



Our hollow blow molding machine can manufacture products with capacity under 250L.

## General Introduction

Beijing Pentair Environmental Protection Equipment Co.,Ltd is a high-and-new-technological company specialized in manufacturing water treatment equipment,with eight domestic subsidiaries,one professional service company and one overseas office.

We focus on manufacturing water softeners, filters and FRP tanks. Meanwhile, we deal in dozens of other water treatment products.

As of 1999, 6 patents bearing vital significance have been developed. In 2000, we acquired ISO9001/IQ Net Authentication Certificate. In 2006, we upgraded the FRP tank production line. Now, we enjoy the annual production capacity of 300,000 tanks, the quality of which has come up to the international advanced level.

Full-fledged marketing service network, composed of over 500 regional agents and dealers, covers nearly all areas in China apart from Tibet Autonomous Region and Taiwan province. While expanding domestic market, we have committed ourselves to international exchanges and cooperation. Our products have been branched out into Middle East, Russia, Southeast Asia, Europe, etc. The brand of Jieming has been recognized across the globe.



## Continuous Development High Quality Products with Competitive Edge in World Market

With 10 years' research and manufacturing, the quality of our FRP tanks is greatly improved. In 2006, RMB 15 million yuan was invested in upgrading the FRP tank production line. Our annual production capacity has been increased from 20,000 tanks at the very beginning to today's 300,000 tanks. The inner liner material has gone through three leaps: from handmade FRP to polyethylene, and then to ABS blow molding liner. The quality of our tanks has come up to the international advanced level.

## Structure and Material

Formed by winding fiber glasses with high performance resin, ABS liner, FRP liner, fully satisfy customers expectation.

## Features

Corrosion resistance, High strength, Easy transportation, Convenient installation.

## Operation Condition

Operational pressure: Maximum 150 psi (10 bar)  
Operational temperature: 1- 49°C ,  
Maximum vacuum: 5" Hg (127mm Hg)  
Not be exposed to temperature below -27°C

## Application Field

Feed water and waste water treatment in all industrial, commercial as well as residential fields.

## Quality Guarantee

Authenticated by China Economic and Trade Committee.  
**Three years warranty:** Failures in normal use due to products defect, can be replaced free of charge within three years from the date of manufacturing.



## FRP Liner (FRP Tank Diameter from 20 inch to 72 inch)

No.	SIZE (inch)	SIZE (mm)	CAPACITY(L)	OPENING (inch)		LA (mm)	LB (mm)	LC (mm)	X (mm)	O.D (mm)
				TOP	BOTTOM					
1	20X69	φ 500X1750	305	4" —8UN	4" —8UN	1750	1720	1685	1360	510
2	20X69	φ 500X1750	277	4" —8UN	4" —8UN	1750	1580	1545	1220	510
3	24X72	φ 600X1850	441	4" —8UN	4" —8UN	1850	1750	1715	1330	612
4	24X72	φ 600X1850	421	4" —8UN	4" —8UN	1850	1680	1645	1260	612
5	24X77	φ 600X1950	469	4" —8UN	4" —8UN	1950	1850	1815	1430	612
6	24X87	φ 600X2200	520	4" —8UN	6" —8UN	2200	2030	1995	1610	612
7	30X72	φ 750X1850	676	6" —8UN	4" —8UN	1850	1750	1715	1240	765
8	30X72	φ 750X1850	640	4" —8UN	4" —8UN	1850	1670	1635	1160	765
9	30X77	φ 750X1950	720	6" —8UN	4" —8UN	1950	1850	1815	1340	765
10	30X87	φ 750X2200	790	4" —8UN	6" —8UN	2200	2010	1975	1500	765
11	36X72	φ 900X1850	857	4" —8UN	4" —8UN	1850	1600	1554	1000	918
12	36X94	φ 900X2400	1207	6" —8UN	4" —8UN	2400	2150	2104	1550	918
13	36X94	φ 900X2400	1093	FLANGE	FLANGE	2400	2150	2044	1370	918
14	40X72	φ 1000X1850	1046	4" —8UN	4" —8UN	1850	1605	1559	945	1020
15	40X94	φ 1000X2400	1478	6" —8UN	4" —8UN	2400	2155	2109	1495	1020
16	40X94	φ 1000X2400	1332	FLANGE	FLANGE	2400	2150	2044	1310	1020
17	48X72	φ 1200X1850	1202	FLANGE	FLANGE	1850	1558	1451	595	1224
18	48X94	φ 1200X2400	1824	FLANGE	FLANGE	2400	2108	2001	1145	1224
19	60X83	φ 1500X2100	2158	FLANGE	FLANGE	2100	1780	1670	630	1530
20	60X94	φ 1500X2400	2688	FLANGE	FLANGE	2400	2080	1970	930	1530
21	72X94	φ 1800X2400	3561	FLANGE	FLANGE	2400	2020	1908	700	1836

Note: Height tolerance is less than 0.5" for the FRP tank which diameter more than 20" . No. 27、29、31、33、35 are conform base

