



flowvess[®]

PWF-V Expansion Vessel

DATA SHEET

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**10 Bar
Rated**
PRESSURE
RATING

CE
CE MARKED

PRODUCT OVERVIEW

Flowvess PWF-V Range

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

A wide range of sizes from 2 to 1000 litres. The Flowvess PWF-V 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: 2 - 1000 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	H	Connection	Weight Kgs
flow vess PWF-V 2	2	120	235	1/2"	1.15
flow vess PWF-V 3	3	170	240	3/4"	1.5
flow vess PWF-V 5	5	170	275	3/4"	1.7
flow vess PWF-V 8	8	220	305	3/4"	2.2
flow vess PWF-V 12	12	260	310	3/4"	2.9
flow vess PWF-V 16	16	260	345	3/4"	3.4
flow vess PWF-V 18	18	260	375	3/4"	3.5
flow vess PWF-V 24	24	260	485	3/4"	4.3
flow vess PWF-V 35	35	380	470	1"	8.0
flow vess PWF-V 50	50	380	720	1"	9.9
flow vess PWF-V 60	60	380	830	1"	12.1
flow vess PWF-V 80	80	460	860	1"	14.0
flow vess PWF-V 100	100	460	880	1"	16.0
flow vess PWF-V 150	150	510	1030	1"	25.5
flow vess PWF-V 200	200	590	1070	1 1/4"	37.5
flow vess PWF-V 300	300	650	1250	1 1/4"	50.5
flow vess PWF-V 500	500	750	1600	1 1/4"	86
flow vess PWF-V 750	750	800	1820	2"	153
flow vess PWF-V 1000	1000	800	2130	2 1/2"	183

All dimensions in mm

DIMENSIONAL DRAWINGS & SCHEMATICS





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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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