



WATER MOVEMENT



Where Water Gets Better

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All product names are trademarks registered by Global Water Solutions.

GWS

locations


 GWS USA

 Latin America

 United Kingdom

 Luxembourg

 Italy

 South Africa

 Middle East & Turkey


 India

 China

 Taiwan

 Korea



 Offices and distribution

 Manufacturing, offices and distribution

About

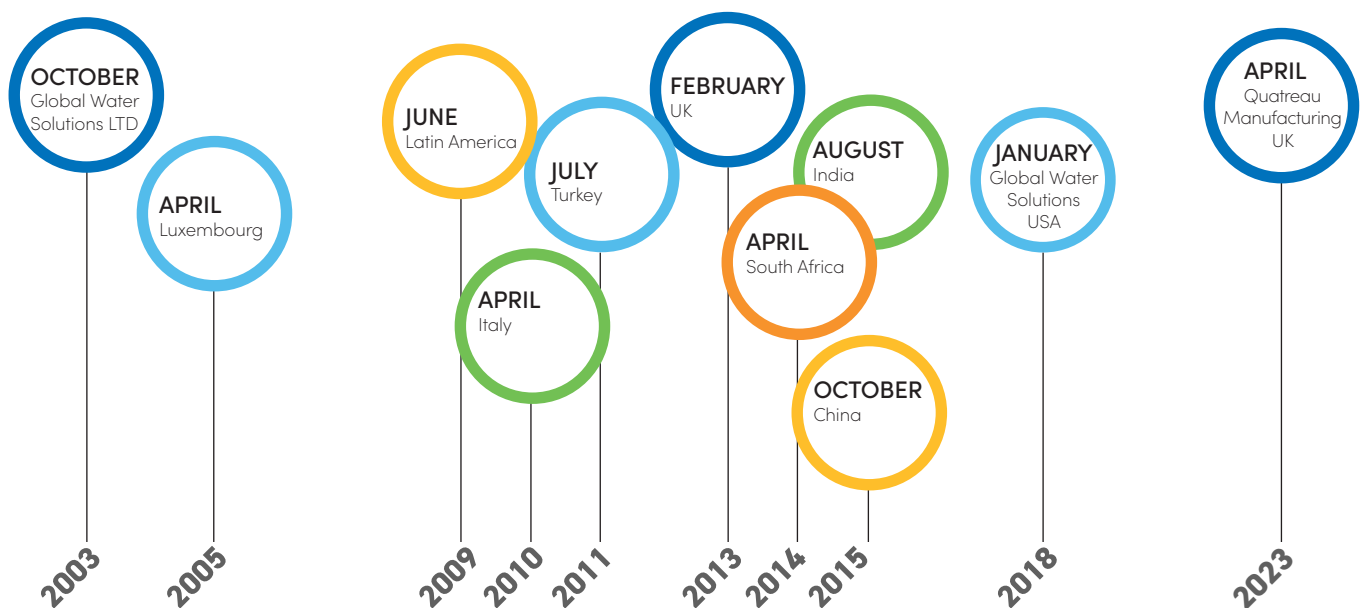
Global Water Solutions USA

Global Water Solutions USA LLC (GWS USA) is an affiliated company of Global Water Solutions Ltd. GWS USA was founded to supply high quality, affordable water treatment products to North America as well as offer world-class pressure tanks to the US retail sector.

Our sister company, Global Water Solutions Ltd. (GWS), is one of the world's largest pressure tank and water treatment product manufacturers. GWS strives to be a leading solutions provider for the worldwide need of accessing, processing and delivering potable, clean water to improve lives. The company's core values include providing long-term benefits to all, taking care of the environment, and remaining socially conscious in the communities it serves.

A broad and innovative product offering has secured GWS' place in the market as the most comprehensive supplier of pressure tanks and water treatment components. GWS focuses on creating adaptable, affordable solutions to address the increasing demand for safe and abundant drinking water and also provides cutting-edge technologies for the movement and processing of water.

