



WATER MOVEMENT



Where Water Gets Better

About

Global Water Solutions

About us

Global Water Solutions Ltd (GWS) is a leading global manufacturer of pressure tanks and water treatment products. Crafted from the highest quality materials, GWS products undergo rigorous testing and come with extensive warranties, ensuring durability and performance excellence. GWS products are purchased, sold and serviced by some of the most reputable large pump specialty wholesalers and Original Equipment Manufacturers in over 100 countries. A strong commitment to customer service is at the heart of the GWS offering. Its team of highly experienced technical sales and engineering staff delivers exceptional after-sales service and field support for customers.

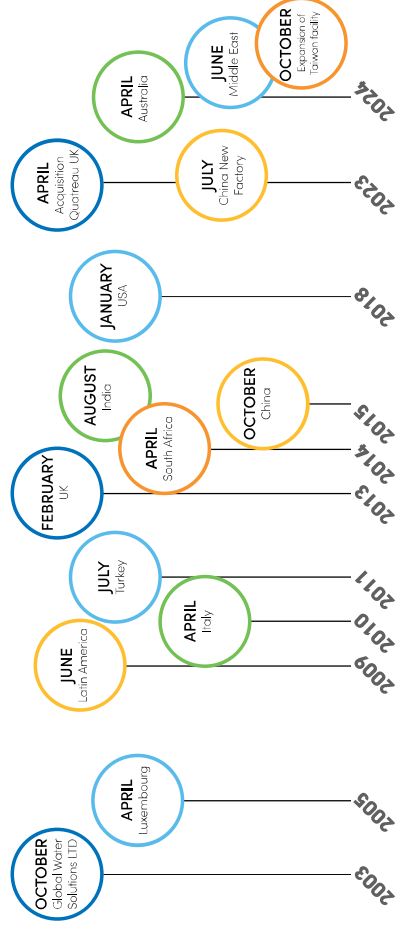
A broad product offering, and innovative product development has secured GWS' place in the market as the most comprehensive supplier of pressure tanks and water treatment products. GWS' core values prioritize delivering long-term benefits, being environmentally friendly, and remaining socially conscious when partnering with the communities the company serves. To address the growing demand for safe and abundant drinking water, GWS concentrates on delivering cutting-edge technologies for water movement and processing through the creation of adaptable, affordable solutions.

Our vision

Global Water Solutions aims to be a leading solutions provider for the worldwide need of accessing, processing, and delivering potable clean water to improve people's lives.

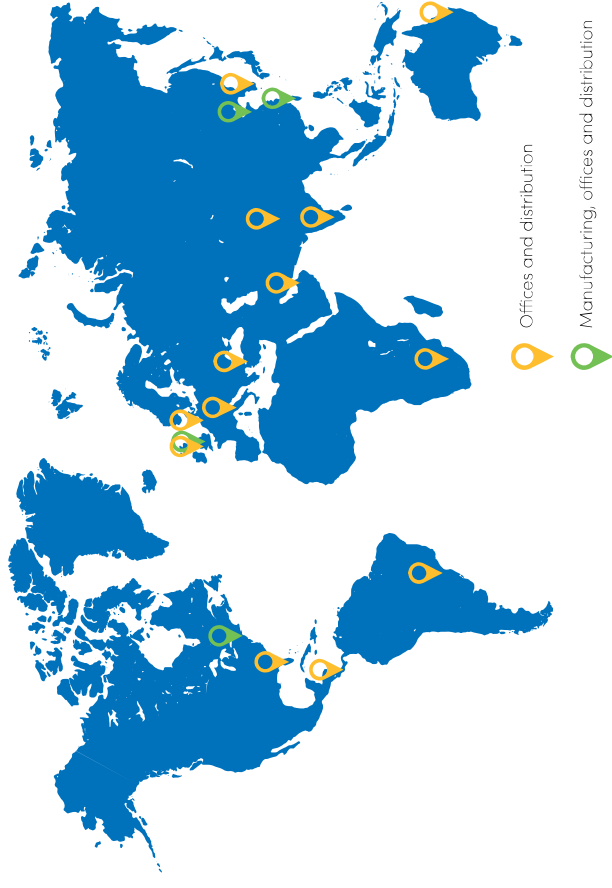
Our mission

Global Water Solutions mission is to develop and deliver innovative products and cutting-edge technologies for the movement and processing of water. We strive to provide the highest quality products, world-class service, efficient supply channels, and superior value to our customers.



