240	264			
30	T	72	109	147	185	223	262	295	333	372	410	448	487	526
30	S	71	108	145	182	218	255	292	328	365	402	439	475	512
36	T	96	146	198	250	303	358	398	451	503	557	610	665	719
36	S	103	156	209	261	314	367	420	473	526	579	632	684	737
42	T	141	215	288	363	438	513	589	656	730	805	880	955	1031
42	S	140	212	284	356	428	500	572	644	716	788	860	932	1004
48	T	172	262	353	445	538	632	712	803	896	989	1082	1176	1270
48	S	182	276	370	464	558	653	747	841	935	1029	1123	1217	1311
54	S	231	350	469	588	706	825	944	1063	1182	1301	1420	1539	1658
60	T	277	422	568	715	863	1012	1162	1313	1440	1588	1736	1885	2034
60	S	284	431	578	725	872	1019	1165	1312	1459	1606	1753	1900	2047
66	T	324	493	664	835	1008	1181	1356	1532	1709	1887	2066	2246	2428
72	T	390	594	799	1006	1214	1424	1635	1847	2061	2276	2493	2711	2930
72	S	408	619	831	1042	1254	1465	1677	1888	2100	2311	2523	2734	2946
84	T	535	817	1101	1387	1675	1965	2258	2552	2849	3148	3372	3661	3952
90	T	603	920	1239	1560	1882	2205	2531	2857	3186	3515	3847	4180	4514
96	T	691	1057	1425	1795	2167	2542	2919	3299	3681	4065	4451	4840	5232
96	S	718	1094	1470	1846	2222	2598	2974	3350	3726	4102	4478	4854	5230
108	T	855	1308	1763	2220	2679	3139	3602	4066	4533	5001	5471	5943	6417
120	T	1084	1662	2244	2827	3414	4002	4594	5188	5785	6384	6986	7591	8199
120	LT	1084	1662	2242	2824	3408	3993	4581	5171	5763	6356	6952	7550	8150
120	S	1108	1696	2283	2871	3458	4046	4633	5221	5808	6396	6983	7571	8158
132	T	1288	1978	2670	3364	4061	4759	5460	6162	6867	7574	8284	8995	9709
138	T	1428	2194	2963	3735	4510	5287	6067	6849	7634	8422	9213	10006	10802
144	T	1580	2431	3286	4145	5007	5873	6743	7616	8493	9374	10258	11147	12038
144	MT	1559	2403	3248	4097	4947	5801	6657	7516	8377	9241	10108	10977	11849
144	LT	1558	2400	3244	4090	4938	5789	6641	7495	8352	9211	10072	10934	11800
144	S	1579	2425	3272	4118	4964	5810	6656	7502	8348	9194	10040	10886	11732
156	T	1840	2839	3841	4845	5852	6862	7874	8889	9907	10927	11950	12976	14004
156	S	1836	2829	3822	4814	5807	6800	7793	8786	9779	10772	11765	12758	13751
168	T	2026	3132	4241	5352	6467	7585	8706	9830	10957	12087	13220	14356	15495
168	LT	2036	3147	4260	5377	6497	7619	8745	9873	11004	12139	13276	14416	15559
168	S	2118	3270	4421	5573	6724	7876	9027	10179	11331	12482	13634	14785	15937

T = Standard Taper Mold, MT = Medium Taper Mold, LT = Long Taper Mold, S = Straight Mold

ONE SECTION

TWO SECTION

Two Section tanks ship as ONE piece with factory center joint.

Capacities shown are approximate U.S. Gallons to the top of the tank straight side.

Due to tooling, Open, Dome & Flat Top capacities may vary slightly.

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Search by **STRAIGHT SIDE**
Every 12" of Straight Side
Tank Diameter x Straight Side

1/4" / FT. INTERNAL SLOPED BOTTOM TANKS

Straight Side Length

Dia.	Mold	180	192	204	216	228	240	252	264	276	288	300	312	324
18	T	205												
24	T													
30	T	565												
30	S	549	585	622	659	696	732	769	806	842	879	916	953	989
36	T	774												
36	S	790	843	896	949	1002	1055	1107	1160	1213	1266	1319	1372	1425
42	T	1106												
42	S	1075	1147	1219	1291	1363	1435	1507	1579	1651	1723	1795	1867	1939
48	T	1365												
48	S	1405	1499	1593	1687	1781	1875	1969	2063	2157	2251	2345	2439	2533
54	S	1777	1896	2015	2134	2253	2372	2491	2610	2729	2848	2967	3086	3205
60	T	2183	2334	2484	2636	2787								
60	S	2194	2341	2487	2634	2781	2928	3075	3222	3369	3516	3662	3809	3956
66	T	2610	2794	2978	3164	3351	3539	3608	3787	3966	4145	4325	4506	4687
72	T	3151	3373	3596	3821	4048	4130	4344	4558	4773	4989	5206	5423	5640
72	S	3157	3369	3580	3792	4003	4215	4426	4638	4849	5061	5272	5484	5695
84	T	4243	4535	4829	5123	5419	5715	6013	6311	6611				
90	T	4850	5188	5527	5868	6211	6555	6729	7059	7390	7722	8054	8387	8722
96	T	5625	6021	6420	6631	7013	7395	7778	8163	8549	8936	9324	9714	10104
96	S	5606	5982	6358	6734	7110	7486	7862	8238	8614	8990	9366	9742	10118
108	T	6894	7372	7852	8175	8640	9107	9574	10042	10512	10982	11453	11925	12398
120	T	8809	9421	10037	10439	11035	11631	12230	12829	13430	14032	14635	15239	15845
120	LT	8752	9356	9961	10569	11179	11791	12405	12782	13377	13974	14571	15170	15769
120	S	8746	9333	9921	10508	11096	11683	12271	12859	13446	14034	14621	15209	15796
132	T	10425	11143	11863	12585	13310	14037	14766	15497	16230	16966	17704	18077	18790
138	T	11600	12402	13206	14013	14822	15634	16156	16944	17734	18525	19318	20111	20907
144	T	12934	13833	14736	15643	16203	17079	17956	18836	19716	20599	21483	22369	23257
144	MT	12724	13601	14481	15363	16249	17137	18027	18920	19816	20715	21616	22520	22938
144	LT	12667	13536	14408	15281	16157	17035	17915	18797	19681	20568	21456	22347	23240
144	S	12578	13424	14270	15116	15962	16808	17654	18500	19346	20192	21038	21884	22730
156	T	15035	16069	17106	18145	19187	20232	21279	22329	23382	24437	25496	26557	27136
156	S	14744	15736	16729	17722	18715	19708	20701	21694	22687	23680	24673	25666	26658
168	T	16473	17596	18719	19844	20971	22099	23229	24360	25493	26627	27763	28901	30040
168	LT	16705	17854	19005	20160	21318	22479	23642	24809	25979	27151	28327	29505	30143
168	S	17088	18240	19391	20543	21694	22846	23997	25149	26301	27452	28604	29755	30907

T = Standard Taper Mold, MT = Medium Taper Mold, LT = Long Taper Mold, S = Straight Mold

ONE SECTION

TWO SECTION

Two Section tanks ship as ONE piece with factory center joint.

Capacities shown are approximate U.S. Gallons to the top of the tank straight side.

Due to tooling, Open, Dome & Flat Top capacities may vary slightly.

Tapered Molds (T, MT & LT) are the Most Cost Effective.



Search by **STRAIGHT SIDE**
Every 12" of Straight Side
Tank Diameter x Straight Side

1/4" / FT. INTERNAL SLOPED BOTTOM TANKS

Straight Side Length

Dia.	Mold	336	348	360	372	384	396	408	420	432	444	456	468	480
18	T													
24	T													
30	T													
30	S	1026	1063	1100	1136	1173	1210	1246	1283	1320	1357	1393	1430	1467
36	T													
36	S	1478	1530	1583	1636	1689	1742	1795	1848	1901	1954	2006	2059	2112
42	T													
42	S	2011	2083	2155	2227	2299	2371	2443	2515	2587	2659	2731	2803	
48	T													
48	S	2627	2721	2815	2909	3003	3097	3191	3285	3379	3473	3567	3661	3755
54	S	3324	3443	3562	3681	3800	3919	4038	4157	4276	4395	4514	4633	
60	T													
60	S	4103	4250	4397	4544	4691	4837	4984	5131	5278	5425	5572	5719	
66	T	4868	5051	5233	5417	5601	5785	5970	6156	6342	6528	6716	6904	7092
72	T	5859	6078	6298	6518	6739	6961	7183	7406	7630	7854	8079	8305	
72	S	5907	6118	6330	6541	6753	6964	7176	7387	7599	7810	8022	8233	
84	T													
90	T	9056	9392	9729	10066	10404	10743	11082	11423	11764	12106	12449	12792	13137
96	T	10496	10889	11283	11679	12075	12473	12872	13272					
96	S	10494	10870	11246	11622	11998	12374	12750	13126	13502	13878	14254	14630	15006
108	T	12872	13347	13823	14299	14777	15256	15735	16216					
120	T	16452	17061	17671	18282	18894	19507	20122	20738					
120	LT	16370	16971	17574	18177	18782	19387	19994	20601	21210	21820	22430	23042	23654
120	S	16384	16971	17559	18146	18734	19321	19909	20496	21084	21671	22259	22846	23434
132	T	19504	20219	20936	21653	22372	23091	23812	24534	25256	25980	26705	27432	28159
138	T	21703	22501	23300	24101	24903	25706	26511	27316	28124	28932	29742	30554	31366
144	T	24146	25038	25930	26825	27721	28619	29519	30421	31324				
144	MT	23810	24683	25558	26433	27310	28188	29068	29949	30831	31714	32599	33485	34372
144	LT	24135	25032	25932	26834	27737	28643	29551	30462	30670	31544	32420	33296	34173
144	S	23576	24422	25268	26114	26960	27806	28652	29498	30344	31190	32036	32883	33729
156	T	28165	29196	30228	31261	32296	33332	34369	35408	36448	37489	38532	39576	40621
156	S	27651	28644	29637	30630	31623	32616	33609	34602	35595	36588	37580	38573	39566
168	T													
168	LT	31286	32430	33576	34723	35871	37021	38173	39325	40479	41635	42792	43950	45110
168	S	32058	33210	34361	35513	36664	37816	38968	40119	41271	42422	43574	44725	45877

T = Standard Taper Mold, MT = Medium Taper Mold, LT = Long Taper Mold, S = Straight Mold

ONE SECTION

TWO SECTION

Two Section tanks ship as ONE piece with factory center joint.

Capacities shown are approximate U.S. Gallons to the top of the tank straight side.

Due to tooling, Open, Dome & Flat Top capacities may vary slightly.

Tapered Molds (T, MT & LT) are the Most Cost Effective.



Search by **STRAIGHT SIDE**
Every 12" of Straight Side
Tank Diameter x Straight Side

1/4" / FT. INTERNAL SLOPED BOTTOM TANKS

Straight Side Length

Dia.	Mold	492	504	516	528	540	552	564	576	588	600	612	624
18	T												
24	T												
30	T												
30	S												
36	T												
36	S	2165											
42	T												
42	S												
48	T												
48	S	3849	3943	4037									
54	S												
60	T												
60	S												
66	T	7281											
72	T												
72	S												
84	T												
90	T	13482											
96	T												
96	S	15382	15758	16134									
108	T												
120	T												
120	LT	24268	24883	25499									
120	S	24021	24609	25196	25784	26371	26959	27547	28134	28722	29309	29897	
132	T	28887	29617	30347	31079	31812	32545	33280	34016	34754	35492		
138	T												
144	T												
144	MT	35260	36150	37041	37934	38827	39722	40619	41516	42415	43315	44217	45119
144	LT	35052	35931	36812	37693	38576	39460	40344	41230	42117	43005	43894	44783
144	S	34575	35421	36267	37113	37959	38805	39651	40497	41343	42189	43035	
156	T	41668	42716	43766	44816	45868	46922	47977	49033	50091	51150	52210	
156	S	40559											
168	T												
168	LT	46272	47434	48598	49764	50931	52099	53269	54441	55613	56788	57963	59140
168	S	47028	48180	49331	50483								

T = Standard Taper Mold, MT = Medium Taper Mold, LT = Long Taper Mold, S = Straight Mold

ONE SECTION

TWO SECTION

Two Section tanks ship as ONE piece with factory center joint.

Capacities shown are approximate U.S. Gallons to the top of the tank straight side.

Due to tooling, Open, Dome & Flat Top capacities may vary slightly.

Tapered Molds (T, MT & LT) are the Most Cost Effective.



