71LMET®



WHERE QUALITY COMES FIRST



hydro-plus

well tanks

Zilmet has over 50 years of experience in manufacturing high quality diaphragm well tanks

- Has produced over 7.5 million tanks and over 1 million heat exchangers
- Fully vertically integrated, designing and manufacturing all diaphragms internally

Zilmet has created a compact design with a seamless diaphragm that never stretches or creases. There are no bubbles or corners to trap sediment, inhibiting bacterial growth

Stainless steel side connection allows for quicker, less expensive installation

Technical features

- Seamless NSF 61 certified low permeability butyl diaphragm never creases and channels water directly to outlet, thus eliminating bacterial growth pockets
- MIG welding eliminates interior rough spots and sharp edges
- Low profile tank design with full membrane depth eliminates stretching of diaphragm, providing increased life cycle
- All diaphagms made by Zilmet specifically for each tank's dimensions
- Powder coated finish for a longer lasting, more durable finish
- 5 year warranty on all models
- The Zilmet side connection advantages:
 - Easier and quicker installation
 - Less expensive installation
 - Less vulnerable to corrosion at connector

material description

description	material
shell	carbon steel*
connection	stainless steel*
fixed membrane	butyl**
color	almond

^{*} internally coated with powder for potable water applications

operating conditions

max. operating pressure	150 psi
operating temperature	210 °F
factory precharge	38 psi