Our locations

- | | | |
|--------------------------------|----------------------------|----------------------|
| 📍 Randolph, MASSACHUSETTS | 📍 San Pedro, LATIN AMERICA | 📍 Delhi, INDIA |
| 📍 Qingdao, CHINA | 📍 Contern, LUXEMBOURG | 📍 Bangalore, INDIA |
| 📍 Taichung, TAIWAN | 📍 Rubiera, ITALY | 📍 Sidney, AUSTRALIA |
| 📍 Woking, UNITED KINGDOM | 📍 Boksburg, SOUTH AFRICA | 📍 Dubai, MIDDLE EAST |
| 📍 Weeton, UNITED KINGDOM | 📍 Istanbul, TURKEY | 📍 Curitiba, BRAZIL |
| 📍 Bradenton, Florida (GWS USA) | 📍 Busan, SOUTH KOREA | |



Product

Certifications

TUV certification
website



TUV Rheinland®
Precisely Right.

GWS is the industry leader in approvals and certifications.

We provide a wide range of sanitary and structural certifications, as well as various country-specific approvals, ensuring our products meet or exceed global standards.

Additionally, we adhere to numerous regulatory compliances related to materials, conflict minerals, labor rights & environmental sustainability, packaging materials and more.

Certifications and approvals 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!



We have been awarded a Silver Medal from EcoVadis!
We are now in the **top 15% of the most sustainable companies**, as measured by one of the industry's top sustainability assessors.

PressureWave™

Multi-purpose maintenance-free pressure tanks

The PressureWave™ series is constructed of a virgin polypropylene liner combined with an FDA compliant high-grade butyl diaphragm, which 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, known 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.

Available in horizontal, vertical and inline.

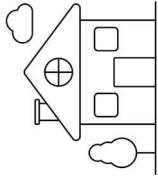


- Leak-free, O-ring sealed air valve cap
- High-grade butyl diaphragm design
- Dual layer polyurethane paint finish
- Reinforced engineered thermoplastic pump stand and feet
- Virgin polypropylene liner
- Patented stainless steel water connection
- Carbon steel shell
- RCP - reinforced connection plate for inline models from 8L to 35L

Nominal Volumes	2 - 150 L / 0.5 - 39.6 gal
Min. Operating Temperature	-10 °C / 14 °F (Avoid Freezing)
Max. Operating Temperature	90 °C / 194 °F
Max. Operating Pressure	10 bar 150 psi (Available in 16 and 25 bar as Max and UltraMax series)
Factory Pre-charge	1.9 bar 28 psi

PressureWave™ is suitable for

- ✓ Booster systems
- ✓ Thermal expansion
- ✓ Irrigation systems
- ✓ Hydraulic hammer arresting

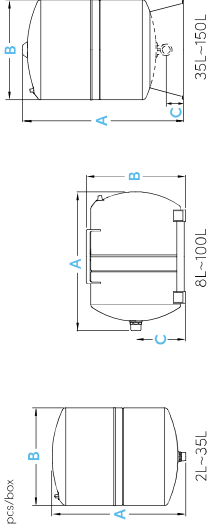


Models

Model Number		Connection	Nominal Volume		Installation Dimensions [mm]			Gross Weight [kg]
BSP	NPT		Liters	Gallons	A	B	C	
Inline								
PWB-2LX *	PWN-2LX *	1" BSPT / NPT	2	0.5	208	126	-	13.8 *
PWB-3LX **	PWN-3LX **	1" BSPT / NPT	3	0.8	243	143	-	9.1 **
PWB-4LX	PWN-4LX	1" BSPT / NPT	4	1.1	261	162	-	1.8
PWB-6LX ***	PWN-6LX ***	1" BSPT / NPT	6	1.6	290	178	-	8.1 ***
PWB-8LX	PWN-8LX	1" BSPT / NPT	8	2.1	314	202	-	2.5
PWB-12LX	PWN-12LX	1" BSPT / NPT	12	3.2	367	230	-	3.3
PWB-18LX	PWN-18LX	1" BSPT / NPT	18	4.8	367	279	-	4.2
PWB-24LX	PWN-24LX	1" BSPT / NPT	24	6.3	447	290	-	5.6
PWB-35LX	PWN-35LX	1" BSPT / NPT	35	9.2	483	318	-	7.4
Horizontal								
PWB-8LH	PWN-8LH	1" BSPT / NPT	8	2.1	312	231	115	2.9
PWB-12LH	PWN-12LH	1" BSPT / NPT	12	3.2	376	260	133	3.6
PWB-20LH	PWN-20LH	1" BSPT / NPT	20	5.3	447	292	145	5.1
PWB-24LH	PWN-24LH	1" BSPT / NPT	24	6.3	447	321	161	6.1
PWB-35LH	PWN-35LH	1" BSPT / NPT	35	9.2	481	353	179	8.0
PWB-60LH	PWN-60LH	1" BSPT / NPT	60	15.8	530	423	214	11.7
PWB-80LH	PWN-80LH	1" BSPT / NPT	80	21.1	726	424	214	16.5
PWB-100LH	PWN-100LH	1" BSPT / NPT	100	26.4	720	475	245	20.2
Vertical								
PWB-35LV	PWN-35LV	1" BSPP / NPT	35	9.2	556	318	65	7.9
PWB-60LV	PWN-60LV	1" BSPP / NPT	60	15.8	619	389	63	11.5
PWB-80LV	PWN-80LV	1" BSPP / NPT	80	21.5	815	389	63	16.6
PWB-100LV	PWN-100LV	1" BSPP / NPT	100	26.4	805	430	59	20.1
PWB-130LV	PWN-130LV	1" BSPP / NPT	130	34.3	1073	430	60	27.2