1/4" / ft. INTERNAL Sloped Bottom Tanks

Straight Side Length (Inches) Per Capacity

CAPACITIES (U.S. Gallons) - NO Freeboard

Dia.	Mold	50	100	200	300	400	500	750	1000	1250	1500	2000	3000	4000	5000	6000
18	T	45	89	176												
24	T	26	51	101												
30	T		33	65	98											
30	S		34	66	99	132	164	246	328							
36	T		25	49	72	96	119									
36	S			46	69	92	115	171	228	285						
42	T			34	50	66	82	123								
42	S			34	51	68	84	126	168	210	251					
48	T			28	41	55	68	101								
48	S			27	39	52	65	97	129	161	193	256	384			
54	S				31	42	52	77	102	127	152	203	304			
60	T				26	35	43	63	84	103	125					
60	S				26	34	42	63	83	103	124	165	246			
66	T					30	37	55	72	89	106	140	206	278		
72	T					25	31	46	60	75	89	117	172	226	289	
72	S						30	44	58	72	86	115	172	228	285	
84	T							34	44	55	65	86	127	170		
90	T							30	39	49	58	77	114	150	186	221
96	T							26	35	43	51	67	99	130	161	192
96	S							26	33	41	49	65	97	129	161	193
108	T								28	35	42	55	81	107	132	158
120	T									28	33	43	64	84	105	125
120	LT									28	33	43	64	85	105	125
120	S									27	32	43	63	84	104	124
132	T										28	37	54	71	89	106
138	T										26	33	49	65	80	95
144	T											30	44	58	72	86
144	MT											31	45	59	73	87
144	LT											31	45	59	73	87
144	S											30	45	59	73	87
156	T											26	38	50	62	74
156	S											26	39	51	63	75
168	T												35	46	57	67
168	LT												35	46	56	67
168	S												34	44	55	65

T = Standard Taper Mold, **MT** = Medium Taper Mold, **LT** = Long Taper Mold, **S** = Straight Mold

RED text designates a two section tank (factory center joint).

Straight Side Lengths are to the Nearest Capacities in U.S. Gallons.

Due to tooling, Open, Dome & Flat Top capacities may vary slightly.

Tapered Molds (T, MT & LT) are the Most Cost Effective.



1/4" / ft. INTERNAL Sloped Bottom Tanks

Straight Side Length (Inches) Per Capacity

CAPACITIES (U.S. Gallons) - NO Freeboard

Dia.	Mold	7000	8000	9000	10000	12000	14000	16000	18000	20000	25000	30000	35000	40000	45000	50000
18	T															
24	T															
30	T															
30	S															
36	T															
36	S															
42	T															
42	S															
48	T															
48	S															
54	S															
60	T															
60	S															
66	T															
72	T															
72	S															
84	T															
90	T	262														
96	T	228														
96	S	225	257	289												
108	T	183	208	238												
120	T	145	165	184	204	248	288	327	367	406						
120	LT	145	165	185	205	245	289	329	369	408	506					
120	S	145	165	186	206	247	288	329	370	410	512	615				
132	T	123	140	157	173	207	240	273	311	345	428	510				
138	T	111	126	141	156	186	216	250	280	311	386	460				
144	T	100	114	127	141	168	195	225	253	280	348	415				
144	MT	101	115	129	143	171	198	225	252	279	353	421	489	556	622	
144	LT	102	116	130	143	171	199	226	254	281	348	414	492	560	627	694
144	S	101	116	130	144	172	201	229	257	286	357	428	499	569		
156	T	86	98	110	122	145	168	192	215	238	295	358	416	473	530	587
156	S	87	99	111	123	147	172	196	220	244	304	365	425	486		
168	T	78	89	100	110	132	153	175	197	218	271	324				
168	LT	78	89	99	110	131	152	174	195	215	267	323	375	427	479	531
168	S	75	86	96	107	127	148	169	190	211	263	315	367	419	471	523

T = Standard Taper Mold, MT = Medium Taper Mold, LT = Long Taper Mold, S = Straight Mold

RED text designates a two section tank (factory center joint).

Straight Side Lengths are to the Nearest Capacities in U.S. Gallons.

Due to tooling, Open, Dome & Flat Top capacities may vary slightly.

Tapered Molds (T, MT & LT) are the Most Cost Effective.

Standard Slope = 1/4" / ft.

OSV-X : Open Top, External Sloped Bottom, Vertical Sidewall

DSV-X : Dome Top, External Sloped Bottom, Vertical Sidewall

FSV-X : Flat Top, External Sloped Bottom, Vertical Sidewall

EXTERNAL SLOPED BOTTOMS

TWO SECTION tanks include a factory laminated center joint.

Larger tanks are available in each size, which would require more sidewall sections and joints.

Head Chart			
DIAMETER Inches	Dome Height Inches	DIAMETER Inches	Dome Height Inches
18	3	84	14
24	4	90	15
30	5	96	16
36	6	108	18
42	7	120	20
48	8	132	22
54	9	138	23
60	10	144	24
66	11	156	26
72	12	168	28

Tank Overall Height Formula

Dome Top Height (DSV-X Model Only) + Straight Side + 1" for both head thicknesses.



MAXIMUM Straight Side Length & Capacity
for ONE & TWO Sections
 with Gallon Capacities by Tank Diameter and Mold Type.

		ONE Section								TWO Section							
		Open Top - OSV-X				Dome Top - DSV-X				Flat Top - FSV-X				Average Gallons Per Inch			
		Straight Side / Gallon Capacity				Straight Side / Gallon Capacity				Straight Side / Gallon Capacity							
Dia.	Mold	SS	GC	SS	GC	SS	GC	SS	GC	SS	GC	SS	GC				
18	T	94	107	186	212	94	107	187	213	100	114	190	216	1.14	1.14		
24	T	69	137	136	273	69	137	137	274	75	150	140	280	1.99	2.00		
30	T	90	281	178	559	90	281	179	562	96	301	182	570	3.12	3.13		
30	S	246	751	490	1497	246	751	490	1497	248	757	493	1515	3.05	3.06		
36	T	90	385	178	769	90	385	179	770	96	413	182	781	4.28	4.29		
36	S	253	1112	504	2218	253	1112	504	2218	255	1121	507	2244	4.40	4.40		
42	T	92	564	182	1121	92	564	183	1125	98	602	186	1142	6.13	6.14		
42	S	241	1441	480	2875	241	1441	480	2875	243	1453	483	2910	5.98	5.99		
48	T	90	680	178	1353	90	680	179	1357	96	727	182	1378	7.56	7.57		
48	S	270	2110	537	4201	270	2110	537	4201	271	2117	539	4239	7.81	7.82		
54	S	241	2382	479	4742	241	2382	479	4742	242	2392	481	4790	9.88	9.90		
60	T	113	1376	225	2754	113	1376	229	2800	119	1452	229	2796	12.18	12.21		
60	S	241	2940	479	5853	241	2940	479	5853	242	2953	481	5913	12.20	12.22		
66	T	251	3713	495	7339	251	3713	499	7391	252	3728	499	7384	14.79	14.80		
72	T	239	4256	471	8374	239	4256	475	8436	240	4275	475	8429	17.81	17.75		
72	S	243	4268	483	8498	243	4268	483	8498	244	4285	485	8584	17.56	17.59		
84	T	143	3423	279	6697	143	3423	283	6786	144	3449	283	6778	23.94	23.95		
90	T	251	6871	495	13584	251	6871	499	13683	252	6900	499	13673	27.37	27.40		
96	T	215	6787	423	13393	215	6787	427	13506	216	6821	427	13494	31.57	31.60		
96	S	267	8332	530	16573	267	8332	530	16573	267	8332	531	16696	31.21	31.27		
108	T	215	8293	423	16352	215	8293	427	16488	216	8334	427	16486	38.57	38.61		
120	T	215	10603	422	20863	215	10603	430	21241	216	10655	427	21079	49.32	49.37		
120	LT	263	12970	518	25623	263	12970	526	26001	264	13021	523	25839	49.32	49.41		
120	S	316	15404	626	30582	316	15404	626	30582	316	15404	628	30871	48.75	48.85		
132	T	309	18259	610	36135	309	18259	618	36587	310	18321	615	36392	59.09	59.17		
138	T	245	15974	482	31528	245	15974	490	32030	246	16042	487	31817	65.20	65.33		
144	T	223	16174	438	31807	223	16174	446	32363	224	16250	443	32128	72.53	72.52		
144	MT	323	23351	636	46057	323	23351	646	46760	324	23427	643	46505	72.29	72.33		
144	LT	431	31298	852	61928	431	31298	862	62631	432	31374	859	62373	72.62	72.61		
144	S	316	22166	627	44092	316	22166	627	44092	316	22166	628	44439	70.15	70.32		
156	T	316	26911	622	53129	316	26911	632	53963	317	27000	629	53665	85.16	85.32		
156	S	258	21197	507	41800	258	21197	507	41800	258	21197	510	42530	82.16	82.45		
168	T	168	15475	326	30250	168	15475	336	31169	169	15570	333	30859	92.11	92.67		
168	LT	317	29884	624	59178	317	29884	634	60104	318	29982	631	59778	94.27	94.74		
168	S	276	26301	543	51922	276	26301	543	51922	276	26301	546	52770	95.29	95.62		

T = Standard Taper Mold, MT = Medium Taper Mold, LT = Long Taper Mold, S = Straight Mold

ONE SECTION

TWO SECTION

Two Section tanks ship as ONE piece with factory center joint.
 Capacities shown are approximate U.S. Gallons to the top of the tank straight side.
 Due to tooling, Open, Dome & Flat Top capacities may vary slightly.
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Search by **STRAIGHT SIDE**
Every 12" of Straight Side
Tank Diameter x Straight Side

1/4" / FT. EXTERNAL SLOPED BOTTOM TANKS

Straight Side Length

Dia.	Mold	24	36	48	60	72	84	96	108	120	132	144	156	168
18	T	26	39	53	67	81	95	107	121	135	149	163	177	191
24	T	46	70	95	119	142	167	191	215	240	264			
30	T	72	109	147	185	223	262	295	333	372	410	448	487	526
30	S	71	108	145	182	218	255	292	328	365	402	439	475	512
36	T	96	146	198	250	303	358	398	451	503	557	610	665	719
36	S	103	156	209	261	314	367	420	473	526	579	632	684	737
42	T	141	215	288	363	438	513	581	656	730	805	880	955	1031
42	S	140	212	284	356	428	500	572	644	716	788	860	932	1004
48	T	172	262	353	445	538	632	712	803	896	989	1082	1176	1270
48	S	182	276	370	464	558	653	747	841	935	1029	1123	1217	1311
54	S	231	350	469	588	706	825	944	1063	1182	1301	1420	1539	1658
60	T	277	422	568	715	863	1012	1162	1313	1440	1588	1736	1885	2034
60	S	284	431	578	725	872	1019	1165	1312	1459	1606	1753	1900	2047
66	T	324	493	664	835	1008	1181	1356	1532	1709	1887	2066	2246	2428
72	T	390	594	799	1006	1214	1424	1635	1847	2061	2276	2493	2711	2930
72	S	408	619	831	1042	1254	1465	1677	1888	2100	2311	2523	2734	2946
84	T	535	817	1101	1387	1675	1965	2258	2552	2849	3148	3372	3661	3952
90	T	603	920	1239	1560	1882	2205	2531	2857	3186	3515	3847	4180	4514
96	T	691	1057	1425	1795	2167	2542	2919	3299	3681	4065	4451	4840	5232
96	S	718	1094	1470	1846	2222	2598	2974	3350	3726	4102	4478	4854	5230
108	T	855	1308	1763	2220	2679	3139	3602	4066	4533	5001	5471	5943	6417
120	T	1084	1662	2244	2827	3414	4002	4594	5188	5785	6384	6986	7591	8199
120	LT	1084	1662	2242	2824	3408	3993	4581	5171	5763	6356	6952	7550	8150
120	S	1108	1696	2283	2871	3458	4046	4633	5221	5808	6396	6983	7571	8158
132	T	1288	1978	2670	3364	4061	4759	5460	6162	6867	7574	8284	8995	9709
138	T	1428	2194	2963	3735	4510	5287	6067	6849	7634	8422	9213	10006	10802
144	T	1580	2431	3286	4145	5007	5873	6743	7616	8493	9374	10258	11147	12038
144	MT	1559	2403	3248	4097	4947	5801	6657	7516	8377	9241	10108	10977	11849
144	LT	1558	2400	3244	4090	4938	5789	6641	7495	8352	9211	10072	10934	11800
144	S	1579	2425	3272	4118	4964	5810	6656	7502	8348	9194	10040	10886	11732
156	T	1840	2839	3841	4845	5852	6862	7874	8889	9907	10927	11950	12976	14004
156	S	1836	2829	3822	4814	5807	6800	7793	8786	9779	10772	11765	12758	13751
168	T	2026	3132	4241	5352	6467	7585	8706	9830	10957	12087	13220	14356	15495
168	LT	2036	3147	4260	5377	6497	7619	8745	9873	11004	12139	13276	14416	15559
168	S	2118	3270	4421	5573	6724	7876	9027	10179	11331	12482	13634	14785	15937

T = Standard Taper Mold, MT = Medium Taper Mold, LT = Long Taper Mold, S = Straight Mold

ONE SECTION

TWO SECTION

Two Section tanks ship as ONE piece with factory center joint.