GWS is proud to have partnerships and customer relationships with the most reputable specialty wholesalers, Original Equipment Manufacturers (OEMs), servicers, and integrators in over 100 countries.



Product

Certifications

We are the industry leader in approvals and certifications for our products.

As well as being manufactured from the highest quality materials, all GWS products are rigorously tested and come with extensive warranties.

Certifications may vary by product series and/or model. Check with your GWS sales representative for more detailed information.

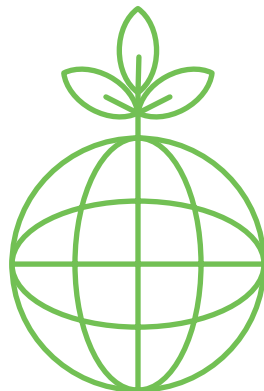


Energy saving solutions

Upgrade your pressure tank size and gain the following benefits:

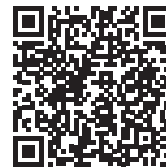
- Substantially reduce electric power consumption by reducing small draw off pump starts, i.e., toilet flushes, washing machine fill-ups, leaks, drip irrigation, etc.
- Extend pump life by dramatically reducing wear on moving parts
- Protect against overheating damage to the pump system
- Reduce disruptive noise from unnecessary pump starts
- Eliminate pump motor burnouts and low-flow cycling
- Eliminate water hammer damage to your system's pump

Minimize your environmental footprint!



PressureWave™

World-class pressure tanks

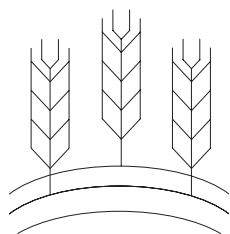
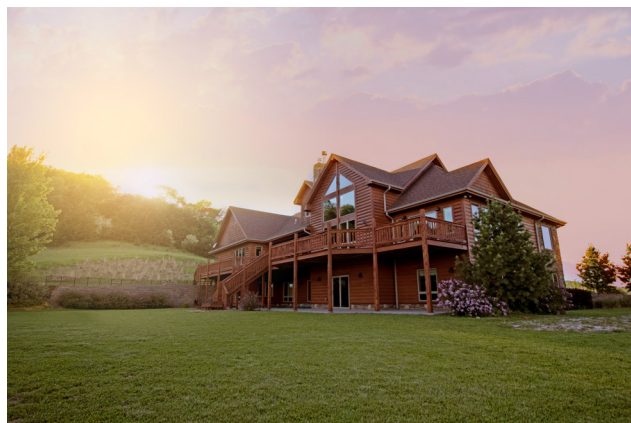


- Industrial-strength, robust design.
- Maintenance-free.
- Contaminant-free water chamber.
- Deep-drawn steel construction.
- Secured diaphragm prevents wear and tear with cycles.
- Patented stainless steel water connection.
- Anchorable, corrosion-free tank base.
- Reinforced connection plate on inline models.
- Durable, rust-resistant exterior paint.
- Comprehensive testing on every tank.
- Certified to NSF/ANSI/CAN 61 and 372 standards.
- 5-year warranty.

The PressureWave™ tank is a premium-quality, industrial-strength pressurized well tank used by top pump companies and installers around the world. PressureWave tanks are designed for a wide range of applications, including well water systems, irrigation systems, booster systems, VFD-controlled systems and water hammer arresting.

The tank's water chamber is constructed of a virgin polypropylene liner and an FDA compliant, high-grade butyl diaphragm which does not impart any taste or odor to your drinking water and keeps the water contaminant-free. The O-ring-sealed air valve cap and stainless steel patented water connection ensure no air leakage. The corrosion-free, rugged composite base and rust-resistant exterior paint finish add to the tank's longevity. This is a pre-charged, maintenance-free pressure tank which is backed by a five-year warranty and can be a direct replacement for most installations.

