

# Product data sheet Spirotech

## Product name

**EVN Membrane pressure expansion vessel 100L**

## Product properties

Safety expansion vessel for closed heating and cooling systems, P max. 3 bar / T max. 70°C

- Tested according to the Pressure Equipment Directive 2014/68/EU.
- Max. temperature of the system without/with intermediate vessel: 90/110 °C.
- Max. temperature at the connection point: 70 °C.
- Max. working pressure: 3 bar.
- Allowed system medium: water or water/glycol mixture.
- Unique 5-year warranty period.

## Article number

**EVN100**

## Product image



## Product dimensions

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## ETIM product data

|   |  |
|---|--|
| Height                                    | 600 mm   |
| Volume                                    | 100 l  |
| Colour                                    | Other  |
| Diameter                                  | 600 mm   |
| Medium temperature (continuous)           | 0 - 70 °C  |
| Max. operating pressure                   | 3 bar  |
| Connection                                | Internal thread cylindrical BSPT-Rp (ISO 7-1 / EN 10226-1) |
| With pressure gauge                       | No   |
| With exchangeable membrane                | No   |
| Nominal diameter expansion connection     | 3/4 inch (20)  |
| Outer pipe diameter, expansion connection | 26.4 mm  |
| Horizontal positioning                    | No   |
| Suitable for central heating              | Yes  |
| Vertical positioning                      | Yes  |
| With legs                                 | No   |

|                                      |         |
|--------------------------------------|---------|
| Material membrane/bladder            | Other   |
| Flange compression class             | Other   |
| With vessel manifold                 | Yes     |
| With drain                           | No      |
| Tilting height                       | 653 mm  |
| With safety valve                    | No      |
| With mounting material               | Yes     |
| Max. glycol mixture                  | 60 %    |
| Suitable for tap water               | No      |
| Max. ethanol mixture                 | 60 %    |
| Suitable for solar collector circuit | No      |
| Pre-pressure                         | 0.8 bar |
| With fixed wall support              | Yes     |
| Suitable for cooling                 | Yes     |

### Disclaimer

This product sheet has been compiled with the greatest possible care. Nevertheless, it may contain errors or omissions. For the most current and correct information we refer you to our website

