AQUASTORE® TANK CAPACITY CHART
WATER TANKS WITH CONCRETE FLOORS (US Gallons x 1000)

Model Diameter	Sheets	Exact Diameter (feet)	Capacity Per Foot (gallons)	Maximum Water Depth AWWA Z = 0,1 Design (feet)	AWWA Z = 2A Design (feet)	AWWA Z = 2B Design (feet)	AWWA Z = 3 Design (feet)	AWWA Z = 4 Design (feet)	AISC Z = 0,1 Design (feet)	Model Sidewall Height / Actual Sidewall Height (feet) 6 / 5.51	10 / 10.09	15 / 14.68	19 / 19.26	24 / 23.84	28 / 28.43	33 / 33.01	38 / 37.59	42 / 42.18	47 / 46.76	51 / 51.34	56 / 55.92	61 / 60.51	65 / 65.09	70 / 69.67	74 / 74.26	79 / 78.84	83 / 83.42	88 / 88.01	93 / 92.59	97 / 97.17	102 / 101.75	106 / 106.34	111 / 110.92	116 / 115.50	120 / 120.09	125 / 124.67	129 / 129.25	134 / 133.84	138 / 138.42
11	4	11.19	735	65.1	46.4	40.2	32.8	28.4	65.1	4	7	10	14	17	20	24	27	30	34	37	41	44	47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
14	5	13.98	1,149	138.4	113.2	97.8	80.1	69.3	138.4	6	11	16	22	27	32	37	43	48	53	58	64	69	74	80	85	90	95	101	106	111	116	122	127	132	137	143	148	153	159
17	6	16.78	1,655	138.4	105.0	91.2	73.9	63.7	138.4	9	16	24	31	39	47	54	62	69	77	84	92	100	107	115	122	130	138	145	153	160	168	175	183	191	198	206	213	221	229
20	7	19.58	2,252	138.4	98.4	84.7	69.3	60.5	138.4	12	22	33	43	53	64	74	84	94	105	115	125	136	146	156	167	177	187	198	208	218	229	239	249	260	270	280	291	301	311
22	8	22.37	2,942	138.4	92.2	80.1	65.7	57.5	138.4	16	29	43	56	70	83	97	110	124	137	151	164	178	191	204	218	231	245	258	272	285	299	312	326	339	353	366	380	393	407
25	9	25.17	3,724	123.2	88.7	76.5	62.7	54.9	138.4	20	37	54	71	88	105	122	139	157	174	191	208	225	242	259	276	293	310	327	344	361	378	395	413	430	447	464	481	498	515
28	10	27.97	4,597	110.9	84.7	72.9	60.5	52.9	131.0	25	46	67	88	109	130	151	172	193	214	236	257	278	299	320	341	362	383	404	425	446	467	488	509	530	552	573	594	602	
31	11	30.77	5,563	100.8	81.1	70.9	58.5	50.3	119.0	30	56	81	107	132	158	183	209	234	260	285	311	336	362	387	413	438	464	489	515	540	566	591	617	642	662				
34	12	33.56	6,620	92.4	78.5	68.3	56.5	49.3	109.1	36	66	97	127	157	188	218	248	279	309	339	370	400	430	461	491	521	552	582	612	643	673	703	722						
36	13	36.36	7,770	85.3	75.5	66.3	54.9	48.3	100.7	42	78	114	149	185	220	256	292	327	363	398	434	470	505	541	576	612	648	683	719	755	782								
39	14	39.16	9,011	79.2	73.9	64.7	53.9	47.3	93.5	49	90	132	173	214	256	297	338	380	421	462	503	545	586	627	669	710	751	793	834	842									
42	15	41.96	10,345	73.9	71.9	62.7	52.9	46.8	87.3	57	104	151	199	246	294	341	388	436	483	531	578	625	673	720	768	815	863	903											
45	16	44.75	11,770	69.3	69.3	61.7	51.9	45.8	81.9	64	118	172	226	280	334	388	442	496	550	604	658	712	766	820	873	927	963												
48	17	47.55	13,287	65.2	65.2	60.5	51.3	44.8	77.0	73	134	195	255	316	377	438	499	560	621	682	743	803	864	925	986	1,023													
