

TANQUES DE FIBRA DE VIDRIO

Los Tanques marca Truwater® son fabricados en una sola pieza con revestimiento de polietileno de alta densidad muy resistentes a fugas por su ingeniería de polímero encapsulado. Los Tanques cuentan con una reforzada construcción de fibra de vidrio, ofreciendo excelente rendimiento y durabilidad. Disponibles desde 8" x 17" hasta 48" x 72" con una variedad de con guraciones diferentes, diseñados para ofrecerle años de rendimiento sin preocupaciones.

INGENIERÍA AVANZADA Y FABRICACIÓN.

Procesos de fabricación. Los revestimientos de PEAD de 6 "a 36" están hechos de máquina de moldeo por soplado controlada por CNC. El revestimiento de PEAD del tanque industrial está hecho de una máquina de moldeo rotacional controlada por CNC. Las inserciones y bases de entrada son de máquinas de moldeo por inyección controladas por CNC. Las cubiertas externas de FRP están hechas de una máquina de bobinado de lamentos multieje controlada por CNC.

Los tanques TRUWATER® se someten a una prueba de fugas antes de salir de la fábrica. Los productos seleccionados aleatoriamente se someten a pruebas de fatiga y estallido para veri car los parámetros de diseño y calidad.

CONDICIONES DE FUNCIONAMIENTO.

Presión máxima de funcionamiento: 10 bar (150 psi) .

Rango de temperatura de funcionamiento: 1 - 50 ° C (34 - 120 ° F).

MATERIALES DE CONSTRUCCIÓN.

Todos los materiales de construcción en contacto con el agua son materiales de calidad alimentaria.

Cubierta interna (revestimiento): Polietileno de Alta Densidad (PEAD) Cubierta exterior: Fibra de vidrio reforzado con resina epoxi. Las inserciones de entrada están hechas de plástico térmico reforzado con vidrio moldeado por inyección. Las bridas están hechas de fundición de aluminio. Las bases del tanque residencial están hechas de plástico termoestable moldeado por inyección de resistencia al impacto. Las bases de los tanques industriales están hechas de laminado FRP.

APLICACIONES EN FILTRACIÓN DE AGUA.

- Ablandamiento de agua
- Almacenamiento de agua
- Intercambiador de iones

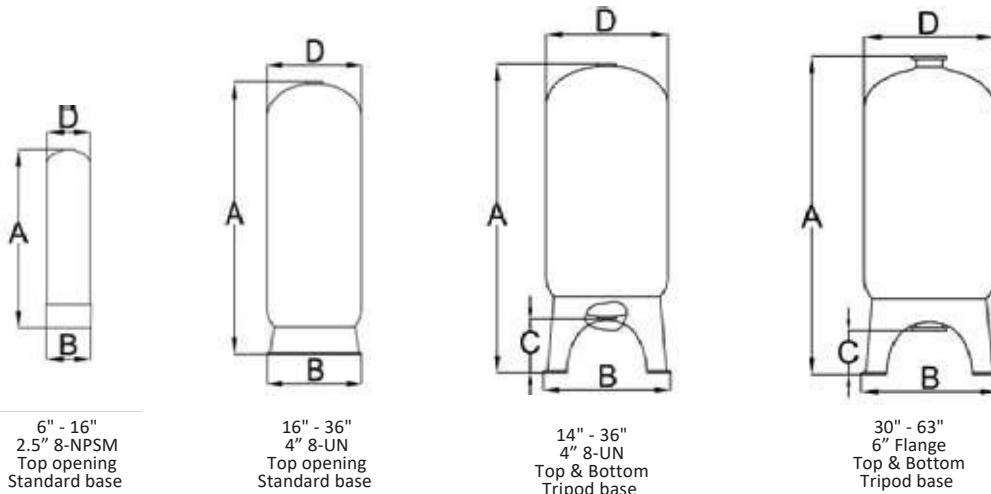


ESPECIFICACIONES

Tamaño (pulgadas)	Boca del Tanque		Capacidad		Base	Dimensiones (mm)			
	Top	BTM	Litros	Galones		A	B (O)	C	D (O)
9" x 48"	2.5" 8-NPSM	/	44.4	11.7	STD	1225	240	/	232
10" x 54"	2.5" 8-NPSM	/	63.3	16.7	STD	1385	269	/	260
12" x 52"	2.5" 8-NPSM	/	97	25.7	STD	1330	318	/	310
13" x 54"	2.5" 8-NPSM	/	105.3	27.9	STD	1380	343	/	336
14" x 65"	2.5" 8-NPSM	/	148.5	39.3	STD	1655	369	/	362
16" x 65"	2.5" 8-NPSM	/	192.1	50.8	STD	1650	422	/	412
18" x 65"	4" 8-UN	/	268	70.9	STD	1670	451	/	461
21" x 62"	4" 8-UN	/	341	90.2	STD	1620	532	/	543
24" x 72"	4" 8-UN	/	490	129.6	STD	1900	616	/	615
30" x 72"	6" FLG	6" FLG	735	194.4	TRIPOD	2260	/	270	765
36" x 72"	6" FLG	6" FLG	1031	272.8	TRIPOD	2280	/	295	920
42" x 72"	6" FLG	6" FLG	1461	386.5	TRIPOD	2300	/	303	1067
48" x 72"	6" FLG	6" FLG	1890	499.3	TRIPOD	2250	/	300	1215

NOTE.