Capacities shown are approximate U.S. Gallons to the top of the tank straight side.

Due to tooling, Open, Dome & Flat Top capacities may vary slightly.

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Search by **STRAIGHT SIDE**
Every 12" of Straight Side
Tank Diameter x Straight Side

1/4" / FT. EXTERNAL SLOPED BOTTOM TANKS

Straight Side Length

Dia.	Mold	180	192	204	216	228	240	252	264	276	288	300	312	324
18	T	205												
24	T													
30	T													
30	S	549	585	622	659	696	732	769	806	842	879	916	953	989
36	T													
36	S	790	843	896	949	1002	1055	1107	1160	1213	1266	1319	1372	1425
42	T	1106												
42	S	1075	1147	1219	1291	1363	1435	1507	1579	1651	1723	1795	1867	1939
48	T													
48	S	1405	1499	1593	1687	1781	1875	1969	2063	2157	2251	2345	2439	2533
54	S	1777	1896	2015	2134	2253	2372	2491	2610	2729	2848	2967	3086	3205
60	T	2183	2334	2484	2636									
60	S	2194	2341	2487	2634	2781	2928	3075	3222	3369	3516	3662	3809	3956
66	T	2610	2794	2978	3164	3351	3539	3608	3787	3966	4145	4325	4506	4687
72	T	3151	3373	3596	3821	4048	4130	4344	4558	4773	4989	5206	5423	5640
72	S	3157	3369	3580	3792	4003	4215	4426	4638	4849	5061	5272	5484	5695
84	T	4243	4535	4829	5123	5419	5715	6013	6311	6611				
90	T	4850	5188	5527	5868	6211	6555	6729	7059	7390	7722	8054	8387	8722
96	T	5625	6021	6420	6631	7013	7395	7778	8163	8549	8936	9324	9714	10104
96	S	5606	5982	6358	6734	7110	7486	7862	8238	8614	8990	9366	9742	10118
108	T	6894	7372	7852	8175	8640	9107	9574	10042	10512	10982	11453	11925	12398
120	T	8809	9421	10037	10439	11035	11631	12230	12829	13430	14032	14635	15239	15845
120	LT	8752	9356	9961	10569	11179	11791	12405	12782	13377	13974	14571	15170	15769
120	S	8746	9333	9921	10508	11096	11683	12271	12859	13446	14034	14621	15209	15796
132	T	10425	11143	11863	12585	13310	14037	14766	15497	16230	16966	17704	18077	18790
138	T	11600	12402	13206	14013	14822	15634	16156	16944	17734	18525	19318	20111	20907
144	T	12934	13833	14736	15643	16203	17079	17956	18836	19716	20599	21483	22369	23257
144	MT	12724	13601	14481	15363	16249	17137	18027	18920	19816	20715	21616	22520	22938
144	LT	12667	13536	14408	15281	16157	17035	17915	18797	19681	20568	21456	22347	23240
144	S	12578	13424	14270	15116	15962	16808	17654	18500	19346	20192	21038	21884	22730
156	T	15035	16069	17106	18145	19187	20232	21279	22329	23382	24437	25496	26557	27136
156	S	14744	15736	16729	17722	18715	19708	20701	21694	22687	23680	24673	25666	26658
168	T	16473	17596	18719	19844	20971	22099	23229	24360	25493	26627	27763	28901	30040
168	LT	16705	17854	19005	20160	21318	22479	23642	24809	25979	27151	28327	29505	30143
168	S	17088	18240	19391	20543	21694	22846	23997	25149	26301	27452	28604	29755	30907

T = Standard Taper Mold, MT = Medium Taper Mold, LT = Long Taper Mold, S = Straight Mold

ONE SECTION

TWO SECTION

Two Section tanks ship as ONE piece with factory center joint.

Capacities shown are approximate U.S. Gallons to the top of the tank straight side.

Due to tooling, Open, Dome & Flat Top capacities may vary slightly.

Tapered Molds (T, MT & LT) are the Most Cost Effective.



Search by **STRAIGHT SIDE**
Every 12" of Straight Side
Tank Diameter x Straight Side

1/4" / FT. EXTERNAL SLOPED BOTTOM TANKS

Straight Side Length

Dia.	Mold	336	348	360	372	384	396	408	420	432	444	456	468	480
18	T													
24	T													
30	T													
30	S	1026	1063	1100	1136	1173	1210	1246	1283	1320	1357	1393	1430	1467
36	T													
36	S	1478	1530	1583	1636	1689	1742	1795	1848	1901	1954	2006	2059	2112
42	T													
42	S	2011	2083	2155	2227	2299	2371	2443	2515	2587	2659	2731	2803	
48	T													
48	S	2627	2721	2815	2909	3003	3097	3191	3285	3379	3473	3567	3661	3755
54	S	3324	3443	3562	3681	3800	3919	4038	4157	4276	4395	4514	4633	
60	T													
60	S	4103	4250	4397	4544	4691	4837	4984	5131	5278	5425	5572	5719	
66	T	4868	5051	5233	5417	5601	5785	5970	6156	6342	6528	6716	6904	7092
72	T	5859	6078	6298	6518	6739	6961	7183	7406	7630	7854	8079	8305	
72	S	5907	6118	6330	6541	6753	6964	7176	7387	7599	7810	8022	8233	
84	T													
90	T	9056	9392	9729	10066	10404	10743	11082	11423	11764	12106	12449	12792	13137
96	T	10496	10889	11283	11679	12075	12473	12872	13272					
96	S	10494	10870	11246	11622	11998	12374	12750	13126	13502	13878	14254	14630	15006
108	T	12872	13347	13823	14299	14777	15256	15735	16216					
120	T	16452	17061	17671	18282	18894	19507	20122	20738					
120	LT	16370	16971	17574	18177	18782	19387	19994	20601	21210	21820	22430	23042	23654
120	S	16384	16971	17559	18146	18734	19321	19909	20496	21084	21671	22259	22846	23434
132	T	19504	20219	20936	21653	22372	23091	23812	24534	25256	25980	26705	27432	28159
138	T	21703	22501	23300	24101	24903	25706	26511	27316	28124	28932	29742	30554	31366
144	T	24146	25038	25930	26825	27721	28619	29519	30421	31324				
144	MT	23810	24683	25558	26433	27310	28188	29068	29949	30831	31714	32599	33485	34372
144	LT	24135	25032	25932	26834	27737	28643	29551	30462	30670	31544	32420	33296	34173
144	S	23576	24422	25268	26114	26960	27806	28652	29498	30344	31190	32036	32883	33729
156	T	28165	29196	30228	31261	32296	33332	34369	35408	36448	37489	38532	39576	40621
156	S	27651	28644	29637	30630	31623	32616	33609	34602	35595	36588	37580	38573	39566
168	T													
168	LT	31286	32430	33576	34723	35871	37021	38173	39325	40479	41635	42792	43950	45110
168	S	32058	33210	34361	35513	36664	37816	38968	40119	41271	42422	43574	44725	45877

T = Standard Taper Mold, MT = Medium Taper Mold, LT = Long Taper Mold, S = Straight Mold

ONE SECTION

TWO SECTION

Two Section tanks ship as ONE piece with factory center joint.

Capacities shown are approximate U.S. Gallons to the top of the tank straight side.

Due to tooling, Open, Dome & Flat Top capacities may vary slightly.

Tapered Molds (T, MT & LT) are the Most Cost Effective.



Search by **STRAIGHT SIDE**
Every 12" of Straight Side
Tank Diameter x Straight Side

1/4" / FT. EXTERNAL SLOPED BOTTOM TANKS

Straight Side Length

Dia.	Mold	492	504	516	528	540	552	564	576	588	600	612	624
18	T												
24	T												
30	T												
30	S												
36	T												
36	S	2165											
42	T												
42	S												
48	T												
48	S	3849	3943	4037									
54	S												
60	T												
60	S												
66	T	7281											
72	T												
72	S												
84	T												
90	T	13482											
96	T												
96	S	15382	15758	16134									
108	T												
120	T												
120	LT	24268	24883	25499									
120	S	24021	24609	25196	25784	26371	26959	27547	28134	28722	29309	29897	
132	T	28887	29617	30347	31079	31812	32545	33280	34016	34754	35492		
138	T												
144	T												
144	MT	35260	36150	37041	37934	38827	39722	40619	41516	42415	43315	44217	45119
144	LT	35052	35931	36812	37693	38576	39460	40344	41230	42117	43005	43894	44783
144	S	34575	35421	36267	37113	37959	38805	39651	40497	41343	42189	43035	
156	T	41668	42716	43766	44816	45868	46922	47977	49033	50091	51150	52210	
156	S	40559											
168	T												
168	LT	46272	47434	48598	49764	50931	52099	53269	54441	55613	56788	57963	59140
168	S	47028	48180	49331	50483								

T = Standard Taper Mold, MT = Medium Taper Mold, LT = Long Taper Mold, S = Straight Mold

ONE SECTION

TWO SECTION

Two Section tanks ship as ONE piece with factory center joint.

Capacities shown are approximate U.S. Gallons to the top of the tank straight side.

Due to tooling, Open, Dome & Flat Top capacities may vary slightly.

Tapered Molds (T, MT & LT) are the Most Cost Effective.



Search by **CAPACITY**
Based on Tank Diameter, Mold & Capacity

1/4" / ft. EXTERNAL Sloped Bottom Tanks

Straight Side Length (Inches) Per Capacity

CAPACITIES (U.S. Gallons) - NO Freeboard

Dia.	Mold	50	100	200	300	400	500	750	1000	1250	1500	2000	3000	4000	5000	6000
18	T	45	89	176												
24	T	26	51	101												
30	T		33	65	98											
30	S		34	66	99	132	164	246	328							
36	T		25	49	72	96	119									
36	S			46	69	92	115	171	228	285						
42	T			34	50	66	82	123								
42	S			34	51	68	84	126	168	210	251					
48	T			28	41	55	68	101								
48	S			27	39	52	65	97	129	161	193	256	384			
54	S				31	42	52	77	102	127	152	203	304			
60	T				26	35	43	63	84	103	125					
60	S				26	34	42	63	83	103	124	165	246			
66	T					30	37	55	72	89	106	140	206	278		
72	T					25	31	46	60	75	89	117	172	226	289	
72	S						30	44	58	72	86	115	172	228	285	
84	T							34	44	55	65	86	127	170		
90	T							30	39	49	58	77	114	150	186	221
96	T							26	35	43	51	67	99	130	161	192
96	S							26	33	41	49	65	97	129	161	193
108	T								28	35	42	55	81	107	132	158
120	T									28	33	43	64	84	105	125
120	LT									28	33	43	64	85	105	125
120	S									27	32	43	63	84	104	124
132	T										28	37	54	71	89	106
138	T										26	33	49	65	80	95
144	T											30	44	58	72	86
144	MT											31	45	59	73	87
144	LT											31	45	59	73	87
144	S											30	45	59	73	87
156	T											26	38	50	62	74
156	S											26	39	51	63	75
168	T												35	46	57	67
168	LT												35	46	56	67
168	S												34	44	55	65

T = Standard Taper Mold, **MT** = Medium Taper Mold, **LT** = Long Taper Mold, **S** = Straight Mold

RED text designates a two section tank (factory center joint).

Straight Side Lengths are to the Nearest Capacities in U.S. Gallons.

Due to tooling, Open, Dome & Flat Top capacities may vary slightly.

Tapered Molds (T, MT & LT) are the Most Cost Effective.



1/4" / ft. EXTERNAL Sloped Bottom Tanks

Straight Side Length (Inches) Per Capacity

CAPACITIES (U.S. Gallons) - NO Freeboard

Dia.	Mold	7000	8000	9000	10000	12000	14000	16000	18000	20000	25000	30000	35000	40000	45000	50000
18	T															
24	T															
30	T															
30	S															
36	T															
36	S															
42	T															
42	S															
48	T															
48	S															
54	S															
60	T															
60	S															
66	T															
72	T															
72	S															
84	T															
90	T	262														
96	T	228														
96	S	225	257	289												
108	T	183	208	238												
120	T	145	165	184	204	248	288	327	367	406						
120	LT	145	165	185	205	245	289	329	369	408	506					
120	S	145	165	186	206	247	288	329	370	410	512	615				
132	T	123	140	157	173	207	240	273	311	345	428	510				
138	T	111	126	141	156	186	216	250	280	311	386	460				
144	T	100	114	127	141	168	195	225	253	280	348	415				
144	MT	101	115	129	143	171	198	225	252	279	353	421	489	556	622	
144	LT	102	116	130	143	171	199	226	254	281	348	414	492	560	627	694
144	S	101	116	130	144	172	201	229	257	286	357	428	499	569		
156	T	86	98	110	122	145	168	192	215	238	295	358	416	473	530	587
156	S	87	99	111	123	147	172	196	220	244	304	365	425	486		
168	T	78	89	100	110	132	153	175	197	218	271	324				
168	LT	78	89	99	110	131	152	174	195	215	267	323	375	427	479	531
168	S	75	86	96	107	127	148	169	190	211	263	315	367	419	471	523

T = Standard Taper Mold, MT = Medium Taper Mold, LT = Long Taper Mold, S = Straight Mold

RED text designates a two section tank (factory center joint).

