

High pressure alternative for use in sealed heating installations (acc. to EN12828) and chilled water (cooling) installations.

Advantages

- Diaphragm: butyl rubber.
- The unique clench ring construction clamps the diaphragm between the two vessel halves.
- Nitrogen gas filling for longer maintenance of pre-pressure.
- The ribbed profile on the diaphragm prevents it from sticking to the inside wall of the vessel and ensures inflow of expansion water at the slightest increase in pressure.
- Uncoated water connection thread ensures easy and water tight installation.
- Top quality steel.
- Finished with a gleaming epoxy-powder coating.
- Each vessel is factory tested.

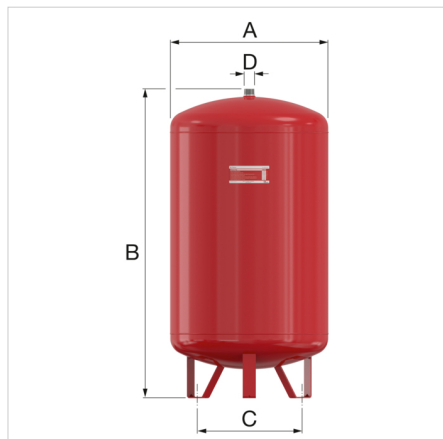
Technical Specifications

- Maximum working pressure: 10.0 bar.
- Vessels in accordance with EN13831.
- Suitable for systems with a maximum system temperature of 110 °C.
- Min./ max. temperature diaphragm: -10 / 90 °C.
- Suitable for addition of glycol-based anti-freeze up to 50%.
- In accordance with Pressure Equipment Directive 2014/68/EU.
- Tilting height:
800L: 1865 mm.
1000L: 2195 mm.
- All welded construction.
- Red (RAL 3002) epoxy powder coating.
- Flexcon Top 110 - 300: including mounting kit.



Description	Flexcon Top exp.ves. 425/1,5 [10bar]	
Order Code	16413	
GTIN	08712874164130	
Model	<u>Flexcon Top 110 - 1000 [10 bar]</u>	
Capacity [l]	425	
Pre-charge [bar]	1.5	
Dimensions	A [mm]	790
	B [mm]	1180
	Ø C [mm]	610
Syst. conn. (D)	R 1"	
Weight [kg]	84.9	





Classification General Data

Etim Group	Pressurization and expansion systems
Etim Class	Membrane pressure expansion vessel
Product Name	Flexcon Top exp.ves. 425/1,5 [10bar]
Brand	FLAMCO
Product Type	Heating vessel [10bar] 100 - 1000L
Order Code	16413
GTIN	08712874164130

Attributes

Suitable for central heating	Yes
Suitable for cooling	Yes
Suitable for tap water	No
Suitable for solar collector circuit	No
Volume	425 Litre
Pre-pressure	1.5 Bar
On base, vertical	No
On base, horizontal	Yes
Max. operating pressure	10 Bar
Medium temperature (continuous)	-10 - 90 °C
With fixed wall support	No
Vertical positioning	Yes
Horizontal positioning	No
With legs	Yes
With exchangeable membrane	No
Nominal diameter expansion connection	1 inch (25)
Outer pipe diameter, expansion connection	33 Millimetre
Connection	External thread conical BSPT-R (ISO 7-1 / EN 10226-1)
Material membrane/bladder	IIR (butyl)
With vessel manifold	No
Colour	Red
With drain	No
Diameter	790 Millimetre
Height	1180 Millimetre
Tilting height	1420.04 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](#)
[Declaration of conformity UKCA](#)
[Flexcon Top DWG](#)
[Flexcon Top STEP](#)
[Packaging data](#)

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