



Wave Cyber Pressure Tank



Features

- Pressure tanks are made of high performance Composite material with FRP filament winding.
- All pressure tanks, residential and commercial, are made by a complete seamless molding technology.
- All thread inlet made from 30 % glass filled PP provides higher strength, temperature and pressure limits versus glass filled PE.
- Liner wall thickness available from 0.15" (3.0mm) to 0.3" (7.6mm) corresponding to the tank diameter.
- Full choice of pressure tank from 6" to 48" in diameter and from 10" to 72" in height.
- Top opening type available for 6" through 36" diameter pressure tanks; top and bottom opening type available for 18" through 48" diameter pressure tanks.
- Reinforced composites are one third the weight of steel tanks.
- All pressure tanks are 100% corrosion resistant.

Operating Condition

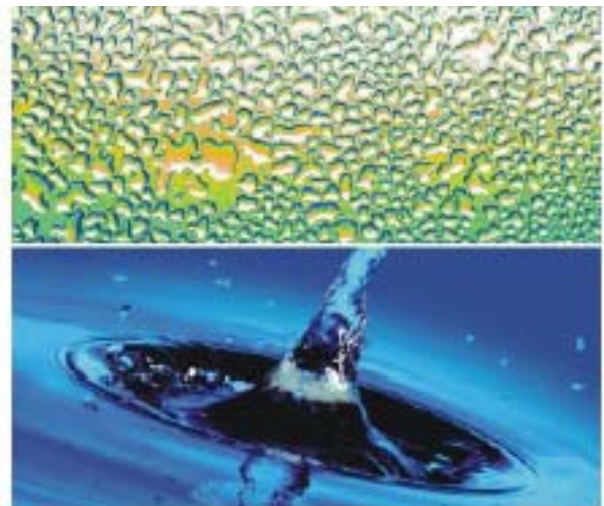
Operating Pressure 150 psi (10.5 bars)
 Operating Temperature 120°F (49°C),
 150°F (65°C) for flange tanks

Test

250,000 times of cycle test from 10 psi to 150 psi withstanding pressure.
 Burst test to four times its operating pressure.

Certification

Wave Cyber pressure tanks are NSF and PED certified.



No Better Choice Than This.....

Dome-hole pressure tanks

- Dome-hole tanks are available in tank diameter 10", 12" and 13".
- The dome-hole tank equipped with 1.25" opening on the dome top of the tank. Tank adapter made by injection molding with GE Noryl plastic.
- The advantage of the dome-hole tank provides the fastest and most convenience way of solution for media replacement without detaching any plumbing and valve.
- Different positions of the dome-hole are available for multi-port valves from different manufacturers.

Choice of Color

- Wave cyber provides wide ranges of color pressure tank selection such as Natural (standard), Black, Blue, Almond, Brown and Grey.
- Other custom color is available on request.

Accessories

Wave Cyber supplies adapters, reducers and closures for both 4" thread and 6" flange tank

Flange Tank

- Wave Cyber manufactures flange tank from 18" to 48".
- The flange is made from a strong solid anodized Aluminum casting. It provides excellent strength, durability and leak free.
- The flanged tank is available in 6" flange top opening with standard base or both 6" flange top/bottom openings with tripod base.
- Wave Cyber pressure tanks are made up of high performance composite material with fiber glass filament wound high strength polyethylene liner.
- Wave Cyber flange tanks are NSF and PED certified

High Quality Liner

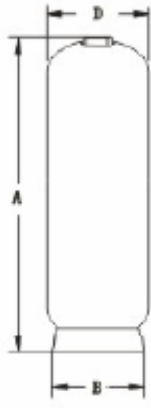
- Wave Cyber pressure tank liner made from high quality imported Polyethylene resin from Dow Chemical.
- Liner wall thickness available from 0.15" (3.0mm) to 0.3" (7.6mm) corresponding to the tank diameter. Standard liners are natural color.
- Wave Cyber also produces a special colored liner which is completely opaque to sunlight pass through and provides solution to Algae and micro-organism growth in side the tank due to hot and humid weather in most of the tropical and Middle-East Countries.
-