Straight Side Lengths are to the Nearest Capacities in U.S. Gallons.

Due to tooling, Open, Dome & Flat Top capacities may vary slightly.

Tapered Molds (T, MT & LT) are the Most Cost Effective.

ODV : Open Top, Dish Bottom, Vertical Sidewall
DDV : Dome Top, Dish Bottom, Vertical Sidewall
FDV : Flat Top, Dish Bottom, Vertical Sidewall

DISH BOTTOMS

TWO SECTION tanks include a factory laminated center joint.

Larger tanks are available in each size, which would require more sidewall sections and joints.

Head Chart					
DIAMETER Inches	Dome / Dish Height Inches	Dish Gallon Capacity	DIAMETER Inches	Dome / Dish Height Inches	Dish Gallon Capacity
18	3	2	84	14	194
24	4	4	90	15	236
30	5	9	96	16	292
36	6	13	108	18	404
42	7	25	120	20	578
48	8	34	132	22	756
54	9	55	138	23	877
60	10	71	144	24	1025
66	11	92	156	26	1331
72	12	120	168	28	1535

Tank Overall Height Formula

Dome Top Height (DDV Model Only) + Straight Side + 1" for both head thicknesses + Dish Bottom Height + Underclearance
(Standards: 18" for Legs & 24" for Skirts).



MAXIMUM Straight Side Length & Capacity
for ONE & TWO Sections
 with Gallon Capacities by Tank Diameter and Mold Type.

		ONE Section								TWO Section					
		Open Top - ODV				Dome Top - DDV				Flat Top - FDV				Average Gallons Per Inch	
		Straight Side / Gallon Capacity				Straight Side / Gallon Capacity				Straight Side / Gallon Capacity					
Dia.	Mold	SS	GC	SS	GC	SS	GC	SS	GC	SS	GC	SS	GC		
18	T	96	111	188	217	96	111	189	218	100	116	192	221	1.16	1.15
24	T	71	147	138	283	71	147	139	284	75	155	142	290	2.07	2.04
30	T	92	299	180	577	92	299	181	579	96	312	184	588	3.25	3.20
30	S	243	753	483	1487	243	753	483	1487	248	768	489	1514	3.10	3.08
36	T	92	411	180	795	92	411	181	796	96	429	184	807	4.47	4.39
36	S	250	1115	497	2203	250	1115	497	2203	255	1137	503	2242	4.46	4.43
42	T	94	605	184	1163	94	605	185	1168	98	631	188	1185	6.44	6.30
42	S	238	1453	473	2862	238	1453	473	2862	243	1483	479	2915	6.10	6.05
48	T	92	735	180	1409	92	735	181	1413	96	767	184	1434	7.99	7.79
48	S	266	2118	529	4178	266	2118	529	4178	271	2157	535	4247	7.96	7.90
54	S	237	2404	471	4724	237	2404	471	4724	242	2454	477	4812	10.14	10.03
60	T	119	1532	231	2911	119	1532	235	2957	120	1544	235	2953	12.87	12.57
60	S	237	2971	471	5836	237	2971	471	5836	242	3033	477	5944	12.53	12.39
66	T	251	3815	495	7445	251	3815	499	7497	252	3831	499	7489	15.20	15.01
72	T	239	4353	471	8473	239	4353	475	8536	240	4372	475	8529	18.21	17.96
72	S	239	4332	475	8492	239	4332	475	8492	244	4421	481	8649	18.12	17.88
84	T	143	3629	279	6905	143	3629	283	6994	144	3654	283	6986	25.38	24.69
90	T	251	7131	495	13848	251	7131	499	13947	252	7160	499	13937	28.41	27.93
96	T	215	7106	423	13716	215	7106	427	13830	216	7139	427	13817	33.05	32.36
96	S	262	8502	521	16617	262	8502	521	16617	267	8658	527	16897	32.43	31.89
108	T	215	8723	423	16786	215	8723	427	16922	216	8763	427	16919	40.57	39.62
120	T	215	11220	425	21641	215	11220	431	21916	216	11271	430	21857	52.18	50.83
120	LT	263	13613	521	26428	263	13613	527	26703	264	13665	526	26643	51.76	50.65
120	S	310	15756	617	30786	310	15756	617	30786	316	16050	623	31271	50.79	49.90
132	T	309	19089	613	37160	309	19089	619	37488	310	19151	618	37417	61.78	60.55
138	T	245	16939	485	32706	245	16939	491	33072	246	17007	490	32995	69.13	67.34
144	T	223	17220	441	33087	223	17220	447	33494	224	17295	446	33409	77.21	74.91
144	MT	323	24434	639	47383	323	24434	647	47935	324	24509	646	47830	75.65	74.04
144	LT	431	32358	855	63233	431	32358	863	63785	432	32434	862	63678	75.08	73.87
144	S	310	22881	617	44525	310	22881	617	44525	316	23304	623	45224	73.75	72.16
156	T	316	28382	625	54883	316	28382	633	55540	317	28471	632	55419	89.81	87.69
156	S	250	22016	497	42454	250	22016	497	42454	256	22513	503	43431	87.94	85.42
168	T	168	17209	329	32260	168	17209	337	32989	169	17305	336	32868	102.40	97.82
168	LT	317	31641	627	61133	317	31641	635	61862	318	31739	634	61732	99.81	97.37
168	S	268	27253	533	52683	268	27253	533	52683	274	27829	539	53818	101.57	98.84

T = Standard Taper Mold, MT = Medium Taper Mold, LT = Long Taper Mold, S = Straight Mold

ONE SECTION

TWO SECTION

Two Section tanks ship as ONE piece with factory center joint.

Capacities shown are approximate U.S. Gallons to the top of the tank straight side.

Due to tooling, Open, Dome & Flat Top capacities may vary slightly.

Tapered Molds (T, MT & LT) are the Most Cost Effective.



Search by **STRAIGHT SIDE**
Every 12" of Straight Side
Tank Diameter x Straight Side

DISHED BOTTOM TANKS

Straight Side Length

Dia.	Mold	24	36	48	60	72	84	96	108	120	132	144	156	168
18	T	28	42	56	69	83	97	111	124	137	151	165	179	193
24	T	52	76	100	125	148	172	197	221	245	270			
30	T	83	120	158	196	234	273	307	345	383	421	460	498	537
30	S	82	119	156	193	229	266	303	340	376	413	450	486	523
36	T	112	162	214	266	320	374	415	467	520	573	627	681	736
36	S	119	172	225	278	331	383	436	489	542	595	648	701	754
42	T	171	244	318	392	467	542	611	685	760	834	909	985	1060
42	S	169	241	313	385	457	529	601	673	745	817	889	961	1033
48	T	211	301	392	484	577	671	751	843	936	1029	1122	1216	1311
48	S	222	316	410	504	598	692	786	880	974	1068	1162	1256	1350
54	S	293	412	531	650	769	888	1006	1125	1244	1363	1482	1601	1720
60	T	357	502	648	795	943	1092	1242	1392	1521	1668	1817	1965	2115
60	S	364	511	658	805	952	1099	1246	1392	1539	1686	1833	1980	2127
66	T	427	597	767	939	1111	1285	1459	1635	1812	1990	2169	2349	2531
72	T	524	728	933	1139	1346	1554	1764	1975	2187	2400	2614	2830	3046
72	S	543	754	966	1177	1389	1600	1812	2023	2235	2446	2658	2870	3081
84	T	752	1033	1317	1602	1889	2179	2470	2763	3058	3355	3587	3876	4166
90	T	866	1184	1503	1823	2145	2468	2793	3120	3448	3778	4109	4442	4776
96	T	1016	1382	1749	2119	2491	2866	3243	3622	4003	4387	4773	5162	5553
96	S	1044	1420	1796	2172	2548	2924	3300	3676	4052	4428	4804	5180	5556
108	T	1304	1756	2211	2667	3125	3585	4047	4510	4975	5442	5911	6382	6855
120	T	1727	2305	2886	3469	4054	4642	5232	5825	6420	7018	7618	8221	8826
120	LT	1728	2306	2885	3467	4051	4637	5225	5814	6406	7000	7596	8193	8793
120	S	1753	2341	2928	3516	4103	4691	5278	5866	6453	7041	7628	8216	8803
132	T	2129	2819	3511	4205	4901	5599	6299	7002	7706	8413	9122	9833	10546
138	T	2402	3168	3937	4709	5483	6260	7040	7822	8607	9394	10184	10977	11772
144	T	2716	3566	4419	5276	6135	6998	7864	8733	9605	10480	11358	12240	13124
144	MT	2703	3546	4391	5238	6088	6941	7796	8653	9513	10375	11240	12107	12977
144	LT	2702	3544	4387	5233	6080	6929	7781	8634	9490	10347	11206	12068	12931
144	S	2717	3563	4409	5255	6101	6947	7793	8639	9485	10331	11177	12023	12869
156	T	3321	4320	5321	6326	7332	8342	9354	10369	11386	12406	13429	14454	15482
156	S	3317	4309	5302	6295	7288	8281	9274	10267	11260	12253	13246	14239	15231
168	T	3738	4844	5953	7065	8180	9298	10419	11543	12670	13800	14934	16070	17209
168	LT	3748	4859	5972	7088	8206	9327	10451	11578	12708	13840	14975	16112	17253
168	S	3838	4990	6141	7293	8444	9596	10748	11899	13051	14202	15354	16505	17657

T = Standard Taper Mold, MT = Medium Taper Mold, LT = Long Taper Mold, S = Straight Mold

ONE SECTION

TWO SECTION

Two Section tanks ship as ONE piece with factory center joint.

Capacities shown are approximate U.S. Gallons to the top of the tank straight side.

Due to tooling, Open, Dome & Flat Top capacities may vary slightly.

Tapered Molds (T, MT & LT) are the Most Cost Effective.



Search by **STRAIGHT SIDE**
Every 12" of Straight Side
Tank Diameter x Straight Side

DISHED BOTTOM TANKS

Straight Side Length

Dia.	Mold	180	192	204	216	228	240	252	264	276	288	300	312	324
18	T	207												
24	T													
30	T	576												
30	S	560	597	633	670	707	743	780	817	854	890	927	964	1000
36	T	791												
36	S	807	859	912	965	1018	1071	1124	1177	1230	1282	1335	1388	1441
42	T	1136												
42	S	1105	1177	1249	1321	1393	1465	1537	1609	1681	1753	1825	1896	1968
48	T	1406												
48	S	1444	1538	1632	1726	1820	1914	2008	2102	2196	2290	2384	2478	2572
54	S	1839	1958	2077	2196	2315	2434	2553	2672	2791	2910	3029	3148	3267
60	T	2264	2415	2565	2717	2868								
60	S	2274	2421	2567	2714	2861	3008	3155	3302	3449	3596	3743	3889	4036
66	T	2713	2897	3081	3267	3454	3642	3713	3891	4070	4250	4430	4610	4792
72	T	3264	3483	3704	3925	4148	4256	4469	4683	4897	5112	5327	5543	5760
72	S	3293	3504	3716	3927	4139	4350	4562	4773	4985	5196	5408	5619	5831
84	T	4457	4749	5042	5336	5630	5926	6223	6521	6819				
90	T	5112	5449	5788	6129	6471	6814	6993	7323	7654	7986	8319	8652	8986
96	T	5946	6341	6739	6957	7338	7721	8104	8489	8875	9262	9650	10039	10430
96	S	5932	6308	6684	7060	7436	7812	8188	8564	8940	9316	9692	10068	10444
108	T	7329	7805	8283	8621	9086	9552	10019	10486	10955	11424	11895	12366	12839
120	T	9433	10043	10656	11079	11674	12270	12868	13467	14067	14668	15270	15874	16479
120	LT	9395	9999	10605	11213	11823	12435	13049	13429	14025	14621	15219	15817	16417
120	S	9391	9978	10566	11154	11741	12329	12916	13504	14091	14679	15266	15854	16441
132	T	11262	11979	12699	13421	14145	14871	15599	16330	17063	17798	18535	18919	19633
138	T	12570	13371	14174	14980	15789	16600	17132	17921	18710	19502	20294	21088	21883
144	T	14012	14903	15797	16695	17321	18195	19070	19946	20824	21704	22585	23468	24352
144	MT	13849	14724	15601	16481	17363	18247	19134	20024	20916	21811	22708	23607	24075
144	LT	13796	14664	15533	16404	17278	18153	19031	19910	20791	21675	22560	23448	24337
144	S	13715	14561	15407	16253	17099	17945	18791	19638	20484	21330	22176	23022	23868
156	T	16513	17547	18583	19621	20663	21707	22754	23803	24855	25910	26968	28028	28623
156	S	16224	17217	18210	19203	20196	21189	22182	23175	24168	25161	26153	27146	28139
168	T	18192	19314	20439	21564	22691	23820	24950	26082	27215	28350	29487	30625	31764
168	LT	18396	19542	20690	21841	22996	24152	25312	26474	27639	28807	29978	31151	31847
168	S	18808	19960	21111	22263	23414	24566	25718	26869	28021	29172	30324	31475	32627

T = Standard Taper Mold, MT = Medium Taper Mold, LT = Long Taper Mold, S = Straight Mold

ONE SECTION

TWO SECTION

Two Section tanks ship as ONE piece with factory center joint.

