

For sealed heating (acc. to EN12828) and cooling installations.

When the temperature in the installation rises, the system water will expand. The 'expansion water' is stored temporarily in the expansion vessel to keep the pressure in the installation at the correct level. Each vessel is factory tested.

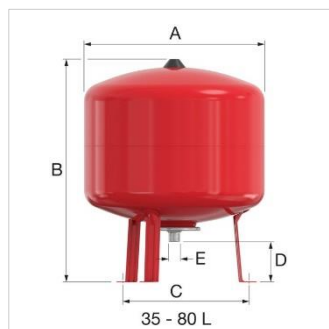
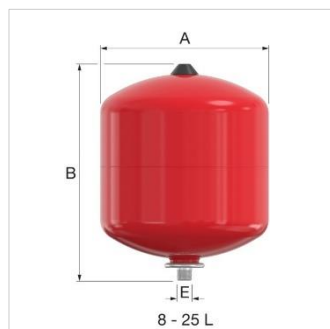


Advantages

- The thread of the system connection is uncoated, ensuring problem free connection.
- The fixed bag-type diaphragm prevents the water to come in contact with the bare steel of the vessel.
- Nitrogen gas filling for longer maintenance of pre-pressure.

Technical Specifications

- Maximum working pressure: 6.0 bar.
- Red (RAL 3002) epoxy powder coating.
- Vessels in accordance with EN13831.
- Suitable for systems with a maximum system temperature of 120 °C.
- Min. / max. temperature diaphragm: -10 / 70 °C.
- Diaphragm: EPDM.
- All welded construction.
- Zinc plated flange.
- Suitable for addition of glycol-based anti-freeze up to 50%.
- Suitable for addition of ethanol-based anti-freeze up to 30%.
- In accordance with Pressure Equipment Directive 2014/68/EU.
- Core Heating 35 - 1000: Standard equipped with legs.



Type	Capacity [l]	Pre-charge [bar]	Max. working pressure [bar]	Dimensions				Connection (E)	Weight [kg]	-	Order Code
				A [mm]	B [mm]	Ø C [mm]	D [mm]				
CORE Heating 8/1.5 [6bar]	8	1.5	6	235	272	-	-	G 3/4" M	1.5	105	CHV8L
CORE Heating 12/1.5 [6bar]	12	1.5	6	235	363	-	-	G 3/4" M	2.0	90	CHV12L
CORE Heating 18/1.5 [6bar]	18	1.5	6	290	375	-	-	G 3/4" M	2.5	60	CHV18L
CORE Heating 25/1.5 [6bar]	25	1.5	6	290	479	-	-	G 3/4" M	3.1	48	CHV25L
CORE Heating 35/1.5 [6bar]	35	1.5	6	390	482	330	70	G 3/4" M	4.5	24	CHV35L
CORE Heating 50/1.5 [6bar]	50	1.5	6	390	607	330	70	G 3/4" M	6.7	18	CHV50L
CORE Heating 80/1.5 [6bar]	80	1.5	6	390	854	330	70	G 3/4" M	8.1	15	CHV80L
CORE Heating 100/1.5 [6bar]	100	1.5	6	550	630	440	63	G 3/4" M	11.6	8	CHV100L
CORE Heating 150/1.5 [6bar]	150	1.5	6	550	837	440	63	G 3/4" M	15.8	8	CHV150L



For sealed heating installations (acc. to EN12828) and chilled water (cooling) installations.

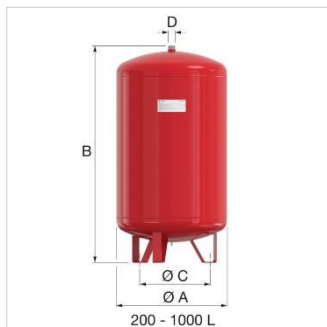
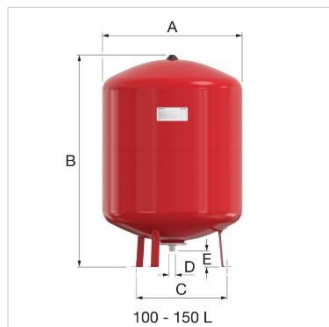



Advantages

- Nitrogen gas filling for longer maintenance of pre-pressure.
- Each vessel is factory tested.
- Diaphragm: Flexible rubber with rolling action.

Technical Specifications

- Maximum working pressure: 6.0 bar.
- Vessels in accordance with EN13831.
- Suitable for systems with a maximum system temperature of 120 °C.
- Min./ max. temperature diaphragm: -10 / 70 °C.
- Suitable for addition of glycol-based anti-freeze up to 50%.
- All welded construction.
- In accordance with Pressure Equipment Directive 2014/68/EU.
- Tilting height:
800L: 1865 mm.
1000L: 2195 mm.
- Red (RAL 3002) epoxy powder coating.



Type	Capacity [l]	Pre-charge [bar]	Dimensions				Syst. conn. (D)	Weight [kg]		Order Code
			Ø A [mm]	B [mm]	Ø C [mm]	E [mm]				
CORE Heating 200/1.5 [6bar]	200	1.5	484	1300	360	-	R 1"	27.5	8	CHV200L
CORE Heating 300/1.5 [6bar]	300	1.5	600	1330	450	-	R 1"	43.9	6	CHV300L
CORE Heating 400/1.5 [6bar]	400	1.5	790	1180	610	-	R 1"	57.1	1	CHV400L
CORE Heating 500/1.5 [6bar]	500	1.5	790	1330	610	-	R 1"	62.9	1	CHV500L
CORE Heating 600/1.5 [6bar]	600	1.5	790	1538	610	-	R 1"	69.7	1	CHV600L
CORE Heating 800/1.5 [6bar]	800	1.5	790	1888	610	-	R 1"	87.5	1	CHV800L
CORE Heating 1000/1.5 [6bar]	1000	1.5	790	2268	610	-	R 1"	100.9	1	CHV1000L

