



Water Treatment Pressure Vessels



NOYI Environmental Equipment Manufacturing (Beijing) Co. Ltd.

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Water

Treatment

Pressure

Vessels

We Manufacture Tanks ONLY

NOYI Environmental Equipment Manufacturing (Beijing) Co. Ltd. was established on September 21, 2011, located in Yukou Industrial Zone in Pinggu District in Beijing, China. The factory covers an area of 46,000 square meters, including structure area of 30,000 square meters. Total area of workshop and warehouse is 23,000 square meters.

As a professional manufacturer of fiberglass pressure tanks with R&D capability and after-service, NOYI is capable of manufacturing 500,000 tanks per year, with diameter ranging from 6 to 63 inch. A million tanks capacity is expandable.

The manufacturing system is designed and managed by a European expert of fiberglass tank manufacturing with over 30 years' experience in the water industry. With international standards of manufacturing management and advanced equipment, NOYI tanks are designed and manufactured to the European Pressure Equipment Directive (PED) and comply with NSF/ANSI44 as well.

The sales team is led by a senior expert who has over 20 years' experience in managing international sales and marketing as well as knowledge of how to meet customer's requests and expectations.

With the current product range, NOYI tanks can be used in a wide variety of industries including water treatment, petrol, chemicals, electronics, pharmaceutical, food and beverage, and brewing.

Dedicated to manufacturing first-class high quality pressure tanks, with the pursuit of excellence and customer satisfaction, NOYI is looking forward to working with customers from all over the world.

Applications

Filtration
Softening
Storage
Ion exchange

Operating Specifications

Maximum operating pressure: 150psi/10bar
Maximum operating temperature: 120°F/50°C

Materials Used

All construction materials that are in contact with water are food grade materials

Inner shell: seamless polyethylene

Outer shell: consists of premium fiberglass embedded in epoxy resin

Threaded inlets from glass reinforced thermoplastic material

Flanges are made from pressure cast aluminum

Bases for domestic vessels: impact-resistant polypropylene

Bases for industrial vessels: FRP laminate material



Advanced Engineering and Manufacturing



Processes Used for Manufacturing

CNC controlled blow molding
CNC controlled injection molding
CNC controlled filament winding
Rotational molding
Die casting



Quality Assurance

Designed to PED (EN 13923)
Random selected vessels are permanently subjected to leak test to verify its performance
Random selected vessels are permanently subjected to burst test to verify design parameters
Random selected vessels are permanently subjected to fatigue test to verify design parameters



Warranty

6"-13"residential vessels 10years
14"-63"commercial and industrial vessels 5years



Why Customers Specify NOYI

High quality products with certification to above quality Assurance standards
Trusted performance
Unparalleled service
Rapid delivery

NSF Product 6"--63"



Listing Category Search Page | NSF International

6x13, 2.5" -8NPSM
6x17, 2.5" -8NPSM
6x18, 2.5" -8NPSM
6x29, 2.5" -8NPSM
6x35, 2.5" -8NPSM
7x13, 2.5" -8NPSM
7x17, 2.5" -8NPSM
7x19, 2.5" -8NPSM
7x24, 2.5" -8NPSM
7x30, 2.5" -8NPSM
7x35, 2.5" -8NPSM
7x40, 2.5" -8NPSM
7x44, 2.5" -8NPSM
8x13, 2.5" -8NPSM
8x17, 2.5" -8NPSM
8x18, 2.5" -8NPSM
8x24, 2.5" -8NPSM
8x30, 2.5" -8NPSM
8x35, 2.5" -8NPSM
8x40, 2.5" -8NPSM
8x44, 2.5" -8NPSM
9x17, 2.5" -8NPSM
9x18, 2.5" -8NPSM