Capacities shown are approximate U.S. Gallons to the top of the tank straight side.

Due to tooling, Open, Dome & Flat Top capacities may vary slightly.

Tapered Molds (T, MT & LT) are the Most Cost Effective.



Search by **STRAIGHT SIDE**
Every 12" of Straight Side
Tank Diameter x Straight Side

DISHED BOTTOM TANKS

Straight Side Length

Dia.	Mold	336	348	360	372	384	396	408	420	432	444	456	468	480
18	T													
24	T													
30	T													
30	S	1037	1074	1111	1147	1184	1221	1258	1294	1331	1368	1404	1441	1478
36	T													
36	S	1494	1547	1600	1653	1705	1758	1811	1864	1917	1970	2023	2076	2128
42	T													
42	S	2040	2112	2184	2256	2328	2400	2472	2544	2616	2688	2760	2832	
48	T													
48	S	2666	2760	2854	2948	3042	3136	3230	3324	3418	3512	3606	3700	3794
54	S	3386	3505	3624	3743	3862	3981	4100	4219	4338	4457	4576	4695	
60	T													
60	S	4183	4330	4477	4624	4771	4918	5064	5211	5358	5505	5652	5799	
66	T	4973	5156	5338	5522	5706	5890	6075	6261	6447	6634	6821	7009	7197
72	T	5977	6195	6413	6632	6851	7072	7292	7514	7736	7958	8182	8405	
72	S	6042	6254	6465	6677	6888	7100	7311	7523	7734	7946	8157	8369	
84	T													
90	T	9321	9656	9993	10330	10668	11007	11346	11687	12028	12370	12712	13056	13400
96	T	10821	11214	11608	12003	12400	12797	13196	13596					
96	S	10820	11196	11572	11948	12324	12700	13076	13452	13829	14205	14581	14957	15333
108	T	13312	13786	14261	14737	15214	15691	16170	16650					
120	T	17085	17692	18301	18911	19522	20134	20748	21363					
120	LT	17018	17619	18222	18826	19430	20036	20643	21251	21859	22469	23080	23692	24304
120	S	17029	17616	18204	18791	19379	19966	20554	21141	21729	22316	22904	23491	24079
132	T	20347	21062	21778	22495	23214	23933	24654	25376	26098	26822	27547	28273	29000
138	T	22679	23477	24276	25077	25878	26682	27486	28292	29099	29907	30717	31528	32341
144	T	25238	26126	27015	27906	28798	29692	30588	31485	32384				
144	MT	24946	25818	26692	27567	28442	29320	30198	31078	31958	32840	33724	34608	35494
144	LT	25229	26122	27018	27915	28815	29717	30620	31526	31802	32675	33550	34425	35301
144	S	24714	25560	26406	27252	28098	28944	29790	30636	31482	32328	33174	34020	34866
156	T	29653	30684	31716	32749	33784	34820	35857	36896	37936	38978	40020	41064	42110
156	S	29132	30125	31118	32111	33104	34097	35090	36082	37075	38068	39061	40054	41047
168	T													
168	LT	32989	34132	35277	36423	37570	38718	39868	41020	42172	43326	44482	45639	46797
168	S	33778	34930	36081	37233	38384	39536	40688	41839	42991	44142	45294	46445	47597

T = Standard Taper Mold, MT = Medium Taper Mold, LT = Long Taper Mold, S = Straight Mold

ONE SECTION

TWO SECTION

Two Section tanks ship as ONE piece with factory center joint.

Capacities shown are approximate U.S. Gallons to the top of the tank straight side.

Due to tooling, Open, Dome & Flat Top capacities may vary slightly.

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Search by **STRAIGHT SIDE**
Every 12" of Straight Side
Tank Diameter x Straight Side

DISHED BOTTOM TANKS

Straight Side Length

Dia.	Mold	492	504	516	528	540	552	564	576	588	600	612	624
18	T												
24	T												
30	T												
30	S												
36	T												
36	S	2181											
42	T												
42	S												
48	T												
48	S	3888	3982	4076									
54	S												
60	T												
60	S												
66	T	7386											
72	T												
72	S												
84	T												
90	T	13745											
96	T												
96	S	15709	16085	16461									
108	T												
120	T												
120	LT	24918	25533	26149									
120	S	24666	25254	25842	26429	27017	27604	28192	28779	29367	29954	30542	
132	T	29729	30458	31188	31920	32652	33386	34121	34856	35593	36331		
138	T												
144	T												
144	MT	36381	37270	38159	39050	39942	40836	41730	42626	43523	44421	45321	46222
144	LT	36179	37057	37937	38817	39698	40581	41464	42349	43234	44121	45008	45896
144	S	35712	36558	37404	38250	39096	39942	40788	41634	42480	43326	44172	
156	T	43157	44205	45254	46305	47357	48411	49466	50522	51579	52638	53699	
156	S	42040											
168	T												
168	LT	47957	49118	50280	51444	52609	53775	54943	56112	57283	58455	59628	60803
168	S	48748	49900	51051	52203								

T = Standard Taper Mold, MT = Medium Taper Mold, LT = Long Taper Mold, S = Straight Mold

ONE SECTION

TWO SECTION

Two Section tanks ship as ONE piece with factory center joint.

Capacities shown are approximate U.S. Gallons to the top of the tank straight side.

Due to tooling, Open, Dome & Flat Top capacities may vary slightly.

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Dished Bottom Tanks

Straight Side Length (Inches) Per Capacity

CAPACITIES (U.S. Gallons) - NO Freeboard

Dia.	Mold	50	100	200	300	400	500	750	1000	1250	1500	2000	3000	4000	5000	6000
18	T	43	86	173												
24	T	23	48	98												
30	T		30	62	94											
30	S		30	63	95	128	161	242	324							
36	T			45	68	90	115									
36	S			43	65	88	111	168	224	281						
42	T			29	46	62	78	119								
42	S			30	46	63	80	121	163	205	246					
48	T				36	49	62	96								
48	S				34	47	60	92	124	156	188	251	379			
54	S				25	35	45	71	96	121	146	197	298			
60	T					28	36	57	77	97	117					
60	S					27	36	56	76	97	117	158	240			
66	T						30	47	65	82	99	133	199	271		
72	T							38	52	67	81	110	166	220	282	
72	S							36	50	65	79	107	164	221	277	
84	T								35	46	56	77	118	161		
90	T								30	39	48	67	104	141	176	212
96	T									32	40	57	89	120	151	182
96	S									31	39	55	87	119	151	183
108	T										30	43	69	95	121	147
120	T											30	51	71	92	112
120	LT											30	51	71	92	112
120	S											30	50	70	91	111
132	T												40	57	74	91
138	T												34	49	65	80
144	T												29	43	57	71
144	MT												29	43	57	71
144	LT												29	43	57	71
144	S												29	43	57	71
156	T													33	45	57
156	S													33	45	57
168	T													27	38	49
168	LT													27	38	49
168	S													26	37	47

T = Standard Taper Mold, **MT** = Medium Taper Mold, **LT** = Long Taper Mold, **S** = Straight Mold

RED text designates a two section tank (factory center joint).

Straight Side Lengths are to the Nearest Capacities in U.S. Gallons.

Due to tooling, Open, Dome & Flat Top capacities may vary slightly.

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Dished Bottom Tanks

Straight Side Length (Inches) Per Capacity

CAPACITIES (U.S. Gallons) - NO Freeboard

Dia.	Mold	7000	8000	9000	10000	12000	14000	16000	18000	20000	25000	30000	35000	40000	45000	50000
18	T															
24	T															
30	T															
30	S															
36	T															
36	S															
42	T															
42	S															
48	T															
48	S															
54	S															
60	T															
60	S															
66	T															
72	T															
72	S															
84	T															
90	T	247														
96	T	218														
96	S	215	246	278												
108	T	172	197	226												
120	T	132	152	172	192	235	275	315	354	393						
120	LT	132	153	173	193	232	276	316	356	395	494					
120	S	132	152	173	193	234	275	315	356	397	499	601				
132	T	108	125	142	159	193	226	259	292	330	414	497				
138	T	96	111	126	142	172	202	232	265	296	371	446				
144	T	85	98	112	126	153	180	207	238	265	333	400				
144	MT	85	99	113	127	155	183	210	237	264	337	406	473	541	608	
144	LT	85	100	114	128	156	183	211	238	266	333	400	476	544	612	679
144	S	85	99	114	128	156	185	213	241	270	341	411	482	553		
156	T	69	80	92	104	128	151	175	198	221	278	340	398	456	513	570
156	S	69	81	93	105	129	154	178	202	226	287	347	407	468		
168	T	60	71	81	92	113	135	156	178	200	253	306				
168	LT	60	70	81	92	113	134	155	176	197	249	301	357	410	462	513
168	S	57	68	78	89	110	130	151	172	193	245	297	349	401	453	506

T = Standard Taper Mold, MT = Medium Taper Mold, LT = Long Taper Mold, S = Straight Mold

RED text designates a two section tank (factory center joint).

Straight Side Lengths are to the Nearest Capacities in U.S. Gallons.

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OKV : Open Top, Cone Bottom, Vertical Sidewall
DKV : Dome Top, Cone Bottom, Vertical Sidewall
FKV : Flat Top, Cone Bottom, Vertical Sidewall

CONE BOTTOMS

TWO SECTION tanks include a factory laminated center joint.

Larger tanks are available in each size, which would require more sidewall sections and joints.

Head Chart							
DIAMETER Inches	Dome Height Inches	Cone Depth Inches	Cone Gallon Capacity	DIAMETER Inches	Dome Height Inches	Cone Depth Inches	Cone Gallon Capacity
18	3	9	3	84	14	39	277
24	4	12	7	90	15	42	333
30	5	15	15	96	16	45	422
36	6	15	15	108	18	51	595
42	7	21	41	120	20	58	864
48	8	21	43	132	22	63	1140
54	9	27	89	138	23	66	1327
60	10	28	97	144	24	70	1522
66	11	30	124	156	26	78	2151
72	12	33	166	168	28	82	2505

Tank Overall Height Formula

Dome Top Height (DKV Model Only) + Straight Side + 1" for both head thicknesses + Cone Bottom Depth + Underclearance
(Standards: 18" for Legs & 24" for Skirts).



MAXIMUM Straight Side Length & Capacity
for ONE & TWO Sections
 with Gallon Capacities by Tank Diameter and Mold Type.

