



# Hydro Plus *Next Generation Well Tanks*





## 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 reduces diaphragm motion to increase cycle life
- All diaphragms made by Zilmet specifically for each tank's dimensions
- Powdercoated exterior for a longer lasting, more durable finish

## Specifications

- Working Pressure: 150 psi
- Max Temperature: 210° F
- Factory Precharge: 38 psi
- Warranty: 5 years



## Well Tank Sizing Chart ZHP/BC

Pump GPM	30/50 psi		40/60 psi		50/70 psi	
	1 min	2 min	1 min	2 min	1 min	2 min
5	ZHP202	ZHP203	ZHP202	ZHP204 / 34	ZHP202	ZHP204
7	ZHP202	ZHP250	ZHP203	ZHP250	ZHP203	ZHP251
10	ZHP203	ZHP251	ZHP204	ZHP302	ZHP204 / 34	ZHP302
12	ZHP204 / 34	ZHP302	ZHP204 / 34	ZHP350	ZHP250	ZHP351
15	ZHP250	ZHP350	ZHP250	ZHP351	ZHP251	ZHP351
18	ZHP250	ZHP351	ZHP251	ZHP400	ZHP302	ZHP251 (2)
20	ZHP251	ZHP351	ZHP302	ZHP302 (2)	ZHP302	ZHP302 (2)
25	ZHP302	ZHP302 (2)	ZHP350	ZHP350 (2)	ZHP350	ZHP350 (2)
30	ZHP350	ZHP350 (2)	ZHP350	ZHP350 (2)	ZHP351	ZHP302 (3)
35	ZHP351	ZHP351 (2)	ZHP351	ZHP351 (2)	ZHP302 (2)	ZHP350 (3)
40	ZHP351	ZHP351 (2)	ZHP302 (2)	ZHP350 (3)	ZHP350 (2)	ZHP351 (3)

Recommended minimum pump runtime: Up to ¾hp = 1 minute Over ¾hp = 2 minutes

## Stainless Steel In Line Models

For other Stainless Steel models available, please see catalog

Item	Capacity	Diameter	Height	Max Pressure	Precharge	Connection Size
	gallons	inches	inches	psi	psi	NPT
ZS8	2.1	7.8	10.8	150	36	¾"
ZS12	3.2	10.6	10.8	150	36	¾"
ZS18	4.8	10.6	14.2	150	36	¾"



## Easy Installation in the Toughest Applications

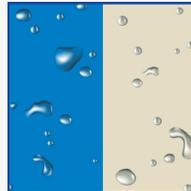
- **Industry's Thickest Diaphragm**, molded with integral flow channels to turbulate water and avoid sticking
- **Powdercoat Plus Exterior Barrier** lasts up to 5 times longer than competitive finishes in exposure tests
- **All Models Suitable for Underground** burial in any position
- **Available in Next-Generation Side-Connection** or traditional bottom inlet for any installation
- **Industry's Largest Tank Producer**, with the widest range of well tank sizes and configurations
- **Smart, Pro-Focused Features** and the fastest-growing line of unique accessories and conditioning solutions



*Fresh water flow flushes sediment*



*Standoff bumps prevent sticking*



*Powdercoat in blue or tan color*



*Accessories to create a better system*

## Stronger Where it Matters Most

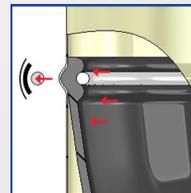
- **Deep-Drawn Steel** with 150 psi rating on all models
- **Optimized Geometry** creates higher capacity and larger drawdowns with less diaphragm motion
- **Positive-Response Diaphragm Seal** works with internal forces, getting even stronger as pressure increases
- **Welded, 100% Stainless Steel Connection** for strength; no threaded carbon steel nipple or stainless waterway sleeve; elbow is welded directly to tank causing zero flexing
- **Rigid Composite Base**, withstands heavy loads and wet environments, with positive alignment for easy connection



