

WHERE QUALITY COMES FIRST



Stainless steel side connection allows for quicker, less expensive installation

Hydro-Plus well tanks

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

- *Produces over 7 million tanks and 1 million heat exchangers annually*
- *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

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 diaphragms 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
 ** for potable water applications

operating conditions

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



■ technical and dimensional data

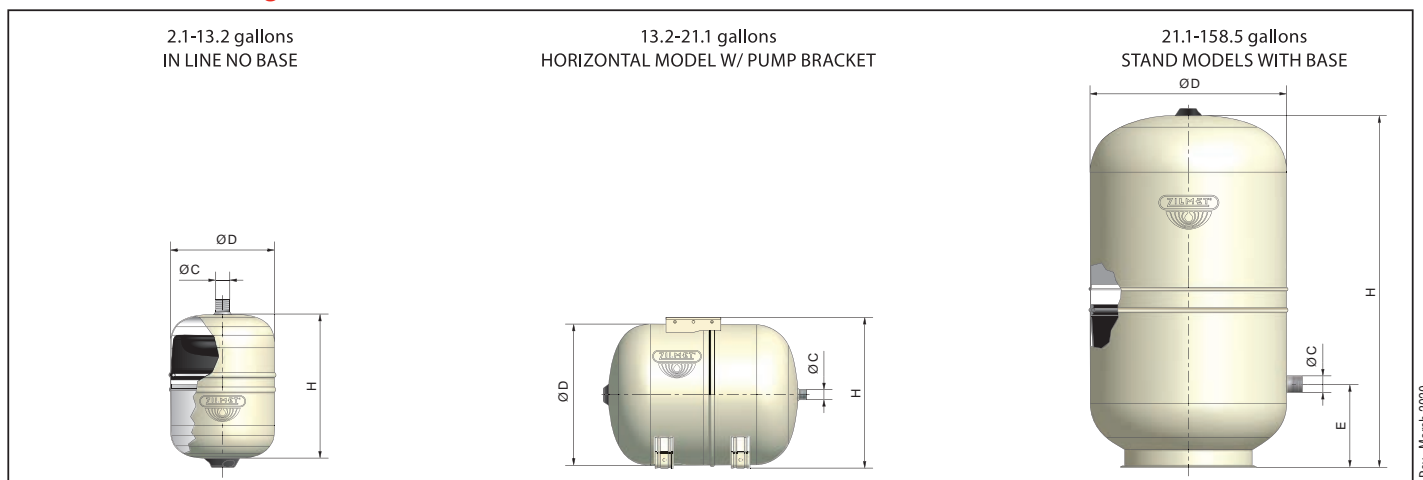
| Type | Model | Capacity | Diameter | Height | Connection Height | Connection Size | Precharge | System Drawdown | |
|------------------------------------|----------|----------|-------------|-----------|-------------------|-----------------|-----------|-----------------|-----------|
| | | gallons | inches (ØD) | inches(H) | inches(E) | NPT (ØC) | psi | 30-50 psi | 40-60 psi |
| Inline | ZHP5 | 2.1 | 7.9 | 11.0 | | 3/4" | 38 | 0.7 | 0.6 |
| Inline | ZHP12 | 4.8 | 10.6 | 13.7 | | 3/4" | 38 | 1.6 | 1.4 |
| Inline | ZHP18 | 6.3 | 11.8 | 15.4 | | 1" | 38 | 2.2 | 1.9 |
| Inline | ZHP104IL | 9.2 | 15.0 | 14.2 | | 1" | 38 | 3.1 | 2.7 |
| Inline | ZHP200IL | 13.2 | 15.0 | 19.6 | | 1" | 38 | 4.5 | 3.9 |
| Horizontal Model with Pump Bracket | ZHP200BH | 13.2 | 15.0 | 16.5 | | 1" | 38 | 4.5 | 3.9 |
| Stand Model | ZHP200F | 13.2 | 15.0 | 19.9 | 6.0 | 1" | 38 | 4.5 | 3.9 |
| Stand Model | ZHP202 | 21.1 | 17.7 | 23.9 | 5.9 | 1" | 38 | 7.2 | 6.2 |
| Stand Model with Pump Bracket | ZHP202BV | 21.1 | 17.7 | 24.4 | 5.9 | 1" | 38 | 7.2 | 6.2 |
| Horizontal Model with Pump Bracket | ZHP202BH | 21.1 | 17.7 | 19.1 | | 1" | 38 | 7.2 | 6.2 |
| Horizontal Spacemaker | ZHP202SM | 21.1 | 17.7 | 18.1 | | 1" | 38 | 7.2 | 6.2 |
| Stand Model | ZHP203 | 27.7 | 19.7 | 26.2 | 6.5 | 1 1/4" | 38 | 9.5 | 8.2 |
| Stand Model | ZHP204 | 39.6 | 19.7 | 35.3 | 8.5 | 1 1/4" | 38 | 13.5 | 11.7 |
| Stand Model | ZHP250 | 52.8 | 23.6 | 32.0 | 8.9 | 1 1/4" | 38 | 18.0 | 15.6 |
| Stand Model | ZHP251 | 66.0 | 24.8 | 37.7 | 9.6 | 1 1/4" | 38 | 22.5 | 19.5 |
| Stand Model | ZHP302 | 79.3 | 24.8 | 43.5 | 9.6 | 1 1/4" | 38 | 27.0 | 23.4 |
| Stand Model | ZHP350 | 105.7 | 24.8 | 57.1 | 9.6 | 1 1/4" | 38 | 36.0 | 31.2 |
| Stand Model | ZHP351 | 119 | 29.5 | 42.8 | 11.4 | 1 1/4" | 38 | 40.6 | 35.1 |
| Stand Model | ZHP400 | 132.1 | 29.5 | 52.8 | 11.4 | 1 1/4" | 38 | 45.0 | 39.0 |
| Stand Model | ZHP451 | 158.5 | 29.5 | 61.5 | 11.4 | 1 1/4" | 38 | 54.0 | 46.8 |

■ zilmel well tank sizing chart

| Gallons per Minute GPM | 30/50 psig | | 40/60 psig | |
|---------------------------|------------|------------|------------|------------|
| | 1 min | 2 min | 1 min | 2 min |
| 5 | ZHP202 | ZHP203 | ZHP202 | ZHP203 |
| 10 | ZHP203 | ZHP251 | ZHP204 | ZHP302 |
| 12 | ZHP204 | ZHP302 | ZHP250 | ZHP302 |
| 15 | ZHP250 | ZHP302 | ZHP251 | ZHP351 |
| 20 | ZHP251 | ZHP351 | ZHP302 | ZHP302 (2) |
| 25 | ZHP302 | ZHP302 (2) | ZHP350 | ZHP350 (2) |
| 30 | ZHP350 | ZHP350 (2) | ZHP351 | ZHP351 (2) |
| 35 | ZHP351 | ZHP351 (2) | ZHP351 | ZHP351 (2) |

* Use this chart to properly size your well tank to prevent excessive wear and tear on your well pump and to reduce energy consumption. (2) indicates - two tanks required.

■ technical drawings



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