		ONE Section								TWO Section					
		Open Top - OKV				Dome Top - DKV				Flat Top - FKV				Average Gallons Per Inch	
		Straight Side / Gallon Capacity				Straight Side / Gallon Capacity				Straight Side / Gallon Capacity					
Dia.	Mold	SS	GC	SS	GC	SS	GC	SS	GC	SS	GC	SS	GC		
18	T	95	111	187	217	96	112	188	218	99	116	191	221	1.17	1.16
24	T	70	148	137	284	71	151	138	286	74	157	141	291	2.11	2.06
30	T	91	301	179	580	92	304	180	582	95	314	183	590	3.30	3.22
30	S	243	758	483	1492	243	758	483	1492	248	773	489	1519	3.12	3.09
36	T	91	408	179	792	92	413	180	794	95	427	183	805	4.48	4.40
36	S	250	1117	497	2205	250	1117	497	2205	255	1139	503	2244	4.47	4.44
42	T	93	614	183	1172	94	621	184	1177	97	640	187	1194	6.60	6.39
42	S	238	1468	473	2877	238	1468	473	2877	243	1498	479	2930	6.16	6.08
48	T	91	735	179	1410	92	743	180	1414	95	767	183	1435	8.07	7.84
48	S	266	2126	529	4186	266	2126	529	4186	271	2165	535	4256	7.99	7.91
54	S	237	2438	471	4758	237	2438	471	4758	242	2488	477	4846	10.28	10.10
60	T	115	1507	227	2886	119	1558	228	2894	119	1558	231	2929	13.09	12.68
60	S	237	2997	471	5862	237	2997	471	5862	242	3059	477	5970	12.64	12.45
66	T	247	3783	491	7412	251	3846	495	7464	251	3846	495	7457	15.32	15.06
72	T	235	4340	467	8460	239	4415	471	8523	239	4415	471	8516	18.47	18.08
72	S	239	4394	475	8554	239	4394	475	8554	244	4482	481	8711	18.37	18.01
84	T	139	3611	275	6888	143	3711	279	6976	143	3711	279	6969	25.95	24.98
90	T	247	7112	491	13828	251	7227	495	13928	251	7227	495	13918	28.79	28.12
96	T	211	7102	419	13712	215	7235	423	13826	215	7235	423	13813	33.65	32.65
96	S	262	8631	521	16747	262	8631	521	16747	267	8788	527	17026	32.91	32.14
108	T	211	8513	419	16807	215	8897	423	16944	215	8668	423	16941	40.32	40.05
120	T	210	10952	417	21516	215	11493	425	21893	215	11200	422	21731	52.09	51.50
120	LT	258	13345	513	26302	263	13886	521	26680	263	13592	518	26518	51.68	51.19
120	S	310	16041	617	31072	310	16041	617	31072	316	16335	623	31556	51.69	50.36
132	T	304	18809	605	37050	309	19459	613	37502	309	19107	610	37307	61.83	61.16
138	T	240	16656	477	32613	245	17374	485	33115	245	16985	482	32902	69.33	68.26
144	T	218	16906	433	32983	223	17700	441	33540	223	17270	438	33305	77.44	76.04
144	MT	316	23970	629	47127	323	24914	639	47830	323	24476	636	47574	75.78	74.80
144	LT	424	31889	845	62973	431	32836	855	63676	431	32398	852	63418	75.17	74.43
144	S	310	23377	617	45021	310	23377	617	45021	316	23800	623	45720	75.32	72.97
156	T	309	28069	615	54818	316	29185	625	55651	316	28666	622	55354	90.72	88.99
156	S	250	22836	497	43273	250	22836	497	43273	256	23333	503	44251	91.14	87.07
168	T	161	16945	319	32270	168	18158	329	33189	168	17587	326	32878	104.68	100.85
168	LT	310	31346	617	61113	317	32581	627	62038	317	32008	624	61712	100.97	98.90
168	S	268	28213	533	53643	268	28213	533	53643	274	28789	539	54778	105.07	100.64

T = Standard Taper Mold, MT = Medium Taper Mold, LT = Long Taper Mold, S = Straight Mold

ONE SECTION

TWO SECTION

Two Section tanks ship as ONE piece with factory center joint.
 Capacities shown are approximate U.S. Gallons to the top of the tank straight side.
 Due to tooling, Open, Dome & Flat Top capacities may vary slightly.
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Search by **STRAIGHT SIDE**
Every 12" of Straight Side
Tank Diameter x Straight Side

CONE BOTTOM TANKS

Straight Side Length

Dia.	Mold	24	36	48	60	72	84	96	108	120	132	144	156	168
18	T	29	43	57	70	84	98	111	125	138	152	166	180	194
24	T	55	79	104	128	151	176	200	224	249	273			
30	T	88	125	163	201	240	278	312	350	388	427	465	504	543
30	S	88	125	161	198	235	272	308	345	382	418	455	492	529
36	T	114	164	216	268	322	376	417	469	522	576	629	684	738
36	S	121	174	227	280	333	386	439	491	544	597	650	703	756
42	T	186	259	333	407	482	558	626	700	775	850	925	1000	1076
42	S	184	256	328	400	472	544	616	688	760	832	904	976	1048
48	T	220	310	401	493	586	680	760	852	944	1037	1131	1224	1319
48	S	231	325	419	513	607	701	795	889	983	1077	1171	1265	1359
54	S	326	445	564	683	802	921	1040	1159	1278	1397	1516	1635	1754
60	T	383	528	674	821	969	1118	1267	1418	1547	1694	1842	1991	2140
60	S	390	537	684	831	978	1125	1272	1418	1565	1712	1859	2006	2153
66	T	458	627	798	969	1142	1315	1490	1666	1843	2021	2200	2380	2561
72	T	586	789	994	1200	1407	1616	1825	2036	2248	2461	2676	2891	3108
72	S	605	816	1028	1239	1451	1662	1874	2085	2297	2508	2720	2931	3143
84	T	834	1115	1399	1684	1972	2261	2552	2845	3140	3437	3669	3958	4248
90	T	963	1280	1599	1919	2241	2565	2890	3216	3544	3874	4205	4538	4872
96	T	1146	1511	1879	2249	2621	2995	3372	3751	4133	4517	4903	5291	5682
96	S	1174	1550	1926	2302	2678	3054	3430	3806	4182	4558	4934	5310	5686
108	T	1486	1938	2393	2849	3307	3767	4229	4692	5157	5624	6093	6564	7036
120	T	2012	2591	3171	3754	4339	4927	5518	6110	6706	7303	7903	8506	9111
120	LT	2013	2591	3171	3753	4336	4922	5510	6100	6691	7285	7881	8479	9079
120	S	2039	2626	3214	3801	4389	4976	5564	6151	6739	7326	7914	8501	9089
132	T	2513	3202	3894	4588	5284	5982	6683	7385	8090	8797	9505	10217	10930
138	T	2852	3618	4387	5159	5933	6710	7489	8271	9056	9844	10634	11426	12222
144	T	3213	4063	4916	5772	6632	7494	8360	9229	10101	10976	11855	12736	13621
144	MT	3200	4042	4887	5735	6585	7438	8292	9150	10010	10872	11737	12604	13474
144	LT	3199	4040	4884	5729	6577	7426	8278	9131	9986	10844	11703	12564	13428
144	S	3214	4060	4906	5752	6598	7444	8290	9136	9982	10828	11674	12520	13366
156	T	4141	5140	6141	7145	8152	9162	10174	11189	12206	13226	14249	15274	16302
156	S	4136	5129	6122	7115	8108	9101	10094	11087	12080	13072	14065	15058	16051
168	T	4698	5804	6913	8025	9140	10258	11379	12503	13630	14761	15894	17030	18031
168	LT	4708	5819	6932	8048	9166	10288	11412	12538	13668	14800	15935	17073	18213
168	S	4799	5950	7102	8253	9405	10556	11708	12859	14011	15162	16314	17466	18617

T = Standard Taper Mold, MT = Medium Taper Mold, LT = Long Taper Mold, S = Straight Mold

ONE SECTION

TWO SECTION

Two Section tanks ship as ONE piece with factory center joint.

Capacities shown are approximate U.S. Gallons to the top of the tank straight side.

Due to tooling, Open, Dome & Flat Top capacities may vary slightly.

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Search by **STRAIGHT SIDE**
Every 12" of Straight Side
Tank Diameter x Straight Side

CONE BOTTOM TANKS

Straight Side Length

Dia.	Mold	180	192	204	216	228	240	252	264	276	288	300	312	324
18	T	208												
24	T													
30	T													
30	S	565	602	639	675	712	749	786	822	859	896	933	969	1006
36	T													
36	S	809	862	914	967	1020	1073	1126	1179	1232	1285	1337	1390	1443
42	T	1151												
42	S	1120	1192	1264	1336	1408	1480	1552	1624	1696	1768	1840	1912	1984
48	T													
48	S	1453	1547	1641	1735	1829	1923	2017	2111	2205	2299	2393	2487	2581
54	S	1873	1992	2111	2230	2349	2468	2587	2706	2825	2944	3063	3182	3301
60	T	2290	2440	2591	2743									
60	S	2300	2447	2593	2740	2887	3034	3181	3328	3475	3622	3769	3915	4062
66	T	2744	2927	3112	3298	3484	3672	3744	3922	4101	4280	4461	4641	4822
72	T	3326	3545	3765	3987	4210	4318	4531	4744	4959	5173	5389	5605	5821
72	S	3354	3566	3777	3989	4200	4412	4623	4835	5046	5258	5469	5681	5892
84	T	4539	4831	5124	5418	5713	6008	6305	6603					
90	T	5208	5545	5884	6225	6567	6911	7089	7420	7750	8082	8415	8748	9082
96	T	6075	6471	6869	7087	7468	7850	8234	8618	9004	9391	9779	10169	10559
96	S	6062	6438	6814	7190	7566	7942	8318	8694	9070	9446	9822	10198	10574
108	T	7511	7987	8465	8803	9268	9734	10200	10668	11137	11606	12077	12548	13020
120	T	9719	10329	10941	11365	11960	12556	13153	13752	14352	14953	15556	16159	16764
120	LT	9680	10284	10890	11498	12108	12720	13334	13714	14310	14907	15504	16103	16702
120	S	9676	10264	10851	11439	12026	12614	13201	13789	14376	14964	15552	16139	16727
132	T	11645	12363	13082	13804	14528	15254	15983	16713	17446	18181	18918	19303	20016
138	T	13020	13820	14624	15430	16238	17049	17582	18370	19160	19951	20744	21537	22333
144	T	14509	15400	16294	17191	17818	18691	19566	20443	21321	22201	23082	23965	24849
144	MT	14346	15220	16098	16977	17859	18744	19631	20520	21413	22307	23204	24104	24572
144	LT	14293	15160	16030	16901	17774	18650	19527	20407	21288	22171	23057	23944	24834
144	S	14212	15058	15904	16750	17596	18442	19288	20134	20980	21826	22672	23518	24364
156	T	17333	18366	19402	20441	21483	22527	23574	24623	25675	26730	27788	28415	29443
156	S	17044	18037	19030	20023	21016	22009	23002	23994	24987	25980	26973	27966	28959
168	T	19152	20275	21399	22524	23652	24780	25911	27042	28176	29311	30447	31585	
168	LT	19356	20502	21650	22802	23956	25113	26272	27435	28600	29768	30938	31667	32808
168	S	19769	20920	22072	23223	24375	25526	26678	27829	28981	30132	31284	32436	33587

T = Standard Taper Mold, MT = Medium Taper Mold, LT = Long Taper Mold, S = Straight Mold

ONE SECTION

TWO SECTION

Two Section tanks ship as ONE piece with factory center joint.

Capacities shown are approximate U.S. Gallons to the top of the tank straight side.

Due to tooling, Open, Dome & Flat Top capacities may vary slightly.

Tapered Molds (T, MT & LT) are the Most Cost Effective.



Search by **STRAIGHT SIDE**
Every 12" of Straight Side
Tank Diameter x Straight Side

CONE BOTTOM TANKS

Straight Side Length

Dia.	Mold	336	348	360	372	384	396	408	420	432	444	456	468	480
18	T													
24	T													
30	T													
30	S	1043	1079	1116	1153	1190	1226	1263	1300	1336	1373	1410	1447	1483
36	T													
36	S	1496	1549	1602	1655	1708	1760	1813	1866	1919	1972	2025	2078	2131
42	T													
42	S	2056	2128	2200	2272	2344	2416	2488	2559	2631	2703	2775	2847	
48	T													
48	S	2675	2769	2863	2957	3051	3145	3239	3333	3427	3521	3615	3709	3803
54	S	3420	3539	3658	3777	3896	4015	4134	4253	4372	4490	4609	4728	
60	T													
60	S	4209	4356	4503	4650	4797	4944	5090	5237	5384	5531	5678	5825	
66	T	5004	5186	5369	5552	5736	5921	6106	6291	6478	6664	6852	7039	7228
72	T	6038	6256	6475	6694	6913	7133	7354	7575	7797	8020	8243		
72	S	6104	6315	6527	6738	6950	7161	7373	7584	7796	8007	8219	8430	
84	T													
90	T	9417	9753	10089	10426	10764	11103	11443	11783	12124	12466	12809	13152	13496
96	T	10951	11344	11738	12133	12529	12927	13325						
96	S	10950	11326	11702	12078	12454	12830	13206	13582	13958	14334	14710	15086	15462
108	T	13494	13968	14443	14919	15396	15873	16352						
120	T	17370	17978	18586	19196	19807	20420	21033						
120	LT	17303	17905	18507	19111	19716	20321	20928	21536	22145	22754	23365	23977	24590
120	S	17314	17902	18489	19077	19664	20252	20839	21427	22014	22602	23189	23777	24364
132	T	20730	21445	22161	22879	23597	24317	25037	25759	26482	27206	27931	28657	29384
138	T	23129	23927	24726	25526	26328	27131	27936	28741	29548	30357	31167	31978	
144	T	25735	26623	27512	28403	29295	30189	31084	31981	32880				
144	MT	25443	26315	27188	28063	28939	29816	30695	31574	32455	33337	34220	35105	35991
144	LT	25725	26619	27514	28412	29312	30213	31117	32023	32929	33837	34746	35655	36564
144	S	25210	26056	26902	27748	28594	29440	30286	31133	31979	32825	33671	34517	35363
156	T	30473	31503	32535	33569	34604	35640	36677	37716	38756	39797	40840	41884	42930
156	S	29952	30945	31938	32931	33924	34916	35909	36902	37895	38888	39881	40874	41867
168	T													
168	LT	33949	35093	36237	37383	38530	39679	40829	41980	43133	44287	45442	46599	47757
168	S	34739	35890	37042	38193	39345	40496	41648	42799	43951	45102	46254	47406	48557

T = Standard Taper Mold, MT = Medium Taper Mold, LT = Long Taper Mold, S = Straight Mold

ONE SECTION

TWO SECTION

Two Section tanks ship as ONE piece with factory center joint.

