


# Expansion Vessels - Data Sheet



**Description:**

Diaphragm expansion vessels for pressurized sealed systems. Suitable to compensate the increase of volume of hot water. Endowed with a synthetic rubber membrane (SBR), they're approved and manufactured according to the Directive 97/23/CE, for hydronics and non-potable water.

**Technical:**

- Synthetic SBR rubber membrane for hot non potable water, approved by DIN 4807-3.
- Produced according to the Directive PED 97/23/CE, certificate n°Z-DDK-MUC-02-396876-01.
- Maximal working temperature +90°C

## Technical Data Table:

| Capacity litres | Diameter mm | Height mm | Max Pressure | Pre-Charge | Connection |
|-----------------|-------------|-----------|--------------|------------|------------|
| 4               | 225         | 195       | 5 bar        | 1.5 bar    | 3/4"G      |
| 8               | 220         | 295       | 5 bar        | 1.5 bar    | 3/4"G      |
| 12              | 294         | 281       | 4 bar        | 1.5 bar    | 3/4"G      |
| 18              | 290         | 400       | 4 bar        | 1.5 bar    | 3/4"G      |
| 24              | 324         | 415       | 4 bar        | 1.5 bar    | 3/4"G      |
| 35              | 404         | 408       | 4 bar        | 1.5 bar    | 3/4"G      |
| 50              | 404         | 530       | 4 bar        | 1.5 bar    | 3/4"G      |
| 80              | 450         | 608       | 6 bar        | 2 bar      | 3/4"G      |
| 105             | 500         | 665       | 6 bar        | 2 bar      | 3/4"G      |
| 150             | 500         | 897       | 6 bar        | 2 bar      | 3/4"G      |
| 200             | 600         | 812       | 6 bar        | 2.5 bar    | 3/4"G      |
| 250             | 630         | 957       | 6 bar        | 2.5 bar    | 3/4"G      |
| 300             | 630         | 1105      | 6 bar        | 2.5 bar    | 3/4"G      |
| 400             | 630         | 1450      | 6 bar        | 2.5 bar    | 3/4"G      |
| 500             | 750         | 1340      | 6 bar        | 2.5 bar    | 1"G        |
| 600             | 750         | 1555      | 6 bar        | 2.5 bar    | 1"G        |
| 700             | 750         | 1755      | 6 bar        | 2.5 bar    | 1"G        |
| 800             | 750         | 2145      | 6 bar        | 2.5 bar    | 1½"G       |