9x24, 2.5" -8NPSM
9x30, 2.5" -8NPSM
9x35, 2.5" -8NPSM
9x40, 2.5" -8NPSM
9x42, 2.5" -8NPSM
9x48, 2.5" -8NPSM
10x13, 2.5" -8NPSM
10x16, 2.5" -8NPSM
10x17, 2.5" -8NPSM
10x18, 2.5" -8NPSM
10x19, 2.5" -8NPSM
10x22, 2.5" -8NPSM
10x24, 2.5" -8NPSM
10x30, 2.5" -8NPSM
10x35, 2.5" -8NPSM
10x40, 2.5" -8NPSM
10x44, 2.5" -8NPSM
10x47, 2.6" -8NPSM
10x54, 2.5" -8NPSM
12x36, 2.5" -8NPSM
12x42, 2.5" -8NPSM
12x48, 2.5" -8NPSM
12x52, 2.5" -8NPSM

13x44, 2.5" -8NPSM
13x44, 4" -8UN
13x54, 2.5" -8NPSM
13x54, 4" -8UN
14x47, 2.5" -8NPSM
14x47, 4" -8UN
14x52, 2.5" -8NPSM
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14x65, 2.5" -8NPSM
14x65, 4" -8UN
16x28, 2.5" -8NPSM
16x28, 4" -8UN
16x52, 2.5" -8NPSM
16x52, 2.5" -8NPSM x 4" -8UN
16x52, 2.5" x 2.5" -8NPSM
16x52, 4" -8UN
16x65, 2.5" -8NPSM
16x65, 2.5" -8NPSM x 4" -8UN
16x65, 2.5" x 2.5" -8NPSM
16x65, 4" -8UN
16x65, 4" x 4" -8UN
18x36, 4" -8UN
18x53, 4" -8UN

18x65, 4" -8UN
18x65, 4" x 4" -8UN
21x36, 4" -8UN
21x53, 4" -8UN
21x62, 4" -8UN
21x62, 4" x 4" -8UN
24x65, 4" -8UN
24x65, 4" x 4" -8UN
24x72, 4" -8UN
24x72, 4" x 4" -8UN
30x72, 4" -8UN
30x72, 4" x 4" -8UN
36x57, 6" FLG
36x57, 6" x 6" FLG
36x72, 4" -8UN
36x72, 4" x 4" -8UN
36x72, 6" FLG
36x72, 6" x 6" FLG
42x63, 6" x 6" FLG
42x66, 6" x 6" FLG
42x72, 6" x 6" FLG
48x72, 6" x 6" FLG
63x67, 6" x 6" FLG
63x86, 6" x 6" FLG

Product Specifications

NO.	Size(Inches)	Opening		Volume		Dimensions			
		Top	Bottom	Liter	Gallon	A(mm)	B(mm)	C(mm)	D(mm)
1	6 x 13	2.5"	/	4.6	1.2	337	Φ165		Φ155
2	6 x 17	2.5"	/	6.6	1.7	435	Φ165		Φ155
3	6 x 35	2.5"	/	13.7	3.6	918	Φ165		Φ155
4	7 x 13	2.5"	/	6.3	1.7	335	Φ197		Φ182
5	7 x 17	2.5"	/	8.6	2.3	438	Φ197		Φ182
6	7 x 35	2.5"	/	20.1	5.3	895	Φ197		Φ182
7	7 x 44	2.5"	/	25.6	6.8	1125	Φ197		Φ182
8	8 x 13	2.5"	/	8.5	2.2	335	Φ216		Φ210
9	8 x 17	2.5"	/	10.9	2.9	435	Φ216		Φ210
10	8 x 35	2.5"	/	25	6.6	890	Φ216		Φ210
11	8 x 44	2.5"	/	32.1	8.5	1115	Φ216		Φ210
12	9 x 17	2.5"	/	13.8	3.7	440	Φ240		Φ232
13	9 x 35	2.5"	/	32.1	8.5	900	Φ240		Φ232
14	9 x 42	2.5"	/	38.4	10.2	1075	Φ240		Φ232
15	9 x 48	2.5"	/	44.4	11.7	1225	Φ240		Φ232
16	10 x 17	2.5"	/	16.7	4.4	440	Φ269		Φ260
17	10 x 35	2.5"	/	39.4	10.4	890	Φ269		Φ260
18	10 x 44	2.5"	/	51.2	13.5	1130	Φ269		Φ260
19	10 x 54	2.5"	/	63.3	16.7	1385	Φ269		Φ260
20	12 x 48	2.5"	/	89	23.5	1230	Φ318		Φ310
21	12 x 52	2.5"	/	97	25.7	1330	Φ318		Φ310
22	13 x 44	2.5"	/	86.8	23.0	1125	Φ343		Φ336
23	13 x 54	2.5"	/	105.3	27.9	1380	Φ343		Φ336
24	13 x 54	4"-8UN	/	105.3	27.9	1380	Φ343		Φ336
25	14 x 52	2.5"	/	115.7	30.6	1340	Φ369		Φ362
26	14 x 52	4"-8UN	/	115.7	30.6	1340	Φ369		Φ362
27	14 x 65	2.5"	/	148.5	39.3	1655	Φ369		Φ362
28	14 x 65	4"-8UN	/	148.5	39.3	1655	Φ369		Φ362
29	14 x 65	4"-8UN	4"-8UN	148.5	39.3	1880		225	Φ362
30	16 x 52	2.5"	/	153	40.5	1330	Φ422		Φ412
31	16 x 52	4"-8UN	/	153	40.5	1330	Φ422		Φ412
32	16 x 65	2.5"	/	192.1	50.8	1650	Φ422		Φ412
33	16 x 65	4"-8UN	/	192.1	50.8	1650	Φ422		Φ412
34	16 x 65	4"-8UN	4"-8UN	192.1	50.8	1910		225	Φ412

