



AQUASYSTEM® REPLACEABLE MEMBRANE POTABLE WATER EXPANSION VESSELS

XVES050010	2Ltr
XVES050020	5Ltr
XVES050030	8Ltr
XVES050040	12Ltr
XVES050050	18Ltr
XVES050060	24Ltr
XVES050070	35Ltr
XVES050080	50Ltr
XVES050090	60Ltr
XVES050100	80Ltr
XVES050110	100Ltr
XVES050120	150Ltr
XVES050130	200Ltr
XVES050140	300Ltr
XVES050150	500Ltr
XVES050160	750Ltr
XVES050170	1000Ltr
XVES050180	1500Ltr
XVES050190	2000Ltr
XVES050200	3000Ltr
XVES050210	4000Ltr
XVES050220	5000Ltr



Overview

Range of expansion vessels from 2 to 5000 litre for potable water. Replaceable membrane allows the vessel to be serviced in situ.



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Features and Benefits

- Stainless steel bolted flange prevents corrosion
- Extra wide membrane opening prevents noise caused by restricted flow
- Internal membrane prevents any water contact with the steel shell, stopping internal corrosion
- Huge choice of products from 2 litre to 5000 litre to cover all applications
- All versions supplied with a replaceable membrane meaning the vessel can be serviced without being removed
- Complete with pre-charge valve for topping up air pressure

Approvals & Standards

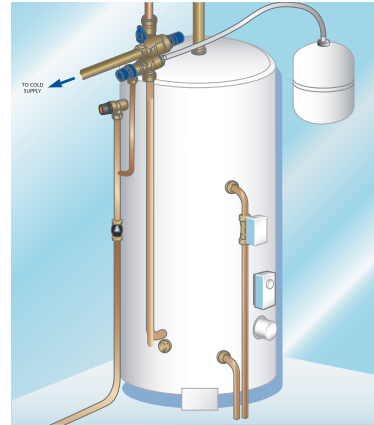
WRAS Approved up to 1000 Litres
 CE marked according to Directive PED 97/23/CE
 TUV Certified
 1000-5000 Litre models materials comply with BS 6920

Specifications

Maximum temperature 99°C
 Minimum temperature -10°C
 Maximum working pressure 10bar

Materials

Shell Epoxy coated steel
 Membrane EPDM
 Bolted Flange Stainless Steel



Typical installation for a Potable Vessel

Dimensions

Product Code	Capacity (Ltr)	Pre-set Pressure (Bar)	Water Connection	H-Height (mm)	DØ-Diameter (mm)	Colour	Line Drawing
XVES050010	2	3.0	3/4" MBSP	265	110	White	
XVES050020	5	3.0	3/4" MBSP	296	160	White	
XVES050030	8	3.0	3/4" MBSP	310	200	White	
XVES050040	12	3.0	3/4" MBSP	295	280	White	
XVES050050	18	3.0	3/4" MBSP	465	280	White	
XVES050060	24	3.0	3/4" MBSP	492	280	White	
XVES050070	35	3.0	3/4" MBSP	440	365	White	
XVES050080	50	3.0	3/4" MBSP	656	365	Blue	
XVES050090	60	3.5	1" MBSP	783	365	Blue	
XVES050100	80	3.5	1" MBSP	790	410	Blue	
XVES050110	100	3.5	1" MBSP	774	495	Blue	
XVES050120	150	3.5	1" MBSP	927	550	Blue	
XVES050130	200	3.5	1 1/4" MBSP	1020	600	Blue	
XVES050140	300	3.5	1 1/4" MBSP	1243	650	Blue	
XVES050150	500	3.5	1 1/4" MBSP	1493	750	Blue	
XVES050160	750	4.0	2" MBSP	1820	800	Red	
XVES050170	1000	4.0	2" MBSP	2250	800	Red	
XVES050180	1500	4.0	2" MBSP	2400	960	Red	
XVES050190	2000	4.0	2" MBSP	2500	1100	Red	
XVES050200	3000	4.0	DN65	2750	1200	Red	
XVES050210	4000	4.0	DN80	3220	1450	Red	
XVES050220	5000	4.0	DN80	3620	1450	Red	

2 - 35 Ltr can be installed in any orientation 50 - 5000 Ltr are all bottom entry only



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