

Description

Specific thermostatic mixing valve for point of use control requiring an aesthetic environment.

Designed to supply sinks, hand wash-basins or electronic faucets with immediate tempered water not exceeding a temperature set (factory preset: 38°C). MINIMIXing provides high security level against scalding and Legionella bacteria.

Applications in communities or in bathrooms: hospitals, nursing homes, hotels, schools, restaurants, laboratories, motorway services ... anywhere needing an excellent temperature management, particularly on start up of flow.

MINIMIXing

| Part Number | Thread | Connection | Sealing | Sealing | Weight |
|-------------|--------|---------------------------|---------------------------|---------------------------|----------|
| 2297320M2 | 3/8" | Female free nut | Male flat sealing | Male flat sealing | 0,405 kg |
| 2297321M2 | 1/2" | Male flat sealing | Male flat sealing | Male flat sealing | 0,395 kg |
| 2297323M2 | 1/2" | Compression fitting 15 mm | Compression fitting 15 mm | Compression fitting 15 mm | 0,460 kg |



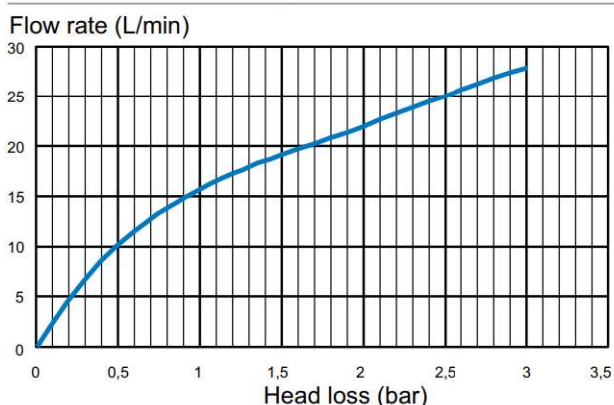
Accessories and replacement cartridge:

| Part Number | Designation | Weight |
|-------------|------------------------------------|---------|
| 22TCP6M2 | Replacement cartridge type: MINCP6 | 0,11 kg |
| 2297390K | 3/8" Swivel nut installation kit | 0,23 kg |
| 22TB120014 | Cartridge extractor | 0,20 kg |

Features and benefits

- extra compact size,
- aesthetic design with brass body chrome polished,
- easily installed directly on isolating wall-mounted tap,
- temperature set secured by hexagonal socket screw (Allen key),
- easy to replace modular adjustment mechanism (cartridge),
- graduated ring inside the body for temperature control by the installer or user,
- fitted with 2 approved check valves (KIWA, WRC, DVGW, BELGAQUA, NF...),
- incorporated stainless steel filters, integrated in the thermostatic cartridge,
- remarkable rapidity of reaction of the mechanism,
- in compliance with the European standard EN1111.

Pressure drop curve / headloss



| Technical characteristics | |
|---|-----------------|
| Maximum working pressure. | 10 bar |
| Minimum working pressure | 1 bar |
| Recommended working pressure | from 2 to 4 bar |
| Max. pressure difference between hot and cold water | 1.5 bar |
| Minimum difference between input temperatures | 10°C |
| Maximum hot water temperature | 85°C |
| Setting range | from 30 to 70°C |
| Factory preset temperature | 38°C |
| Flow under 3 bar | 28 l/min. |
| Minimum flow | 5 l/min |

| Materials | |
|------------------------|------------------|
| Body | brass CW617N-4MS |
| Cap | ABS |
| Thermostatic mechanism | ULTEM 1000 |
| Nut | brass CW617N |

Approvals

Attestation of sanitary conformity (ACS) - KIWA - BELGAQUA - EAC.

Anti-scald safety

High level of protection from scalding: instant failsafe in case of hot or cold water failure.

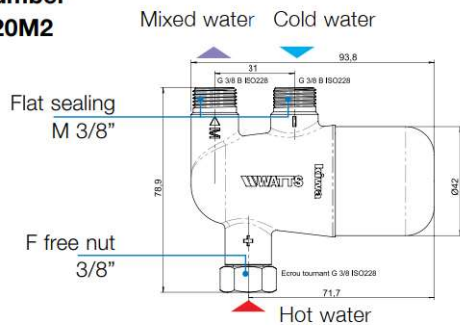
Protection against legionella

- Cartridge can be removed and replaced (for easier scale removal and disinfecting).
- Integral approved check-valves avoid connection risk between cold and hot water (withstanding temperatures above 90°C).
- Thermal shock : simply remove the protective cover and set the temperature with the Allen key to maximum hot position to allow hot water to circulate (kills bacteria above 60°C).
- The thermostatic mixing valve is delivered with a "rinsing cover kit": after removed the cartridge and place the rinsing cover kit, you can flush the valves with a disinfectant solution or with a water temperature up to 90°C without danger of damaging the thermostatic mechanism.

Dimensions

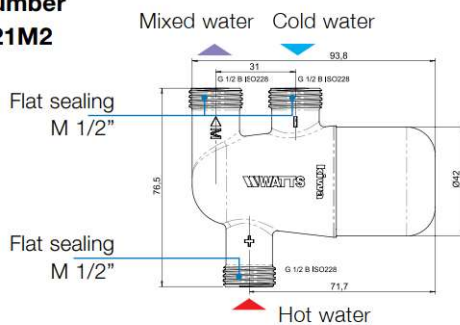
(mm)

3/8" (12x17) Male flat sealings / Female free nut
part number
2297320M2



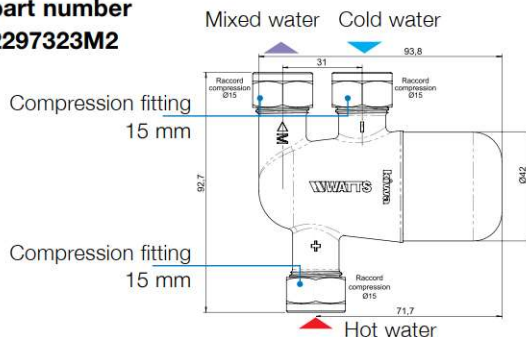
1/2" (15x21) Male flat sealings

part number
2297321M2



1/2" (15x21) Compression fittings

part number
2297323M2



Installations

Perpendicular to the wall



Rinsing kit

Exclusive benefit in case of preventive or curative treatment.
 (delivered with each MINIMIXing)

