



Pentair



Developing continually , producing high-quality products with market competitiveness at worldwide range.

Dedicated in producing pressure tanks for decades years, the company now is capable of producing more than 200,000 pieces annually. The production technics is completely referring to that of PARK, a company belonging to Pentair, one of the leading companies in the world water treatment industry. Products performance has reached the most advanced level across the world.

FRP Pressure Tank

Structure and Material

- Continuous strands of fiberglass with high strength resin
- 21x62 tanks and below with ABS liner; 20x69 tanks and above with FRP liner

Features

- Completely rust and corrosion free
- Easy for installation
- High intensity and light weight
- Smooth surface

Operation Requirement

- Operation pressure $\leq 0.7\text{MPa}$ (100psi rated tank) or $\leq 1.0\text{MPa}$ (150psi rated tank)
- Operation temperature $\leq 49^\circ\text{C}$
- Vacuum $\leq 127\text{mmHg}$ (5"Hg)
- Operation media: water, acid, alkali and other corrosive liquid
- Storage and transportation environment: $> -27^\circ\text{C}$

Application Area

Water-supply and waste water treatment industry, light industry, chemical, electronic, petro-chemical, pharmaceutical, food processing etc.

Warranty

Three years from date of manufacture



Φ530 tank and below (with ABS liner)

NO.	Size		Volume (L)	Opening		LA(mm)	LB(mm)	LC(mm)	X(mm)	D(mm)
	(Inch)	(mm)		top	bottom					
1	7X13	φ 180X335	6.3	2.5" NPSM	\	334	320	304	198	181
2	7X17	φ 180X430	8.6	2.5" NPSM	\	428	414	398	292	181
3	7X35	φ 180X905	20.1	2.5" NPSM	\	904	890	874	768	181
4	7X44	φ 180X1130	25.6	2.5" NPSM	\	1132	1118	1102	996	181
5	8X13	φ 205X335	7.9	2.5" NPSM	\	335	321	305	181	206
6	8X17	φ 205X445	11.3	2.5" NPSM	\	446	432	416	292	206
7	8X35	φ 205X905	24.0	2.5" NPSM	\	905	891	875	751	206
8	8X44	φ 205X1130	32.5	2.5" NPSM	\	1131	1117	1101	977	206
9	9X17	φ 230X430	13.3	2.5" NPSM	\	427	413	397	256	232
10	9X35	φ 230X905	32.0	2.5" NPSM	\	905	891	875	734	232
11	9X42	φ 230X1085	39.0	2.5" NPSM	\	1085	1071	1055	914	232
12	9X48	φ 230X1230	44.7	2.5" NPSM	\	1232	1218	1202	1061	232
13	10X17	φ 255X445	17.8	2.5" NPSM	\	447	433	417	259	257
14	10X35	φ 255X905	38.6	2.5" NPSM	\	903	889	873	715	257
15	10X44	φ 255X1130	49.5	2.5" NPSM	\	1130	1116	1100	942	257
16	10X54	φ 255X1390	61.9	2.5" NPSM	\	1390	1376	1360	1202	257
17	12X48	φ 300X1235	77.3	2.5" NPSM	\	1233	1223	1203	1010	305
18	12X52	φ 300X1340	84.8	2.5" NPSM	\	1342	1332	1312	1115	305
19	12X65	φ 300X1650	106.3	2.5" NPSM	\	1650	1640	1620	1425	305
20	13X44	φ 330X1140	82.9	2.5" NPSM	\	1142	1132	1112	900	334
21	13X54	φ 330X1400	103.6	2.5" NPSM	\	1400	1390	1370	1155	334
22	14X65	φ 355X1670	145.6	2.5" NPSM	\	1671	1661	1641	1410	360
23	14X65	φ 355X1670	145.6	4" -8UN	\	1670	1661	1641	1410	360
24	16X65	φ 400X1670	187.7	2.5" NPSM	\	1672	1662	1642	1380	410
25	16X65	φ 400X1670	187.7	4" -8UN	\	1671	1662	1642	1380	410
26	18X65	φ 450X1670	237.0	4" -8UN	\	1670	1640	1612	1310	465

Φ530 tank and below with rated pressure at 150 psi has been tested and certified by WQA according to NSF/ANSI 44 Standard.



Φ500 tank and above (with FRP liner)

NO.	Size		Volume (L)	Opening		LA(mm)	LB(mm)	LC(mm)	X(mm)	D(mm)
	(Inch)	(mm)		top	bottom					
27	20X69	φ 500X1750	305	4" -8UN	\	1750	1720	1685	1360	510
28	20X69	φ 500X1750	277	4" -8UN	4" -8UN	1750	1580	1545	1220	510
29	24X72	φ 600X1850	441	4" -8UN	\	1850	1750	1715	1330	612
30	24X72	φ 600X1850	421	4" -8UN	4" -8UN	1850	1680	1645	1260	612
31	24X77	φ 600X1950	469	4" -8UN	\	1950	1850	1815	1430	612
32	24X87	φ 600X2200	520	4" -8UN	6" -8UN	2200	2030	1995	1610	612
33	30X72	φ 750X1850	676	6" -8UN	\	1850	1750	1715	1240	765
34	30X72	φ 750X1850	640	4" -8UN	4" -8UN	1850	1670	1635	1160	765
35	30X77	φ 750X1950	720	6" -8UN	\	1950	1850	1815	1340	765
36	30X87	φ 750X2200	790	4" -8UN	6" -8UN	2200	2010	1975	1500	765
37	36X72	φ 900X1850	857	4" -8UN	4" -8UN	1850	1600	1554	1000	918
38	36X94	φ 900X2400	1207	6" -8UN	\	2400	2150	2104	1550	918
39	36X94	φ 900X2400	1093	FLANGE	FLANGE	2400	2150	2044	1370	918
40	40X72	φ 1000X1850	1046	4" -8UN	4" -8UN	1850	1605	1559	945	1020
41	40X94	φ 1000X2400	1478	6" -8UN	\	2400	2155	2109	1495	1020
42	40X94	φ 1000X2400	1332	FLANGE	FLANGE	2400	2150	2044	1310	1020
43	48X72	φ 1200X1850	1202	FLANGE	FLANGE	1850	1558	1451	595	1224
44	48X94	φ 1200X2400	1824	FLANGE	FLANGE	2400	2108	2001	1145	1224
45	60X83	φ 1500X2100	2158	FLANGE	FLANGE	2100	1780	1670	630	1530
46	60X94	φ 1500X2400	2688	FLANGE	FLANGE	2400	2080	1970	930	1530
47	72X94	φ 1800X2400	3561	FLANGE	FLANGE	2400	2020	1908	700	1836

Note: No.29, 31,33,35,37 are tanks with coniform base.