



AQUASYSTEM® REPLACEABLE MEMBRANE POTABLE WATER EXPANSION VESSELS

XVES050010	2Ltr	XVES050150	500Ltr
XVES050020	5Ltr	XVES050160	750Ltr
XVES050030	8Ltr	XVES050170	1000Ltr
XVES050040	12Ltr	XVES050180	1500Ltr
XVES050050	18Ltr	XVES050190	2000Ltr
XVES050060	24Ltr	XVES050200	3000Ltr
XVES050070	35Ltr	XVES050210	4000Ltr
XVES050080	50Ltr	XVES050220	5000Ltr
XVES050090	60Ltr	With integral bracket	
XVES050100	80Ltr	XVES050035	8Ltr
XVES050110	100Ltr	XVES050045	12Ltr
XVES050120	150Ltr	XVES050055	18Ltr
XVES050130	200Ltr	XVES050065	24Ltr
XVES050140	300Ltr	XVES050075	35Ltr



OVERVIEW

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



WATER CONTROLS FOR A MODERN WORLD

RELIANCE

TEMPERATURE
CONTROL

FLOW
CONTROL

HEATING SYSTEM
COMPONENTS

WASHROOM
SYSTEMS

HEATING & COOLING
DISTRIBUTION SYSTEMS

PLUMBING
SYSTEMS

AQUASYSTEM® REPLACEABLE MEMBRANE POTABLE WATER EXPANSION VESSELS

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
- Suitable for both potable water and heating applications

SPECIFICATIONS

Maximum temperature:	99°C
Minimum temperature:	-10°C
Maximum working pressure:	10.0 bar

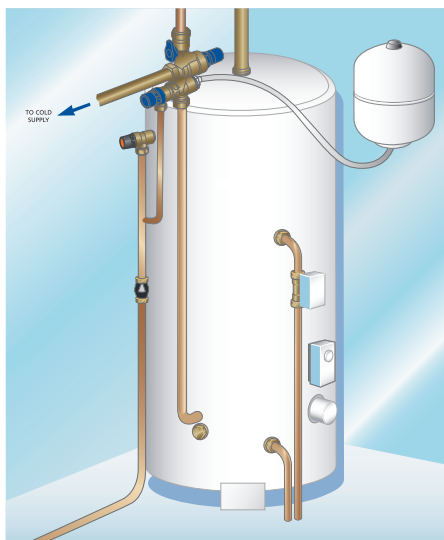
MATERIALS

Shell:	Epoxy coated steel
Membrane:	EPDM
Bolted Flange:	Stainless Steel

STANDARDS AND APPROVALS

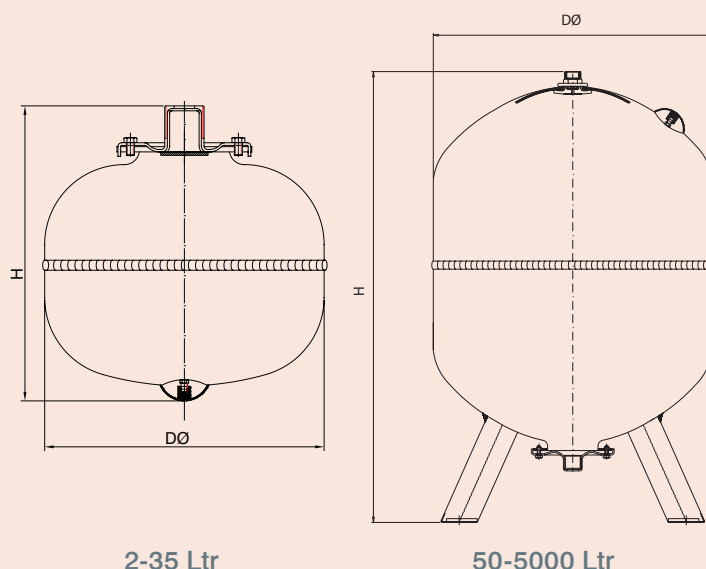
- WRAS Approved up to 1000 Litres
- CE marked according to Directive PED 97/23/CE
- TUV Certified
- 1000-5000 Litre models materials comply with BS 6920

TYPICAL INSTALLATION



DIMENSIONS

All dimensions in mm unless otherwise stated.



2-35 Ltr

50-5000 Ltr

Code	Capacity & Colour	Pre-Set Pressure (Bar)	Max Pressure (Bar)	Height	Diameter	Water Connection
XVES050010	White 2L	3.0	10.0	250mm	120mm	½" MBSP
XVES050020	White 5L	3.0	10.0	304mm	160mm	¾" MBSP
XVES050030 / XVES050035	White 8L	3.0	10.0	316mm	200mm	¾" MBSP
XVES050040 / XVES050045	White 12L	3.0	10.0	295mm	280mm	¾" MBSP
XVES050050 / XVES050055	White 18L	3.0	10.0	430mm	280mm	¾" MBSP
XVES050060 / XVES050065	White 24L	3.0	10.0	489mm	280mm	¾" MBSP
XVES050070 / XVES050075	White 35L	3.0	10.0	440mm	365mm	¾" MBSP
XVES050080	Blue 50L	3.0	10.0	656mm	365mm	¾" MBSP
XVES050090	Blue 60L	3.5	10.0	783mm	365mm	1" MBSP
XVES050100	Blue 80L	3.5	10.0	810mm	410mm	1" MBSP
XVES050110	Blue 100L	3.5	10.0	849mm	495mm	1" MBSP
XVES050120	Blue 150L	3.5	10.0	975mm	550mm	1" MBSP
XVES050130	Blue 200L	3.5	10.0	1085mm	600mm	1¼" MBSP
XVES050140	Blue 300L	3.5	10.0	1240mm	650mm	1¼" MBSP
XVES050150	Blue 500L	3.5	10.0	1490mm	750mm	1¼" MBSP
XVES050160	Red 750L	4.0	10.0	1820mm	800mm	2" MBSP
XVES050170	Red 1000L	4.0	10.0	2160mm	800mm	2" MBSP
XVES050180	Red 1500L	4.0	10.0	2360mm	960mm	2" MBSP
XVES050190	Red 2000L	4.0	10.0	2555mm	1100mm	2" MBSP
XVES050200	Red 3000L	4.0	10.0	2790mm	1200mm	DN65
XVES050210	Red 4000L	4.0	10.0	3200mm	1450mm	DN80
XVES050220	Red 5000L	4.0	10.0	3350mm	1500mm	DN80