

PressureWave™ SERIES



FEATURES

- Single diaphragm design
- NSF Standard 61, CE/PED, WRAS, ACS, ISO:9001 approved
- Patented stainless steel water connection
- Virgin polypropylene liner
- Two part polyurethane, epoxy primed paint finish
- Leak free, o-ring sealed air valve cap
- Comprehensive testing
- No maintenance

PressureWave™ tanks are ideally suited for a wide range of applications, including booster systems, thermal expansion, irrigation systems, and hydraulic hammer arresting.

The PressureWave™ Series is constructed of a virgin polypropylene liner combined with an FDA approved 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 vessel.

On the exterior the almond colored two-part polyurethane paint finish over an epoxy undercoating provides hundreds of hours of UV and salt spray protection.

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

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

SPECIFICATIONS

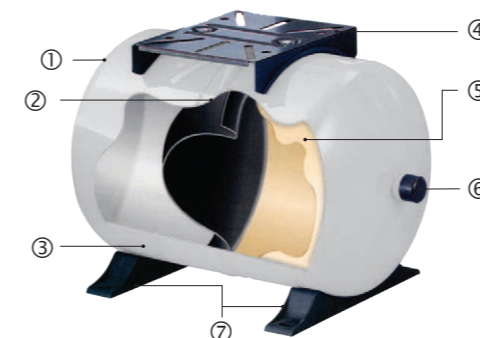
PressureWave™ Series Models

BSP	Nominal Volume		Shipping (box) Volume		Shipping (box) Weight		Dimensions					
	liter	gal	m ³	ft ³	kg	lbs	A		B		C	
	cm	inches	cm	inches	cm	inches	cm	inches	cm	inches	cm	inches
Vertical Models - Inline Models												
PWB-2LX*	2	0.5	0.06	2.12	13.60	29.98	20.90	8.23	12.60	4.96		
PWB-8LX	8	2.1	0.014	0.49	2.47	5.45	31.56	12.32	20.20	7.95		
PWB-12LX	12	3.2	0.023	0.81	3.21	7.08	36.70	14.45	23.00	9.06		
PWB-18LX	18	4.8	0.03	1.06	4.07	8.97	36.70	14.45	27.90	10.98		
PWB-24LX	24	6.3	0.042	1.48	5.52	12.17	44.70	17.60	29.00	11.42		
Vertical Models w/ base												
PWB-60LV	60	15.9	0.098	3.46	11.28	24.87	62.00	24.41	38.90	15.31	12.70	5.00
PWB-80LV	80	21.1	0.13	4.59	16.24	35.80	81.50	32.09	38.90	15.31	12.70	5.00
PWB-100LV	100	26.4	0.16	5.65	19.72	43.47	80.40	31.65	43.00	16.93	12.90	5.08
PWB-150LV	150	40.0	0.28	9.89	34.63	76.30	93.80	36.38	53.00	20.87	13.85	5.45
Horizontal Models												
PWB-24LH	24	6.3	0.047	1.65	6.00	13.23	44.70	17.60	32.10	12.64	16.10	6.34
PWB-35LH	35	9.3	0.061	2.15	7.80	17.20	48.10	18.94	35.30	13.90	17.90	7.05
PWB-60LH	60	15.9	0.09	3.18	11.51	25.37	53.00	20.87	42.40	16.69	21.50	8.46
PWB-80LH	80	21.1	0.13	4.59	16.22	35.76	72.60	28.58	42.40	16.69	21.50	8.46
PWB-100LH	100	26.4	0.16	5.65	19.84	43.74	72.00	28.35	47.50	18.70	24.50	9.65

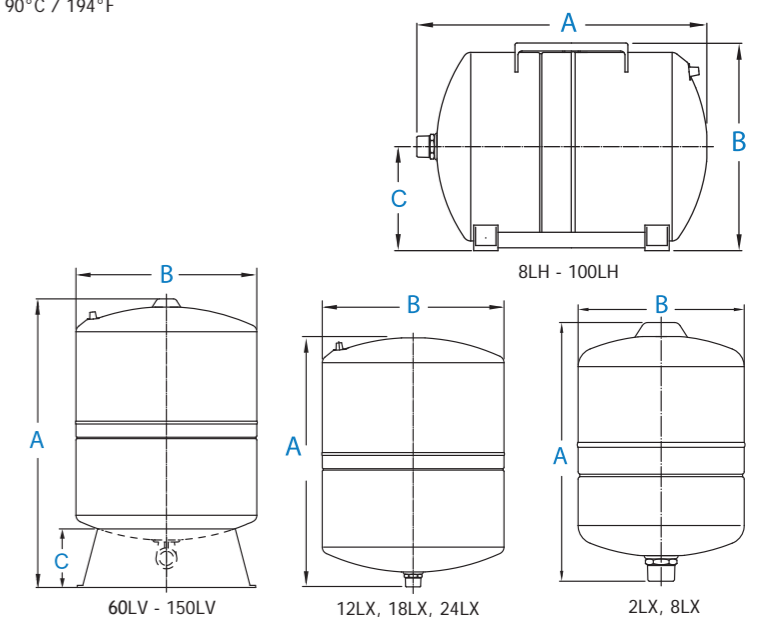
Standard System Connection: 1"

All connections are stainless steel unless stated otherwise. Tank precharge: 1.9 bar / 28 psi
 Maximum Working Pressure: 10 bar / 150 psi Maximum Working Temperature: 90°C / 194°F
 Available in 16 and 25 bar as Max™ and UltraMax™ Series
 Available in smaller sizes as HydroGuard™ Series
 * PWB-2LX and PWN-2LX: 12 pcs/ box

Note: Minor dimensional variation may occur



- ① Leak free, o-ring sealed air valve cap
- ② Single diaphragm design
- ③ Two part polyurethane, epoxy primed paint finish
- ④ Nylon Plastic Pump Stand
- ⑤ Virgin polypropylene liner
- ⑥ Patented stainless steel water connection
- ⑦ Plastic Tank Feet



ISO:9001

CE ACS Approved

WRAS APPROVED PRODUCT

NSF Certified to ANSISNSF 61

WWTET