

HEIGHT

Model Height Reference
Actual Wall Height (mm) - From Top of Top Angle to Bottom of Bottom Angle
of Rings in tank

Engineered Storage Products Company
Aqastore® and TecStore™ Tank Capacity Chart
Capacities in Cubic Meters

Model Diameter	Sheets per Ring	Actual Diameter (mm)	liters/mm Wall Height	Capacity (Cubic Meters)				
				5	9	14	19	23
				1 473	2 870	4 266	5 663	7 060
202	72	61 428	2 964	4 365	8 505	12 644	16 784	20 923
204	73	62 282	3 047	4 487	8 743	12 998	17 253	21 509
207	74	63 135	3 131	4 611	8 984	13 357	17 729	22 102
210	75	63 988	3 216	4 737	9 228	13 720	18 212	22 703
213	76	64 841	3 302	4 864	9 476	14 088	18 700	23 313
216	77	65 694	3 390	4 993	9 727	14 461	19 196	23 930
218	78	66 548	3 478	5 123	9 981	14 839	19 698	24 556
221	79	67 401	3 568	5 255	10 239	15 222	20 206	25 189
224	80	68 254	3 659	5 389	10 500	15 610	20 721	25 831
227	81	69 107	3 751	5 525	10 764	16 003	21 242	26 481
230	82	69 960	3 844	5 662	11 031	16 401	21 770	27 139
232	83	70 813	3 938	5 801	11 302	16 803	22 304	27 805
235	84	71 667	4 034	5 942	11 576	17 210	22 845	
238	85	72 520	4 130	6 084	11 853	17 623	23 392	
241	86	73 373	4 228	6 228	12 134	18 040	23 945	
244	87	74 226	4 327	6 374	12 418	18 462	24 505	
246	88	75 079	4 427	6 521	12 705	18 888	25 072	
249	89	75 932	4 528	6 670	12 995	19 320	25 645	
252	90	76 786	4 631	6 821	13 289	19 757	26 225	
255	91	77 639	4 734	6 973	13 586	20 198	26 811	
258	92	78 492	4 839	7 127	13 886	20 645	27 403	
260	93	79 345	4 945	7 283	14 189	21 096	28 002	
263	94	80 198	5 051	7 441	14 496	21 552	28 608	
266	95	81 051	5 160	7 600	14 806	22 013	29 219	
269	96	81 905	5 269	7 761	15 120	22 479	29 838	
272	97	82 758	5 379	7 923	15 436	22 949	30 463	
274	98	83 611	5 491	8 087	15 756	23 425	31 094	
277	99	84 464	5 603	8 253	16 079	23 906	31 732	
280	100	85 317	5 717	8 421	16 406	24 391	32 376	
283	101	86 170	5 832	8 590	16 736	24 881		
286	102	87 024	5 948	8 761	17 069	25 376		
288	103	87 877	6 065	8 934	17 405	25 876		
291	104	88 730	6 183	9 108	17 745	26 381		
294	105	89 583	6 303	9 284	18 087	26 891		
297	106	90 436	6 424	9 462	18 434	27 406		
300	107	91 290	6 545	9 641	18 783	27 925		
302	108	92 143	6 668	9 822	19 136	28 450		
305	109	92 996	6 792	10 005	19 492	28 979		
308	110	93 849	6 918	10 189	19 851	29 513		
311	111	94 702	7 044	10 375	20 214	30 052		
314	112	95 555	7 171	10 563	20 580	30 596		
316	113	96 409	7 300	10 752	20 949	31 145		
319	114	97 262	7 430	10 944	21 321	31 699		
322	115	98 115	7 561	11 136	21 697	32 257		
325	116	98 968	7 693	11 331	22 076	32 821		
327	117	99 821	7 826	11 527	22 458	33 389		
330	118	100 674	7 960	11 725	22 844	33 962		
333	119	101 528	8 096	11 925	23 232	34 540		
336	120	102 381	8 232	12 126	23 624	35 123		
339	121	103 234	8 370	12 329	24 020	35 711		
341	122	104 087	8 509	12 533	24 419	36 304		
344	123	104 940	8 649	12 740	24 820	36 901		
347	124	105 793	8 790	12 948	25 226	37 504		
350	125	106 647	8 933	13 157	25 634	38 111		
353	126	107 500	9 076	13 369	26 046	38 723		
355	127	108 353	9 221	13 582	26 461	39 340		
358	128	109 206	9 367	13 797	26 879	39 962		
361	129	110 059	9 514	14 013	27 301	40 589		
364	130	110 913	9 662	14 231	27 726	41 221		
367	131	111 766	9 811	14 451	28 154	41 857		
369	132	112 619	9 961	14 672	28 586	42 499		
372	133	113 472	10 113	14 895	29 020	43 145		
375	134	114 325	10 265	15 120	29 458	43 796		
378	135	115 178	10 419	15 347	29 900	44 453		
381	136	116 032	10 574	15 575	30 344	45 114		
383	137	116 885	10 730	15 805	30 792	45 779		

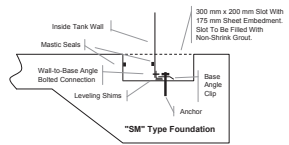
DIAMETER



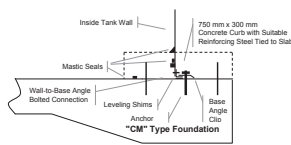
Notes to Capacity Charts:

- > Model Number => Diameter/Height. Example: Model "39/36" is 11.937m diameter and 11.231m high. If adding extension sheets, add corresponding letter to model number (i.e. "37/36A")
- > Height is from bottom of bottom angle to top of top angle - and assumes a 2"x2"x1/4" (50x50x6mm) bottom angle and a 3"x3"x1/4" (75x75x6mm) top angle.
- > No allowance is made for internal concrete floor or freeboard. Diameters are "construction expanded" diameters.
- > Intermediate capacities are available by using "extension" sheets and starter rings. See chart below for details. Add appropriate letter to model number as noted above.
- > Capacities are in cubic meters. Volume (in liters) per mm of height is shown for each diameter to facilitate the calculation for net capacity.
- > Charts are for general information only. Site specific design, wind, seismic, foundation and roof conditions, design codes and coatings will limit applicable sizes.
- > Wall height adjustment guidelines:
 - For standard SS and MS starter ring foundations, add 227 mm to wall height
 - For standard SF foundation, add 433 mm to wall height
 - For standard SM foundation, deduct 175 mm from wall height
 - For Extension Ring "A" size, add 215 mm to wall height
 - For Extension Ring "B" size, add 430 mm to wall height
 - For Extension Ring "C" size, add 591 mm to wall height

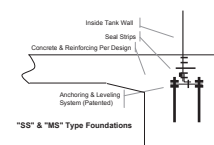
Typical Foundation Layout Details



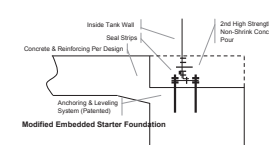
Slot Mount (SF)



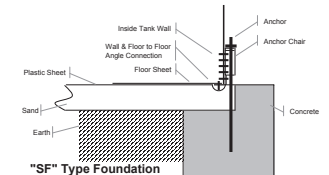
Curb Mount (CM)



Embedded Short/Mid Starter (SS/MS)



Modified Embedded Starter (MES)



Steel Floor (SF)