PressureWave tanks are quality tested at several stages on the production line to ensure the structural integrity, performance, and certification compliance of every tank. PressureWave tanks represent excellence, the best value for the investment, and are the highest quality pressure vessels available worldwide!



Models

Model	Connection	Nominal Volume		Dimensions						Gross Weight	
		Gallons	Liters	A		B		C		lb	kg
				in	cm	in	cm	in	cm		
Inline											
PWN-US-8LX	3/4" NPT	2.1	8	12.3	31.3	7.9	20.2	-	-	6.3	2.8
PWN-US-18LX	3/4" NPT	4.8	18	14.4	36.6	10.9	27.9	-	-	9.0	4.1
PWN-US-35LX	3/4" NPT	9.3	35	19.0	48.2	12.5	31.8	-	-	16.2	7.4
Horizontal											
PWN-US-24LH	3/4" NPT	6.3	24	17.6	44.7	12.6	32.1	6.3	16.1	13.1	6.0
PWN-US-60LH	1" NPT	15.9	60	20.9	53.0	16.6	42.3	8.4	21.4	25.9	11.7
PWN-US-80LH	1" NPT	21.1	80	28.6	72.6	16.7	42.4	8.4	21.4	36.4	16.5
Vertical											
PWN-US-80LV	1" NPT	21.1	80	32.1	81.5	15.3	38.9	2.5	6.3	36.5	16.6
PWN-US-130LV	1" NPT	34.3	130	42.4	107.6	16.9	43.0	2.4	6.0	60.1	27.3
PWN-US-160LV	1¼" NPT	42.3	160	36.5	92.7	20.9	53.0	2.6	6.6	77.8	35.3

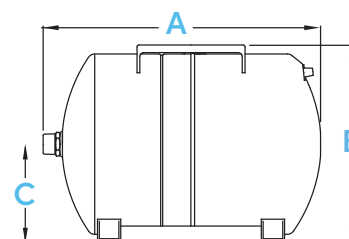
Note: Minor dimensional variation may occur.

Specifications

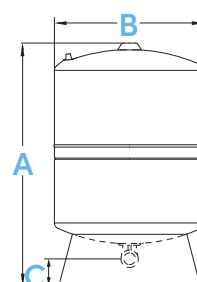
Product Series Name	PressureWave™
Nominal Volumes	2 - 42 gal / 8 - 160 L
Min. Operating Temperature	14°F / -10°C (Avoid Freezing)
Max. Operating Temperature	194°F / 90°C
Max. Operating Pressure	150 psi 10 bar
Factory Pre-charge	38 psi 2.6 bar

1. Leak-free, O-ring sealed air valve cap
2. FDA compliant butyl diaphragm
3. Two-part polyurethane paint finish
4. Engineered thermoplastic pump stand and feet (tank base on vertical models)
5. Virgin polypropylene liner
6. Patented stainless steel water connection

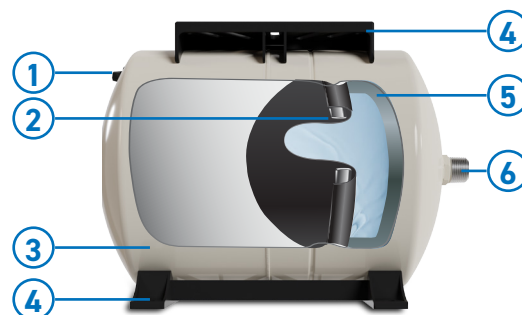
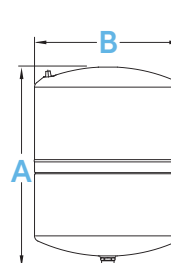
Horizontal Models