50	18	50.35	14,896	61.6	61.6	59.5	50.3	44.8	72.8	82	150	218	286	355	423	491	559	628	696	764	833	901	969	1,037	1,083														
53	19	53.15	16,598	58.3	58.4	58.4	49.3	43.8	68.9	91	167	243	319	395	471	547	623	700	776	852	928	1,004	1,080	1,143															
56	20	55.95	18,391	55.4	55.4	55.4	49.3	43.8	65.5	101	185	269	354	438	522	607	691	775	859	944	1,028	1,112	1,197																
59	21	58.74	20,276	52.8	52.8	52.8	48.3	42.8	62.4	111	204	297	390	483	576	669	762	855	948	1,040	1,133	1,226	1,264																
62	22	61.54	22,253	50.4	50.4	50.4	48.3	42.8	59.5	122	224	326	428	530	632	734	836	938	1,040	1,142	1,244	1,324																	
64	23	64.34	24,322	48.2	48.2	48.2	48.2	42.2	56.9	134	245	356	468	579	691	802	914	1,025	1,137	1,248	1,360	1,384																	
67	24	67.13	26,483	46.2	46.2	46.2	46.2	42.2	54.6	145	267	388	510	631	752	874	995	1,116	1,238	1,359	1,445																		
70	25	69.93	28,736	44.3	44.4	44.4	44.4	41.2	52.4	158	290	421	553	685	816	948	1,080	1,211	1,343	1,475	1,505																		
73	26	72.73	31,081	42.6	42.6	42.6	42.6	41.2	50.4	171	313	456	598	741	883	1,025	1,168	1,310	1,453	1,565																			
76	27	75.53	33,518	41.1	41.1	41.1	41.1	41.1	48.5	184	338	491	645	799	952	1,106	1,260	1,413	1,567	1,625																			
78	28	78.32	36,046	39.6	39.6	39.6	39.6	39.6	46.8	198	363	529	694	859	1,024	1,189	1,355	1,520	1,685																				
81	29	81.12	38,667	38.2	38.2	38.2	38.2	38.2	45.2	213	390	567	744	921	1,099	1,276	1,453	1,630	1,746																				
84	30	83.92	41,380	37.0	37.0	37.0	37.0	37.0	43.6	228	417	607	796	986	1,176	1,365	1,555	1,745	1,806																				
87	31	86.72	44,184	35.8	35.8	35.8	35.8	35.8	42.2	243	445	648	850	1,053	1,255	1,458	1,660	1,863																					
90	32	89.51	47,081	34.6	34.6	34.6	34.6	34.6	40.9	259	475	691	906	1,122	1,338	1,554	1,769	1,926																					
92	33	92.31	50,070	33.6	33.6	33.6	33.6	33.6	39.7	275	505	734	964	1,193	1,423	1,652	1,882	1,986																					
95	34	95.11	53,150	32.6	32.6	32.6	32.6	32.6	38.5	292	536	780	1,023	1,267	1,510	1,754	1,998	2,046																					
98	35	97.91	56,323	31.7	31.7	31.7	31.7	31.7	37.4	310	568	826	1,084	1,342	1,601	1,859	2,107																						
101	36	100.70	59,587	30.8	30.8	30.8	30.8	30.8	36.4	328	601	874	1,147	1,420	1,693	1,966	2,167																						
104	37	103.50	62,944	30.0	30.0	30.0	30.0	30.0	35.4	346	635	923	1,212	1,500	1,789	2,077	2,227																						
106	38	106.30	66,392	29.2	29.2	29.2	29.2	29.2	34.5	365	670	974	1,278	1,582	1,887	2,191	2,287																						
109	39	109.10	69,932	28.4	28.4	28.4	28.4	28.4	33.6	385	705	1,026	1,346	1,667	1,987	2,308	2,347																						
112	40	111.90	73,565	27.7	27.7	27.7	27.7	27.7	32.7	405	742	1,079	1,416	1,754	2,091	2,408																							
115	41	114.69	77,289	27.0	27.0	27.0	27.0	27.0	31.9	425	780	1,134	1,488	1,842	2,197	2,468																							