^{**} for potable water applications

technical and dimensional data

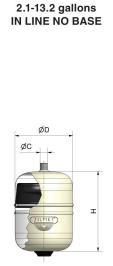
Model	Capacity	Diameter	Height	Connection Height	Connection Size	Precharge	System D	Drawdown
	gallons	inches (ØD)	inches(H)	inches(E)	NPT (ØC)	psi	30-50 gal	40-60 gal
ZHP5	2.1 (8L)	7.9	11.0		3/4"	38	0.7	0.5
ZHP12	4.8 (18L)	10.6	13.7		3/4"	38	1.6	1.2
ZHP18	6.3 (24L)	11.8	15.4		1"	38	2.1	1.7
ZHP104IL	9.2 (35L)	15.0	14.6		1"	38	3.1	2.4
ZHP200IL	13.2 (50L)	15.0	19.6		1"	38	4.4	3.4
ZHP200H	13.2 (50L)	15.0	17.2		1"	38	4.4	3.4
ZHP200F	13.2 (50L)	15.0	19.9	6.0	1"	38	4.4	3.4
ZHP202	21.1 (80L)	17.7	23.9	5.9	1"	38	7.1	5.4
ZHP202BV	21.1 (80L)	17.7	24.9	5.9	1"	38	7.1	5.4
ZHP202BH	21.1 (80L)	17.7	19.1		1"	38	7.1	5.4
ZHP202SM	21.1 (80L)	17.7	18.1		1"	38	7.1	5.4
ZHP203	27.7 (105L)	.) 19.7	26.2	6.5	1 1/4"	38	9.3	7.2
ZHP204	39.6 (150L)	.) 19.7	35.3	8.5	1 1/4"	38	13.2	10.2
ZHP250	52.8 (200L)	.) 23.6	32.0	8.9	1 1/4"	38	15.6	13.6
ZHP251	66.0 (25 0 L)	.) 24.8	37.7	9.6	1 1/4"	38	22.0	17.1
ZHP302	79.3 (300L)	.) 24.8	43.5	9.6	1 1/4"	38	23.4	20.5
ZHP350	105.7 (400L)	.) 24.8	57.1	9.6	1 1/4"	38	35.2	27.3
ZHP400	132.1 (500L	.) 29.5	52.8	11.4	1 1/4"	38	39.1	34.1
ZHP451	158.5 (600L	.) 29.5	61.2	11.4	1 1/4"	38	52.8	40.9
	ZHP5 ZHP12 ZHP18 ZHP104IL ZHP200IL ZHP200H ZHP200F ZHP202 ZHP202BV ZHP202BW ZHP202BM ZHP203 ZHP203 ZHP204 ZHP250 ZHP251 ZHP350 ZHP350 ZHP400	gallons ZHP5 2.1 (8L) ZHP12 4.8 (18L) ZHP18 6.3 (24L) ZHP104IL 9.2 (35L) ZHP200IL 13.2 (50L) ZHP200H 13.2 (50L) ZHP200F 13.2 (50L) ZHP202 21.1 (80L) ZHP202BV 21.1 (80L) ZHP202BH 21.1 (80L) ZHP203 27.7 (105L) ZHP204 39.6 (150L) ZHP250 52.8 (200L) ZHP251 66.0 (250L) ZHP302 79.3 (300L) ZHP350 105.7 (400L) ZHP400 132.1 (500L)	ZHP5 2.1 (8L) 7.9 ZHP12 4.8 (18L) 10.6 ZHP18 6.3 (24L) 11.8 ZHP104IL 9.2 (35L) 15.0 ZHP200IL 13.2 (50L) 15.0 ZHP200H 13.2 (50L) 15.0 ZHP200F 13.2 (50L) 15.0 ZHP202 21.1 (80L) 17.7 ZHP202BV 21.1 (80L) 17.7 ZHP202BH 21.1 (80L) 17.7 ZHP202SM 21.1 (80L) 17.7 ZHP203 27.7 (105L) 19.7 ZHP204 39.6 (150L) 19.7 ZHP250 52.8 (200L) 23.6 ZHP251 66.0 (250L) 24.8 ZHP302 79.3 (300L) 24.8 ZHP350 105.7 (400L) 24.8 ZHP400 132.1 (500L) 29.5	ZHP5 2.1 (8L) 7.9 11.0 ZHP12 4.8 (18L) 10.6 13.7 ZHP18 6.3 (24L) 11.8 15.4 ZHP104IL 9.2 (35L) 15.0 14.6 ZHP200IL 13.2 (50L) 15.0 19.6 ZHP200H 13.2 (50L) 15.0 17.2 ZHP200F 13.2 (50L) 15.0 19.9 ZHP202 21.1 (80L) 17.7 23.9 ZHP202BV 21.1 (80L) 17.7 24.9 ZHP202BH 21.1 (80L) 17.7 19.1 ZHP202SM 21.1 (80L) 17.7 18.1 ZHP203 27.7 (105L) 19.7 26.2 ZHP204 39.6 (150L) 19.7 35.3 ZHP250 52.8 (200L) 23.6 32.0 ZHP251 66.0 (250L) 24.8 37.7 ZHP350 79.3 (300L) 24.8 43.5 ZHP350 105.7 (400L) 24.8 57.1 ZHP400 132.1 (500L) 29.5	gallons inches (ØD) inches (H) inches (E) ZHP5 2.1 (8L) 7.9 11.0 ZHP12 4.8 (18L) 10.6 13.7 ZHP18 6.3 (24L) 11.8 15.4 ZHP104IL 9.2 (35L) 15.0 14.6 ZHP200IL 13.2 (50L) 15.0 19.6 ZHP200H 13.2 (50L) 15.0 17.2 ZHP200F 13.2 (50L) 15.0 19.9 6.0 ZHP202 21.1 (80L) 17.7 23.9 5.9 ZHP202BW 21.1 (80L) 17.7 24.9 5.9 ZHP202BH 21.1 (80L) 17.7 19.1 ZHP202SM 21.1 (80L) 17.7 18.1 ZHP203 27.7 (105L) 19.7 26.2 6.5 ZHP204 39.6 (150L) 19.7 35.3 8.5 ZHP250 52.8 (200L) 23.6 32.0 8.9 