

AQUASTORE® (Glass-Fused-to-Steel) TANK CAPACITY CHART
WATER TANKS WITH CONCRETE FLOORS - SHORT-STARTER / MID-STARTER (Cubic Meters)



Model Diameter	# Sheets	Diameter (Meters)	Capacity Per Meter (Cu Meters)	Max Water Height (m)		Actual Sidewall Height (Meters) - Number of Rings - Courses																																																
				For tanks using max 0.953 cm thick sheets	For tanks using max 1.27 cm thick sheets	Actual Sidewall Height (Meters) - Number of Rings - Courses																Actual Sidewall Height (Meters) - Number of Rings - Courses																																
						6	10	15	19	24	28	33	38	42	47	51	56	61	65	70	74	79	83	88	93	97	102	106	111	116	120	125	129	134	138																			
113	41	34.30	500	6.24	11.00	1.68	3.08	4.47	5.87	7.27	8.66	10.06	11.46	12.86	14.25	15.65	17.05	18.44	19.84	21.24	22.63	24.03	25.43	26.82	28.22	29.62	31.01	32.41	33.81	35.21	36.60	38.00	39.40	40.79	41.92																			
117	42	35.81	1,007	8.05	10.73	1692	3102	4502	5912	7322	8460	9588	10726	11864	8.40	9.52	10.65	11.78	8866	10048	11241	8.40	9.52	10.65	9287	10525	11775	8.40	9.52	10.65	9713	11008	12314	8.40	9.52	10.65	10148	11501	12866	8.40	9.52	10.65	10257	11683	13096	8.13	9.26	10.38	10697	12183	13657	8.13	9.26	10.38
120	43	36.66	1,056	7.86	10.49	1773	3251	4718	6196	7674	8866	10048	11241	8.40	9.52	10.65	9287	10525	11775	8.40	9.52	10.65	9713	11008	12314	8.40	9.52	10.65	10148	11501	12866	8.40	9.52	10.65	10257	11683	13096	8.13	9.26	10.38	10697	12183	13657	8.13	9.26	10.38								
123	44	37.52	1,106	7.68	10.24	1857	3405	4942	6490	8038	9596	11146	12695	7.00	8.13	9.26	10398	12077	13755	7.00	8.13	9.26	10823	12570	14317	7.00	8.13	9.26	11227	13039	14852	7.00	8.13	9.26	11653	13534	15416	7.00	8.13	9.26	12093	14045	15997	7.00	8.13	9.26								
126	45	38.37	1,156	7.51	10.03	1943	3561	5169	6787	8406	12535	14558	7.00	8.13	12985	15081	7.00	8.13	12930	15101	6.73	7.86	11897	14298	16698	5.60	6.73	7.86	13097	15740	18383	5.60	6.73	7.86	14355	17251	20148	5.60	6.73	7.86														
129	46	39.22	1,208	7.35	9.78	2030	3721	5400	7091	8783	15227	18299	5.60	6.73	16575	19920	5.60	6.73	17986	21616	5.60	6.73	18517	22443	5.33	6.46	15736	19970	24204	4.20	5.33	6.46	16920	21472	26024	4.20	5.33	6.46																
131	47	40.08	1,262	7.19	9.60	2120	3886	5639	7406	9172	17986	21616	5.60	6.73	18517	22443	5.33	6.46	15736	19970	24204	4.20	5.33	6.46	16920	21472	26024	4.20	5.33	6.46	18151	23034	4.20	5.33																				
134	48	40.93	1,316	7.04	9.39	2210	4052	5881	7723	9565	18151	23034	4.20	5.33																																								
137	49	41.78	1,371	6.90	9.21	2303	4222	6128	8047	18151	23034	4.20	5.33																																									
140	50	42.63	1,427	6.76	9.02	2398	4396	6380	8378	18151	23034	4.20	5.33																																									
143	51	43.49	1,485	6.63	8.84	2496	4575	6640	8720	18151	23034	4.20	5.33																																									
145	52	44.37	1,546	6.50	8.66	2598	4762	6911	9076	18151	23034	4.20	5.33																																									
148	53	45.19	1,604	6.38	8.50	2694	4940	7169	9415	18151	23034	4.20	5.33																																									
151	54	46.04	1,665	6.26	8.35	2797	5127	7441	9772	18151	23034	4.20	5.33																																									
154	55	46.90	1,728	6.14	8.20	2902	5321	7722	10141	18151	23034	4.20	5.33																																									
157	56	47.75	1,791	6.03	8.05	3008	5515	8004	10511	18151	23034	4.20	5.33																																									
159	57	48.60	1,855	5.93	7.89	3116	5713	8292	10889	18151	23034	4.20	5.33																																									
162	58	49.46	1,921	5.83	7.77	3228	5917	8588	11278	18151	23034	4.20	5.33																																									
171	61	52.01	2,124	5.54	7.38	3569	6543	9496	11897	14298	16698	5.60	6.73	7.86	13097	15740	18383	5.60	6.73	7.86	14355	17251	20148	5.60	6.73	7.86																												
179	64	54.57	2,339	5.28	7.04	3929	7203	10454	13097	15740	18383	5.60	6.73	7.86	15227	18299	5.60	6.73	16575	19920	5.60	6.73	17986	21616	5.60	6.73	18517	22443	5.33	6.46																								
187	67	57.13	2,563	5.04	6.74	4306	7895	11458	14355	17251	20148	5.60	6.73	7.86	16575	19920	5.60	6.73	17986	21616	5.60	6.73	18517	22443	5.33	6.46																												
193	69	58.84	2,719	4.90	6.52	4568	8375	12154	15227	18299	5.60	6.73	16575	19920	5.60	6.73	17986	21616	5.60	6.73	18517	22443	5.33	6.46																														
201	72	61.39	2,960	4.69	6.25	4973	9116	13231	16575	19920	5.60	6.73	17986	21616	5.60	6.73	18517	22443	5.33	6.46																																		
210	75	63.95	3,212	4.51	6.01	5396	9893	14357	17986	21616	5.60	6.73	18517	22443	5.33	6.46																																						
218	78	66.51	3,474	4.33	5.76	5837	10700	15530	18517	22443	5.33	6.46																																										
227	81	69.07	3,747	4.17	5.55	6295	11540	16920	21472	26024	4.20	5.33	6.46																																									
235	84	71.62	4,029	4.02	5.36	6768	12408	18151	23034	4.20	5.33																																											
243	87	74.18	4,322	3.88	5.18	7260	13311	18151	23034	4.20	5.33																																											



SPLIT CELL KEY:
 1836 Top number is tank volume in cubic meters with no freeboard allowance
 56.09 Bottom number is actual sidewall height with 1.12 meter high shell sheets

GREY CELL KEY:
 1836 Heights and volumes shown in grey cells exceed that allowed in columns 5 & 6
 56.09 Freeboard allowances must be added

- NOTES:**
- 161 kph wind speed
 - 122.06 kg/m² live snow load
 - Seismic zone 0
 - Specific gravity 1.0 @ STP
 - Structure height limitations dependent upon local soil conditions and construction techniques
 - AWWA Designates AWWA D103-09
 - Model Designation => Model Diameter X Model Sidewall Height
 Example: Model Designation 4228 => 42 ft diameter (12.79 m) X 28 ft height (8.66 m)
 - For steel floor option: Add 0.207 m X Capacity Per Meter (cu meters) to listed capacities

AQUASTORE®
AWWA Seismic 0 Metric