



Bolted Steel Tanks

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Our bolted steel tanks are designed with straight seam, flat panels bolted together and water-tight custom rubber gaskets. The perfect solution for municipalities, industrial and commercial projects.

Ideal for Bulk Storage

Your solution for storage. Our powder epoxy storage tanks are certified to NSF/ANSI 61 & 372 standards, with a variety of roof styles, colors, add on options. Great for:

- Potable Water
- Wastewater
- Fire Protection
- Irrigation
- Dry Storage
- Frac Sand Storage





Features:

- Straight seam, flat steel panels
- 1/2" Steel plate in AWWA designs
- Perfect for large capacities
- Engineered for self-supporting steel decks up to 60' in diameter



Bolted Steel Tanks

Our NSF international certified, powdered epoxy coated tanks are used to store wastewater, petroleum products, water; chemicals, and much more. Custom designed tanks are engineered for your site's specific calculations.

Fire Prevention- Our flat panel design is ideal for water storage. Tanks are bolted and sealed meeting NFPA 22 and AWWA regulations. The finish covers the entirety of panels, eliminating the need for cathodic protection.



Agriculture- Agriculture and irrigation tank solutions to store water, chemicals, feed, and more. Manufactured to local & state, as well as AWWA standards, our tanks are NSF61 certified, and have powder epoxy and coating for potable water use. Tanks can be erected in remote locations.



Wastewater- Our tanks exceed industry demands and meet the new EPA requirements. Your tank will be AWWA compliant. We can customized to meet any of your size or site needs.



Potable Water- Coated with thermoset powder epoxy, our tanks are NSF61 approved. We work with municipalities and rural water districts on design and budget. Tanks are in accordance with AWWA D103 section 10.2.



Bolted Tank Quality Matters

With 35 years manufacturing experience, our bolted storage tanks are the right solution for wastewater, potable water, fire suppression and protection water, as well as a variety of dry storage.

Innovations- Our bolted steel tanks are the first to use straight seam, flat panels, 1/2 "steel plate in AWWA designs, construct self-supporting steel decks up to 60' diameter, and build powder on powder epoxy coated tanks and silos. We are committed to customer satisfaction with state-of-the-art technology.



Efficiency- Fewer pieces to fabricate mean fewer pieces to unload and install. Our powder-coated epoxy panels are 116" x 58" coverage sidewall sheets. Other companies use smaller, non-standard coverage sheets. This leads to a 10% to 22% increase in sheets to cover the same capacity as our tank construction. We save you time and money.



Roof Options- We partner with one of the world's largest aluminum dome manufacturers. We can install an aluminum dome at an extremely reasonable price that sheers rain and snow. We can also will finish the interior, top two rings with our powder-coated epoxy exterior coating to provide an additional barrier for UV protection.



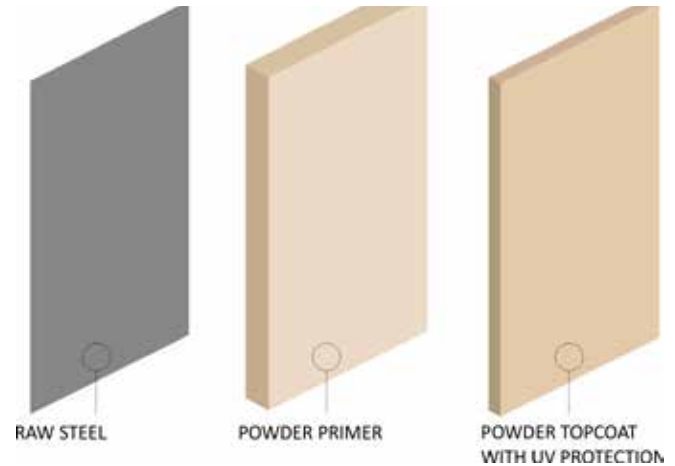
Durability- Tanks are designed for your specific tank style and application needs. Our tanks are durable and corrosion resistant with our powder-coated epoxy coating. We are committed to your specific tanks structural integrity, loading capacities and seismic standards.



Durable Powder-on-Powder Epoxy Coating

An epoxy powder coating system, and industry benchmark standard for exceptional durability at an economical price.

- Controlled painting system monitors precise timing and temperature to ensure the best adhesion and curing.
- Has an excellent range of pH tolerance, from 4 to 14.
- Has the best abrasion and impact resistance of any coating in the industry.
- The maximum temperature fluctuation tolerated is 20 degrees higher than any of our competitors.



Benefits

- Meet AWWA D103-09 and NFPA 22 standards
- Increase durability and capacity
- Custom sizes and designs for sites in tight or rural areas.
- Multi-uses across many industries



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CLARION

Key Questions to Ask Your Water Storage Tank Manufacturers

1. Which tank is best for your tank application?

One key question is which tank is best for your project? Decide what your water tank is being used for. Ask for recommendation for the right tank to make sure to meet your application needs. Our team is here to provide guidance and product recommendations, each step of the way.