## ABS Liner with Epoxy Resin Winding (FRP Tank Diameter from 7 inch to 18 inch)

No.	SIZE (inch)	SIZE (mm)	CAPACITY(L)	OPENING (inch)		LA (mm)	LB (mm)	LC (mm)	X (mm)	O.D (mm)
				TOP	BOTTOM					
1	7X13	φ 180X335	6.3	2.5" NPSM	2.5" NPSM	334	320	304	198	181
2	7X17	φ 180X430	8.6	2.5" NPSM	2.5" NPSM	428	414	398	292	181
3	7X35	φ 180X905	20.1	2.5" NPSM	2.5" NPSM	904	890	874	768	181
4	7X44	φ 180X1130	25.6	2.5" NPSM	2.5" NPSM	1132	1118	1102	996	181
5	8X13	φ 205X335	7.9	2.5" NPSM	2.5" NPSM	335	321	305	181	206
6	8X17	φ 205X445	11.3	2.5" NPSM	2.5" NPSM	446	432	416	292	206
7	8X35	φ 205X905	24.0	2.5" NPSM	2.5" NPSM	905	891	875	751	206
8	8X44	φ 205X1130	32.5	2.5" NPSM	2.5" NPSM	1131	1117	1101	977	206
9	9X17	φ 230X430	13.3	2.5" NPSM	2.5" NPSM	427	413	397	258	232
10	9X35	φ 230X905	32.0	2.5" NPSM	2.5" NPSM	905	891	875	734	232
11	9X42	φ 230X1085	39.0	2.5" NPSM	2.5" NPSM	1085	1071	1055	914	232
12	9X48	φ 230X1230	44.7	2.5" NPSM	2.5" NPSM	1232	1218	1202	1061	232
13	10X17	φ 255X445	17.8	2.5" NPSM	2.5" NPSM	447	433	417	259	257
14	10X35	φ 255X905	38.6	2.5" NPSM	2.5" NPSM	903	889	873	715	257
15	10X44	φ 255X1130	49.5	2.5" NPSM	2.5" NPSM	1130	1116	1100	942	257
16	10X54	φ 255X1390	61.9	2.5" NPSM	2.5" NPSM	1390	1376	1360	1202	257
17	12X48	φ 300X1235	77.3	2.5" NPSM	2.5" NPSM	1233	1223	1203	1010	305
18	12X52	φ 300X1340	84.8	2.5" NPSM	2.5" NPSM	1342	1332	1312	1115	305
19	12X65	φ 300X1650	106.3	2.5" NPSM	2.5" NPSM	1650	1640	1620	1425	305
20	13X44	φ 330X1140	82.9	2.5" NPSM	2.5" NPSM	1142	1132	1112	900	334
21	13X54	φ 330X1400	103.6	2.5" NPSM	2.5" NPSM	1400	1390	1370	1155	334
22	14X65	φ 355X1670	145.6	2.5" NPSM	2.5" NPSM	1671	1661	1641	1410	360
23	14X65	φ 355X1670	145.6	4" —8UN	4" —8UN	1670	1661	1641	1410	360
24	16X65	φ 400X1670	187.7	2.5" NPSM	2.5" NPSM	1672	1662	1642	1380	410
25	16X65	φ 400X1670	187.7	4" —8UN	4" —8UN	1671	1662	1642	1380	410
26	18X65	φ 450X1670	237.0	4" —8UN	4" —8UN	1670	1640	1612	1310	465

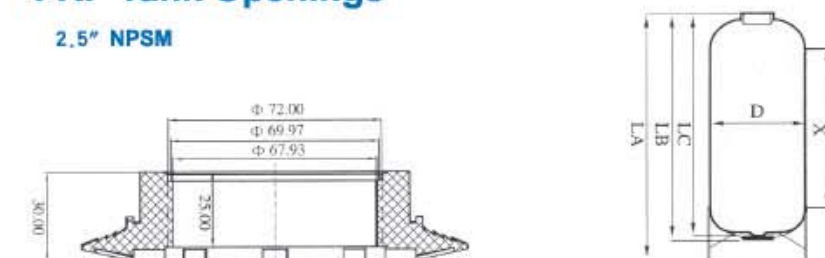
Note: Height tolerance is less than 0.25" for the FRP tank which diameter less than 18"

Above pressure vessel has been tested and certified by WQA according to NSF/ANSI 44 for materials safety and structural integrity requirements only

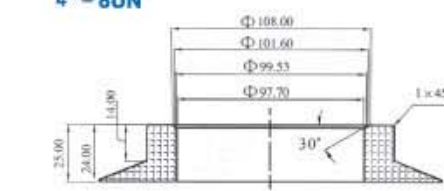


## FRP Tank Openings

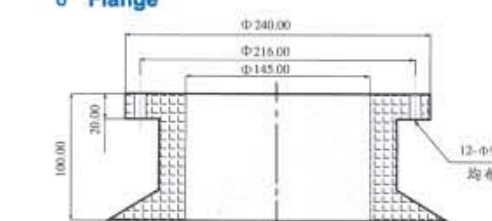
### 2.5" NPSM



### 4" —8UN



### 6" Flange



### 6" —8UN

