

ASSMANN CORPORATION OF AMERICA
VERTICAL STORAGE TANKS
TECHNICAL DATA SHEET

NOTE: TANK WEIGHTS AND GALLONAGE IS A CALCULATED FIGURE. DIMENSIONAL TOLERANCES ARE PLUS OR MINUS 3% PER ASTM SPECIFICATIONS. SOME TANKS REQUIRE LIQUID TO BE IN THE DOME PORTION OF THE VESSEL TO MEET TOTAL CAPACITY.

Wall thickness is based on minimum per ASTM D 1998-96



Model	Tank Dimensions		Minimum Wall Thick. 2.2	Minimum Wall Thick. 1.9	Minimum Wall Thick 1.5	Minimum Wall Thick 1.35	Gallons per Inch	Straight side Capacity	Tip-up Height
	Diameter	Height							
ICT 40	20"	38"	0.18	0.18	0.18	0.18	1.31	43	N/A
ICT 60	23"	43"	0.18	0.18	0.18	0.18	1.75	65	N/A
ICT 65	23"	43"	0.18	0.18	0.18	0.18	1.75	65	N/A
ICT 80	24"	49"	0.18	0.18	0.18	0.18	1.9	84	N/A
ICT 140	29"	58"	0.18	0.18	0.18	0.18	2.79	148	N/A
ICT 175	35"	51"	0.18	0.18	0.18	0.18	4.07	179	N/A
ICT 200-35	35"	57"	0.18	0.18	0.18	0.18	4.07	203	N/A
ICT 200-36	36"	53"	0.18	0.18	0.18	0.18	4.32	200	N/A
ICT 250	35"	69"	0.18	0.18	0.18	0.18	4.07	252	N/A
ICT 400	48"	63"	0.18	0.18	0.18	0.18	7.77	411	N/A
ICT 300	35"	82"	0.18	0.18	0.18	0.18	4.07	305	90"
ACT 550	69"	40"	0.18	0.18	0.18	0.18	16.01	432	80"
ICT 550	48"	82"	0.2	0.18	0.18	0.18	7.71	555	96"
IFT 550	48"	79"	0.2	0.18	0.18	0.18	7.71	555	96"
ICT 700	69"	58"	0.18	0.18	0.18	0.18	16.01	689	100"
ICT 850	48"	120"	0.32	0.28	0.22	0.2	7.67	836	130"
IFT 950	64"	81"	0.27	0.24	0.19	0.18	13.74	1003	105"
ICT 1000	64"	84"	0.27	0.24	0.19	0.18	13.74	1003	105"
ICT 1100	86"	59"	0.18	0.18	0.18	0.18	24.92	932	113"
ICT 1200	64"	100"	0.34	0.29	0.23	0.21	13.69	1208	116"
ACT 1500	86"	73"	0.26	0.23	0.18	0.18	24.85	1317	111"
ICT 1500	64"	123"	0.43	0.37	0.29	0.26	13.64	1473	133"
ICT 1850	96"	78"	0.33	0.28	0.22	0.2	30.92	1793	118"
ICT 2000	86"	100"	0.4	0.41	0.33	0.25	24.72	1928	124"
ICT 2050	64"	164"	0.61	0.55	0.43	0.37	13.53	2042	175"
ICT 2400	96"	95"	0.43	0.48	0.38	0.26	30.83	2312	127"
ICT 2500	86"	114"	0.52	0.5	0.4	0.32	24.66	2417	142"
ICT 2900	96"	111"	0.53	0.57	0.45	0.33	30.74	2797	140"
ICT 3000	90"	122"	0.6	0.53	0.42	0.36	26.96	2885	151"
ICT 4000	90"	164"	0.82	0.75	0.59	0.5	26.76	3853	181"
ICT 4096	96"	140"	0.85	0.73	0.58	0.52	30.38	3676	164"
ICT4100	119"	108"	0.61	0.53	0.41	0.37	47.03	3950	158"
ICT 4200	96"	154"	0.8	0.81	0.64	0.49	30.5	4057	175"
ICT 5200	105"	160"	0.93	0.84	0.66	0.57	36.18	5065	196"
ICT 5500	119"	141"	0.88	0.76	0.6	0.54	46.98	5544	179"
ICT 5600	96"	196"	1.09	0.95	0.75	0.67	30.27	5388	205"
ICT 6500	105"	193"	1.15	1	0.79	0.71	36.23	6268	209"
ICT 6510	119"	163"	1.05	0.91	0.71	0.64	46.79	6551	195"
ICT 7300	119"	177"	1.17	1.06	0.83	0.71	46.29	7174	219"
ICT 8000	143"	142"	1.04	0.89	0.7	0.63	67.84	7869	195"
ICT 8410	119"	202"	1.36	1.33	1.05	0.84	46	8280	230"
ICT 10000	143"	173"	1.33	1.13	0.89	0.81	67.45	9915	217"
ICT 12000	143"	196"	1.55	1.36	1.07	0.95	67.17	11419	234"