* PWB-2LX and PWN-2LX: 12 pcs/box
** PWB-3LX and PWN-3LX: 6 pcs/box
*** PWB-6LX and PWN-6LX: 4 pcs/box

Note: Minor dimensional variations may occur.



Construction of a 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
7. Carbon steel tank shell



SuperFlow™

Pressure tanks with replaceable membrane

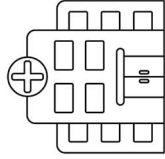


- Built-in pressure gauge
- Patented stainless steel water connection
- Lifting lugs for easy on-site movement
- Replaceable membrane design
- ISO9001, ISO14001, ISO45001 approved facility
- Carbon steel shell
- High-grade butyl membrane
- High-quality durable powder coat finish (3000L+)
- Two-part polyurethane, epoxy primed paint finish)

Nominal Volumes	50 – 10000 L / 13.2-2641 gal
Min. Operating Temperature	-10 °C / 14 °F (Avoid Freezing)
Max. Operating Temperature	90 °C / 194 °F
Max. Operating Pressure	SFB Series: 10 bar 150 psi SMB Series: 16 bar 232 psi SUB Series: 25 bar 362 psi
Factory Pre-charge	4 bar 58 psi

SuperFlow™ is suitable for

- ✓ High-rise buildings
- ✓ Commercial applications
- ✓ Water utility supplies
- ✓ High-volume applications

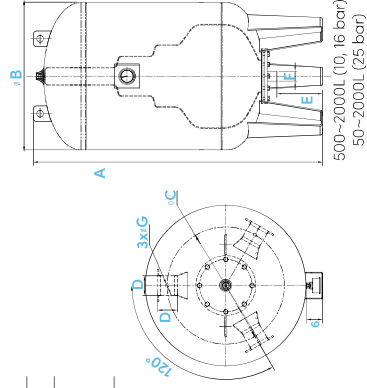


SuperFlow™ series tanks are ideally suited for applications where high-volumes and/or high-pressure ratings are required. These applications may include pressure booster systems, hot water circulation systems as well as water hammer arresting in high-rise and multistory buildings such as hotels, hospitals or business centers.

The interchangeable membrane design allows the end user to replace the membrane as required, while the built-in pressure gauge (available on 100 L/26.4 gal models and above) allows for easy and efficient pressure monitoring.

SuperFlow series tanks are designed to the EN13831:2007 technical standard and produced in accordance with the Pressure Equipment Directive 2014/68/EU.

SuperFlow series tank volumes range 50 – 10,000 L / 60 – 2,640 gal making SuperFlow one of the most comprehensive pressure tank lines globally.



