



# Corrugated Steel Water Tanks

## Durable Water Storage

### **Made from Corrosion-Resistant Steel**

Corrugated Steel Water Tanks provide quality water storage for a variety of purposes. Constructed from high-quality steel, these water storage tanks are available in a size for every need. Known for their durability and strength, corrugated steel tanks are an economical long term or temporary liquid storage option.

Corrugated Steel Tanks are made of G300 Zincalume steel. The coating keeps the steel from rusting, providing a longer-lasting protection. Because GEI liquid storage tanks are assembled on site, shipping is economical when compared to pre-fabricated or welded tanks.



# Corrugated Steel Water Tanks

## A Tank for Many Uses

### Standard Features

- Corrugated Steel Sheets
- Geotextile Pre-Liner
- Fittings (PVC)
- Domed Roof
- Aqualiner
- Open Top Available



### Optional Features

- Filtration
- Additional Fittings
- Water Level Indicators (Meets NFPA standards)
- Insulation Wrap
- Immersion Heater
- Shut Off Float Valve
- Side Ladder with OSHA Cage (3 Tiers & Above)

### Benefits

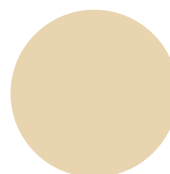
- Liners Allow for Potable, Non-Potable, and Waste Water Usage
- Ship with Ease—1% of total volume
- Install on Site
- Available in Variety of Capacity
- High-Strength Construction
- Customize to Fit Application
- Withstand Harsh Environmental Conditions

Corrugated Steel Water Tanks come in a **variety of sizes**, ranging from 1,714 gallons to over 700,000 gallons, to serve any need. Whether the storage is for rainwater collection, irrigation, or fire protection, the needed amount of water will be readily available for usage. There are also several color options available. Common applications for corrugated water storage include:

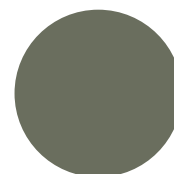
- Rain Water Storage
- Irrigation Water Storage
- Fire Suppression
- Mining and Frac Water Storage
- Industrial Process Liquid Storage
- Potable/Non-Potable Water Storage
- Stormwater or Wastewater Treatment
- Aquaculture
- Agricultural Grey Water Storage
- Municipal Emergency Water Storage

\*Customization may be necessary for non-water usage.

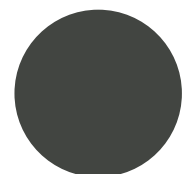
### Color Options



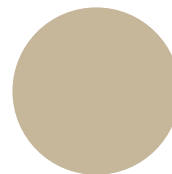
Classic Cream



Mangrove



Woodland Grey



Paperbark



Surfmist

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# Corrugated Steel Water Tanks

## Installation, Warranty & Financing

### Full Installation Services

GEI Works provides full installation services for customers in the U.S. and Canada and supervised installations for those outside the U.S. and Canada. (External piping is not included as a part of the installation services.)

Tanks are erected by GEI Works-approved installers on a customer-supplied foundation. A leak test should be done immediately following installation, with the customer supplying the water.

### Manufacturer's Warranty

A 20-year manufacturer's warranty on all tanks is available. Just fill out the GEI Works Warranty card and your tank is registered.

### Easy Financing

GEI Works has partnered with JB2 Funding to provide three convenient financing options. Financing and leasing programs are available for new equipment, machinery, and DOT-compliant water trailers. Standard policy is to receive payment in advance for any customers without previous purchase history with GEI Works.

Payment Options for Customers in U.S. & Canada:

- Financing
- ACH Deposit/eCheck/Wire Transfer
- Credit Card (Visa, Mastercard, Discover Card)
- Apply for Credit Terms

International customers must pay in advance with SWIFT transfer. Credit cards must be drawn in a US bank.



