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BR 830 980

Freeze protection valve for safety showers



Technical description

Freeze protection valve for safety showers

- Stainless steel housing, polished, water connection 1/2" female, water outlet 1/2" female.
- integrated brass frost protection valve for automatic draining of the water supply line of safety showers at a preset operating range of 1 to 10 bar
- integrated brass thermocouple registers the water temperature present
- when the water temperature falls, the valve opens slowly from 2°C, the valve is fully open from 1°C
- with rising water temperatures, slow closing of the valve from 3°C, the valve is fully closed from 4°C onwards
- quick reaction to upcoming temperature changes for minimum water consumption
- insensitive to pressure fluctuations in the supply line
- easy installation due to key attachment

Manufacturer: B-SAFETY or equal

Article-No.: BR 830 980

Technical specifications

Operating pressure:	1 to 10 bar
Operating temperature:	max. 95°C
Switch point open:	1°C
Switch point close:	4°C
Water inlet:	1/2" female
Water outlet:	1/2" female
Dimensions (H x W x D):	106 x 32 x 32 mm

Material overview

Material

Material description

Housing:	stainless steel	AISI 304
Thermocouple:	brass	-

Product overview

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Mounting material	
BR 830 985	Connection adapter 3/4", T-piece, for protection valves, stainless steel. For wall-mounted body safety showers and safety shower combinations. Water connection: 3/4" female x 3/4" male x 1/2" male.
BR 830 986	Connection adapter 1 1/4", T-piece, for protection valves, stainless steel. For free-standing eye showers and safety showers. Water connection: 1 1/4" female x 1 1/4" male x 1/2" male.
BR 830 987	Connection adapter 1", T-piece, for protection valves, stainless steel. For self-draining free-standing eye showers and safety showers. Water connection: 1" female x 1" female x 1/2" male.