

CA189 MINI DESIGN THERMOSTATIC CARTRIDGE

The mini single temperature regulation polymer thermostatic cartridge for modern and elaborated designs.



The CA189 TECHNOLOGY

The CA189 is a world-class thermostatic regulation system within a mini design:

- recommended for all slim sanitary trends faucets,
- used in mixing valve for **temperature limitation**,
- include a special Vernet® thermostatic element,
- ensure the steadiest mixed outlet water temperature,
- withstand up to 35 bar (508 psi) under static pressures,
- made from high quality polymer that **resist scale build-up**,
- offer long life product efficiency,
- patented design.

The CA189 TEMPERATURE CONTROL

The CA189 ensures a steady & precise mixed outlet water temperature:

- temperature **regulation** range is **from 15°C to 45°C** (59°F to 113°F),
- preset at **comfort** temperature **point**: 38°C (100.4°F),
- provide an accurate and soft temperature setting sensitivity (34 to 42°C 93.2°F to 107.6°F),
- tailored for **temperature limitation** at 50°C (122°F), **disinfection** at 70°C (158°F) ...
- shut the water flow upon cold water supply failure.

The CA189 QUALITY & CERTIFICATIONS

Each cartridge is **individually checked** for stability, flow, operating torque, leakage and anti-scald function. **The CA189 range meets international standards*:**NF 077 / EN 1111 / ASSE 1016 / ASSE 1070 / ASSE 1047. Raw material is **certified ACS, KTW**.



TECHNICAL DATA

THE CA189 MINI DESIGN RANGE

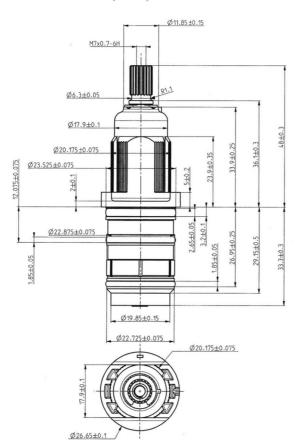
Standards	Application	Flow Rate
NF 77	Thermostatic faucets for Shower, Tub/shower, Sink.	@ 3 bar / 43,5 psi 12 l/min / 3,2 gpm (Res. A) 20 l/min / 5,3 gpm (Res. C)
EN 1111		
ASSE 1016		@ 3,12 bar / 45 psi differential 26,5 l/min / 7 gpm
ASSE 1070	Temperature limitation 49°C.	@ 3,12 bar / 45 psi differential 26,5 l/min / 7 gpm
ASSE 1017	Hot water distribution.	@ 0,7 bar / 10 psi differential 12,5 l/min / 3,3 gpm

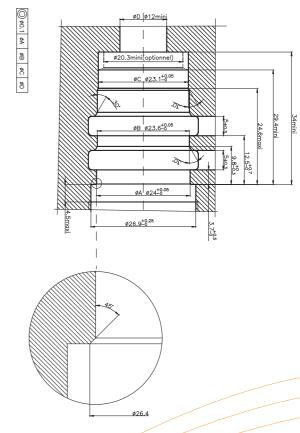
- * The compliance of the mixing valve with the standards does not only depend on the cartridge but also on the valve body and other devices constructions.
- Flow rate value at \pm 10% measured in a Vernet valve body at mid-temperature.
- Resistance A and C: according with EN1111.

CA189 Dimensions

CA189 Housing Recommendation

(in mm) (in mm)







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