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## Specifications

Tank model	Tank diameter	Number of rings/Wall height with Gross Capacity in Gallons							
		R1 3 ft 9 in	R2 7 ft 2 in	R3 10 ft 7 in	R4 14 ft	R5 17 ft 5 in	R6 20 ft 10 in	R7 24 ft 3 in	R8 27 ft 8 in
XL01	8 ft 10 in	1,714	3,249	4,813	6,363	7,913			
XL04	11 ft	2,678	5,076	7,521	9,942	12,364	14,786		
XL05	13 ft 2 in	3,856	7,309	10,830	14,317	17,804	21,291	24,778	
XL08	15 ft 5 in	5,226	9,907	14,678	19,404	24,130	28,856	33,582	
XL10	17 ft 7 in	6,829	12,946	19,182	25,358	31,534	37,710	43,886	
XL13	19 ft 9 in	8,647	16,392	24,287	32,107	39,927	47,747	55,567	63,387
XL15	22 ft	10,679	20,243	29,994	39,651	49,309	58,966	68,624	78,281
XL20	24 ft 2 in	12,925	24,501	36,302	47,991	59,680	71,368	83,057	94,746
XL23	26 ft 4 in	15,347	29,093	43,105	56,984	70,863	84,742	98,621	112,500
XL25	28 ft 7 in	18,018	34,156	50,608	66,903	83,198	99,492	115,787	132,082
XL30	30 ft 9 in	20,904	39,626	58,713	77,617	96,521	115,426	134,330	153,234
XL35	32 ft 11 in	24,004	45,502	67,419	89,126	110,834	132,542	154,249	175,957
XL40	35 ft 2 in	27,318	51,785	76,727	101,431	126,136	150,841	175,545	200,250
XL45	37 ft 4 in	30,792	58,370	86,484	114,330	142,177	170,023	197,869	225,715
XL50	39 ft 6 in	34,588	65,567	97,148	128,427	159,707	190,987	222,267	253,546
XL60	41 ft 8 in	38,545	73,068	108,261	143,118	177,976	212,834	247,692	282,550
XL65	43 ft 10 in	42,652	80,853	119,796	158,368	196,940	235,512	274,084	312,656
XL70	46 ft	46,900	88,906	131,727	174,141	216,555	258,968	301,382	343,796
XL80	48 ft 3 in	51,630	97,872	145,012	191,703	238,395	285,086	331,777	378,468
XL85	50 ft 5 in	56,367	106,852	158,317	209,292	260,267	311,242	362,217	413,192
XL90	52 ft 8 in	61,465	116,515	172,635	228,221	283,806	339,391	394,977	450,562
XL100	54 ft 10 in	66,703	126,446	187,349	247,672	307,995	368,318	428,641	488,964
XL110	57 ft	72,073	136,626	202,432	267,611	332,790	397,970	463,149	528,328
XL120	59 ft 2 in	77,737	147,363	218,340	288,642	358,943	429,245	499,546	569,848
XL130	61 ft 5 in	83,615	158,506	234,850	310,468	386,085	461,702	537,320	612,937
XL140	63 ft 7 in	89,708	170,055	251,962	333,089	414,216	495,343	576,470	657,597
XL150	65 ft 9 in	95,919	181,829	269,406	356,150	442,894	529,638	616,382	703,126

**Note:**

Allowance must be made for air gap and pipe work positioning to establish usable tank volume.

\* Availability subject to site conditions.

**Conversion units**

- 1 US Gallon = 3.785 Litres
- 1 Foot = 0.3048 Meters
- 1 Inch = 2.54 Centimeters

**Legend**

- ft = feet
- in = inches

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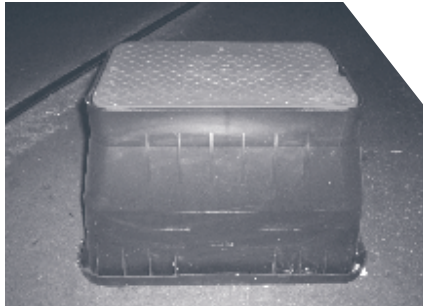
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# Corrugated Steel Water Tanks Accessories



