



PressureWave™ Series

Pump applications



Features

- Diaphragm design
- Patented stainless steel water connection
- Virgin polypropylene liner
- Reinforced connection plate on inline models 8L and up
- Two-part polyurethane primed paint finish
- Leak-free O-ring sealed air valve
- Replaceable tank base / tank feet / pump stand
- Comprehensive testing
- Maintenance-free



Certifications may vary by model. Check with your GWS sales representative for more detailed information

PressureWave™ tanks are ideally suited for a wide range of applications, including well water systems, irrigation systems, booster systems, VFD-controlled systems and water hammer arresting. The PressureWave Series is constructed of a virgin polypropylene liner combined with an FDA compliant high-grade butyl diaphragm. This is held against the wall of the tank with a steel clench ring. The brass air valve, sealed by a threaded o-ring valve cap, prevents air leaks. Water enters the tank through a patented stainless steel water connection. The diaphragm and liner are both reinforced in specific wear areas for longer life. All internal parts including the air valve are rounded to prevent piercing of the diaphragm in extreme conditions. The water connection uniquely provides a dual water/air seal ensuring a complete leak-free and maintenance-free pressure tank.

On the exterior the almond-colored dual layer polyurethane paint finish provides hundreds of hours of UV and salt spray protection.

PressureWave tanks are quality tested at several stages on the production line to ensure the structural integrity of every tank.

PressureWave tanks represent the best value for the investment and are the best quality pressure vessels available today.

Construction of PressureWave™ tank

1. Leak free, O-ring sealed air valve cap
2. Diaphragm design
3. Dual layer polyurethane paint finish
4. Reinforced engineered thermoplastic pump stand and feet
5. Virgin polypropylene liner
6. Patented stainless steel water connection



Where Water Gets Better

Models

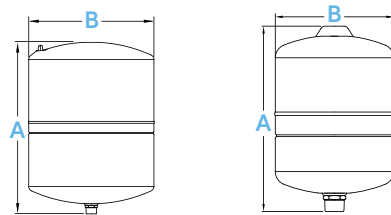
Model Number	Connection	Nominal Volume		Dimensions (in)			Gross Weight [lbs]
		Gallons	Liters	A	B	C	
Inline							
PWN-US-8LX	3/4" NPT	2.1	8	12.2	7.9	-	5.4
PWN-US-18LX	3/4" NPT	4.8	18	14.3	11.0	-	9.2
PWN-US-24LX	3/4" NPT	6.3	24	17.6	11.4	-	12.3
PWN-US-35LX	3/4" NPT	9.2	35	18.8	12.5	-	16.3
Horizontal							
PWN-US-20LH	3/4" NPT	5.3	20	17.5	10.9	5.7	11.2
PWN-US-24LH	3/4" NPT	6.3	24	17.5	12.0	6.3	13.4
PWN-US-60LH	1" NPT	15.9	60	20.9	16.7	8.4	25.9
PWN-US-80LH	1" NPT	21.1	80	28.6	16.7	8.4	36.4
Vertical							
PWN-US-80LV	1" NPT	21.1	80	32.1	15.3	2.5	36.5
PWN-US-130LV	1" NPT	34.3	130	42.2	16.9	2.4	60.1
PWN-US-160LV	1 - 1/4" NPT	42.3	160	36.9	20.9	2.6	77.8

Note: Minor dimensional variations may occur.

Specifications

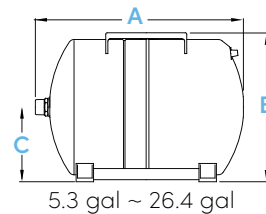
Product Series Name	PressureWave™
Nominal Volumes	2 - 42.3 gal / 8-160 L
Min. Operating Temperature	14°F / -10°C (Avoid Freezing)
Max. Operating Temperature	194°F / 90°C
Max. Operating Pressure	150 psi 10 bar (Available in 16 and 25 bar as Max and UltraMax series)
Factory Pre-charge	38 psi 2.6 bar

Inline Models

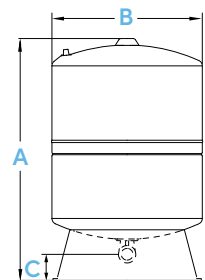


2.1 gal ~ 9.2 gal

Horizontal Models



Vertical Models



15.8 gal ~ 42.3 gal