Wave Cyber Pressure Vessel Specification

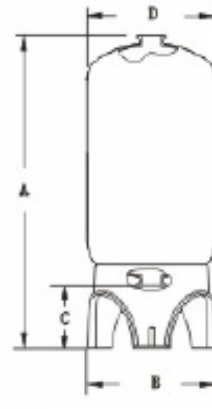
Tank Size	Volume		Weight (lb)	Opening			Base	Dimensions (inch)			
	L	Cu. ft.	Empty	Dome-hole	Top	Bottom		A	B	C	D
6 x 10	3.30	0.12	2.77	N/A	2.5"-NPSM	N/A	Standard	10.10	6.50	N/A	6.10
6 x 12	3.90	0.14	3.12	N/A	2.5"-NPSM	N/A	Standard	12.07	6.50	N/A	6.10
6 x 13	4.30	0.15	3.28	N/A	2.5"-NPSM	N/A	Standard	13.07	6.50	N/A	6.10
6 x 17	6.30	0.22	3.96	N/A	2.5"-NPSM	N/A	Standard	17.09	6.50	N/A	6.10
6 x 18	6.70	0.24	4.14	N/A	2.5"-NPSM	N/A	Standard	18.07	6.50	N/A	6.10
6 x 29	11.40	0.40	6.01	N/A	2.5"-NPSM	N/A	Standard	29.09	6.50	N/A	6.10
6 x 35	13.70	0.48	7.04	N/A	2.5"-NPSM	N/A	Standard	35.08	6.50	N/A	6.10
7 x 13	5.80	0.20	2.29	N/A	2.5"-NPSM	N/A	Standard	13.15	7.44	N/A	7.17
7 x 17	8.30	0.29	4.29	N/A	2.5"-NPSM	N/A	Standard	16.93	7.44	N/A	7.17
7 x 19	9.60	0.34	4.62	N/A	2.5"-NPSM	N/A	Standard	19.21	7.44	N/A	7.17
7 x 24	12.60	0.45	5.39	N/A	2.5"-NPSM	N/A	Standard	24.41	7.44	N/A	7.17
7 x 30	16.20	0.57	6.51	N/A	2.5"-NPSM	N/A	Standard	30.08	7.44	N/A	7.17
7 x 35	19.10	0.67	7.48	N/A	2.5"-NPSM	N/A	Standard	35.35	7.44	N/A	7.17
7 x 40	22.00	0.78	8.36	N/A	2.5"-NPSM	N/A	Standard	40.07	7.44	N/A	7.17
7 x 44	24.30	0.86	8.91	N/A	2.5"-NPSM	N/A	Standard	44.45	7.44	N/A	7.17
8 x 13	7.70	0.27	3.63	N/A	2.5"-NPSM	N/A	Standard	13.19	8.43	N/A	8.15
8 x 17	11.00	0.39	4.40	N/A	2.5"-NPSM	N/A	Standard	17.01	8.43	N/A	8.15
8 x 18	12.50	0.44	4.80	N/A	2.5"-NPSM	N/A	Standard	18.07	8.43	N/A	8.15
8 x 24	16.60	0.59	6.34	N/A	2.5"-NPSM	N/A	Standard	24.09	8.43	N/A	8.15
8 x 30	21.40	0.76	7.94	N/A	2.5"-NPSM	N/A	Standard	30.00	8.43	N/A	8.15
8 x 35	24.80	0.88	9.90	N/A	2.5"-NPSM	N/A	Standard	35.35	8.43	N/A	8.15
8 x 40	29.10	1.03	9.97	N/A	2.5"-NPSM	N/A	Standard	40.07	8.43	N/A	8.15
8 x 44	32.10	1.13	10.56	N/A	2.5"-NPSM	N/A	Standard	44.45	8.43	N/A	8.15
9 x 17	13.70	0.48	4.95	N/A	2.5"-NPSM	N/A	Standard	16.96	9.45	N/A	9.17
9 x 18	14.70	0.48	4.93	N/A	2.5"-NPSM	N/A	Standard	18.07	9.45	N/A	9.17
9 x 35	31.60	1.12	9.24	N/A	2.5"-NPSM	N/A	Standard	35.35	9.45	N/A	9.17
9 x 40	36.30	1.28	10.65	N/A	2.5"-NPSM	N/A	Standard	40.07	9.45	N/A	9.17