- 1 All vessels are completed with food grade PE liner. (complied to FDA regulation 21 CFR 177.1520 and safe for drinking water.
- 2 All dimensions are for reference only and subjected to change without notice.





STRUCTURAL

Pentair Water



COMPOSITE PRESSURE VESSELS

COMPOSITE VS. STEEL



Global Leaders in Composite Pressure Vessel Technology

The non-corrosive, cost-effective solution for commercial/industrial water treatment and storage

STRUCTURAL® TECHNOLOGY AND MANUFACTURING PROCESSES

Our exclusive, patented manufacturing process creates a seamless polyethylene shell that is wound continuously with fiber-glass roving and sealed with epoxy resin. This process results in a corrosion-resistant, leak-free vessel. Computer-aided winding machines and other customized equipment are used to produce a tank that offers outstanding performance and durability.

APPLICATIONS

Composite Pressure Vessels are used for large commercial and industrial applications such as:

- Softening
- Filtration
- Storage

WHY CUSTOMERS SPECIFY STRUCTURAL

- Trusted performance
- High quality products
- Unparalleled customer support
- Rapid delivery



COMPOSITE PRESSURE VESSELS

SPECIFICATIONS

DESCRIPTION	OPENING	OPERATING PRESSURE (PSI/BAR)	HEIGHT W/ BASE (IN/MM) 1	HEIGHT W/O BASE (IN/MM) 1	DIAMETER (IN/MM) 2	CAPACITY (GAL/LITER)	BASE	WEIGHT W/ BASE (LBS/KG) 3
18 x 65	4"T	150/10.34	66.25/1682.0	65.00/1651.0	18.65/473.8	64/242.0	SMC	67/30.4
18 x 65	4"TB	150/10.34	73.13/1857.5	65.63/1667.0	18.65/473.8	64/242.0	SMC EXT	67/30.4
21 x 62	4"T	150/10.34	67.13/1705.0	63.50/1612.9	22.00/558.8	84/318.0	SMC	95/43.1
21 x 62	4"TB	150/10.34	72.75/1847.9	63.50/1612.9	21.75/552.5	84/318.0	SMC EXT	95/43.1
24 x 72	4"T	150/10.34	74.66/1896.3	70.60/1793.2	24.25/616.0	118/446.7	SMC	109/49.4
24 x 72	4"TB	150/10.34	80.42/2042.7	70.30/1785.6	24.60/624.8	119/450.5	SMC EXT	124/56.2
24 x 72	6"TB	150/10.34	88.50/2247.9	74.50/1892.3	24.20/614.7	119/450.5	TRIPOD	137/62.1
30 x 60	6"TF	150/10.34	71.63/1819.4	64.34/1634.2	30.20/767.0	151/571.6	SMC EXT	185/83.9
30 x 60	6"TB	150/10.34	82.50/2095.5	68.50/1739.9	30.20/767.0	151/571.6	TRIPOD	185/83.9
30 x 72	4"TB	150/10.34	78.90/2004.1	70.40/1788.2	30.07/763.8	187/707.9	SMC EXT	198/89.8
30 x 72	6"TB	150/10.34	88.90/2258.1	74.90/1902.5	30.20/767.1	187/707.9	TRIPOD	211/95.7
36 x 72	4"TB	150/10.34	80.50/2004.7	70.50/1790.7	36.00/914.4	264/999.3	SMC EXT	285/129.3
36 x 72	6"TB	150/10.34	90.39/2295.9	76.14/1933.9	36.12/917.4	264/999.3	TRIPOD	285/129.3
42 x 72	6"TF	150/10.34	72.52/1842.0	71.14/1807.0	42.25/1073.2	345/1306.0	SMC LOW	370/168.0
42 x 72	6"TB	150/10.34	90.12/2289.0	73.00/1854.2	42.25/1073.2	345/1306.0	TRIPOD	400/181.0
48 x 72	6"TF	150/10.34	81.54/2071.2	75.16/1909.1	48.25/1225.6	463/1753.0	SMC LOW	494/224.0
48 x 72	6"TB	150/10.34	92.90/2359.7	76.90/1953.3	48.25/1225.6	463/1753.0	TRIPOD	494/224.0
63 x 67	6"TB	150/10.34	81.41/2067.8	67.10/1704.3	64.00/1625.7	600/2271.0	TRIPOD	680/308.0
63 x 67	16" TMY, 6"BF	150/10.34	82.24/2088.9	67.80/1722.1	64.00/1625.7	600/2271.0	TRIPOD	680/308.0
63 x 86	6"TB	150/10.34	98.54/2502.9	84.10/2136.1	64.00/1625.7	900/3407.0	TRIPOD	950/431.0
63 x 86	16" TMY, 6"BF	150/10.34	98.94/2513.1	84.50/2146.3	64.00/1625.7	900/3407.0	TRIPOD	950/431.0
63 x 116	16" TMY, 6"BF	150/10.34	130.44/3313.2	116.00/2946.4	64.00/1625.7	1250/4732.0	TRIPOD	1190/540.0
63 x 144	16" TMY, 6"BF	150/10.34	160.18/4068.6	145.50/3695.7	64.50/1638.3	1600/6057.0	TRIPOD	1398/634.0