2. What do I need to do to care for my tank after installation?

What aftercare is needed is an important question to ask. Most water tanks are low-maintenance, but there are things to keep your tank clean and performing at its best. Regular cleaning, removing any debris, or checking seals and opening can keep them functioning properly. Know what the warranty is and for how long is important. We help you with your product, even after installation is complete.



3. What happens to my tank in freezing temperatures?

In cold climates, you may experience freezing temperatures. What does this mean for your water tank? Before installing, talk to your manufacturers to make sure you get the right tank for your climate. We also offer bulk storage heater blankets to keep your liquids and water from freezing.



4. Are you experienced in tank installation?

When installing your water tank, you need to work with an experienced company. Installing a tank is not only a big project, but an investment. We have over 35 years in the water tank industry, and are proud to be certified by NSF International. We bring experience, local expertise, and industry knowledge.



Bolted Tank Specifications

Sheets Per Ring	Diameter Feet	1 Ring 5'-3 1/4"	2 Rings 10'-1 1/4"	3 Rings 14'-11 1/4"	4 Rings 19'-9 1/4"	5 Rings 24'-7 1/4"	6 Rings 29'-5 1/4"	7 Rings 34'-3 1/4"	8 Rings 39'-1 1/4"	9 Rings 43'-11 1/4"	10 Rings 48'-9 1/4"	11 Rings 53'-7 1/4"	12 Rings 58'-5 1/4"	13 Rings 63'-3 1/4"
3	9'-2 3/4"	2,138	4,558	6,978	9,398	11,818	14,238	16,658	19,077	21,497	23,917	26,337	28,757	31,177
4	12'-3 3/4"	3,801	8,103	12,405	16,707	21,009	25,311	29,614	33,916	38,218	42,520	46,822	51,124	55,426
5	15'-4 5/8"	5,940	12,662	19,383	26,105	32,827	39,549	46,271	52,993	59,715	66,437	73,159	79,881	86,603
6	18'-5 1/2"	8,553	18,233	27,912	37,592	47,271	56,951	66,630	76,310	85,990	95,669	105,349	115,028	124,708
7	21'-6 1/2"	11,642	24,817	37,992	51,167	64,341	77,516	90,691	103,866	117,041	130,216	143,391	156,566	169,741
8	24'-7 3/8"	15,205	32,414	49,622	66,830	84,038	101,246	118,454	135,662	152,870	170,078	187,286	204,495	221,703
9	27'-8 3/8"	19,244	41,023	62,802	84,581	106,360	128,139	149,918	171,697	193,476	215,255	237,034	258,813	280,592
10	30'-9 1/4"	23,758	50,646	77,534	104,421	131,309	158,197	185,084	211,972	238,860	265,747	292,635	319,523	346,410
11	33'-10 1/8"	28,748	61,282	93,816	126,350	158,884	191,418	223,952	256,486	289,020	321,554	354,088	386,623	419,157
12	36'-11 1/8"	34,212	72,930	111,649	150,367	189,085	227,803	266,522	305,240	343,958	382,676	421,395	460,113	498,831
13	40'	40,152	85,592	131,032	176,472	221,912	267,353	312,793	358,233	403,673	449,113	494,553	539,993	585,434
14	43'-7/8"	46,567	99,266	151,966	204,666	257,366	310,066	362,766	415,465	468,165	520,865	573,565	626,265	678,964
15	46'-1 7/8"	53,457	113,954	174,451	234,948	295,446	355,943	416,440	476,937	537,435	597,932	658,429	718,926	779,423
16	49'-2 3/4"	60,822	129,654	198,487	267,319	336,151	404,984	473,816	542,649	611,481	680,313	749,146	817,978	886,811
17	52'-3 3/4"	68,662	146,367	224,073	301,778	379,483	457,189	534,894	612,599	690,305	768,010	845,715	923,421	1,001,126
18	55'-4 5/8"	76,978	164,094	251,210	338,326	425,442	512,558	599,674	686,790	773,906	861,022	948,138	1,035,254	1,122,370
19	58'-5 1/2"	85,768	182,833	279,897	376,962	474,026	571,090	668,155	765,219	862,284	959,348	1,056,413	1,153,477	1,250,542
20	61'-6 1/2"	95,034	202,585	310,135	417,686	525,237	632,787	740,338	847,889	955,439	1,062,990	1,170,540	1,278,091	1,385,642
