

# CORRUGATED



## Proven Storage Solutions

Riveted Corrugated Storage Tank's century old concept has proven itself to be a more durable, watertight and economical solution over other tanks in its class. BH Tank, Inc. has manufactured Riveted Corrugated Storage Tanks since 1935. Whether pre-assembled or field-erected, the value and durability of our tanks have earned the highest levels of customer satisfaction in our industry.

- RESIDENTIAL WATER SUPPLY
- RECYCLED WATER DISTRIBUTION
- LIVESTOCK WATER RESERVES
- REDWOOD TANK REPLACEMENT
- VERSATILE STORAGE SOLUTION
- FIRE PROTECTION RESERVE
- IRRIGATION WATER STORAGE
- DIFFICULT ACCESS SITUATIONS
- POLY TANK REPLACEMENT
- NFPA-22 APPROVED

From engineering, manufacturing, to full service delivery and installation, using our own equipment or specialized carriers throughout the U.S. and Mexico, BH Tank can ship pre-assembled corrugated tanks with capacities up to 15,000 gallons.

Our Field Erected Corrugated Tanks are typically specified for storage requirements between 20,000 to 200,000 gallon capacities. We specialize in low-profile field erected tanks that are designed to meet seismic safety standards without anchoring, saving the expense of a concrete foundation.

# SPECIFICATIONS • SIZES • ACCESSORIES

Riveted corrugated galvanized steel tanks are the preferred choice to store groundwater for household uses, irrigation and fire protection per NFPA-22. Tanks larger than 5000 gallons capacity are structurally engineered in accordance with AWWA D-103-97 for NFPA wind, seismic and deck loads as mandated by the Uniform Building Code. Our mill galvanized tanks are factory coated providing a multi-layer system of mechanical and cathodic protection. We offer a variety of coating systems to meet a variety of project requirements, applications and budgets, with the best engineered life-cycle cost values in the industry.

## CORRUGATED TANK SPECIFICATIONS

Engineering Criteria
-G-90 Galvanized Steel per ASTM A653 -304 Stainless Steel per ASTM A240 -Riveted Joint Design per A.I.S.C., ANSI B18.1 & ASTM A31 -Galvanized Purlin Deck Supports per ASTM A653 -Wind & Deck Live Loads per U.B.C -Seismic Design per A.W.W.A. D-103 -NSF Approved Urethane Polymer Sealant
Interior Tank Coatings
-Non-toxic Ceramic Emulsion (Farbertite) -Baked-on NSF Approved Epoxy Powder Coatings
Exterior Bottoms
-Non-toxic Asphaltic Emulsion -Baked-on NSF Approved Epoxy Powder Coating
Exterior Coatings
-Original mill galvanization -Galvanized/Aluminum Steel Primer -Acrylic Enamel Color Top Coat -Baked-on powder polyester
Warranty
-BH Tanks are designed to have a minimum service life of twenty years, guaranteed leak-free and come with a ten-year warranty. Value engineering criteria for replacement cost analysis based on thirty year life cycle. Detailed warranty information and maintenance guidelines available upon request.

## FIELD-ERECTED SIZES

Gallons	Diameter	Height
10,150	12'4"	11'3"
10,400	15'5"	7'6"
15,700		11'3"
20,800		15'0"
29,000	18'9"	18'9"
15,050		7'6"
22,750		11'3"
30,150	15'0"	
20,500	21'7"	7'6"
31,000		11'3"
41,000		15'0"
26,775	24'8"	7'6"
40,450		11'3"
53,550		15'0"
33,950	27'9"	7'6"
51,300		11'3"
67,900		15'0"
42,000	30'10"	7'6"
63,300		11'3"
83,800		15'0"
104,800		18'9"
50,600	33'11"	7'6"
76,500		11'3"
101,350		15'0"
127,100		18'9"
115,800	36'0"	15'0"
144,750		18'9"

## PRE-ASSEMBLED SIZES

Gallons	Diameter	Height	Pounds
1,000	5'7"	5'6"	350
1,650	6'2"	7'6"	500
3,300		15'0"	750
2,500	7'6"	7'6"	650
3,700		11'3"	775
5,000		15'0"	900
3,200	8'6"	7'6"	825
4,775		11'3"	1,150
6,400	15'0"	1,500	
3,750	9'3"	7'6"	950
5,150		10'3"	1,150
5,700		11'3"	1,225
7,500	15'0"	1,600	
4,333	9'11"	7'6"	1,075
6,500		11'3"	1,375
8,667		15'0"	1,750
5,000	10'6"	7'6"	1,100
7,500		11'3"	1,425
10,000		15'0"	1,825
5,350	11'0"	7'6"	1,325
8,000		11'3"	1,675
10,650		15'0"	2,100
9,000	11'8"	11'3"	1,825
10,350		13'0"	2,000
12,000		15'0"	2,350
15,000		18'9"	2,900

\*\*OTHER SIZES AVAILABLE

## CORRUGATED TANK ACCESSORIES

Standard Tank Accessories: (1) 4" and (3) 1/2" to 2 1/2" Threaded NPT Flanges; (1) 20" Dia. Deck manway; (2) Std. Lifting Lugs	Optional Tank Accessories: Float Valve Assemblies; Fire Hydrant Kits; Liquid Level Indicators; Ladders; Vent Assemblies; Shell Manways; Pipe Brackets, Level Controls & Monitors
Installation Services: Gravel Rings: (6" Ht. X 5' Long X 14 Ga. galvanized steel with stakes, nuts & bolts) Seismic and Wind Anchor Clips: Lifting Lugs; Freight; Crane Services; Foundation Design & Installation Certified tank design calculations and shop drawings with P.E wetstamp	Plumbing Connections: 300# Steel Full Couplings: 1/2" TO 4" FNPT 125# FNPT Cast Iron Companion Flanges: 2" TO 6" FNPT 150# Steel Flanges With 8" Spool: 2" TO 24" RFSO

