

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

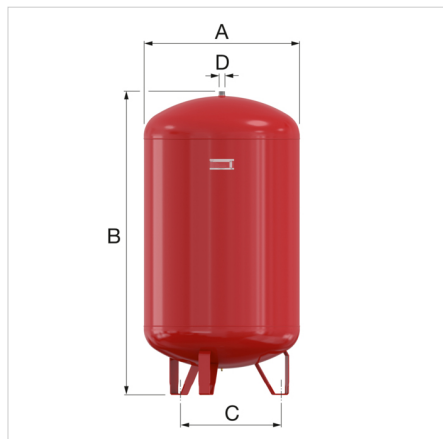
- Maximum working pressure: 6.0 bar.
- Vessels in accordance with EN13831.
- Suitable for systems with a maximum system temperature of 120 °C.
- Minimum / Min./ max. temperature diaphragm: -10 / 70 °C.
- Suitable for addition of glycol-based anti-freeze up to 50%.
- In accordance with Pressure Equipment 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 110/1,0 [6bar] | |
| Order Code | 16116 | |
| GTIN | 08712874161160 | |
| Model | <u>Flexcon 110 - 1000</u> | |
| Capacity [l] | 110 | |
| Pre-charge [bar] | 1.0 | |
| Dimensions | A [mm] | 484 |
| | B [mm] | 784 |
| | Ø C [mm] | 360 |
| Syst. conn. (D) | R 1" | |
| Weight [kg] | 19.1 | |

* 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 110/1,0 [6bar] |
| Brand | FLAMCO |
| Product Type | Heating vessel [6bar] 100 - 10.000L |
| Order Code | 16116 |
| GTIN | 08712874161160 |

Attributes

| | |
|--|---|
| Suitable for central heating | Yes |
| Suitable for cooling | Yes |
| Suitable for tap water | No |
| Suitable for solar collector circuit | No |
| Volume | 110 Litre |
| Pre-pressure | 1 Bar |
| On base, vertical | Yes |
| On base, horizontal | No |
| 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 Millimetre |
| Connection | External thread conical BSPT-R (ISO 7-1 / EN 10226-1) |
| Material membrane/bladder | SBR |
| With vessel manifold | No |
| Colour | Red |
| With drain | No |
| Diameter | 484 Millimetre |
| Height | 784 Millimetre |
| Tilting height | 921.36 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 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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