



# flowvess<sup>®</sup>

CHP-V Expansion Vessel

## DATA SHEET

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# PRODUCT OVERVIEW

## Flowvess CHP-V Range 5Yr Guarantee

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

Efficient and cost effective, Flowvess tanks are designed with a patented controlled action CAD2 diaphragm assembly. It features a chlorine resistant 100% butyl diaphragm with a precision moulded copolymer polypropylene liner for superior air and water separation.

The CAD2 diaphragm assembly is clenched together with a positive lock internal clench ring which contains drawdown water in a pre-charged air atmosphere, thus providing separation between the diaphragm and tank wall. This "air buffer" design means few problems with condensation. The two part polyurethane paint finish over an epoxy undercoating provides UV and salt spray protection.

Constructed with an FDA approved high grade butyl, the diaphragm assembly seals water in a true non-corrosive chamber.

- Suitable for Potable and Heating Applications
- Capacity: 60 - 450 litre
- Maximum operating temperature: 90°C
- Maximum working pressure: 10 bar
- Pre-charge: 1.4 bar
- System water connection (stainless steel)

# MODELS, DIMENSIONS & ELECTRICAL DATA

## DATA

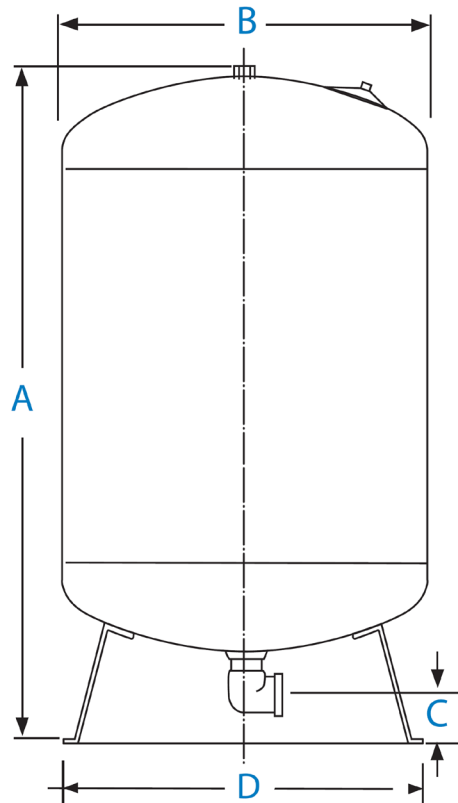
Flowvess CHP-V Range 5Yr Guarantee

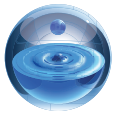
MODEL	A	B	C	D	Weight Empty	Weight Full	Connection
flowvess CHP-V 60	575	410	48	325	13	73	1.0"bspf
flowvess CHP-V 80	750	410	48	325	16	96	1.0"bspf
flowvess CHP-V 100	890	410	48	325	19	119	1.0"bspf
flowvess CHP-V 140	1100	410	48	325	23	153	1.0"bspf
flowvess CHP-V 200	1210	535	56	430	32	232	1.25" bspf
flowvess CHP-V 250	1210	535	56	430	37	277	1.25" bspf
flowvess CHP-V 300	1500	535	56	430	46	376	1.25" bspf
flowvess CHP-V 500	1530	660	56	430	70	520	1.25" bspf

All dimensions in mm

N.B Weight full assumes full volume capacity – Use this weight for floor loading calculations

## DIMENSIONAL DRAWINGS & SCHEMATICS





**flowtech**<sup>®</sup>  
WATER SOLUTIONS

# flowzone<sup>®</sup>

MEMBERS AREA

This section of the **flowtech**<sup>®</sup> website holds information exclusively for members. Members will need to log in to gain access to these pages.

Our member's will be granted exclusive access to our **flowview**<sup>®</sup> 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<sup>®</sup>

AFTER SALES SERVICE

At **flowtech**<sup>®</sup> 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.

### MANUFACTURE & SUPPLY

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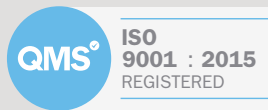
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