21	64'-7 3/8"	104,775	223,350	341,924	460,499	579,073	697,648	816,223	934,797	1,053,372	1,171,946	1,290,521	1,409,095	1,527,670
22	67'-8 3/8"	114,991	245,127	375,264	505,400	635,536	765,673	895,809	1,025,945	1,156,081	1,286,218	1,416,354	1,546,490	1,676,627
23	70'-9 1/4"	125,682	267,918	410,154	552,390	694,625	836,861	979,097	1,121,333	1,263,568	1,405,804	1,548,040	1,690,276	1,832,511
24	73'-10 1/8"	136,849	291,722	446,595	601,468	756,341	911,214	1,066,087	1,220,959	1,375,832	1,530,705	1,685,578	1,840,451	
25	76'-11 1/8"	148,491	316,538	484,586	652,634	820,682	988,730	1,156,778	1,324,826	1,492,874	1,660,922	1,828,969	1,997,017	
26	80'	160,607	342,368	524,129	705,889	887,650	1,069,410	1,251,171	1,432,932	1,614,692	1,796,453	1,978,213		
27	83'-1"	173,199	369,210	565,222	761,233	957,244	1,153,255	1,349,266	1,545,277	1,741,288	1,937,299	2,133,310		
28	86'-1 7/8"	186,267	397,066	607,865	818,664	1,029,464	1,240,263	1,451,062	1,661,861	1,872,661	2,083,460			
29	89' - 2 3/4"	199,809	425,934	652,059	878,185	1,104,310	1,330,435	1,556,560	1,782,686	2,008,811	2,234,936			
30	92'-3 3/4"	213,826	455,815	697,804	939,793	1,181,782	1,423,771	1,665,760	1,907,749	2,149,738	2,391,727			
31	95'-4 5/8"	228,319	486,710	745,100	1,003,490	1,261,881	1,520,271	1,778,662	2,037,052	2,295,443				
32	98'-5 5/8"	243,287	518,617	793,946	1,069,276	1,344,606	1,619,935	1,895,265	2,170,595	2,445,924				
33	101'-6 1/2"	258,730	551,537	844,343	1,137,150	1,429,957	1,722,763	2,015,570	2,308,376	2,601,183				
34	104'-7 3/8"	274,648	585,470	896,291	1,207,112	1,517,934	1,828,755	2,139,576	2,450,398	2,761,219				
35	107'-8 3/8"	291,042	620,415	949,789	1,279,163	1,608,537	1,937,911	2,267,285	2,596,659					
36	110'-9 1/4"	307,910	656,374	1,004,838	1,353,302	1,701,766	2,050,231	2,398,695	2,747,159					
37	113'-10 1/8"	325,254	693,346	1,061,438	1,429,530	1,797,622	2,165,714	2,533,806	2,901,898					
38	116'-11 1/8"	343,073	731,331	1,119,588	1,507,846	1,896,104	2,284,362	2,672,620	3,060,878					
39	120'	361,367	770,328	1,179,289	1,588,251	1,997,212	2,406,173	2,815,135	3,224,096					
40	123'-1"	380,136	810,339	1,240,541	1,670,744	2,100,946	2,531,149	2,961,351						
41	126'-1 7/8"	399,380	851,362	1,303,343	1,755,325	2,207,307	2,659,288	3,111,270						
42	129'-2 3/4"	419,100	893,398	1,367,697	1,841,995	2,316,293	2,790,592	3,264,890						
43	132'-3 3/4"	439,295	936,447	1,433,600	1,930,753	2,427,906	2,925,059	3,422,212						
44	135'-4 5/8"	459,964	980,510	1,501,055	2,021,600	2,542,145	3,062,690	3,583,235						
45	138'-5 5/8"	481,110	1,025,585	1,570,060	2,114,535	2,659,010	3,203,485	3,747,960						
46	141'-6 1/2"	502,730	1,071,673	1,640,616	2,209,559	2,778,501	3,347,444							
47	144'-7 3/8"	524,825	1,118,774	1,712,722	2,306,671	2,900,619	3,494,567							
48	147'-8 3/8"	547,396	1,166,887	1,786,379	2,405,871	3,025,363	3,644,854							
49	150'-9 1/4"	570,441	1,216,014	1,861,587	2,507,160	3,152,733	3,798,305							
50	153'-10 1/4"	593,962	1,266,154	1,938,345	2,610,537	3,282,729	3,954,920							

Additional Options

Appurtenances	
• Spiral Stairs	• Insulation
• Exterior Ladders	• Level switch
• Interior Ladders	• Temperature switch
• Heaters	• And more...



Tank Calculator

To help you calculate your tank diameter, please see our [tank calculator](#). This will help us better understand the type and size of tank you will need for your particular application.



For more complete information on One Clarion products and solutions, visit us on the web at: www.clarionmunicipal.com or call us at : (+1) 863-261-8388 | info@oneclarion.com

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