

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

Advantages

- Flexible diaphragms with rolling action.
- 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: 6.0 bar.
- Vessels in accordance with EN13831.
- Suitable for systems with a maximum system temperature of 110 °C.
- Min./ max. temperature diaphragm: -10 / 70 °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.
- Flexcon 110 - 300: including mounting kit.
- Red (RAL 3002) epoxy powder coating.



Description		Flexcon exp. vessel 1000/1,5 [6bar]
Order Code		16903
GTIN		8712874169036
Model		<u>Flexcon 110 - 1000 [6 bar]</u>
Capacity [l]		1000
Pre- charge [bar]		1.5
Dimensions	A [mm]	790
	B [mm]	2268
	Ø C [mm]	610
Syst. conn. (D)		R 1"
Weight [kg]		101.4





Classification General Data

Etim Group	Pressurization and expansion systems
Etim Class	Membrane pressure expansion vessel
Product Name	None
Brand	Flamco
Product Type	Heating vessel [6bar] 100 - 10.000L
Order Code	16903
GTIN	8712874169036

Attributes

Suitable for central heating	Yes
Suitable for cooling	Yes
Suitable for tap water	No
Suitable for solar collector circuit	No
Volume	1000 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	Yes
With exchangeable membrane	No
Nominal diameter expansion connection	1 inch (25)
Outer pipe diameter, expansion connection	33 mm
Connection	External thread conical BSPT-R (ISO 7-1 / EN 10226-1)
Material membrane/bladder	Ethylene-propylene diene monomer rubber (EPDM)
With vessel manifold	No
Colour	Red
With drain	No
Diameter	790 mm
Height	2268 mm
Tilting height	2401.65 mm
With pressure gauge	No
With safety valve	No
With mounting material	No
Max. glycol mixture	50 %

Find more information online:

[Installation and operating instruction](#)

[EU Declaration of conformity PED Module B + D / Category IV](#)

[Declaration of conformity UKCA](#)

[Flexcon 110-1000 6 bar ADSK Revit](#)

[Flexcon 110-1000 6 bar DWG](#)

[Flexcon 110-1000 6 bar IPT](#)

[Flexcon 110-1000 6 bar STEP](#)

[Packaging data](#)

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