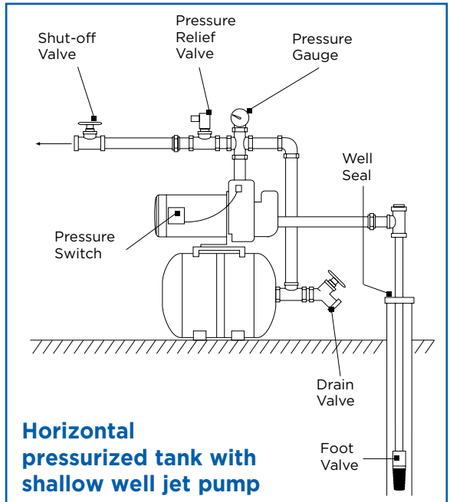
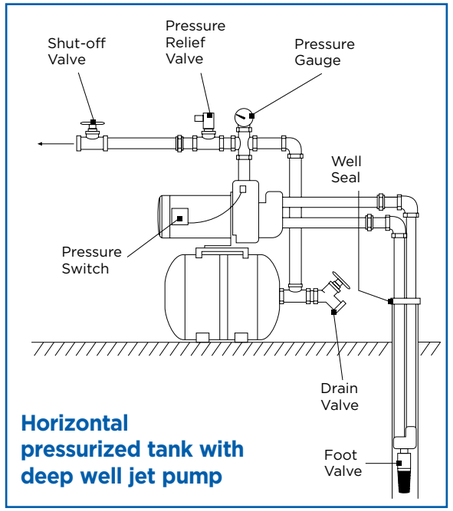
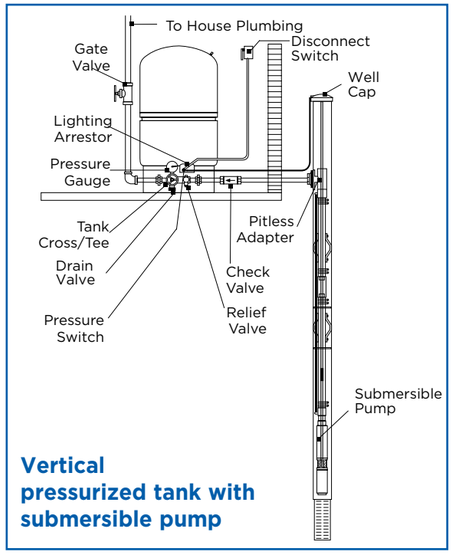
# Typical Tank Installations



