



Recirculation set for domestic water

INDEX

Recirculation set

400 002 001

Application

The device is designed for domestic water systems with hygienic tank with stainless steel coil equipped with a recirculation pump. The set includes a mixing valve with adjustable temperature.

Operation principles

The circulating set works by supplying domestic water to the point of use through the recirculation circuit. Domestic water is mixed with hot water in a Tee fitting at the outlet of the tank, and then mixed with cold domestic water through a thermostatic valve set to a preset temperature.

Technical data

- Max. temp.: **90°C**
- Max. operating pressure: **10 bar**
- Max. differential pressure: **3 bar**
- Adjustment range: **from 35°C up to 60°C**
- Connection: **ET ¾"**
- Connection - Recirculation: **ET ½"**
- Connection: **ET 1"**
- Material: **brass and stainless steel**

Assembly

Flush the circulating set before installing it. The recirculation set is connected directly to hot water from the tank. When installing the recirculation set, the applicable regulations, standards and guidelines must be followed.

Pressure loss curve

The pressure loss between hot water and mixed water is measured at 65°C, hot water temperature: 80°C, cold water temperature: 10°C.

