

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.

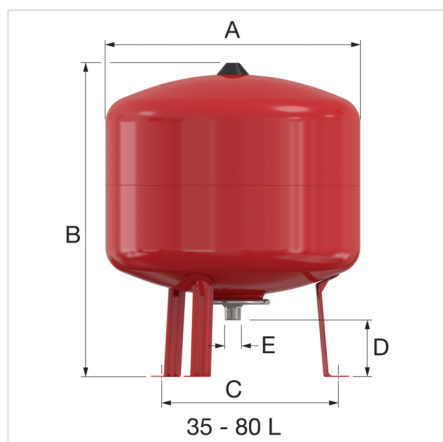
Technical Specifications

- Maximum working pressure: 6.0 bar.
- Red (RAL 3002) epoxy powder coating (also available in white (RAL9010)).
- 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%.
- In accordance with Pressure Equipment Directive 2014/68/EU.
- Baseflex 35 - 80: Standard equipped with legs.



Description	Baseflex exp. vessel 50/1.5 [6bar]	
Order Code	25306	
GTIN	08712874253063	
Model	<u>Baseflex 8 - 80</u>	
Capacity [l]	50	
Pre- charge [bar]	1.5	
Max. working pressure [bar]	6	
Dimensions	A [mm]	390
	B [mm]	607
	Ø C [mm]	330
	D [mm]	70
Syst. conn. (E)	G $\frac{3}{4}$ " M	
Weight [kg]	8.7	





Classification General Data

Etim Group	Pressure increase/decrease
Etim Class	Membrane pressure expansion vessel
Product Name	Baseflex exp. ves. 50L/1.5 [6bar]
Brand	FLAMCO
Product Type	Heating Welded vessel [6bar]
Order Code	25306
GTIN	08712874253063

Attributes

Diameter bolt hole	8
Suitable for central heating	Yes
Suitable for cooling	Yes
Suitable for tap water	No
Suitable for solar collector circuit	No
Volume	50 Litre
Pre-pressure	1.5 Bar
Max. operating pressure	6 Bar
Medium temperature (continuous)	-10 - 70 °C
With fixed wall support	No
Vertical positioning	Yes
Horizontal positioning	No
With legs	Yes
With exchangeable membrane	No
Nominal diameter expansion connection	3/4 inch (20)
Outer pipe diameter, expansion connection	26.9 Millimetre
Connection	External thread cylindrical BSPP-G (ISO 228-1)
Material membrane/bladder	Ethylene-propylene diene monomer rubber (EPDM)
Flange compression class	PN 16
With vessel manifold	No
Colour	Red
With drain	No
Diameter	390 Millimetre
Height	607 Millimetre
Tilting height	721.49 Millimetre
With pressure gauge	No
With safety valve	No
With mounting material	No
Max. glycol mixture	50 Percentage

Find more information online:

[Installation and operating instruction](#)
[Declaration of conformity PED 2014/68/EU](#)
[EU Declaration of Conformity Module A](#)
[Baseflex DWG](#)
[Baseflex STEP](#)
[Baseflex RFA](#)
[Catalogue as PDF](#)
[Packaging data](#)

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