*Optimized for capacity & lifespan*



*Polymer tank base aligns every time*



*Exterior groove diaphragm seal*



*Side connection offers simplicity and strength*

# Technical and Dimensional Data

Precharge: 38 psi

Bottom Connection - BLUE SERIES

Item	Capacity	Diameter	Height	Connection Height	Connection Size	System Drawdown	
	<i>gallons</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>NPT</i>	<i>30-50 psi</i>	<i>40-60 psi</i>
ZHP202BC	21.1	17.7	26.9	1.6	1"	7.2	6.2
ZHP202BVBC	21.1	17.7	27.9	1.6	1"	7.2	6.2
ZHP203BC	27.7	17.7	29.2	1.6	1 1/4"	9.5	8.2
ZHP34BC	34.1	19.7	33.9	1.6	1 1/4"	11.6	10.1
ZHP204BC	39.6	19.7	38.3	1.6	1 1/4"	13.5	11.7
ZHP250BC	54.7	19.7	49.7	1.6	1 1/4"	18.6	16.1
ZHP251BC	66.0	24.8	37.7	1.6	1 1/4"	22.5	19.5
ZHP302BC	79.3	24.8	46.9	1.6	1 1/4"	27.0	23.4
ZHP351BC	119.0	24.8	65.9	1.6	1 1/4"	40.6	35.1

Bottom Connection - TAN SERIES

Item	Capacity	Diameter	Height	Connection Height	Connection Size	System Drawdown	
	<i>gallons</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>NPT</i>	<i>30-50 psi</i>	<i>40-60 psi</i>
ZHP202BC-T	21.1	17.7	26.9	1.6	1"	7.2	6.2
ZHP202BVBC-T	21.1	17.7	27.9	1.6	1"	7.2	6.2
ZHP203BC-T	27.7	17.7	29.2	1.6	1 1/4"	9.5	8.2
ZHP34BC-T	34.1	19.7	33.9	1.6	1 1/4"	11.6	10.1
ZHP204BC-T	39.6	19.7	38.3	1.6	1 1/4"	13.5	11.7
ZHP250BC-T	54.7	19.7	49.7	1.6	1 1/4"	18.6	16.1
ZHP251BC-T	66.0	24.8	37.7	1.6	1 1/4"	22.5	19.5
ZHP302BC-T	79.3	24.8	46.9	1.6	1 1/4"	27.0	23.4
ZHP351BC-T	119.0	24.8	65.9	1.6	1 1/4"	40.6	35.1

Side Connection - TAN SERIES

Item	Capacity	Diameter	Height	Connection Height	Connection Size	System Drawdown	
	<i>gallons</i>	<i>inches</i>	<i>inches</i>	<i>inches</i>	<i>NPT</i>	<i>30-50 psi</i>	<i>40-60 psi</i>
ZHP200F	13.2	15.0	19.9	6.0	1"	4.5	3.9
ZHP202	21.1	17.7	23.9	5.9	1"	7.2	6.2
ZHP203	27.7	19.7	26.2	6.5	1 1/4"	9.5	8.2
ZHP204	39.6	19.7	35.3	8.5	1 1/4"	13.5	11.7
ZHP250	52.8	23.6	32.0	8.9	1 1/4"	18.0	15.6
ZHP251	66.0	24.8	37.7	9.6	1 1/4"	22.5	19.5
ZHP302	79.3	24.8	43.5	9.6	1 1/4"	27.0	23.4
ZHP350	105.7	24.8	57.1	9.6	1 1/4"	36.0	31.2
ZHP351	119.0	29.5	42.3	11.4	1 1/4"	40.6	35.1

Inline / Horizontal - TAN SERIES

Item	Capacity	Diameter	Height	Connection Size	System Drawdown	
	<i>gallons</i>	<i>inches</i>	<i>inches</i>	<i>NPT</i>	<i>30-50 psi</i>	<i>40-60 psi</i>
ZEP5	2.1	7.9	11.0	3/4"	0.7	0.6
ZEP12	4.8	10.6	13.7	3/4"	1.6	1.4
ZEP18	6.3	11.8	15.4	3/4"	2.2	1.9
ZHP104IL	9.2	15.0	14.6	1"	3.1	2.7
ZHP200IL	13.2	15.0	19.6	1"	4.5	3.9
ZHP200BH	13.2	15.0	17.2	1"	4.5	3.9
ZHP202BH	21.1	17.7	19.1	1"	7.2	6.2