117	42	117.49	81,105	26.4	26.4	26.4	26.4	26.4	31.2	446	818	1,190	1,562	1,933	2,305	2,528																							
120	43	120.29	85,013	25.8	25.8	25.8	25.8	25.8	30.5	468	858	1,247	1,637	2,026	2,416	2,588																							
123	44	123.09	89,013	25.2	25.2	25.2	25.2	25.2	29.8	490	898	1,306	1,714	2,122	2,530	2,648																							
126	45	125.89	93,105	24.6	24.6	24.6	24.6	24.6	29.1	513	939	1,366	1,793	2,219	2,646	2,709																							
129	46	128.68	97,289	24.1	24.1	24.1	24.1	24.1	28.5	536	982	1,427	1,873	2,319	2,765																							
131	47	131.48	101,565	23.6	23.6	23.6	23.6	23.6	27.9	559	1,025	1,490	1,956	2,421	2,829																							
134	48	134.27	105,933	23.1	23.1	23.1	23.1	23.1	27.3	583	1,069	1,554	2,040	2,525	2,889																							
137	49	137.07	110,393	22.6	22.6	22.6	22.6	22.6	26.7	608	1,114	1,620	2,126	2,632	2,950																							
140	50	139.87	114,945	22.2	22.2	22.2	22.2	22.2	26.2	633	1,160	1,687	2,213	2,740	3,010																							
143	51	142.67	119,589	21.7	21.7	21.7	21.7	21.7	25.7	659	1,207	1,755	2,303	2,851	3,070																							
145	52	145.46	124,324	21.3	21.3	21.3	21.3	21.3	25.2	685	1,254	1,824	2,394	2,964	3,130																							
148	53	148.26	129,152	20.9	20.9	20.9	20.9	20.9	24.7	711	1,303	1,895	2,487	3,079	3,190																							
151	54	151.06	134,072	20.5	20.5	20.5	20.5	20.5	24.2	738	1,353	1,967	2,582	3,196	3,251																							
154	55	153.86	139,083	20.2	20.2	20.2	20.2	20.2	23.8	766	1,403	2,041	2,678	3,311																							
157	56	156.66	144,187	19.8	19.8	19.8	19.8	19.8	23.4	794	1,455	2,116	2,777	3,371																							
159	57	159.46	149,382	19.4	19.4	19.4	19.4	19.4	23.0	823	1,507	2,192	2,877	3,431																							
162	58	162.26	154,670	19.1	19.1	19.1	19.1	19.1	22.6	852	1,561	2,270	2,978	3,491																							
171	61	170.65	171,082	18.2	18.2	18.2	18.2	18.2	21.5	942	1,726	2,510	3,295	3,672																							
179	64	179.04	188,318	17.3	17.3	17.3	17.3	17.3	20.5	1,037	1,900	2,763	3,627	3,852																							
187	67	187.43	206,381	16.5	16.5	16.5	16.5	16.5	19.5	1,137	2,083	3,029	3,974	4,033																							
193	69	193.03	218,898	16.1	16.1	16.1	16.1	16.1	19.0	1,206	2,209	3,212	4,153																							
201	72	201.42	238,340	15.4	15.4	15.4	15.4	15.4	18.2	1,313	2,405	3,498	4,334																							
210	75	209.81	258,609	14.8	14.8	14.8	14.8	14.8	17.5	1,425	2,610	3,795	4,514																							
218	78	218.20	279,712	14.2	14.2	14.2	14.2	14.2	16.8	1,541	2,823	4,105	4,695																							
227	81	226.59	301,642	13.7	13.7	13.7	13.7	13.7	16.2	1,662	3,044	4,427	4,876																							
235	84	234.99	324,399	13.2	13.2	13.2	13.2	13.2	15.6	1,787	3,274	4,761	5,056																							
243	87	243.38	347,984	12.7	12.7	12.7	12.7	12.7	15.1	1,917	3,512	5,107	5,237																							

