THERMOSTATIC SWITCH FOR SOLAR SYSTEMS

Thermostatic switch valve

Product informations

Switch valve designed to be installed in solar storage systems for the production of sanitary water, where it is necessary to divert the water to the thermostatic mixing valve or to the sanitary water production system according to the temperature. Equipped with a thermosensitive element that allows the valve to manage the high temperatures that can be generated in the solar storage and, working in close contact with the liquid, it guarantees rapid intervention times.

How does it work

The valve diverts the water in one way when its temperature is higher than the device calibration value and changes its direction as soon as the fluid temperature falls below this value; during the summer months, subject to strong radiation, the valve automatically diverts the hot water from the solar storage to the mixer and then to the utilities. As soon as the fluid temperature drops below the set value, the flow is diverted to the boiler, where it is heated before reaching the mixer and then the utilities.

Technical Features

MAXIMUM STATIC WORKING PRESSURE	10 BAR
MAXIMUM DYNAMIC WORKING PRESSURE	5 BAR

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MINIMUM CAPACITY (FOR CORRECT OPERATION)	9 L/MIN
MAXIMUM INLET TEMPERATURE	100°C
PRECISION	± 2°C
FLOW COEFFICIENT	1,4 + 1,5
COMPATIBLE FLUIDS	WATER
CONNECTION TO THE PIPE	THREAD ACCORDING TO ISO 228/1
MATERIALS	• BODY: UNI EN 12165 CW 602 CW 602 N (DRZ) CHROMED BRASS WITH EN12540 ELECTROLYTIC COATING • CAP: PBT • INTERNAL ORGANS: UNI EN 12164 CW 617 N - UDEL GF-120 NT • SPRINGS: AISI 302 STAINLESS STEEL • SEALING ELEMENTS: EPDM PEROXIDE • THERMOSENSITIVE ELEMENT: WAX
CONNECTION	3/4" M
DIMENSIONS	58 X 89 MM (WXH)

SKU	MODEL	PRICE
00000070964	THERMOSTATIC SWITCH FOR SOLAR SYSTEMS - 3/4" M	€184.65 VAT EXCLUDED

TECNOGAS
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