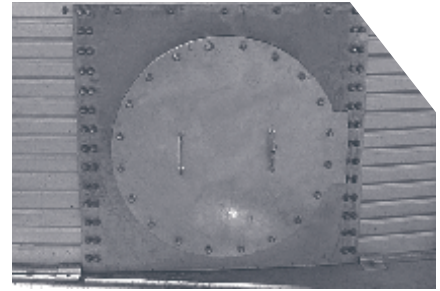
## Ventilation

Airflow is very important when personnel have to enter the tank for routine maintenance checks or remove airborne pollutants and excess condensation from your tank. Procedures for working in confined spaces are recommended.



## Scour Box

Protects the scour valve from accidental damage or tampering.



## Side wall access hatch

The side wall access hatch allows access to the inside of the tank from ground level in case of an emergency.



## Pipe brackets

Pipe brackets are used to stabilize external piping. It is the client's responsibility to ensure ground pipework is appropriately supported.



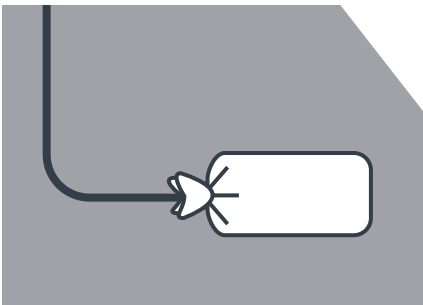
## Fascia

The roof fascia conceals the trimmed edge of the roof sheeting and is ribbed in the same pattern as the wall panels to improve the overall aesthetics of your tank.



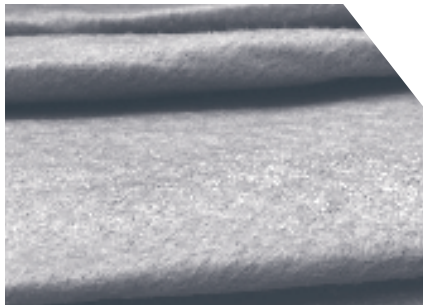
## Level indicators

Level indicators can be externally mounted to rural or commercial tanks up to 26 feet in height to display the level of the water within the tank.



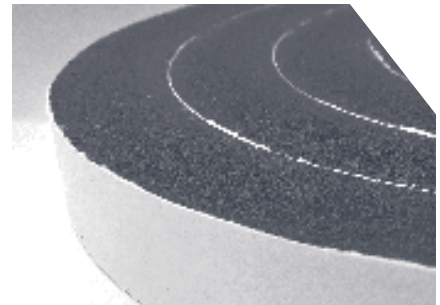
## Anode

Anode: Magnesium alloy  
Cable: PVC insulated and sheathed 6mm  $\varnothing$  cross sectional area  
Bag material: calico



## Geotextile

A 100% polyester non-woven material with high breaking strength. We recommend geotextile when clean sand is difficult to source and protection is required against sharp objects such as stones or rocks that may damage or puncture the liner base.



## Dust seals

Protects your stored water from dust, insects and frogs by installing dust seal between the corrugated roof and the top edge of the tank.

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## Site and Footing Preparation



- For commercial size tanks, use a concrete ring beam foundation. Some exclusions apply. Please consult GEI Works for more details.
- It is necessary to construct a level area 10 to 13 feet larger than the diameter of the ring beam. The sand inside the ring beam should be a depth of 4 inches and compacted. At least 3.3 feet clear area is required all around the tank for construction.
- Site preparation must be completed prior to the arrival of installers.
- For sloping sites, adequate retaining and drainage must be installed prior to completion of the tank construction. Professional engineering advice should be sought on the retaining and drainage requirements.

