



flowvess[®]

PWP Expansion Vessel

DATA SHEET

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Revision Date:



**10 Bar
Rated**
PRESSURE
RATING

CE
CE MARKED

PRODUCT OVERVIEW

Flowvess PWP Range

The **flowvess** PWP expansion vessels are ideally suited for a wide range of applications, including booster systems, thermal expansion, irrigation systems and hydraulic hammer arresting.

A wide range of sizes from 8 to 150 litres. The Flowvess PWP series is constructed of a 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 area 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 coloured two-part polyurethane paint finish over an epoxy undercoating provides hundreds of hours of UV and salt spray protection. All tanks are inspected frequently on the production line to ensure the structural integrity of every tank.

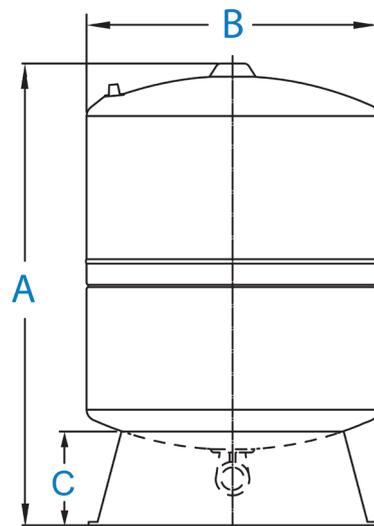
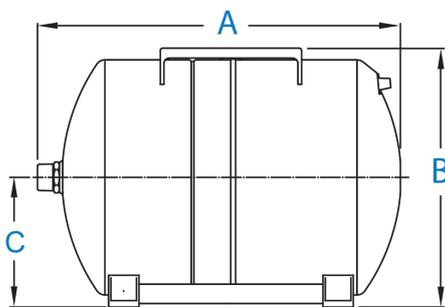
- Maximum Working Pressure: 10 bar Rated
- Capacity: 8 - 150 litre
- Maximum operating temperature: 90°C
- Single diaphragm design
- Each vessel is factory tested.
- Nitrogen gas filling for longer retention of pre-charge.

MODELS & DIMENSIONS DATA

MODEL	Litres	A	B	C	Connection	Weight Kgs
Horizontal						
flow ness PWP-H 8	8	313	232	116	1"	2.46
flow ness PWP-H 12	12	367	260	133	1"	3.56
flow ness PWP-H 20	20	447	292	145	1"	4.99
flow ness PWP-H 24	24	447	321	161	1"	6.00
flow ness PWP-H 35	35	481	353	179	1"	7.80
flow ness PWP-H 60	60	530	424	215	1"	11.51
flow ness PWP-H 80	80	726	424	215	1"	16.22
flow ness PWP-H 100	100	720	475	245	1"	19.84
Vertical						
flow ness PWP-V 35	35	555	318	120	1"	7.70
flow ness PWP-V 60	60	620	389	127	1"	11.28
flow ness PWP-V 80	80	815	389	127	1"	16.24
flow ness PWP-V 100	100	804	430	129	1"	19.72
flow ness PWP-V 130	130	1074	430	129	1"	26.65
flow ness PWP-V 150	150	938	530	139	1"	34.63

All dimensions in mm

DIMENSIONAL DRAWINGS & SCHEMATICS





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WATER SOLUTIONS

flowzone[®]

MEMBERS AREA

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Our member's will be granted exclusive access to our **flowview**[®] technical resource library. Within this resource is a wide range of product information including data sheets, technical drawings, O&M Manuals and training videos



flowcare[®]

AFTER SALES SERVICE

At **flowtech**[®] we operate a network of Service Engineers located throughout the UK who are supported by our offices located in Greater Manchester. The distribution of engineers means that in the majority of cases we are less than 4 hours away from attending a customer call out.

We place great emphasis on providing technical back up to support our Service Engineers in resolving some difficult operational and technical issues. We pride ourselves on completing a project on time, within budget and never leaving a problem unresolved, or a customer waiting. This quality of service has made us the first choice for our customers.

FOR FURTHER INFORMATION OR ASSISTANCE

contact us

Flowtech Water Solutions are experts in water services and water booster sets. We have continuously supplied a wide range of standard and custom products since being founded in 1996.

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