Tank Design Code	Seismic Zone
AWWA D103-97	N/A
AWWA D103-97	1
AWWA D103-97	2A
AWWA D103-97	2B
AWWA D103-97	3
AWWA D103-97	4
AISC	N/A

Notes:
1. 100 mph wind speed
2. 25 psf live snow load
3. Seismic zone 0,1,2A, 2B, 3, 4
4. Importance Factor, I = 1.25
5. Site Amplification Factor, S = 1.5
6. Specific gravity 1.0 @ STP
7. Structure height limitations dependent upon local soil conditions and construction techniques
8. AWWA Designates AWWA D103-97
9. Assumes a maximum material thickness of .375 HSLA
10. Model Designation => Model Diameter & Model Sidewall Height
    Example: *Model Designation 4228 => 42' diameter & 28' height*
11. For steel floor option: Add .678' X Capacity Per Foot (gallons) to listed capacities
12. No freeboard allowance except in the yellow shaded areas where the freeboard is variable
13. Embedded starter design assumes short starter <=38' in height and mid starter >38' in height

Conversions:
Gallons => Cubic feet
Multiply 1000 gallons by 133.68

Gallons => Cubic Meters
Multiply 1000 gallons by 3.785

AQUASTORE® Tanks

ENGINEERED STORAGE PRODUCTS COMPANY

Part No. 058802-000
Rel. 2 ECN 03133
Sept. 2003

AQUASTORE® TANK CAPACITY CHART
WATER TANKS WITH CONCRETE FLOORS (Cubic Meters)

