25302 - Baseflex 18/1.5 [6bar]

Product Data Sheet 2026/11/22

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

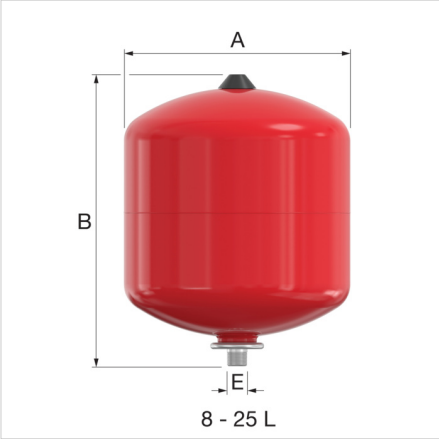
- Maximum working pressure: 6.0 bar.
- Red (RAL 3002) epoxy powder coating (also available in white (RAL9010)).
- Vessels in accordance with EN13831.
- Suitable for systems with a maximum system temperature of 120 °C.
- Min. / max. temperature diaphragm: -10 / 70 °C.
- Diaphragm: EPDM.
- All welded construction.
- Zinc plated flange.
- Suitable for addition of glycol-based anti-freeze up to 50%.
- Suitable for addition of ethanol-based anti-freeze up to 30%.
- In accordance with Pressure Equipment Directive 2014/68/EU.
- Baseflex 35 - 80: Standard equipped with legs.

Description		Baseflex 18/1.5 [6bar]
Order Code		25302
GTIN		8712874253025
Model		Baseflex 8 - 80
Capacity [l]		18
Pre- charge [bar]		1.5
Max. working pressure [bar]		6
Dimensions	A [mm]	290
	B [mm]	375
	Ø C [mm]	-
	D [mm]	-
Syst. conn. (E)		G $^{3}/_{4}$" M
Weight [kg]		3.4

© 2026 Aalberts hfc B.V. All rights reserved. We reserve the right to change designs and technical specifications of our products.

25302 - Baseflex 18/1.5 [6bar]

Product Data Sheet 2026/11/22







Classification General Data

Etim Group	Pressurization and expansion systems
Etim Class	Membrane pressure expansion vessel
Product Name	None
Brand	Flamco
Product Type	Heating Welded vessel [6bar]
Order Code	25302
GTIN	8712874253025

Attributes

Suitable for central heating	Yes
Suitable for cooling	Yes
Suitable for tap water	No
Suitable for solar collector circuit	No
Volume	18 l
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	No
With exchangeable membrane	No
Nominal diameter expansion connection	3/4 inch (20)
Outer pipe diameter, expansion connection	26.5 mm
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	290 mm
Height	375 mm
Tilting height	474.05 mm
With pressure gauge	No
With safety valve	No
With mounting material	No
Max. glycol mixture	50 %
Max. ethanol mixture	30 %

© 2026 Aalberts hfc B.V. All rights reserved. We reserve the right to change designs and technical specifications of our products.

Find more information online:

Installation and operating instruction
EU Declaration of conformity PED Module A
EU Declaration of conformity PED Module D1
Baseflex DWG
Baseflex STEP
Baseflex RFA
Catalogue as PDF (2018)
Packaging data

Fort Blauwkapel 1
1358 DB, Almere - nl

T +31 (0)36 52 62 300
E info@aalberts-hfc.com
I flamco.aalberts-hfc.com

© 2026 Aalberts hfc B.V. All rights reserved. We reserve the right to change designs and technical specifications of our products.