

PressureWave™ SERIES



FEATURES

- Single diaphragm design
- NSF Standard 61, CE/PED, WRAS, ACS, ISO:9001, Gost, Evrazes 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		NPT		Shipping (box) Volume		Shipping (box) Weight		Dimensions					
Old Part Number	New Part Number	Old Part Number	New Part Number	cu. M	cu. ft	kilos	lbs	A		B		C	
				cm	inches	cm	inches	cm	inches	cm	inches	cm	inches
PWB8	PWB-8LX	PWN8	PWN-8LX	0.014	0.49	2.4	5.3	31.3	12.3	20.2	8.0		
PWB12	PWB-12LX	PWN12	PWN-12LX	0.023	0.81	3.1	6.8	38.3	15.1	23	9.1		
PWB18	PWB-18LX	PWN18	PWN-18LX	0.03	1.06	4.1	9.0	36.7	14.4	27.9	11.0		
PWB24	PWB-24LX	PWN24	PWN-24LX	0.042	1.48	5	11.0	44.7	17.6	29	11.4		
PWB35	PWB-35LX	PWN35	PWN-35LX	0.056	1.98	7	15.4	48.1	18.9	31.8	12.5		
Horizontal Models													
PWB8H	PWB-8LH	PWN8H	PWN-8LH	0.013	0.46	2.46	5.4	31.3	12.3	23	9.1	11.6	4.6
PWB12H	PWB-12LH	PWN12H	PWN-12LH	0.024	0.85	3.25	7.2	38.3	15.1	26	10.2	13	5.1
PWB20H	PWB-20LH	PWN20H	PWN-20LH	0.04	1.41	5	11.0	44.7	17.6	29.9	11.8	14.7	5.8
PWB24H	PWB-24LH	PWN24H	PWN-24LH	0.047	1.65	5.9	13.0	44.7	17.6	32	12.6	16.1	6.3
PWB35H	PWB-35LH	PWN35H	PWN-35LH	0.061	2.15	8.2	18.1	48.1	18.9	34.8	13.7	17.9	7.0
PWB60H	PWB-60LH	PWN60H	PWN-60LH	0.09	3.18	11.4	25.1	53.1	20.9	42.4	16.7	21.43	8.4
PWB80H	PWB-80LH	PWN80H	PWN-80LH	0.13	4.59	16.1	35.5	78.6	30.9	42.4	16.7	21.43	8.4
PWB100H	PWB-100LH	PWN100H	PWN-100LH	0.16	5.65	19.2	42.3	72.1	28.4	46.5	18.3	24.4	9.6
Vertical Models w/ base													
PWB35V	PWB-35LV	PWN35V	PWN-35LV	0.063	2.22	7.8	17.2	55.5	21.9	31.8	12.5	12	4.7
PWB60V	PWB-60LV	PWN60V	PWN-60LV	0.098	3.46	11.8	26.0	62	24.4	38.8	12.5	12.7	5
PWB80V	PWB-80LV	PWN80V	PWN-80LV	0.13	4.59	16.2	35.7	87.3	34.4	38.8	12.5	12.7	5
PWB100V	PWB-100LV	PWN100V	PWN-100LV	0.16	5.65	19.1	42.1	80.3	31.6	43	16.9	12.9	5.1
PWB150V	PWB-150LV	PWN150V	PWN-150LV	0.21	7.42	26.7	58.9	106.5	41.9	43	16.9	12.9	5.1

All connections are stainless steel unless stated otherwise. Tank precharge: 28psi/1.9 bar
 Maximum Working Pressure: 150 psi/10 bar Maximum Working Temperature: 200° F/ 90° C
 Available in 16 and 25 bar as Max™ and UltraMax™ Series
 Available in smaller sizes as HydroGuard™ Series