Model Diameter	Sheets	Exact Diameter (mm)	Capacity Per Foot CU-M	Maximum Water Depth: AWWA Z = 0,1 Design (mm)	AWWA Z = 2A Design (mm)	AWWA Z = 2B Design (mm)	AWWA Z = 3 Design (mm)	AWWA Z = 4 Design (mm)	AISC Z = 0,1 Design (mm)
11	4	3 411	20	19 842	14 143	12 253	9 997	8 656	19 842
14	5	4 261	32	42 184	34 488	29 816	24 405	21 129	42 184
17	6	5 115	46	42 184	31 998	27 810	22 528	19 428	42 184
20	7	5 968	63	42 184	29 992	25 801	21 129	18 440	42 184
22	8	6 818	82	42 184	28 115	24 405	20 038	17 526	42 184
25	9	7 672	104	37 552	27 021	23 314	19 123	16 740	42 184
28	10	8 525	128	33 793	25 801	22 223	18 440	16 130	39 917
31	11	9 379	155	30 718	24 710	21 613	17 831	15 344	36 285
34	12	10 229	184	28 164	23 924	20 824	17 221	15 039	33 268
36	13	11 083	216	25 995	23 009	20 214	16 740	14 734	30 706
39	14	11 936	251	24 136	22 528	19 733	16 435	14 429	28 511
42	15	12 789	288	22 526	21 918	19 123	16 130	14 252	26 608
45	16	13 640	328	21 121	21 120	18 818	15 825	13 948	24 949
48	17	14 493	370	19 878	19 876	18 440	15 648	13 643	23 480
50	18	15 347	415	18 772	18 773	18 136	15 344	13 643	22 174
53	19	16 200	462	17 783	17 785	17 785	15 039	13 338	21 006
56	20	17 054	512	16 893	16 895	16 895	15 039	13 338	19 955
59	21	17 904	565	16 091	16 090	16 090	14 734	13 033	19 007
62	22	18 757	620	15 359	15 359	15 359	14 734	13 033	18 142
64	23	19 611	677	14 690	14 691	14 691	14 691	12 853	17 353
67	24	20 461	738	14 080	14 082	14 082	14 082	12 853	16 632
70	25	21 315	800	13 516	13 518	13 518	13 518	12 549	15 966
73	26	22 168	866	12 996	12 997	12 997	12 997	12 549	15 351
76	27	23 022	933	12 514	12 515	12 515	12 515	12 515	14 782
78	28	23 872	1 004	12 068	12 067	12 067	12 067	12 067	14 255
81	29	24 725	1 077	11 652	11 653	11 653	11 653	11 653	13 763
84	30	25 579	1 152	11 263	11 262	11 262	11 262	11 262	13 304
87	31	26 432	1 231	10 899	10 900	10 900	10 900	10 900	12 875
90	32	27 283	1 311	10 560	10 558	10 558	10 558	10 558	12 473
92	33	28 136	1 394	10 239	10 238	10 238	10 238	10 238	12 095
95	34	28 990	1 480	9 938	9 940	9 940	9 940	9 940	11 739
98	35	29 843	1 569	9 654	9 656	9 656	9 656	9 656	11 403
101	36	30 693	1 659	9 386	9 388	9 386	9 388	9 388	11 087
104	37	31 547	1 753	9 132	9 132	9 132	9 132	9 132	10 787
106	38	32 400	1 849	8 892	8 892	8 892	8 892	8 892	10 503
109	39	33 254	1 948	8 663	8 663	8 663	8 663	8 663	10 234
112	40	34 107	2 049	8 447	8 447	8 447	8 447	8 447	9 978
115	41	34 958	2 152	8 241	8 241	8 241	8 241	8 241	9 735
117	42	35 811	2 259	8 045	8 045	8 045	8 045	8 045	9 503
120	43	36 664	2 368	7 858	7 858	7 858	7 858	7 858	9 282
123	44	37 518	2 479	7 679	7 679	7 679	7 679	7 679	9 070
126	45	38 371	2 593	7 508	7 508	7 508	7 508	7 508	8 869
129	46	39 222	2 709	7 345	7 345	7 345	7 345	7 345	8 676
131	47	40 075	2 829	7 189	7 189	7 189	7 189	7 189	8 492
134	48	40 925	2 950	7 039	7 039	7 039	7 039	7 039	8 315
137	49	41 779	3 074	6 896	6 896	6 896	6 896	6 896	8 145
140	50	42 632	3 201	6 758	6 758	6 758	6 758	6 758	7 982
143	51	43 486	3 331	6 625	6 625	6 625	6 625	6 625	7 826
145	52	44 336	3 462	6 498	6 498	6 498	6 498	6 498	7 676
148	53	45 190	3 597	6 375	6 375	6 375	6 375	6 375	7 531
151	54	46 043	3 734	6 257	6 257	6 257	6 257	6 257	7 391
154	55	46 897	3 873	6 143	6 143	6 143	6 143	6 143	7 256
157	56	47 750	4 016	6 033	6 033	6 033	6 033	6 033	7 127
159	57	48 603	4 160	5 927	5 927	5 927	5 927	5 927	7 002
162	58	49 457	4 308	5 825	5 825	5 825	5 825	5 825	6 881
171	61	52 014	4 765	5 539	5 539	5 539	5 539	5 539	6 543
179	64	54 571	5 245	5 279	5 279	5 279	5 279	5 279	6 236
187	67	57 129	5 748	5 043	5 043	5 043	5 043	5 043	5 957
193	69	58 836	6 096	4 897	4 897	4 897	4 897	4 897	5 784
201	72	61 393	6 638	4 693	4 693	4 693	4 693	4 693	5 543
210	75	63 950	7 202	4 505	4 505	4 505	4 505	4 505	5 321
218	78	66 508	7 790	4 332	4 332	4 332	4 332	4 332	5 117
227	81	69 066	8 401	4 171	4 171	4 171	4 171	4 171	4 927
235	84	71 624	9 034	4 022	4 022	4 022	4 022	4 022	4 751
243	87	74 182	9 691	3 884	3 884	3 884	3 884	3 884	4 587

Model Sidewall Height
Actual Sidewall Height (millimeters)

