

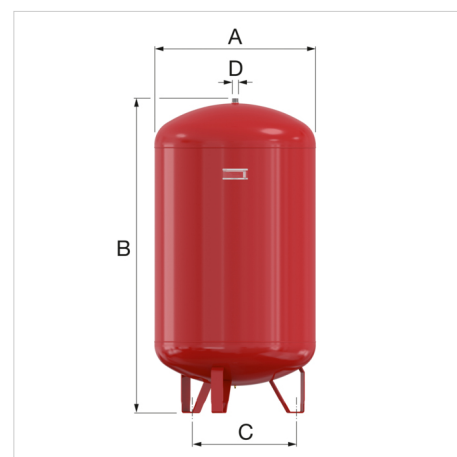
For sealed heating installations (acc. to EN12828) and chilled water (cooling) installations.

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 120 °C.
- Minimum / 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 140/2,5 [6bar]	
Order Code	16142	
GTIN	08712874161429	
Model	<u>Flexcon 110 - 1000</u>	
Capacity [l]	140	
Pre-charge [bar]	2.5	
Dimensions	A [mm]	484
	B [mm]	950
	Ø C [mm]	360
Syst. conn. (D)	R 1"	
Weight [kg]	20.1	

* Specify pre-charge pressure when ordering.





Classification General Data

Etim Group	Pressure increase/decrease
Etim Class	Membrane pressure expansion vessel
Product Name	Flexcon exp. vessel 140/2,5 [6bar]
Brand	Flamco
Product Type	140/2,5 [6bar]

Attributes

End pressure [bar]	6
Suitable for tap water	No
Volume [l]	140
Pre-pressure [bar]	2.5
With fixed wall support	No
Vertical positioning	Yes
Max. medium temperature (continuous) [°C]	70
Horizontal positioning	No
With legs	Yes
With exchangeable membrane	No
Nominal diameter expansion connection	1 inch (25)
Outer pipe diameter, expansion connection [mm]	33
Connection	External thread conical BSPT-R (ISO 7-1 / EN 10226-1)
Colour	Red
Diameter [mm]	484
Height [mm]	950

Find more information online:

[Installation and operating instruction](#)
[Declaration of conformity PED 2014/68/EU](#)
[PED Module D](#)
[PED Module D1](#)
[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](#)
[Export catalogue](#)
[Packaging data](#)

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