

Aquasystem® Heating Expansion Vessels

Stainless steel expansion vessel for heating applications

Overview

Reliance Valves Aquasystem Heating Expansion Vessels are available from 2 litres to 5000 litres capacity with maximum pressure bar ranging from 8.0 - 10.0.

Designed with replaceable membranes, the Aquasystem range allows servicing in situ, preventing water contact with the steel expansion vessel shell to prevent internal corrosion and to extend life.

Features & 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
- A wide range from 2 to 5000 litres, covering all applications
- All versions supplied with a replaceable membrane so that the vessel can be serviced without being removed
- Pre-charge valve for topping up air pressure
- Suitable for heating applications only

Standards & approvals

CE marked according to Directive PED 97/23/CE

TUV Certified

Specifications

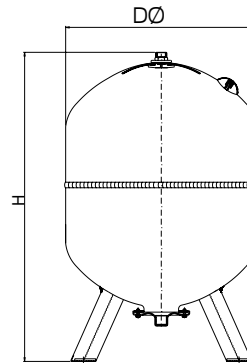
Maximum temperature	99°C
Minimum temperature	-10°C
Maximum working pressure	Up to 500 Ltr 8.0 bar / 750 Ltr and above 10.0 bar
Colour	Red

Materials

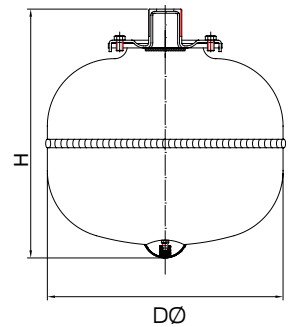
Shell	Epoxy coated steel
Membrane	EDPM
Bolted flange	Galvanised steel



Dimensions – All measurements in mm unless otherwise stated



50 - 5000 Ltr models



2-35 Ltr models

Product code	Colour	Capacity	Pre-set Pressure	Height (mm)	Diameter (mm)	Water Connection
XVES100010	Red	2 Ltr	1.0 bar	189	160	¾" MBSP
XVES100020	Red	5 Ltr	1.0 bar	304	160	¾" MBSP
XVES100030	Red	8Ltr	1.0 bar	316	200	¾" MBSP
XVES100040	Red	12Ltr	1.0 bar	295	280	¾" MBSP
XVES100050	Red	18Ltr	1.5 bar	430	280	¾" MBSP
XVES100060	Red	24Ltr	1.5 bar	489	280	¾" MBSP
XVES100070	Red	35Ltr	1.5 bar	440	365	¾" MBSP
XVES100080	Red	50Ltr	1.5 bar	364	365	¾" MBSP
XVES100090	Red	80 Ltr	1.5 bar	687	410	1" MBSP
XVES100100	Red	100 Ltr	1.5 bar	663	495	1" MBSP
XVES100110	Red	150 Ltr	1.5 bar	795	550	1" MBSP
XVES100120	Red	200 Ltr	1.5 bar	1085	600	1" MBSP
XVES100130	Red	250 Ltr	1.5 bar	1051	650	1" MBSP
XVES100140	Red	300 Ltr	1.5 bar	1212	650	1" MBSP
XVES100150	Red	500 Ltr	1.5 bar	1483	750	1¾" MBSP
XVES100160	Red	750 Ltr	4.0 bar	1820	800	2" MBSP
XVES100170	Red	1000 Ltr	4.0 bar	2160	800	2" MBSP
XVES100180	Red	1500 Ltr	4.0bar	2360	960	2" MBSP
XVES100190	Red	2000 Ltr	4.0 bar	2555	1100	2" MBSP
XVES100200	Red	3000 Ltr	4.0 bar	2790	1200	DN65
XVES100210	Red	4000 Ltr	4.0 bar	3200	1450	DN80
XVES100220	Red	5000 Ltr	4.0 bar	3645	1450	DN80