9 x 42	38.20	1.35	11.11	N/A	2.5"-NPSM	N/A	Standard	42.28	9.45	N/A	9.17
9 x 48	44.60	1.58	13.31	N/A	2.5"-NPSM	N/A	Standard	48.35	9.45	N/A	9.17
10 x 16	15.60	0.55	6.40	N/A	2.5"-NPSM	N/A	Standard	16.14	10.39	N/A	10.16
10 x 17	16.80	0.59	6.60	N/A	2.5"-NPSM	N/A	Standard	17.17	10.39	N/A	10.16
10 x 18	18.00	0.64	6.97	N/A	2.5"-NPSM	N/A	Standard	18.15	10.39	N/A	10.16
10 x 19	19.20	0.68	7.26	N/A	2.5"-NPSM	N/A	Standard	19.17	10.39	N/A	10.16
10 x 30	32.40	1.14	9.88	N/A	2.5"-NPSM	N/A	Standard	30.00	10.39	N/A	10.16
10 x 35	38.40	1.36	11.22	N/A	2.5"-NPSM	N/A	Standard	35.31	10.39	N/A	10.16
10 x 40	44.90	1.59	12.89	N/A	2.5"-NPSM	N/A	Standard	40.15	10.39	N/A	10.16
10 x 44	50.10	1.77	14.41	N/A	2.5"-NPSM	N/A	Standard	44.33	10.39	N/A	10.16
10 x 47	54.00	1.90	15.29	N/A	2.5"-NPSM	N/A	Standard	46.85	10.39	N/A	10.16
			19.69	1-1/4"-1-1/2"NPSM	2.5"-NPSM		Standard	47.24		N/A	
10 x 54	62.40	2.20	17.38	N/A	2.5"-NPSM	N/A	Standard	54.57	10.39	N/A	10.16
			21.23	1-1/4"-1-1/2"NPSM	2.5"-NPSM		Standard			N/A	
12 x 48	79.50	2.89	18.48	N/A	2.5"-NPSM	N/A	Standard	48.50	12.24	N/A	12.20
			26.62	1-1/4"-1-1/2"NPSM	2.5"-NPSM		Standard			N/A	
12 x 52	87.30	3.08	19.69	N/A	2.5"-NPSM	N/A	Standard	52.68	12.24	N/A	12.20
			28.05	1-1/4"-1-1/2"NPSM	2.5"-NPSM		Standard			N/A	
13 x 44	84.80	3.00	18.48	N/A	2.5"-NPSM	N/A	Standard	45.08	13.31	N/A	13.31
			25.96	1-1/4"-1-1/2"NPSM	2.5"-NPSM					N/A	13.31
13 x 44	84.80	3.00	18.48	N/A	4.0"-8UN	N/A	Standard	44.88	13.31	N/A	13.31
13 x 54	105.70	3.73	23.76	N/A	2.5"-NPSM	N/A	Standard	55.03	13.31	N/A	13.31
			30.49	1-1/4"-1-1/2"NPSM	2.5"-NPSM			55.11		13.31	
13 x 54	105.70	3.73	23.76	N/A	4.0"-8UN	N/A	Standard	54.84	338	N/A	13.31
14 x 52	115.00	4.06	27.39	N/A	2.5"-NPSM	N/A	Standard	52.91	14.37	N/A	14.29
			27.61		4.0"-8UN			52.76			
14 x 65	148.00	5.23	32.56	N/A	2.5"-NPSM	N/A	Standard	65.91	14.37	N/A	14.29
					4.0"-8UN			65.91			
16 x 52	153.00	5.41	34.43	N/A	2.5"-NPSM	N/A	Standard	52.79	16.38	N/A	16.26
					34.65						
16 x 65	194.00	6.86	141.03	N/A	2.5"-NPSM	N/A	Standard	65.79	16.38	N/A	16.26
					4.0"-8UN			65.79			