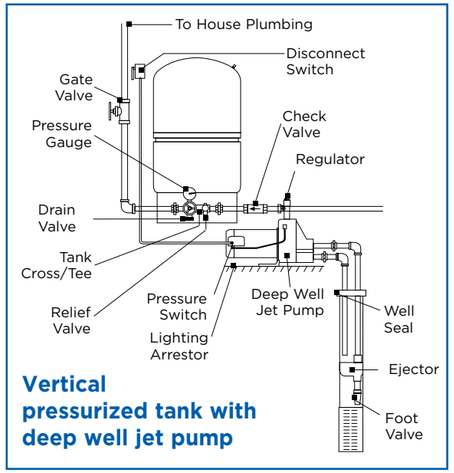

**Horizontal pressurized tank with shallow well jet pump**




**Horizontal pressurized tank with deep well jet pump**




**Vertical pressurized tank with submersible pump**

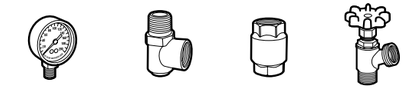



**Vertical pressurized tank with deep well jet pump**

# Tank Selection Guide

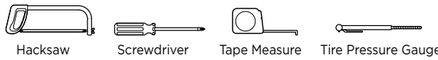
| Tank Volume | 2 | 4-4 1/2 | 6-9 | 14-16 | 20-24 | 25-29 | 30-36 | 37-46 | 47-65 | 85-96 | 109-120 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| **Water Worker** | **HT-2B** | **HT-4B** | **HT-8B** | **HT-14B** | **HT-20B** | **HT-30B** | **HT-32B** | **HT-44B** | **HT-62B** | **HT-86B** | **HT119B** |
| Champion | - | - | - | CH3001 | CH4202 | CH6000 | CH8003 | CH10050 | CH12051 | CH17002 | CM22050 |
| Challenger | PJR6 | PJR15 | PJR25 | PC44 | PC66 | PC88 | PC122 | PC144 | PC211 | PC266 | PC366 |
| Con-Aire | - | - | - | CA15 | - | CA42 | - | CA82T | CA120 | CA220 | - |
| Flo-Tec | FP7105 | FP7100 | - | - | FP7110 | - | FP7120 | FP7125 | - | FP7130 | FP7135 |
| Goulds Hydro-Pro | VP6 | V15P | V25P | V45 | V60 | V80 | V100 | V140 | V200 | V250/ V260 | V350 |
| H2 Pro | PJR6 | PJR15 | PJR25 | WWT-14 | WWT-20 | WWT-25 | WWT-35 | WWT-45 | WWT-65 | WWT-85 | WWT-120 |
| Mark Series | CM1001 | CM1002 | CM1003 | CM3001 | CM4202 | - | CM8003 | CM10050 | CM12051 | CM17002 | CM22050 |
| Pro-Source/Plus | - | - | - | PS30 | PS42/ PSP19 | - | PS82/ PSP32/ PSP35 | PS120 | PS200/ PSP50- PSP62 | PS220/ PSP85 | PSP119 |
| Red Lion | RL2 | RL4 | RL8 | RL14 | RL20 | - | RL33 | RL44 | RL62 | RL81 | RL119 |
| Standard Galvanized | 5 | 12 | 18 | 30 | 42 | 82 | 82 | 120 | 220 | 220 | 315 |
| State Perma-Air | PIL-2 | PIL-5 | PIL-7 | PAD-14 | PAD-20 | - | PAD-31 PAD-36 | - | PAD-52 | PAD-86 | PAD-119 |
| Wel Flo | - | WF15 | WF25 | WF45 | WF60 | WF80 | WF100 | WF140 | WF200 | WF240 | WF360 |
| WellMate | WM-8L | WM-18L | WM-25L | WM-4 | WM-6 | - | WM-9 | WM-14 | WM-20 | WM-25 | WM-35 |
| Well-Rite | PJR6 | PJR15 | PJR25 | WR45 | WR60 | WR80 | WR120 | WR140 | WR200 | WR260 | WR360 |
| Well-X-Trol | WX-101 | WX-102 | WX-103 | WX-201 | WX-202 | WX-202XL | WX-203 | WX-250 | WX-251 | WX-302 | WX-119 |

## Additional Parts Required For Installation





## Recommended Tools


## Drawdown

| Model No | Water Worker Capacity (gal.) | Drawdown (gallons) | | |
|---|---|---|---|---|
| | | 20/40 | 30/50 | 40/60 |
| HT-2B | 2.0 | 0.73 | 0.62 | 0.54 |
| HT-4B | 4.4 | 1.61 | 1.36 | 1.18 |
| HT-8B | 7.4 | 2.78 | 2.35 | 2.03 |
| HT-6HB | 5.3 | 1.94 | 1.64 | 1.42 |
| HT-14HB | 14.0 | 5.12 | 4.33 | 3.75 |
| HT-14B | 14.0 | 5.12 | 4.33 | 3.75 |
| HT-20B | 20.0 | 7.31 | 6.18 | 5.35 |
| HT-30B | 26.0 | 8.78 | 7.42 | 6.43 |
| HT-32B | 32.0 | – | 9.89 | 8.57 |
| HT-44B | 44.0 | 16.09 | 13.60 | 11.78 |
| HT-62B | 62.0 | 22.67 | 19.17 | 16.60 |
| HT-86B | 86.0 | 31.44 | 26.58 | 23.03 |
| HT-119B | 119.0 | 43.51 | 36.79 | 31.86 |

WATER WORKER

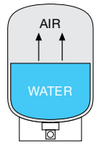
# Well Tank Selection Guide


www.waterworkerdiy.com

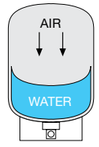
# Tank Operation

All well systems require a pre-pressurized well tank to provide a buffer of stored water. Without supplemental storage, small water uses like running a faucet or flushing a toilet would cause rapid pump cycling. This can lead to potential pump failure - an expensive repair or replacement often costing thousands of dollars.

**1.** As the pump fills the tank with water, the air above the diaphragm is compressed. This increases the pressure in the tank and causes the pressure switch to turn off the pump.