Models



Model Number	Connection F	Nominal Volume [L]	Dimensions [mm]		Installation Dimensions [mm]				Gross Weight [kg]	
			A	B	C	D	E	G		
10 bar										
SFB-INT-100LV	1" BSPT (M)	100	897	480	350	60*60	170	14	20	
SFB-INT-150LV	1" BSPT (M)	150	933	590	460	60*60	150	14	25	
SFB-INT-200LV	1 1/4" BSPT (M)	200	1073	590	460	60*60	150	14	40	
SFB-INT-300LV	1 1/4" BSPT (M)	300	1238	680	480	60*70	217	14	51	
SFB-INT-500LV	1 1/4" BSPT (M)	500	1561	756	530	80*80	195	14	99	
SFB-INT-750LV	2" BSPT (M)	750	1834	756	530	80*80	190	14	121	
SFB-INT-850LV	2" BSPT (M)	850	1976	806	590	100*100	280	20	134	
SFB-INT-1000LV	2" BSPT (M)	1000	2376	806	590	100*100	280	20	169	
SFB-INT-1500LV	2" BSPT (M)	1500	2435	958	690	100*100	270	20	258	
SFB-INT-2000LV	2" BSPT (M)	2000	2505	1110	760	100*100	270	20	363	
SFB-INT-3000LV	DN150	3000	3175	1210	900	150*150	230	24	630	
SFB-INT-4000LV	DN150	4000	3378	1410	1050	150*150	230	24	747	
SFB-INT-5000LV	DN150	5000	3778	1410	1050	150*150	230	24	838	
SFB-INT-6000LV	DN150	6000	4578	1410	1050	150*150	230	24	978	
SFB-INT-10000LV	DN150	10000	5840	1610	1100	150*150	210	24	1380	
16 bar										
SMB-INT-100LV	1" BSPT (M)	100	899	353	480	60*60	170	14	31	
SMB-INT-150LV	1" BSPT (M)	150	935	590	460	60*60	150	14	41	
SMB-INT-200LV	1 1/4" BSPT (M)	200	1075	590	460	60*60	150	14	51	
SMB-INT-300LV	1 1/4" BSPT (M)	300	1240	680	480	60*70	217	14	65	
SMB-INT-500LV	1 1/4" BSPT (M)	500	1565	760	530	80*80	190	14	160	
SMB-INT-750LV	2" BSPT (M)	750	1862	760	530	80*80	190	14	187	
SMB-INT-850LV	2" BSPT (M)	850	1976	810	590	100*100	280	20	203	
SMB-INT-1000LV	2" BSPT (M)	1000	2376	810	590	100*100	280	20	258	
SMB-INT-1500LV	2" BSPT (M)	1500	2443	962	690	100*100	270	20	362	
SMB-INT-2000LV	2" BSPT (M)	2000	2511	1116	760	100*100	270	20	572	
SMB-INT-3000LV	DN150	3000	3177	1212	900	150*150	230	24	710	
SMB-INT-4000LV	DN150	4000	3384	1416	1050	150*150	230	24	1051	
SMB-INT-5000LV	DN150	5000	3784	1416	1050	150*150	230	24	1185	
SMB-INT-6000LV	DN150	6000	4584	1416	1050	150*150	230	24	1408	
SMB-INT-10000LV	DN150	10000	5846	1616	1200	150*150	210	24	2036	
25 bar										
SUB-INT-50LV	1" BSPT (M)	50	740	380	295	60*60	130	14	26	
SUB-INT-60LV	1" BSPT (M)	60	820	380	295	60*60	130	14	28	
SUB-INT-80LV	1" BSPT (M)	80	965	460	350	60*60	130	14	57	
SUB-INT-100LV	1" BSPT (M)	100	985	460	350	60*60	130	14	58	
SUB-INT-150LV	1 1/4" BSPT (M)	150	1060	510	400	60*60	125	14	68	
SUB-INT-200LV	1 1/4" BSPT (M)	200	1109	612	460	60*60	115	14	115	
SUB-INT-300LV	1 1/4" BSPT (M)	300	1301	666	480	80*80	190	14	173	
SUB-INT-500LV	1 1/4" BSPT (M)	500	1594	766	530	80*80	190	14	237	
SUB-INT-750LV	2" BSPT (M)	750	1866	766	530	80*80	190	14	281	
SUB-INT-850LV	2" BSPT (M)	850	1984	816	590	100*100	280	20	325	
SUB-INT-1000LV	2" BSPT (M)	1000	2384	816	590	100*100	280	20	403	
SUB-INT-1500LV	2" BSPT (M)	1500	2447	970	690	100*100	270	20	581	
SUB-INT-2000LV	2" BSPT (M)	2000	2519	1124	760	100*100	270	20	831	
SUB-INT-3000LV	DN150	3000	3185	1220	900	150*150	230	24	1071	
SUB-INT-4000LV	DN150	4000	3388	1420	1050	150*150	230	24	1290	
SUB-INT-5000LV	DN150	5000	3788	1420	1050	150*150	230	24	1451	
SUB-INT-6000LV	DN150	6000	4588	1420	1050	150*150	230	24	1730	
SUB-INT-10000LV	DN150	10000	5854	1624	1200	150*150	210	24	2953	

Note: Minor dimensional variations may occur.