NO.	Size(Inches)	Opening		Volume		Dimensions			
		Top	Bottom	Liter	Gallon	A(mm)	B(mm)	C(mm)	D(mm)
35	18 x 36	4"-8UN	/	141	37.3	940	Φ451		Φ461
36	18 x 53	4"-8UN	/	216.5	57.3	1370	Φ451		Φ461
37	18 x 65	4"-8UN	/	268	70.9	1670	Φ451		Φ461
38	18 x 65	4"-8UN	4"-8UN	268	70.9	1970		330	Φ461
39	21 x 36	4"-8UN	/	180	47.6	960	Φ532		Φ543
40	21 x 53	4"-8UN	/	278	73.5	1390	Φ532		Φ543
41	21 x 62	4"-8UN	/	341	90.2	1620	Φ532		Φ543
42	21 x 62	4"-8UN	4"-8UN	341	90.2	1890		330	Φ543
43	24 x 65	4"-8UN	/	419	110.8	1730	Φ616		Φ615
44	24 x 65	4"-8UN	4"-8UN	419	110.8	2010		330	Φ615
45	24 x 72	4"-8UN	/	490	129.6	1900	Φ616		Φ615
46	24 x 72	4"-8UN	4"-8UN	490	129.6	2180		330	Φ615
47	30 x 72	4"-8UN	/	735	194.4	1870	Φ750		Φ765
48	30 x 72	4"-8UN	4"-8UN	735	194.4	2170		330	Φ765
49	30 x 72	6"-FLG	6"-FLG	735	194.4	2260		270	Φ765
50	36 x 72	4"-8UN	/	1031	272.8	1960	Φ910		Φ920
51	36 x 72	4"-8UN	4"-8UN	1031	272.8	2200		355	Φ920
52	36 x 72	6"-FLG	6"-FLG	1031	272.8	2280		295	Φ920
53	42 x 72	6"-FLG	6"-FLG	1461	386.5	2300		303	Φ1067
54	48 x 72	6"-FLG	6"-FLG	1890	500.0	2250		300	Φ1215
55	63 x 86	6"-FLG	6"-FLG	3000	792.5	2475		285	Φ1620



6"-10"
top opening



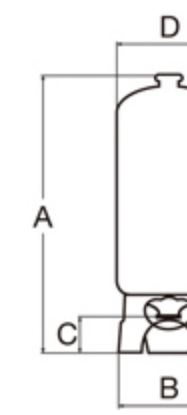
12"-16"
top opening



18"-36"
top opening



14"-36"
top and bottom
opening



36"-63"
top and bottom
opening