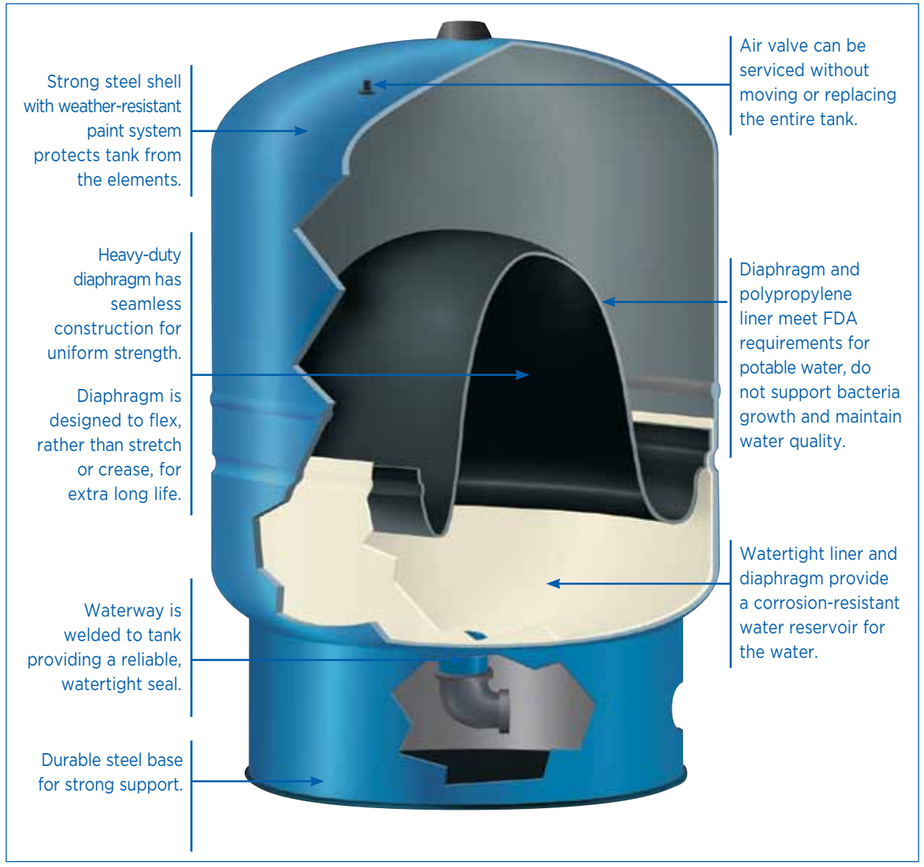

**2.** When water is drawn from the tank, pressure inside the tank decreases until the pressure switch starts the pump. The amount of water delivered between pump cycles is called drawdown. The greater the drawdown capacity, the less the pump needs to run, saving energy and money, and extending pump life.




**3.** As water is drawn from the tank, the reduced pressure starts the pump and refills the tank.


# Tank Features

Water Worker® Well Tanks are made in the USA, easy to install and specifically designed for years of dependable, trouble-free, energy-saving operation.




# Tank Selection

Count the number of water fixtures and select the closest tank size according to the chart.

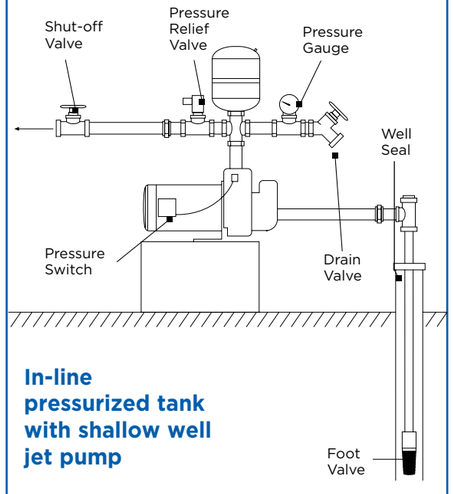
Example: For a home with 3 sinks, 3 toilets, a dishwasher, shower, bathtub, washing machine and an outside faucet, (11 water fixtures) the correct tank size would be: HT-44B.

There are no disadvantages to having a larger well tank. The larger the tank, the fewer pump cycles – extending pump life and saving electricity. Larger tank sizes will also increase the water storage volume to provide more consistent pressure.

| Number of Water Fixtures | WaterWorker Capacity (gal) | Model No. | Epoxy Tank Equivalent (gal) |
|---|---|---|---|
| 2 | 2.0 | HT-2B | — |
| 2 | 4.4 | HT-4B | 12 |
| 2 | 5.3 | HT-6HB | 12 |
| 3 | 7.4 | HT-8B | 20 |
| 4 | 14 | HT-14B | 30 |
| 4 | 14 | HT-14HB | 30 |
| 6 | 20 | HT-20B | 42 |
| 6 | 20 | HT-20HB | 42 |
| 8 | 26 | HT-30B | — |
| 10 | 32 | HT-32B | 82 |
| 14 | 44 | HT-44B | 120 |
| 20 | 62 | HT-62B | — |
| 28 | 86 | HT-86B | 220 |
| 40 | 119 | HT-119B | 315 |

The design of a Water Worker tank is much more efficient than an epoxy tank. This allows a smaller Water Worker tank to deliver the equivalent performance as compared to a much larger galvanized or epoxy tank.

# Typical Tank Installation




**In-line pressurized tank with shallow well jet pump**

WATER WORKER®

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MC#7230 (05/12)