Vertical Models



Inline Models



Horizontal Models

PressureWave™ SF



Higher volume pressure tanks



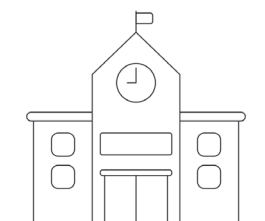
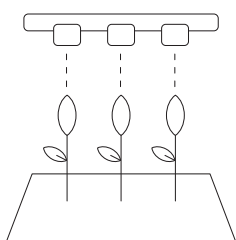
- Suitable for high-volume applications.
- Industrial-strength, deep-drawn steel construction.
- Maintenance-free.
- Anchored NSF-listed butyl membrane.
- Contaminant-free water chamber.
- Stainless steel water connection.
- Leak-free o-ring sealed air valve.
- Mountable, corrosion-free tank base.
- Durable, rust-resistant exterior.
- Comprehensive testing on every tank.
- Certified to NSF/ANSI/CAN 61 and 372 standards.
- 5-year warranty.

PressureWave™ SF tanks are perfectly suited for applications where higher volumes of water storage are required. These include residential, agricultural, and light commercial applications such as well systems, irrigation systems, booster systems, and water hammer arresting. PressureWave SF series range from 53-119 gallons with a maximum working pressure of 150 psi.

PressureWave SF tanks feature a robust NSF-listed replaceable membrane, providing a contaminant-free water storage chamber. The unique membrane design along with its innovative anchoring stops the membrane from collapsing and deforming during operation, providing maximum life, durability, and performance. Water enters the tank through a corrosion-free stainless steel water connection.

The brass air valve, sealed by a threaded O-ring valve cap, prevents air leaks. All internal parts, including the air valve, are rounded to inhibit piercing of the membrane in extreme conditions. To provide enhanced exterior protection from UV ray and salt spray damage, the almond-colored exterior is a two-part powder-coated polyurethane paint finish.

PressureWave SF high-volume pressure tanks are rigorously quality tested at several stages during the manufacturing process to ensure structural integrity and performance. These vessels represent the best value for the investment and are designed to serve your needs for years to come!



Models

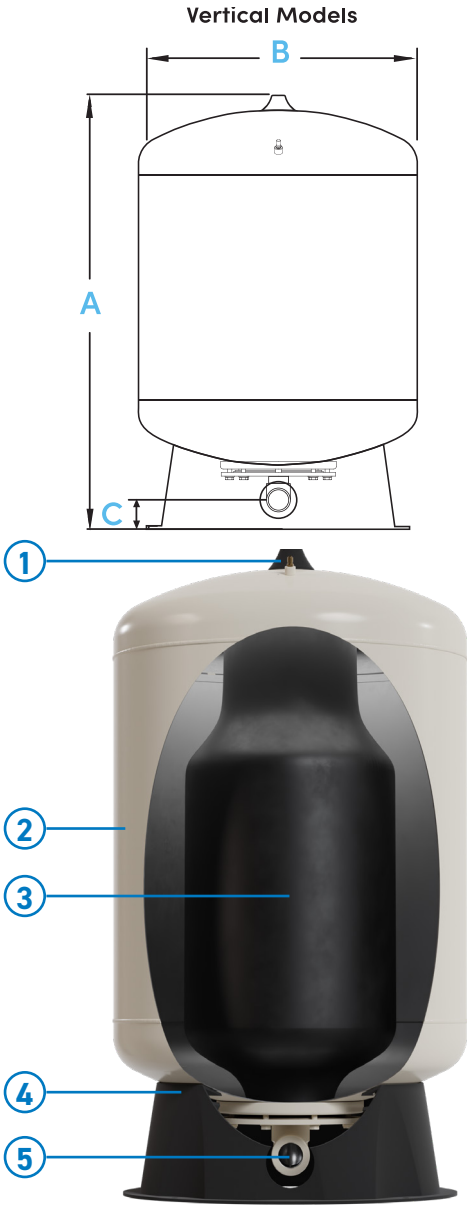
Model	Connection	Nominal Volume		Dimensions						Gross Weight	
		Gallons	Liters	A		B		C		lb	kg
				in	cm	in	cm	in	cm		
SFN-US-200LV	1 1/4" NPT	52.8	200	36.8	93.5	24.0	61.0	2.5	6.4	91.5	41.5
SFN-US-240LV	1 1/4" NPT	63.4	240	41.7	106.0	24.0	61.0	2.5	6.4	104.3	47.3
SFN-US-325LV	1 1/4" NPT	85.9	325	51.6	131.0	24.0	61.0	2.5	6.4	128.5	58.3
SFN-US-450LV	1 1/4" NPT	118.9	450	68.9	175.0	24.0	61.0	2.5	6.4	159.6	72.4

