



flowvess[®]

PWF-H Expansion Vessel

DATA SHEET

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PRODUCT OVERVIEW

Flowvess PWF-H Range

The **flowvess** PWF-H Horizontal potable water expansion vessels for use in domestic or commercial sealed chilled and hot water systems.

A wide range of sizes from 24 to 500 litres. The Flowvess PWF-H expansion vessels are made of top-quality steel and epoxy powder coated in (RAL 9006) aluminium colour, the vessel incorporates a unique contoured, replaceable bladder.

Suitable for flow temperatures up to 100°C and addition of glycol-based anti-freeze up to 50%.

Materials for use in potable water systems must also be absolutely hygienic. In this regard, the following aspects play a part:

- 1 Protection of human health.
- 2 Possible transfer of smell and taste to the potable water.
- 3 Release of (harmful) substances into the potable water.

These aspects cannot be considered in isolation. Apart from the materials used, the design of the vessel, the membrane installed and even the production method of the vessels play an important part.

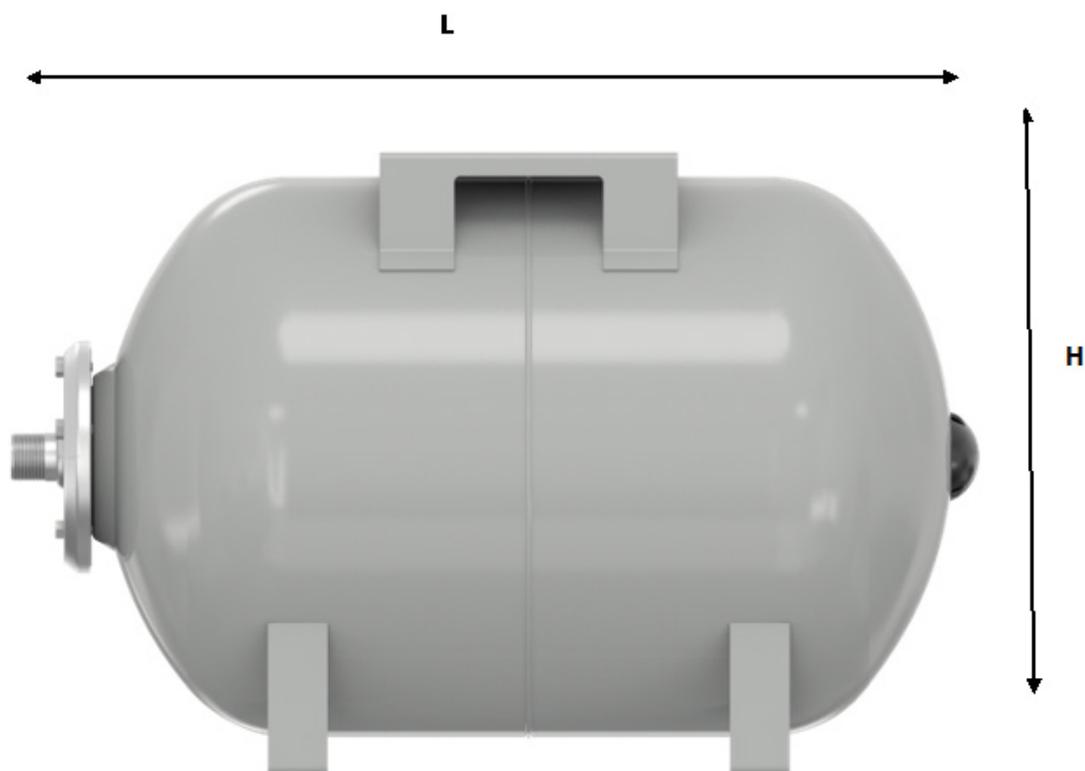
- Maximum Working Pressure: 10 bar Rated
- Capacity: 24 - 500 litre
- Maximum operating temperature: 100°C
- Suitable for addition of glycol-based anti-freeze up to 50%.
- Each vessel is factory tested.
- Nitrogen gas filling for longer retention of pre-charge.

MODELS & DIMENSIONS DATA

| MODEL | Litres | ØD | L | H | Connection | Weight Kgs |
|----------------------------|--------|-----|------|-----|------------|------------|
| flow vess PWF-H 24 | 24 | 260 | 485 | 280 | 3/4" | 4.7 |
| flow vess PWF-H 50 | 50 | 380 | 595 | 408 | 1" | 8.1 |
| flow vess PWF-H 60 | 60 | 380 | 720 | 408 | 1" | 10.4 |
| flow vess PWF-H 80 | 80 | 460 | 660 | 485 | 1" | 12.3 |
| flow vess PWF-H 100 | 100 | 460 | 780 | 485 | 1" | 14.0 |
| flow vess PWF-H 150 | 150 | 510 | 950 | 545 | 1" | 23.5 |
| flow vess PWF-H 200 | 200 | 590 | 940 | 635 | 1 1/4" | 34.2 |
| flow vess PWF-H 300 | 300 | 650 | 1150 | 700 | 1 1/4" | 44.0 |
| flow vess PWF-H 500 | 500 | 750 | 1420 | 820 | 1 1/4" | 58.0 |

All dimensions in mm

DIMENSIONAL DRAWINGS & SCHEMATICS





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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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