

## Technical submittal



Products: Burstock expansion vessel PV25W

Project:

Customer: Date:

- Floor standing expansion vessel
- 25 litres capacity
- 10bar max pressure
- Nitrogen pre-charged
- 1.7bar pre-charge pressure (Heating)
- 3.5bar pre-charge pressure (DHW)
- WRAS approved
- Butyl rubber diaphragm suitable for temperatures of 70°C



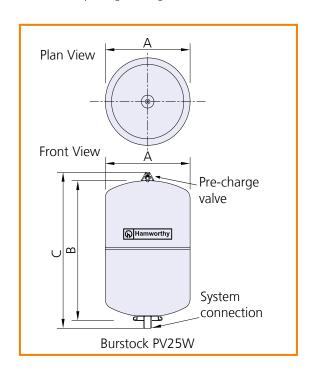
Model	Capacity (litres)	Connection size	Max pressure (bar)	Shipping weight (kg)	Pre-charge pressure (bar)		Dimensions			
					Heating	DHW	А	В	С	D
PV25W**	25	G¾"	10	5	1.7	3.5	280	448	499	N/A

<sup>\*\*</sup> Wall bracket kit variant available

Model no.	Vessel(s) capacity (litres)	· ·	upported for given vessel y (litres)	† Estimated max. installed boiler power for given vessel capacity (kW)			
	(iitres)	Water only	@10% antifreeze	Water only		@10% antifreeze	
PV25W**	25	302	266	30		26	

<sup>#</sup> Based on 80°C maximum flow temperature and factory pre-sets: Cold fill pressure = 1.8bar, vessel charge pressure = 1.7bar, acceptance volume factor 0.35, expansion factors: water 0.029, antifreeze @10% solution 0.0329.

<sup>†</sup> Estimated using 1kW of installed power for every 10 litres of system volume. Note that maximum system volume supported by a given vessel capacity is around 12% less for a system using antifreeze @10% solution in water when compared against using water alone.



Every effort has been taken to ensure the details are accurate. Hamworthy Heating does not, however, guarantee the accuracy or completeness of any information nor does it accept liability for any errors or omissions in the information. Hamworthy Heating reserves the right to make changes and improvements which may necessitate alteration to product specification without prior notice.