Note: Minor dimensional variation may occur.

Specifications

Product Series Name	PressureWave™ SF
Nominal Volumes	53 - 119 gal / 200 - 450 L
Min. Operating Temperature	14°F / -10°C (Avoid Freezing)
Max. Operating Temperature	194°F / 90°C
Max. Operating Pressure	150 psi 10 bar
Factory Pre-charge	38 psi 2.6 bar

1. Leak-free, O-ring sealed air valve cap
2. Dual layer polyurethane paint finish
3. NSF listed membrane
4. Reinforced thermoplastic base
5. Stainless steel connection



HydroGuard™

Water hammer & hydraulic shock arrestors



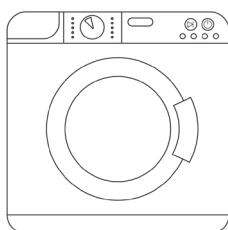
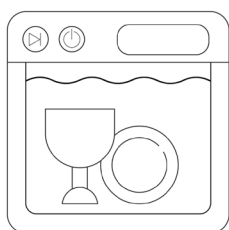
HydroGuard™ shock arrestors are specially built with the latest diaphragm technology designed to reduce and eliminate hydraulic shock. The internal diaphragm divides the arrestor into separate air and water chambers. The sealed air chamber acts as a cushion that compresses when the water pressure suddenly increases or surges due to hydraulic shock.

HydroGuard shock arrestors are best used at the point of shock and should be installed as close to the valve or piping where the shock originates. They are ideal for washing machine and dish washer installations, sinks and toilets, reverse osmosis systems and any other plumbing application where quick closing valves or fast acting solenoid valves are installed. HydroGuard shock arrestors are certified and approved for potable water systems and are drinking water safe.

Each HydroGuard shock arrestor is quality tested at several stages along the production line to ensure the structural integrity and safety of every arrestor.

Available from 0.04 – 1.06 gal / 0.16 – 4 L.

- 10 bar pressure rating.
- High-grade butyl diaphragm.
- Adjustable pre-charged air pressure.
- Dual layer polyurethane paint finish.
- Leak-free O-ring sealed air valve.
- Comprehensive testing.
- Maintenance-free.



Accessories



Stainless Steel Flex
Connectors



Stainless Steel Flex
Connector with
Elbow



3 Way Connectors



5 Way Connectors



Pressure Switches



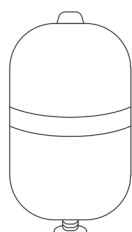
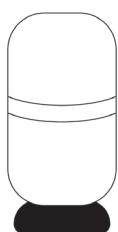
Pressure Gauges

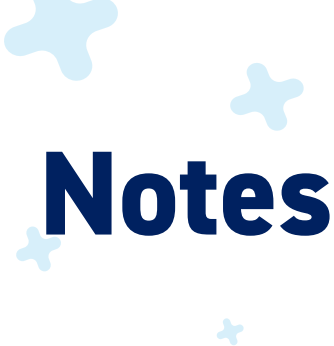


Pump Stands



Pressure Tank
Wall Mounting
Bracket





Notes

Lined area for writing notes, consisting of 20 horizontal lines.



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