

## thermostatic mixing valve ATM 343

Part no. 78246

thermostatic mixing valves ATM



### benefits

- high accuracy, fast response
- with integrated scald protection
- maintenance-free
- ideal for showers and smaller underfloor heating circuits
- Cap with window and scale, can be lead-sealed (ideal for public facilities)

### Application

Universal units for controlling hot water in sanitary applications, solar-heated, tankless water heaters or for smaller underfloor heating circuits which are directly connected to the flow (max. 60 °C). Also for panel heating systems such as wall or underfloor heating systems which require a constant mixed water temperature to avoid damage to floors and pipes. Suitable for drinking water or water with up to 50 % glycol.

### Description

Thermostatic mixing valve as per EN 1111 with base made of brass and cap and control knob made of high-strength plastic. With temperature scale (20/43 °C or 35/60 °C) for easy adjustment of the temperature of the water to be mixed. A cap protects the control knob against improper operation; it can be lead-sealed to help prevent unwanted adjustments. The selected adjustment is visible through the window in the cap. If the cold water line is interrupted, the mixing valve automatically closes the hot water supply to help protect against scalding. The new chamber geometry also helps to avoid damage caused by overpressure during closing (backflow preventer at cold water end). The internal geometry as well as the materials used at the control surfaces help to ensure that control errors (for example, caused by lime deposits on the sealing surfaces) are practically excluded. ATM is maintenance-free.

### Technical Specifications

#### Operating temperature range

Medium: max. 90 °C

Medium: short-term 110 °C

#### Nominal pressure

max. 10 bar

#### dynamic operating pressure

max. 5 bar

#### Flow rate

Kvs: 1.6 m<sup>3</sup>/h

#### temperature stability

± 2 °C (EN 1111)

#### Material

Housing: brass (CW626N), dezincification-resistant

cap: Plastic (ABS)

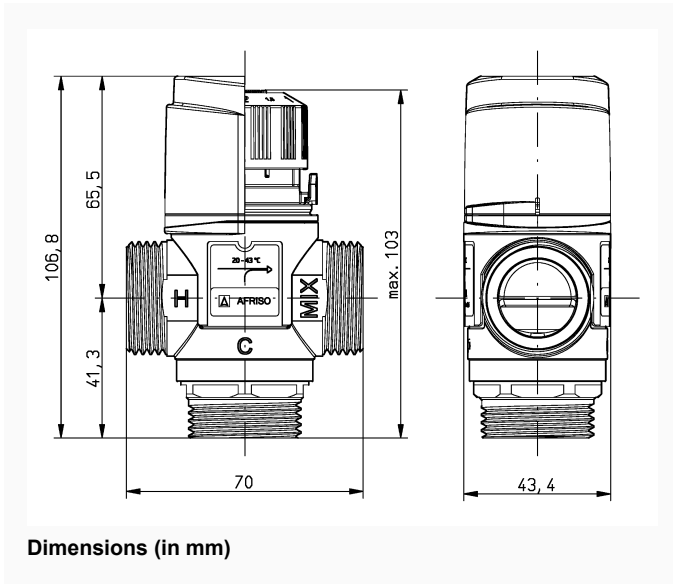
control knob: plastic (PBT)

seals: EPDM

#### Connection

see ordering table

**Technical Drawings**



**Versions**

|                                      | Nominal diameter | Flow coefficient Kvs  | Connection                         | temperature | Part no. |
|--------------------------------------|------------------|-----------------------|------------------------------------|-------------|----------|
| thermostatic mixing valve<br>ATM 343 | DN 15            | 1.6 m <sup>3</sup> /h | G <sup>3</sup> / <sub>4</sub> male | 35/60 °C    | 78246    |

- in-stock items
- Non-stock items