

# TANK SURFACE AREA (FT<sup>2</sup>) - CIRCULAR SHAPED TANK

## QUICK ESTIMATE CHART

TANK SURFACE AREA (FT<sup>2</sup>) - CIRCULAR SHAPED TANK - QUICK ESTIMATE

Diameter	WALL TANK HEIGHT																			ENDS
	0.5	1	2	3	4	5	6	7	8	9	10	12	14	16	18	20	30	40	50	
2	3.1	6.3	12.6	18.8	25.1	31.4	37.7	44.0	50.3	56.5	62.8	75.4	88	101	113	126	188	251	314	6.3
2.5	3.9	7.9	15.7	23.6	31.4	39.3	47.1	55.0	62.8	70.7	78.5	94.2	110	126	141	157	236	314	393	9.8
3	4.7	9.4	18.8	28.3	37.7	47.1	56.5	66.0	75.4	84.8	94.2	113	132	151	170	188	283	377	471	14.1
3.5	5.5	11.0	22.0	33.0	44.0	55.0	66.0	77.0	88.0	99.0	110	132	154	176	198	220	330	440	550	19.2
4	6.3	12.6	25.1	37.7	50.3	62.8	75.4	88.0	101	113	126	151	176	201	226	251	377	503	628	25.1
4.5	7.1	14.1	28.3	42.4	56.5	70.7	84.8	99.0	113	127	141	170	198	226	254	283	424	565	707	31.8
5	7.9	15.7	31.4	47.1	62.8	78.5	94.2	110	126	141	157	188	220	251	283	314	471	628	785	39.3
5.5	8.6	17.3	34.6	51.8	69.1	86.4	104	121	138	156	173	207	242	276	311	346	518	691	864	47.5
6	9.4	18.8	37.7	56.5	75.4	94.2	113	132	151	170	188	226	264	302	339	377	565	754	942	56.5
6.5	10.2	20.4	40.8	61.3	81.7	102	123	143	163	184	204	245	286	327	368	408	613	817	1021	66.4
7	11.0	22.0	44.0	66.0	88.0	110	132	154	176	198	220	264	308	352	396	440	660	880	1100	77.0
7.5	11.8	23.6	47.1	70.7	94.2	118	141	165	188	212	236	283	330	377	424	471	707	942	1178	88.4
8	12.6	25.1	50.3	75.4	101	126	151	176	201	226	251	302	352	402	452	503	754	1005	1257	100.5
8.5	13.4	26.7	53.4	80.1	107	134	160	187	214	240	267	320	374	427	481	534	801	1068	1335	113.5
9	14.1	28.3	56.5	84.8	113	141	170	198	226	254	283	339	396	452	509	565	848	1131	1414	127.2
9.5	14.9	29.8	59.7	89.5	119	149	179	209	239	269	298	358	418	478	537	597	895	1194	1492	141.8
10	15.7	31.4	62.8	94.2	126	157	188	220	251	283	314	377	440	503	565	628	942	1257	1571	157.1
11	17.3	34.6	69.1	104	138	173	207	242	276	311	346	415	484	553	622	691	1037	1382	1728	190.1
12	18.8	37.7	75.4	113	151	188	226	264	302	339	377	452	528	603	679	754	1131	1508	1885	226.2
13	20.4	40.8	81.7	123	163	204	245	286	327	368	408	490	572	653	735	817	1225	1634	2042	265.5
14	22.0	44.0	88.0	132	176	220	264	308	352	396	440	528	616	704	792	880	1319	1759	2199	307.9
15	23.6	47.1	94.2	141	188	236	283	330	377	424	471	565	660	754	848	942	1414	1885	2356	353.4
20	31.4	62.8	126	188	251	314	377	440	503	565	628	754	880	1005	1131	1257	1885	2513	3142	628.3
25	39.3	78.5	157	236	314	393	471	550	628	707	785	942	1100	1257	1414	1571	2356	3142	3927	981.8
30	47.1	94.2	188	283	377	471	565	660	754	848	942	1131	1319	1508	1696	1885	2827	3770	4712	1413.7
40	62.8	126	251	377	503	628	754	880	1005	1131	1257	1508	1759	2011	2262	2513	3770	5027	6283	2513.3
50	78.5	157	314	471	628	785	942	1100	1257	1414	1571	1885	2199	2513	2827	3142	4712	6283	7854	3927.0

\*Tank diameter and height are expressed in feet