Capacities shown are approximate U.S. Gallons to the top of the tank straight side.

Due to tooling, Open, Dome & Flat Top capacities may vary slightly.

Tapered Molds (T, MT & LT) are the Most Cost Effective.



Search by **STRAIGHT SIDE**
Every 12" of Straight Side
Tank Diameter x Straight Side

CONE BOTTOM TANKS

Straight Side Length

Dia.	Mold	492	504	516	528	540	552	564	576	588	600	612	624
18	T												
24	T												
30	T												
30	S												
36	T												
36	S	2183											
42	T												
42	S												
48	T												
48	S	3897	3991	4085									
54	S												
60	T												
60	S												
66	T												
72	T												
72	S												
84	T												
90	T												
96	T												
96	S	15838	16214	16590									
108	T												
120	T												
120	LT	25204	25818										
120	S	24952	25539	26127	26714	27302	27889	28477	29064	29652	30240	30827	
132	T	30112	30841	31572	32303	33036	33769	34504	35240	35977	36715		
138	T												
144	T												
144	MT	36878	37766	38656	39547	40439	41332	42227	43123	44020	44918	45818	46719
144	LT	36675	37554	38433	39314	40195	41077	41961	42845	43731	44617	45505	46393
144	S	36209	37055	37901	38747	39593	40439	41285	42131	42977	43823	44669	
156	T	43976	45025	46074	47125	48177	49231	50285	51342	52399	53458	54519	
156	S	42860											
168	T												
168	LT	48917	50078	51240	52404	53569	54735	55903	57073	58243	59415	60589	
168	S	49709	50860	52012	53163								

T = Standard Taper Mold, MT = Medium Taper Mold, LT = Long Taper Mold, S = Straight Mold

ONE SECTION

TWO SECTION

Two Section tanks ship as ONE piece with factory center joint.

Capacities shown are approximate U.S. Gallons to the top of the tank straight side.

Due to tooling, Open, Dome & Flat Top capacities may vary slightly.

Tapered Molds (T, MT & LT) are the Most Cost Effective.



Cone Bottom Tanks

Straight Side Length (Inches) Per Capacity

CAPACITIES (U.S. Gallons) - NO Freeboard

Dia.	Mold	50	100	200	300	400	500	750	1000	1250	1500	2000	3000	4000	5000	6000
18	T	42	85	192												
24	T		46	96												
30	T		28	60	91											
30	S		28	61	94	126	159	241	322							
36	T			45	68	89	115									
36	S			42	65	88	110	167	224	281						
42	T			27	43	59	75	116								
42	S			27	44	60	77	119	160	202	244					
48	T				35	48	61	93								
48	S				33	46	59	91	123	155	186	250	378			
54	S					32	42	67	92	118	143	193	294			
60	T					26	34	55	75	95	115					
60	S					25	33	54	74	95	115	156	238			
66	T						27	45	63	80	97	131	197	269		
72	T							34	49	63	78	106	163	217	278	
72	S							33	47	61	75	104	160	217	274	
84	T								32	42	53	74	115	158		
90	T								26	35	45	63	101	137	173	209
96	T									28	36	52	85	116	147	178
96	S									27	35	51	83	115	147	179
108	T										31	44	70	96	122	148
120	T											30	51	71	92	112
120	LT											30	51	72	92	112
120	S												44	65	85	105
132	T												39	56	74	91
138	T												33	48	64	79
144	T												27	42	56	70
144	MT												28	42	56	70
144	LT												28	42	56	70
144	S													36	50	64
156	T													29	41	53
156	S														35	47
168	T														34	45
168	LT														34	44
168	S														27	37

T = Standard Taper Mold, **MT** = Medium Taper Mold, **LT** = Long Taper Mold, **S** = Straight Mold

RED text designates a two section tank (factory center joint).

Straight Side Lengths are to the Nearest Capacities in U.S. Gallons.

Due to tooling, Open, Dome & Flat Top capacities may vary slightly.

Tapered Molds (T, MT & LT) are the Most Cost Effective.



Cone Bottom Tanks

Straight Side Length (Inches) Per Capacity

CAPACITIES (U.S. Gallons) - NO Freeboard

Dia.	Mold	7000	8000	9000	10000	12000	14000	16000	18000	20000	25000	30000	35000	40000	45000	50000
18	T															
24	T															
30	T															
30	S															
36	T															
36	S															
42	T															
42	S															
48	T															
48	S															
54	S															
60	T															
60	S															
66	T															
72	T															
72	S															
84	T															
90	T	243														
96	T	208														
96	S	210	242	274												
108	T	173	199	221												
120	T	132	152	172	192	229	269	309	349	388						
120	LT	133	153	173	193	232	270	310	350	390	488					
120	S	126	146	167	187	228	269	310	350	391	493	596				
132	T	108	125	142	159	192	226	259	291	324	408	490				
138	T	95	110	126	141	171	201	231	259	289	364	439				
144	T	84	97	111	125	152	179	206	231	258	326	394				
144	MT	84	98	112	126	154	182	209	236	263	330	399	467	534	601	
144	LT	84	99	113	127	155	182	210	237	265	333	399	469	538	605	673
144	S	78	92	107	121	149	177	206	234	263	334	404	475	546		
156	T	65	77	89	100	124	147	171	194	217	275	331	389	447	504	561
156	S	59	71	83	95	120	144	168	192	216	277	337	398	458		
168	T	55	66	77	88	109	130	151	168	189	243	296				
168	LT	55	66	77	87	109	130	151	172	193	245	297	347	400	452	503
168	S	47	58	68	79	100	120	141	162	183	235	287	339	391	443	496

T = Standard Taper Mold, MT = Medium Taper Mold, LT = Long Taper Mold, S = Straight Mold

RED text designates a two section tank (factory center joint).

Straight Side Lengths are to the Nearest Capacities in U.S. Gallons.

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DDH : Dished End, Dished End, Horizontal Sidewall

HORIZONTALS

TWO SECTION tanks include a factory laminated center joint.

Larger tanks are available in each size, which would require more sidewall sections and joints.

Head Chart					
DIAMETER Inches	Dish Depth Inches	Dish Gallon Capacity	DIAMETER Inches	Dish Depth Inches	Dish Gallon Capacity
18	3	2	84	14	194
24	4	4	90	15	236
30	5	9	96	16	292
36	6	13	108	18	404
42	7	25	120	20	578
48	8	34	132	22	756
54	9	55	138	23	877
60	10	71	144	24	1025
66	11	92	156	26	1331
72	12	120	168	28	1535

Tank Overall Length Formula

Dish Depth x 2 + Straight Side + 1" for both head thicknesses.



MAXIMUM Straight Side Length & Capacity
for ONE & TWO Sections
 with Gallon Capacities by Tank Diameter and Mold Type.

		ONE Section		TWO Section			
		Dished Ends - DDH				Average Gallons Per Inch	
		Straight Side / Gallon Capacity					
Dia.	Mold	Straight Side	Gallon Capacity	Straight Side	Gallon Capacity		
18	T	96	113	189	220	1.18	1.16
24	T	71	152	139	289	2.14	2.08
30	T	92	308	181	589	3.35	3.25
30	S	243	762	483	1497	3.14	3.10
36	T	92	425	181	810	4.62	4.48
36	S	250	1129	497	2217	4.52	4.46
42	T	94	631	185	1193	6.71	6.45
42	S	238	1478	473	2888	6.21	6.11
48	T	92	769	181	1448	8.36	8.00
48	S	266	2152	529	4213	8.09	7.96
54	S	237	2460	471	4780	10.38	10.15
60	T	119	1603	235	3028	13.47	12.89
60	S	237	3042	471	5907	12.84	12.54
66	T	251	3907	499	7589	15.57	15.21
72	T	239	4474	475	8657	18.72	18.23
72	S	239	4453	475	8613	18.63	18.13
84	T	143	3823	283	7189	26.73	25.40
90	T	251	7368	499	14184	29.35	28.42
96	T	215	7398	427	14122	34.41	33.07
96	S	262	8794	521	16910	33.56	32.46
108	T	215	9127	427	17326	42.45	40.58
120	T	215	11798	431	22495	54.87	52.19
120	LT	263	14192	527	27281	53.96	51.77
120	S	310	16334	617	31365	52.69	50.83
132	T	309	19846	619	38245	64.23	61.79
138	T	245	17816	491	33950	72.72	69.14
144	T	223	18245	447	34519	81.82	77.22
144	MT	323	25459	647	48960	78.82	75.67
144	LT	431	33384	863	64811	77.46	75.10
144	S	310	23906	617	45550	77.12	73.82
156	T	316	29713	633	56871	94.03	89.84
156	S	250	23347	497	43785	93.39	88.10
168	T	168	18745	337	34525	111.58	102.45
168	LT	317	33177	635	63398	104.66	99.84
168	S	268	28789	533	54218	107.42	101.72

T = Standard Taper Mold, **MT** = Medium Taper Mold, **LT** = Long Taper Mold, **S** = Straight Mold

ONE SECTION

TWO SECTION

Two Section tanks ship as ONE piece with factory center joint.
Capacities shown are approximate U.S. Gallons full (no freeboard).
Tapered Molds (T, MT & LT) are the Most Cost Effective.



Search by **STRAIGHT SIDE**
Every 12" of Straight Side
Tank Diameter x Straight Side

HORIZONTAL TANKS (DISHED ENDS)

Straight Side Length

Dia.	Mold	24	36	48	60	72	84	96	108	120	132	144	156	168
18	T	30	44	58	71	85	99	113	126	139	153	167	181	195
24	T	57	81	105	129	153	177	201	226	250	275			
30	T	92	130	167	205	244	282	316	354	392	431	469	508	547
30	S	92	129	165	202	239	276	312	349	386	423	459	496	533
36	T	125	176	228	280	333	388	429	481	534	587	641	695	750
36	S	133	186	239	292	344	397	450	503	556	609	662	715	767
42	T	196	270	343	418	493	568	637	711	785	860	935	1010	1086
42	S	195	267	339	411	483	555	627	699	771	843	915	987	1059
48	T	246	336	427	519	612	706	786	878	970	1063	1157	1251	1345
48	S	257	351	445	539	633	727	821	915	1009	1103	1197	1291	1385
54	S	348	467	586	705	824	943	1062	1181	1300	1419	1538	1657	1776
60	T	428	573	719	866	1014	1163	1313	1463	1592	1739	1888	2036	2186
60	S	435	582	729	876	1023	1170	1317	1463	1610	1757	1904	2051	2198
66	T	520	689	859	1031	1203	1377	1552	1728	1904	2082	2262	2442	2623
72	T	644	848	1053	1259	1466	1675	1884	2095	2307	2520	2734	2950	3167
72	S	663	875	1086	1298	1509	1721	1932	2144	2355	2567	2778	2990	3201
84	T	946	1228	1511	1797	2084	2373	2664	2958	3253	3550	3782	4071	4361
90	T	1103	1421	1739	2060	2382	2705	3030	3357	3685	4014	4346	4678	5013
96	T	1309	1674	2042	2412	2784	3159	3535	3915	4296	4680	5066	5454	5845
96	S	1337	1713	2089	2465	2841	3217	3593	3969	4345	4721	5097	5473	5849
108	T	1708	2160	2615	3071	3529	3989	4451	4914	5379	5847	6315	6786	7259
120	T	2306	2884	3464	4047	4633	5221	5811	6404	6999	7597	8197	8799	9404
120	LT	2306	2884	3464	4046	4630	5215	5803	6393	6985	7579	8174	8772	9372
120	S	2332	2919	3507	4094	4682	5269	5857	6444	7032	7620	8207	8795	9382
132	T	2886	3575	4267	4961	5657	6356	7056	7758	8463	9170	9879	10590	11303
138	T	3279	4046	4815	5586	6361	7137	7917	8699	9484	10271	11061	11854	12649
144	T	3741	4591	5445	6301	7161	8023	8889	9758	10630	11505	12383	13265	14150
144	MT	3728	4571	5416	6264	7114	7966	8821	9679	10538	11401	12265	13133	14002
144	LT	3727	4569	5412	6258	7105	7955	8806	9660	10515	11372	12232	13093	13956
144	S	3742	4588	5434	6280	7126	7972	8818	9665	10511	11357	12203	13049	13895
156	T	4652	5651	6652	7657	8664	9673	10685	11700	12717	13737	14760	15786	16814
156	S	4648	5641	6634	7626	8619	9612	10605	11598	12591	13584	14577	15570	16563
168	T	5274	6379	7488	8600	9715	10833	11954	13079	14206	15336	16469	17606	18745
168	LT	5284	6394	7507	8623	9742	10863	11987	13114	14243	15375	16510	17648	18788
168	S	5374	6525	7677	8829	9980	11132	12283	13435	14586	15738	16889	18041	19192

T = Standard Taper Mold, MT = Medium Taper Mold, LT = Long Taper Mold, S = Straight Mold

ONE SECTION

TWO SECTION

Two Section tanks ship as ONE piece with factory center joint.