**6" - 16"
Standard Base**



**18" - 36"
Standard Base**



**18" - 48"
Tripod Base**

Wave Cyber Pressure Vessel Specification

Tank Size	Volume		Weight (lb) Empty	Opening			Base	Dimensions (inches)			
	L	Cu. ft.		Dome-hole	Top	Bottom		A	B	C	D
18 x 36	138.00	4.87	47.08	N/A	4"-8UN	N/A	Standard	39.37	18.03	N/A	19.13
18 x 53	211.00	7.45	66.00	N/A	4"-8UN	N/A	Standard	56.38	18.03	N/A	19.13
18 x 65	257	9.08	78.98	N/A	4"-8UN	N/A	Standard	67.80	18.03	N/A	19.13
			82.61	N/A	4"-8UN	4"-8UN	Tripod	79.80	18.03	13.66	19.13
	261	9.22	88.00	N/A	6"-FLG	N/A	Standard	69.92	18.03	N/A	19.13
			104.72	N/A	6"-FLG	6"-FLG	Tripod	81.85	18.03	11.50	19.13
21 x 36	164.00	5.79	55.22	N/A	4"-8UN	N/A	Standard	39.45	20.55	N/A	21.65
21 x 53	253.00	8.94	77.66	N/A	4"-8UN	N/A	Standard	56.45	20.55	N/A	21.65
21 x 62	330.00	11.66	90.42	N/A	4"-8UN	N/A	Standard	67.76	20.55	N/A	21.65
			106.81		4"-8UN	4"-8UN	Tripod	81.26	20.55	15.51	21.65
			103.40		6"-FLG	N/A	Standard	70.20	20.55	N/A	21.61
			122.32		6"-FLG	6"-FLG	Tripod	83.78	20.55	13.35	21.61
24 x 72	473.00	16.71	112.20	N/A	4"-8UN	N/A	Standard	75.39	23.62	N/A	24.65
			121.00		4"-8UN	N/A	Tripod	85.35	23.62	11.81	24.65
	491.00	17.35	124.30		6"-FLG	N/A	Standard	77.83	23.62	N/A	24.57
			142.12		6"-FLG	6"-FLG	Tripod	87.64	36.14	9.65	24.57
30 x 72	697.00	24.63	188.54	N/A	4"-8UN	N/A	Standard	72.28	30.51	N/A	30.71
			198.55		4"-8UN	N/A	Tripod	84.21	30.31	13.19	30.71
	674.00	23.82	197.12		6"-FLG	N/A	Standard	74.61	30.51	N/A	30.67
			1220.22		6"-FLG	6"-FLG	Tripod	86.57	30.31	11.02	30.67
36 x 72	1011.00	35.72	254.10	N/A	4"-8UN	N/A	Standard	73.07	36.61	N/A	36.93
			270.60		4"-8UN	4"-8UN	Tripod	84.53	36.69	13.46	36.93
	970.00	34.28	257.40		6"-FLG	N/A	Standard	75.55	36.61	N/A	36.65
			291.72		6"-FLG	6"-FLG	Tripod	87.28	36.69	1.30	36.65
42 x 72	1308.00	46.20	374.00	N/A	6"-FLG	6"-FLG	Tripod	87.56	40.87	11.34	42.28
48 x 72	1675.00	59.17	462.00	N/A	6"-FLG	6"-FLG	Tripod	87.60	46.14	11.61	48.30