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## Site Requirements - Ring Beam Footings

Tank Model	Diameter (feet, inches)	Ring Beam Cross Section : Width x Height (inches)						
		R2	R3	R4	R5	R6	R7	R8
XL01	8' 10"	18" x 10"	18" x 10"	18" x 16"	24" x 16"	26" x 20"	N/A	N/A
XL04	11'	18" x 10"	18" x 10"	18" x 12"	18" x 16"	20" x 20"	24" x 24"	N/A
XL05	13' 2"	18" x 10"	18" x 10"	18" x 12"	18" x 16"	24" x 16"	24" x 24"	N/A
XL08	15' 5"	18" x 10"	18" x 10"	18" x 12"	18" x 16"	20" x 16"	20" x 20"	26" x 20"
XL10	17' 7"	18" x 10"	18" x 10"	18" x 10"	20" x 12"	18" x 16"	24" x 16"	22" x 20"
XL13	19' 9"	18" x 10"	18" x 10"	18" x 10"	18" x 12"	18" x 16"	22" x 16"	20" x 20"
XL15	22'	18" x 10"	18" x 10"	18" x 10"	18" x 12"	18" x 16"	20" x 16"	20" x 20"
XL20	24' 2"	18" x 10"	18" x 10"	18" x 10"	18" x 12"	20" x 12"	18" x 16"	22" x 16"
XL23	26' 4"	18" x 10"	18" x 10"	18" x 10"	18" x 12"	18" x 12"	18" x 16"	20" x 16"
XL25	28' 7"	18" x 10"	18" x 10"	18" x 10"	18" x 12"	18" x 12"	18" x 16"	18" x 16"
XL30	30' 9"	18" x 10"	18" x 10"	18" x 12"	18" x 12"	18" x 12"	18" x 16"	18" x 16"
XL35	32' 11"	18" x 10"	18" x 10"	18" x 12"	18" x 12"	18" x 12"	18" x 12"	18" x 16"
XL40	35' 2"	18" x 10"	18" x 10"	18" x 12"	18" x 12"	18" x 12"	18" x 12"	18" x 16"
XL45	37' 4"	18" x 10"	18" x 10"	18" x 12"	18" x 12"	18" x 12"	20" x 12"	20" x 12"
XL50	39' 6"	18" x 10"	18" x 10"	18" x 12"	18" x 12"	18" x 12"	20" x 12"	18" x 12"
XL60	41' 8"	18" x 12"	18" x 12"	18" x 12"	18" x 12"	18" x 12"	20" x 12"	18" x 12"
XL65	43' 10"	18" x 12"	18" x 12"	18" x 12"	18" x 12"	18" x 12"	20" x 12"	20" x 12"
XL70	46'	18" x 12"	18" x 12"	18" x 12"	18" x 12"	18" x 12"	20" x 12"	20" x 12"
XL80	48' 3"	18" x 12"	18" x 12"	18" x 12"	18" x 12"	20" x 12"	20" x 12"	20" x 12"
XL85	50' 5"	18" x 12"	18" x 12"	18" x 12"	18" x 12"	20" x 12"	20" x 12"	20" x 12"
XL90	52' 8"	18" x 12"	18" x 12"	18" x 12"	18" x 12"	20" x 12"	20" x 12"	20" x 12"
XL100	54' 10"	18" x 12"	18" x 12"	18" x 12"	18" x 12"	20" x 12"	20" x 12"	20" x 12"
XL110	57'	18" x 12"	18" x 12"	18" x 12"	20" x 12"	20" x 12"	20" x 12"	20" x 12"
XL120	59' 2"	18" x 12"	18" x 12"	18" x 12"	20" x 12"	20" x 12"	20" x 12"	20" x 12"
XL130	61' 5"	18" x 12"	18" x 12"	20" x 12"	20" x 12"	20" x 12"	20" x 12"	20" x 12"
XL140	63' 7"	18" x 12"	18" x 12"	20" x 12"	20" x 12"	20" x 12"	20" x 12"	20" x 12"
XL150	65' 9"	18" x 12"	18" x 12"	20" x 12"	20" x 12"	20" x 12"	20" x 12"	20" x 12"

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