Capacities shown are approximate U.S. Gallons full (no freeboard).

Tapered Molds (T, MT & LT) are the Most Cost Effective.



Search by **STRAIGHT SIDE**
Every 12" of Straight Side
Tank Diameter x Straight Side

HORIZONTAL TANKS (DISHED ENDS)

Straight Side Length

Dia.	Mold	180	192	204	216	228	240	252	264	276	288	300	312	324
18	T	209												
24	T													
30	T	586												
30	S	569	606	643	680	716	753	790	826	863	900	937	973	1010
36	T	805												
36	S	820	873	926	979	1032	1085	1138	1190	1243	1296	1349	1402	1455
42	T	1162												
42	S	1131	1202	1274	1346	1418	1490	1562	1634	1706	1778	1850	1922	1994
48	T	1440												
48	S	1479	1573	1667	1761	1855	1949	2043	2137	2231	2325	2419	2513	2607
54	S	1895	2013	2132	2251	2370	2489	2608	2727	2846	2965	3084	3203	3322
60	T	2335	2486	2636	2788	2939								
60	S	2345	2492	2639	2785	2932	3079	3226	3373	3520	3667	3814	3960	4107
66	T	2805	2989	3174	3359	3546	3734	3805	3984	4163	4342	4522	4703	4884
72	T	3385	3604	3824	4046	4268	4377	4590	4803	5017	5232	5448	5663	5880
72	S	3413	3624	3836	4047	4259	4470	4682	4893	5105	5317	5528	5740	5951
84	T	4652	4944	5237	5530	5825	6121	6418	6715	7014				
90	T	5348	5686	6025	6365	6707	7051	7230	7560	7891	8223	8555	8889	9223
96	T	6238	6634	7032	7250	7631	8013	8397	8781	9167	9554	9942	10332	10722
96	S	6225	6601	6977	7353	7729	8105	8481	8857	9233	9609	9985	10361	10737
108	T	7733	8209	8687	9025	9490	9956	10423	10890	11359	11829	12299	12770	13243
120	T	10012	10622	11235	11658	12253	12849	13447	14045	14645	15246	15849	16453	17057
120	LT	9974	10578	11183	11791	12401	13013	13627	14008	14603	15200	15797	16396	16996
120	S	9970	10557	11145	11732	12320	12907	13495	14082	14670	15257	15845	16432	17020
132	T	12018	12736	13456	14177	14901	15628	16356	17087	17819	18554	19291	19676	20389
138	T	13447	14248	15051	15857	16666	17477	18009	18798	19588	20379	21171	21965	22760
144	T	15038	15929	16823	17720	18347	19220	20095	20972	21850	22729	23611	24493	25378
144	MT	14875	15749	16626	17506	18388	19273	20160	21049	21941	22836	23733	24633	25101
144	LT	14822	15689	16558	17430	18303	19179	20056	20935	21817	22700	23586	24473	25362
144	S	14741	15587	16433	17279	18125	18971	19817	20663	21509	22355	23201	24047	24893
156	T	17844	18878	19914	20953	21994	23038	24085	25134	26187	27241	28299	29359	29955
156	S	17556	18548	19541	20534	21527	22520	23513	24506	25499	26492	27485	28478	29470
168	T	19727	20850	21974	23100	24227	25356	26486	27618	28751	29886	31022	32160	33300
168	LT	19931	21077	22226	23377	24531	25688	26848	28010	29175	30343	31514	32687	33383
168	S	20344	21496	22647	23799	24950	26102	27253	28405	29556	30708	31859	33011	34162

T = Standard Taper Mold, MT = Medium Taper Mold, LT = Long Taper Mold, S = Straight Mold

ONE SECTION

TWO SECTION

Two Section tanks ship as ONE piece with factory center joint.

Capacities shown are approximate U.S. Gallons full (no freeboard).

Tapered Molds (T, MT & LT) are the Most Cost Effective.



Search by **STRAIGHT SIDE**
Every 12" of Straight Side
Tank Diameter x Straight Side

HORIZONTAL TANKS (DISHED ENDS)

Straight Side Length

Dia.	Mold	336	348	360	372	384	396	408	420	432	444	456	468	480
18	T													
24	T													
30	T													
30	S	1047	1083	1120	1157	1194	1230	1267	1304	1341	1377	1414	1451	1487
36	T													
36	S	1508	1561	1614	1666	1719	1772	1825	1878	1931	1984	2037	2089	2142
42	T													
42	S	2066	2138	2210	2282	2354	2426	2498	2570	2642	2714	2786	2858	
48	T													
48	S	2701	2795	2889	2983	3077	3171	3265	3359	3453	3547	3641	3735	3829
54	S	3441	3560	3679	3798	3917	4036	4155	4274	4393	4512	4631	4750	
60	T													
60	S	4254	4401	4548	4695	4842	4989	5135	5282	5429	5576	5723	5870	
66	T	5066	5248	5431	5614	5798	5983	6168	6353	6539	6726	6913	7101	7290
72	T	6097	6315	6533	6752	6972	7192	7413	7634	7856	8079	8302	8526	
72	S	6163	6374	6586	6797	7009	7220	7432	7643	7855	8066	8278	8489	
84	T													
90	T	9558	9893	10230	10567	10905	11244	11583	11923	12265	12607	12949	13293	13637
96	T	11114	11507	11901	12296	12692	13090	13489	13888					
96	S	11113	11489	11865	12241	12617	12993	13369	13745	14121	14497	14873	15249	15625
108	T	13716	14190	14665	15141	15618	16096	16574	17054					
120	T	17664	18271	18880	19490	20101	20713	21327	21942					
120	LT	17596	18198	18801	19404	20009	20615	21221	21829	22438	23048	23658	24270	24883
120	S	17607	18195	18782	19370	19957	20545	21132	21720	22308	22895	23483	24070	24658
132	T	21103	21818	22535	23252	23970	24690	25411	26132	26855	27579	28304	29030	29757
138	T	23557	24355	25154	25954	26756	27559	28363	29169	29976	30785	31594	32405	33218
144	T	26264	27151	28041	28931	29824	30718	31613	32510	33409				
144	MT	25972	26844	27717	28592	29468	30345	31223	32103	32984	33866	34749	35634	36520
144	LT	26254	27148	28043	28941	29840	30742	31646	32551	32827	33701	34575	35450	36327
144	S	25739	26585	27431	28277	29123	29969	30815	31661	32507	33353	34199	35045	35891
156	T	30984	32015	33047	34080	35115	36151	37188	38227	39267	40309	41351	42396	43441
156	S	30463	31456	32449	33442	34435	35428	36421	37414	38407	39400	40392	41385	42378
168	T													
168	LT	34525	35668	36812	37958	39106	40254	41404	42555	43708	44862	46018	47174	48333
168	S	35314	36466	37617	38769	39920	41072	42223	43375	44526	45678	46829	47981	49132

T = Standard Taper Mold, MT = Medium Taper Mold, LT = Long Taper Mold, S = Straight Mold

ONE SECTION

TWO SECTION

Two Section tanks ship as ONE piece with factory center joint.
 Capacities shown are approximate U.S. Gallons full (no freeboard).
 Tapered Molds (T, MT & LT) are the Most Cost Effective.



Search by **STRAIGHT SIDE**
Every 12" of Straight Side
Tank Diameter x Straight Side

HORIZONTAL TANKS (DISHED ENDS)

Straight Side Length

Dia.	Mold	492	504	516	528	540	552	564	576	588	600	612	624
18	T												
24	T												
30	T												
30	S												
36	T												
36	S	2195											
42	T												
42	S												
48	T												
48	S	3923	4017	4111									
54	S												
60	T												
60	S												
66	T	7479											
72	T												
72	S												
84	T												
90	T	13982											
96	T												
96	S	16001	16377	16753									
108	T												
120	T												
120	LT	25497	26112	26728									
120	S	25245	25833	26420	27008	27595	28183	28770	29358	29945	30533	31120	
132	T	30485	31214	31945	32676	33409	34142	34877	35613	36350	37088		
138	T												
144	T												
144	MT	37407	38295	39185	40075	40968	41861	42756	43651	44548	45447	46346	47247
144	LT	37204	38083	38962	39842	40724	41606	42490	43374	44259	45146	46033	46922
144	S	36737	37583	38429	39276	40122	40968	41814	42660	43506	44352	45198	
156	T	44488	45536	46585	47636	48688	49742	50797	51853	52911	53970	55030	
156	S	43371											
168	T												
168	LT	49492	50653	51816	52979	54144	55311	56479	57648	58819	59991	61164	62339
168	S	50284	51436	52587	53739								

T = Standard Taper Mold, MT = Medium Taper Mold, LT = Long Taper Mold, S = Straight Mold

ONE SECTION

TWO SECTION

Two Section tanks ship as ONE piece with factory center joint.

Capacities shown are approximate U.S. Gallons full (no freeboard).

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Horizontal Tanks (Dished Ends)

Straight Side Length (Inches) Per Capacity

CAPACITIES (U.S. Gallons) - NO Freeboard

Dia.	Mold	50	100	200	300	400	500	750	1000	1250	1500	2000	3000	4000	5000	6000
18	T	41	85	172												
24	T		46	96												
30	T		27	59	90	123										
30	S		27	60	92	125	158	239	321							
36	T			42	65	87	113									
36	S			40	62	85	108	164	221	278						
42	T			25	41	58	74	115								
42	S			25	42	59	75	117	159	200	242					
48	T				32	45	58	90	124							
48	S				30	43	56	87	119	151	183	247	375			
54	S					30	40	65	90	115	141	191	292			
60	T						30	51	71	91	111	154				
60	S						30	50	71	91	111	152	234	316		
66	T							41	58	76	93	127	193	266		
72	T							31	45	60	74	103	159	214	275	
72	S							29	44	58	72	100	157	214	271	
84	T								27	37	48	69	110	154		
90	T									30	39	58	95	132	168	204
96	T										31	47	79	111	142	173
96	S										30	46	78	109	141	173
108	T											32	59	85	111	136
120	T												39	60	80	100
120	LT												39	60	80	100
120	S												38	59	79	99
132	T												26	44	61	78
138	T													36	51	67
144	T													28	42	56
144	MT													28	43	57
144	LT													28	43	57
144	S													28	42	57
156	T														29	41
156	S														29	41
168	T															32
168	LT															32
168	S															31

T = Standard Taper Mold, MT = Medium Taper Mold, LT = Long Taper Mold, S = Straight Mold

RED text designates a two section tank (factory center joint).

Straight Side Lengths are to the Nearest Capacities in U.S. Gallons.

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Horizontal Tanks (Dished Ends)

Straight Side Length (Inches) Per Capacity

CAPACITIES (U.S. Gallons) - NO Freeboard

Dia.	Mold	7000	8000	9000	10000	12000	14000	16000	18000	20000	25000	30000	35000	40000	45000	50000
18	T															
24	T															
30	T															
30	S															
36	T															
36	S															
42	T															
42	S															
48	T															
48	S															
54	S															
60	T															
60	S															
66	T															
72	T															
72	S															
84	T															
90	T	239	280													
96	T	203	240													
96	S	205	237	269												
108	T	162	187	212	242											
120	T	121	141	160	180	224	264	304	343	383						
120	LT	121	141	161	181	221	260	305	345	384	483					
120	S	120	140	161	181	222	263	304	345	385	487	590				
132	T	96	113	130	147	180	214	247	279	318	402	485				
138	T	82	98	113	128	159	189	219	252	283	358	433				
144	T	70	84	98	112	139	166	193	220	251	320	387				
144	MT	71	85	99	113	141	168	196	223	250	317	392	460	528	595	
144	LT	71	85	99	113	141	169	197	224	252	320	387	462	531	599	666
144	S	71	85	99	113	142	170	198	227	255	326	397	468	539		
156	T	53	65	76	88	112	136	159	182	205	263	325	383	441	499	556
156	S	53	65	77	89	113	138	162	186	210	270	331	391	452		
168	T	43	54	65	76	97	118	140	161	183	237	290				
168	LT	43	54	65	75	97	118	139	160	181	233	285	342	394	446	498
168	S	41	52	62	73	94	114	135	156	177	229	281	333	385	437	490

T = Standard Taper Mold, MT = Medium Taper Mold, LT = Long Taper Mold, S = Straight Mold

RED text designates a two section tank (factory center joint).

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