¹ Height Tolerance is +/- 1.00in/ 25.4 mm

² Diameter Tolerance is +/- .50in/ 12.7 mm

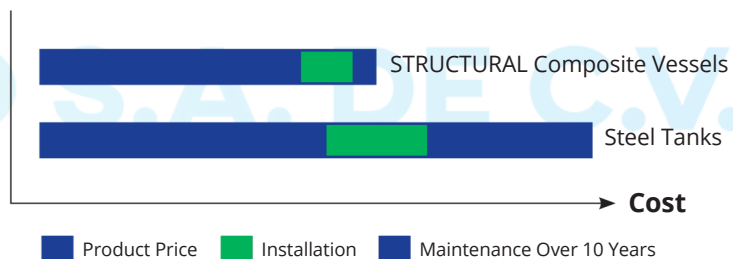
³ Product Weight - Contact customer service for shipping weight

Note: ASME Code available on flanged tanks 18" to 48" in diameter

COMPOSITE VESSEL BENEFITS OVER STEEL TANKS

Steel Tanks	STRUCTURAL Composite Vessels
Very heavy and difficult to handle thus involves higher labor cost to install	60% lighter than steel and easier to handle thus lower installation costs
Corrode and rust over a period of time	Corrosion-resistant both inside and out
Lining has to be periodically treated	Low maintenance
Painting and coating have to be undertaken regularly	Natural fiberglass shell never fades or changes color; colored shells recommended for UV protection

COMPOSITE VESSELS: LOWER TOTAL OPERATION COSTS VERSUS STEEL TANKS



STRUCTURAL
Pentair Water

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Printed in U.S.A. NO07 Part No. 42575



24" and 30" Commercial/Industrial Blow Molded Brine Tanks



30x50 Black Brine Tank



24x50 Black Brine Tank

Clack now offers both 24" and 30" round blow molded brine tanks. The introduction of the 30" diameter tank makes it the largest blow molded brine tank for commercial/industrial applications. Like the 24" round tank, the 30" tank is molded of high density polyethylene for exceptional stress and crack resistant properties. These tanks are ideal for industrial and commercial use and the 30" tank feature heavy wall thickness for increased durability. Injection molded grids are available for both 24" and 30" tanks and use $1\frac{1}{2}$ " schedule 40 PVC pipe for leg supports. The legs can be cut to any length for easy grid height adjustment. A precut leg kit for the 24" grid is also available, giving it an overall grid height of $10\frac{1}{4}$ ".

ORDER NUMBER	DESCRIPTION	LIQUID CAPACITY	SALT CAPACITY	HEIGHT W/LID	DIAMETER	SHIPPING WEIGHT	CARTON SIZE	UNITS PER CARTON
G22441CB1C00	24 x 41 Black Brine Tank	80 gal./ 303 liters	700 lbs./ 318 Kg	42.5 in/ 108 cm	24.5 in./ 62 cm	23.5 lbs./ 10.7 Kg	15 ft.3	1
G22450CB1C00	24 x 50 Black Brine Tank	100 gal./ 378 liters	900 lbs./ 408 Kg	51.5 in/ 131 cm	24.5 in./ 62 cm	27.25 lbs./ 12.4 Kg	18 ft.3	1
G23050CB1C00	30 x 50 Black Brine Tank	150 gal./ 579 liters	1400 lbs./ 640 Kg	52.5 in/ 133 cm	31 in./ 79 cm	49 lbs./ 22.3 Kg	30 ft.3	1



Plastic Brine Grid with PVC Legs

ACCESSORY INFORMATION

ORDER NUMBER	DESCRIPTION	QUANTITY/CARTON
H1080	24" Plastic Brine Grid (2 plates/set)	5 Sets
H1032	30" Plastic Brine Grid (2 plates/set)	3 Sets
H1089	PVC Grid Legs for 24" Grid (7/set)	5 Sets