ZHP251 66.0 (250L) 24.8 37.7 9.6 ZHP3	ZHP5 2.1 (8L) 7.9 11.0 3/4" ZHP12 4.8 (18L) 10.6 13.7 3/4" ZHP18 6.3 (24L) 11.8 15.4 1" ZHP104IL 9.2 (35L) 15.0 14.6 1" ZHP200IL 13.2 (50L) 15.0 19.6 1" ZHP200H 13.2 (50L) 15.0 17.2 1" ZHP200F 13.2 (50L) 15.0 19.9 6.0 1" ZHP202F 13.2 (50L) 17.7 23.9 5.9 1" ZHP202BV 21.1 (80L) 17.7 24.9 5.9 1" ZHP202BW 21.1 (80L) 17.7 19.1 1" ZHP202BH 21.1 (80L) 17.7 18.1 1" ZHP202BM 21.1 (80L) 17.7 18.1 1" ZHP203 27.7 (105L) 19.7 26.2 6.5 11/4" ZHP204 39.6 (150L) 19.7 35.3 8.5 1 1/4" ZHP250 <td>ZHP5 2.1 (8L) 7.9 11.0 3/4" 38 ZHP12 4.8 (18L) 10.6 13.7 3/4" 38 ZHP18 6.3 (24L) 11.8 15.4 1" 38 ZHP104IL 9.2 (35L) 15.0 14.6 1" 38 ZHP200IL 13.2 (50L) 15.0 19.6 1" 38 ZHP200H 13.2 (50L) 15.0 17.2 1" 38 ZHP200F 13.2 (50L) 15.0 19.9 6.0 1" 38 ZHP202F 13.2 (50L) 15.0 19.9 6.0 1" 38 ZHP202F 13.2 (50L) 17.7 23.9 5.9 1" 38 ZHP202BV 21.1 (80L) 17.7 24.9 5.9 1" 38 ZHP202BH 21.1 (80L) 17.7 19.1 1" 38 ZHP202BM 21.1 (80L) 17.7 18.1 1" 38 ZHP203 27.7 (105L) 19.7</td> <td>ZHP5 2.1 (8L) 7.9 11.0 3/4" 38 0.7 ZHP12 4.8 (18L) 10.6 13.7 3/4" 38 0.7 ZHP18 6.3 (24L) 11.8 15.4 1" 38 2.1 ZHP104IL 9.2 (35L) 15.0 14.6 1" 38 3.1 ZHP200IL 13.2 (50L) 15.0 19.6 1" 38 4.4 ZHP200H 13.2 (50L) 15.0 17.2 1" 38 4.4 ZHP200F 13.2 (50L) 15.0 19.9 6.0 1" 38 4.4 ZHP202F 13.2 (50L) 15.0 19.9 6.0 1" 38 7.1 ZHP202F 13.2 (50L) 17.7 23.9 5.9 1" 38 7.1 ZHP202BV 21.1 (80L) 17.7 24.9 5.9 1" 38 7.1 ZHP202BH 21.1 (80L) 17.7 19.1 1" 1" 38 7.1 </td>	ZHP5 2.1 (8L) 7.9 11.0 3/4" 38 ZHP12 4.8 (18L) 10.6 13.7 3/4" 38 ZHP18 6.3 (24L) 11.8 15.4 1" 38 ZHP104IL 9.2 (35L) 15.0 14.6 1" 38 ZHP200IL 13.2 (50L) 15.0 19.6 1" 38 ZHP200H 13.2 (50L) 15.0 17.2 1" 38 ZHP200F 13.2 (50L) 15.0 19.9 6.0 1" 38 ZHP202F 13.2 (50L) 15.0 19.9 6.0 1" 38 ZHP202F 13.2 (50L) 17.7 23.9 5.9 1" 38 ZHP202BV 21.1 (80L) 17.7 24.9 5.9 1" 38 ZHP202BH 21.1 (80L) 17.7 19.1 1" 38 ZHP202BM 21.1 (80L) 17.7 18.1 1" 38 ZHP203 27.7 (105L) 19.7	ZHP5 2.1 (8L) 7.9 11.0 3/4" 38 0.7 ZHP12 4.8 (18L) 10.6 13.7 3/4" 38 0.7 ZHP18 6.3 (24L) 11.8 15.4 1" 38 2.1 ZHP104IL 9.2 (35L) 15.0 14.6 1" 38 3.1 ZHP200IL 13.2 (50L) 15.0 19.6 1" 38 4.4 ZHP200H 13.2 (50L) 15.0 17.2 1" 38 4.4 ZHP200F 13.2 (50L) 15.0 19.9 6.0 1" 38 4.4 ZHP202F 13.2 (50L) 15.0 19.9 6.0 1" 38 7.1 ZHP202F 13.2 (50L) 17.7 23.9 5.9 1" 38 7.1 ZHP202BV 21.1 (80L) 17.7 24.9 5.9 1" 38 7.1 ZHP202BH 21.1 (80L) 17.7 19.1 1" 1" 38 7.1

zilmet well tank sizing chart

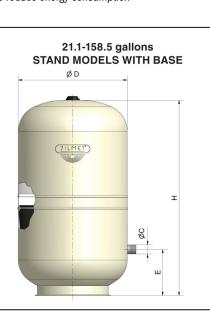
= Zimiot won tank olang onare						
Gallons per Minute	30/50) psig	40/60 psig			
GPM	1 min	2 min	1 min	2 min		
5	ZHP202	ZHP203	ZHP202	ZHP203		
10	ZHP203	ZHP203	ZHP251	ZHP302		
12	ZHP250	ZHP250	ZHP302	ZHP302		
15	ZHP250	ZHP251	ZHP302	ZHP350		
20	ZHP251	ZHP302	ZHP350	(2) ZHP302		
25	ZHP302	ZHP302	(2) ZHP 302	(2) ZHP302		
30	ZHP302	ZHP350	(2) ZHP302	(2)ZHP350		
35	7HP350	7HP350	(2)7HP350	(2)7HP350		

13.2-21.1 gallons

technical drawings



HORIZONTAL MODEL W/ PUMP BRACKET g





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^{*} Use this chart to properly size your well tank to prevent excessive wear and tear on your well pump and to reduce energy consumption