**ASSMANN CORPORATION OF AMERICA
DOUBLE WALL STORAGE TANKS**

TECHNICAL DATA SHEET

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Model	Tank Dimensions		Minimum Wall Thick. 2.2	Minimum Wall Thick. 1.9	Minimum Wall Thick 1.5	Minimum Wall Thick 1.35	Gallons per Inch	Straight side Capacity	Tip-up Height
	Diameter	Height							
IMT 20 INNER	23"	22"	0.18	0.18	0.18	0.18	1.74	20	N/A
IMT 20 OUTER	26 1/4"	12"	0.18	0.18	0.18	0.18	2.25	27	N/A
IMT 40 INNER	23"	33"	0.18	0.18	0.18	0.18	1.74	40	N/A
IMT 40 OUTER	26 1/4"	24"	0.18	0.18	0.18	0.18	2.25	53	N/A
IMT 65 INNER	23"	47"	0.18	0.18	0.18	0.18	1.74	66	N/A
IMT 65 OUTER	26 1/4"	39"	0.18	0.18	0.18	0.18	2.25	85	N/A
IMT 85 INNER	30 1/2"	38"	0.18	0.18	0.18	0.18	3.06	85	N/A
IMT 85 OUTER	34 1/2"	29"	0.18	0.18	0.18	0.18	3.93	112	N/A
IMT 120 INNER	30 1/2"	46"	0.18	0.18	0.18	0.18	3.06	123	N/A
IMT 120 OUTER	34 1/2"	41"	0.18	0.18	0.18	0.18	3.93	161	N/A
IMT 150 INNER	43"	41"	0.18	0.18	0.18	0.18	6.21	155	N/A
IMT 150 OUTER	47"	31"	0.18	0.18	0.18	0.18	7.35	228	N/A
IMT 165 INNER	30 1/2"	61"	0.18	0.18	0.18	0.18	3.06	168	N/A
IMT 165 OUTER	34 1/2"	56"	0.18	0.18	0.18	0.18	3.93	220	N/A
IMT 250 INNER	43"	58"	0.18	0.18	0.18	0.18	6.21	261	N/A
IMT 250 OUTER	47"	48"	0.18	0.18	0.18	0.18	7.35	353	N/A
IMT 405 INNER	43 1/4"	76"	0.18	0.18	0.18	0.18	6.21	403	98"
IMT 405 OUTER	47"	65"	0.18	0.18	0.18	0.18	7.35	477	98"
IMT 550 INNER	54"	73"	0.18	0.18	0.18	0.18	9.78	567	92"
IMT 550 OUTER	60"	58"	0.2	0.18	0.18	0.18	12.09	701	92"
IMT 1050 INNER	66"	87"	0.29	0.25	0.19	0.18	14.59	1036	110"
IMT 1050 OUTER	72"	72"	0.31	0.27	0.21	0.19	17.42	1254	110"
IMT 1550 INNER	66"	123"	0.44	0.38	0.3	0.27	14.5	1552	139"
IMT 1550 OUTER	72"	108"	0.48	0.41	0.33	0.29	17.3	1868	139"
IMT 2050 INNER	66"	159"	0.6	0.52	0.41	0.36	14.33	2063	179"
IMT 2050 OUTER	72"	144"	0.66	0.57	0.45	0.4	17.06	2439	179"
IMT 2550 INNER	88"	119"	0.54	0.47	0.37	0.33	25.79	2579	149"
IMT 2550 OUTER	96"	100"	0.59	0.51	0.4	0.36	30.81	3081	149"
IMT 3050 INNER	88"	138"	0.65	0.56	0.44	0.4	25.71	3072	165"
IMT 3050 OUTER	96"	118"	0.71	0.61	0.48	0.43	30.7	3638	165"
IMT 4050 INNER	88"	177"	0.87	0.76	0.6	0.53	25.53	4034	197"
IMT 4050 OUTER	96"	158"	0.96	0.83	0.65	0.59	30.49	4833	197"
IMT 5250 INNER	111"	154"	0.91	0.78	0.62	0.55	40.78	5301	188"
IMT 5250 OUTER	119"	131"	0.98	0.78	0.62	0.6	46.79	6129	188"
IMT 6550 INNER	111"	186"	1.15	0.99	0.78	0.7	40.54	6608	215"
IMT 6550 OUTER	111"	186"	1.24	0.99	0.78	0.76	46.79	7674	215"