6 1 680	10 3 077	15 4 474	19 5 870	24 7 267	28 8 664	33 10 061	38 11 458	42 12 855	47 14 252	51 15 649	56 17 046	61 18 443	65 19 839	70 21 236	74 22 633	79 24 030	83 25 427	88 26 824	93 28 221	97 29 618	102 31 015	106 32 412	111 33 808	116 35 205	120 36 602	125 37 999	129 39 396	134 40 793	138 42 190
15	26	38	53	64	76	91	102	114	129	140	155	167	178	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
23	42	61	83	102	121	140	163	182	201	220	242	261	280	303	322	341	360	382	401	420	439	462	481	500	519	541	560	579	602
34	61	91	117	148	178	204	235	261	291	318	348	379	405	435	462	492	522	549	579	606	636	662	693	723	750	780	806	837	867
45	83	125	163	201	242	280	318	356	397	435	473	515	553	591	632	670	708	750	787	825	867	905	943	984	1 022	1 060	1 102	1 139	1 177
61	110	163	212	265	314	367	416	469	519	572	621	674	723	772	825	874	927	977	1 030	1 079	1 132	1 181	1 234	1 283	1 336	1 385	1 438	1 488	1 541
76	140	204	269	333	397	462	526	594	659	723	787	852	916	980	1 045	1 109	1 173	1 238	1 302	1 367	1 431	1 495	1 563	1 628	1 692	1 756	1 821	1 885	1 949
95	174	254	333	413	492	572	651	731	810	893	973	1 052	1 132	1 211	1 291	1 370	1 450	1 529	1 609	1 688	1 768	1 847	1 927	2 006	2 090	2 169	2 249	2 279	
114	212	307	405	500	598	693	791	886	984	1 079	1 177	1 272	1 370	1 465	1 563	1 658	1 756	1 851	1 949	2 044	2 143	2 237	2 336	2 430	2 506				
136	250	367	481	594	712	825	939	1 056	1 170	1 283	1 401	1 514	1 628	1 745	1 859	1 972	2 090	2 203	2 317	2 434	2 548	2 661	2 733						
159	295	432	564	700	833	969	1 105	1 238	1 374	1 507	1 643	1 779	1 912	2 048	2 180	2 317	2 453	2 585	2 722	2 858	2 960								
185	341	500	655	810	969	1 124	1 279	1 438	1 594	1 749	1 904	2 063	2 218	2 373	2 532	2 688	2 843	3 002	3 157	3 187									
216	394	572	753	931	1 113	1 291	1 469	1 650	1 828	2 010	2 188	2 366	2 548	2 725	2 907	3 085	3 267	3 418											
242	447	651	856	1 060	1 264	1 469	1 673	1 878	2 082	2 286	2 491	2 695	2 900	3 104	3 305	3 509	3 645												
276	507	738	965	1 196	1 427	1 658	1 889	2 120	2 351	2 582	2 813	3 040	3 271	3 501	3 732	3 872													
310	568	825	1 083	1 344	1 601	1 859	2 116	2 377	2 635	2 892	3 153	3 411	3 668	3 925	4 100														
344	632	920	1 208	1 495	1 783	2 071	2 358	2 650	2 937	3 225	3 513	3 801	4 088	4 327															
382	700	1 018	1 340	1 658	1 976	2 298	2 616	2 934	3 252	3 573	3 891	4 209	4 531																
420	772	1 124	1 476	1 828	2 180	2 532	2 884	3 237	3 589	3 937	4 289	4 641	4 785																
462	848	1 234	1 620	2 006	2 392	2 778	3 165	3 551	3 937	4 323	4 709	5 012																	
507	927	1 348	1 772	2 192	2 616	3 036	3 460	3 880	4 304	4 724	5 148	5 239																	
549	1 011	1 469	1 931	2 389	2 847	3 308	3 766	4 225	4 686	5 144	5 470																		
598	1 098	1 594	2 093	2 593	3 089	3 589	4 088	4 584	5 084	5 583	5 697																		
647	1 185	1 726	2 264	2 805	3 343	3 880	4 421	4 959	5 500	5 924																			
697	1 279	1 859	2 442	3 025	3 604	4 187	4 770	5 349	5 932	6 151																			
750	1 374	2 002	2 627	3 252	3 876	4 501	5 129	5 754	6 378																				
806	1 476	2 146	2 816	3 486	4 160	4 830	5 500	6 170	6 609																				
863	1 579	2 298	3 013	3 732	4 452	5 167	5 886	6 606	6 836																				
920	1 685	2 453	3 218	3 986	4 751	5 519	6 284	7 052																					
980	1 798	2 616	3 430	4 247	5 065	5 883	6 696	7 291																					
1 041	1 912	2 778	3 649	4 516	5 387	6 253	7 124	7 518																					
1 105	2 029	2 953	3 872	4 796	5 716	6 640	7 563	7 745																					
1 173	2 150	3 127	4 103	5 080	6 060	7 037	7 976																						
1 242	2 275	3 308	4 342	5 375	6 409	7 442	8 203																						
1 310	2 404	3 494	4 588	5 678	6 772	7 862	8 430																						
1 382	2 536	3 687	4 838	5 989	7 143	8 294	8 657																						
1 457	2 669	3 884	5 095	6 310	7 522	8 737	8 884																						
1 533	2 809	4 084	5 360	6 640	7 915	9 115																							
1 609	2 953	4 293	5 633	6 973	8 317	9 342																							
1 688	3 096	4 505	5 913	7 317	8 725	9 569																							
1 772	3 248	4 720	6 197	7 669	9 146	9 797																							
1 855	3 399	4 944	6 488	8 033	9 577	10 024																							
1 942	3 554	5 171	6 787	8 400	10 016	10 255																							
2 029	3 717	5 402	7 090	8 778	10 467																								
2 116	3 880	5 640	7 404	9 164	10 709																								
2 207	4 047	5 883	7 722	9 558	10 936																								
2 302	4 217	6 132	8 048	9 963	11 167																								
2 396	4 391	6 386	8 377	10 372	11 394																								
2 495	4 569	6 643	8 718	10 792	11 621																								
2 593	4 747	6 905	9 062	11 220	11 848																								
2 691	4 932	7 173	9 414	11 655	12 075																								
2 794	5 122	7 446	9 774	12 098	12 306																								
2 900	5 311	7 726	10 137	12 533																									
3 006	5 508	8 010	10 512	12 761																									
3 115	5 705	8 298	10 891	12 988																									
3 225	5 909	8 593	11 273	13 215																									
3 566	6 534	9 501	12 473	13 900																									
3 925	7 192	10 459	13 730	14 581																									
4 304	7 885	11 466	15 043	15 267																									
4 565	8 362	12 159	15 721																										
4 970	9 104	13 241	16 406																										
5 394	9 880	14 366	17 087																										
5 833	10 686	15 539	17 772																										
6 291	11 523	16 758	18 458																										
6 765	12 393	18 022	19 139																										
7 257	13 294	19 332	19 824																										

