



Expansion vessels for sanitary water type SEV

Expansion vessel for sanitary water (ACS) equipped with a bellows in EPDM, so that there is no contact between the system water and the steel vessel. The expansion vessel absorbs the pressure difference that occurs due to expansion of the water during heating of the water heater. The mounting of a sanitary expansion vessel prevents the frequent opening of the safety valve resulting in water loss.

Brand

Watts

Installation

The expansion vessel should be mounted as close as possible to the water heater on the cold water supply line, between the safety group and the cold water connection. No shut-off valve should be mounted between the water heater and the expansion vessel.

The complete installation and commissioning instructions can be found in the manual under "Downloads".

Specifications

- Operating temperature: -10°C to 100°C
- Maximum operating pressure: 10 bar (8 bar, SEV 18 and SEV 24)
- Pre-pressure: 3 bar
- Vessel material: steel
- Bellows material: EPDM

Accessories

Expansion vessel console, type **EVC SAN**

| | | Technical data | | | |
|--------------|------|----------------|-------------|-------------|-------------|
| Model | | SEV 8 | SEV 12 | SEV 18 | SEV 24 |
| Volume | l | 8 | 12 | 18 | 24 |
| Dimensions | mm | ø220 X 305H | ø260 X 315H | ø260 X 380H | ø260 X 490H |
| Connection | inch | 3/4" M | 3/4" M | 3/4" M | 1" M |
| Pre-pressure | bar | 3 | 3 | 3 | 3 |

**Notes**

Which type of expansion tank to apply to which water heater?

- Water heater 100 liters: SEV 8
- Water heater 150 liters: SEV 12
- Water heater 200 liters: SEV 18
- Water heater 300 liters: SEV 24

Determined at Tmax water heater 60°C and an input pressure of 4bar.