

Potable water expansion vessels for use in domestic and commercial sealed chilled and hot water systems.

### Advantages

- Nitrogen gas filling for longer retention of pre-charge.
- With single threaded steel connection and plastic insert (no flow through function).

### Technical Specifications

- Maximum working pressure: 10.0 bar.
- Min./ max. working temperature (bladder): -10 / 100 °C.
- Suitable for addition of glycol-based anti-freeze up to 50%.
- In accordance with Pressure Equipment Directive 2014/68/EU.
- Colour: Coated aluminium (RAL 9006).
- Airfix P 50 - 300: With feet.



|                  |                                     |     |
|------------------|-------------------------------------|-----|
| Description      | Airfix P DHW exp.ves. 80/3,5[10bar] |     |
| Order Code       | 24861                               |     |
| GTIN             | 08712874248618                      |     |
| Model            | <u>Airfix P 2 - 300</u>             |     |
| Capacity [l]     | 80                                  |     |
| Pre-charge [bar] | 3.5                                 |     |
| Dimensions       | Ø [mm]                              | 460 |
|                  | H. [mm]                             | 760 |
| Connection       | G 1" M                              |     |
| Bladder          | EPDM                                |     |
| Weight [kg]      | 14.0                                |     |



**Classification General Data**

|                      |                                      |
|----------------------|--------------------------------------|
| <b>Etim Group</b>    | Pressure increase/decrease           |
| <b>Etim Class</b>    | Membrane pressure expansion vessel   |
| <b>Product Name</b>  | Airfix P DHW exp.ves. 80/3,5[10bar]  |
| <b>Brand</b>         | FLAMCO                               |
| <b>Product Type</b>  | Sanitary Repl. Diaph. [10/16/25 bar] |
| <b>Artikelnummer</b> | 24861                                |
| <b>GTIN</b>          | 08712874248618                       |

**Attributes**

|  |  |
|--|--|
| <b>Suitable for central heating</b>              | Yes  |
| <b>Suitable for cooling</b>                      | Yes  |
| <b>Suitable for tap water</b>                    | Yes  |
| <b>Suitable for tap water</b>                    | Yes  |
| <b>Suitable for solar collector circuit</b>      | No   |
| <b>Volume</b>                                    | 80 Litre                                       |
| <b>Pre-pressure</b>                              | 3.5 Bar  |
| <b>On base, vertical</b>                         | Yes  |
| <b>On base, horizontal</b>                       | No   |
| <b>Max. operating pressure</b>                   | 10 Bar   |
| <b>Medium temperature (continuous)</b>           | -10 - 100 °C                                   |
| <b>With fixed wall support</b>                   | No   |
| <b>Vertical positioning</b>                      | Yes  |
| <b>Horizontal positioning</b>                    | No   |
| <b>With legs</b>                                 | Yes  |
| <b>With exchangeable membrane</b>                | Yes  |
| <b>Nominal diameter expansion connection</b>     | 1 inch (25)                                    |
| <b>Outer pipe diameter, expansion connection</b> | 33 Millimetre                                  |
| <b>Connection</b>                                | External thread cylindrical BSPP-G (ISO 228-1) |
| <b>Material membrane/bladder</b>                 | Ethylene-propylene diene monomer rubber (EPDM) |
| <b>Flange compression class</b>                  | PN 16  |
| <b>With vessel manifold</b>                      | No   |
| <b>Colour</b>                                    | White  |
| <b>With drain</b>                                | No   |
| <b>Diameter</b>                                  | 460 Millimetre                                 |
| <b>Height</b>                                    | 760 Millimetre                                 |
| <b>Tilting height</b>                            | 888.37 Millimetre                              |
| <b>With pressure gauge</b>                       | No   |
| <b>With safety valve</b>                         | No   |
| <b>With mounting material</b>                    | No   |
| <b>Max. glycol mixture</b>                       | 50 Percentage                                  |
| <b>Max. ethanol mixture</b>                      | 50 Percentage                                  |

**Find more information online:**
[Installation and operating instruction](#)
[Certificate ACS P 2-12](#)
[Certificate ACS P 16-1000](#)
[WRAS Certificate](#)
[UKCA Declaration of Conformity A CIMM](#)
[UKCA Declaration of Conformity III](#)
[UKCA Declaration of Conformity III CIMM](#)
[UKCA Declaration of Conformity D CIMM](#)
[Airfix P 2-5 ADSK](#)
[Airfix P 2-5 DWG](#)
[Airfix P 2-5 IPT](#)
[Airfix P 2-5 STEP](#)
[Packaging data](#)

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