Notes:
1. 161 kph wind speed
2. 2.32 kg/m2 live snow load
3. Seismic zone 0,1,2A, 2B, 3, 4
4. Importance Factor, I = 1.25
5. Site Amplification Factor, S = 1.5
6. Specific gravity 1.0 @ STP
7. Structure height limitations dependent upon local soil conditions and construction techniques
8. AWWA Designates AWWA D103-97
9. Assumes a maximum material thickness of 9.5 mm HSLA
10. Model Designation => Model Diameter & Model Sidewall Height
    Example **:** *Model Designation 4228 => 12 789 mm & 8 664 mm or 42' diameter & 28' height*
11. For steel floor option: Add .207 m X Capacity Per Meter (cu-m) to capacities
12. No freeboard allowance except in the yellow shaded areas where the freeboard is variable
13. Embedded starter design assumes short starter <=11 458 mm in height and mid starter >11 458 mm in height

Conversions:
Cubic Meters => Gallons
Multiply cubic meters by 264.2

Tank Capacity Ranges
- Aquastore AWWA Seismic 0
- Aquastore AWWA Seismic 1
- Aquastore AWWA Seismic 2A
- Aquastore AWWA Seismic 2B
- Aquastore AWWA Seismic 3
- Aquastore AWWA Seismic 4
- Aquastore AISC Seismic 0

AQUASTORE® Tanks

ENGINEERED STORAGE PRODUCTS COMPANY

Part No. 058802-000
Rel. 2 ECN 03133
Sept. 2003