

Thermostatic mixing valve compact for point of use

MINIMIXing

Technical Data Sheet



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

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



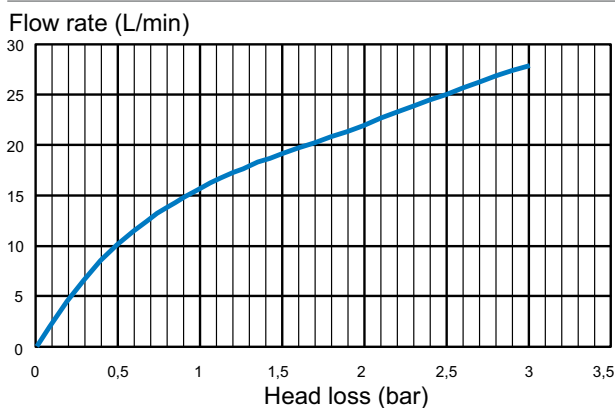
Accessories and replacement cartridge:

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



Flow rate (dynamic pressure at inlets)			
At	1 bar	2 bar	3 bar
Flow in L/min	16	22,5	28

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

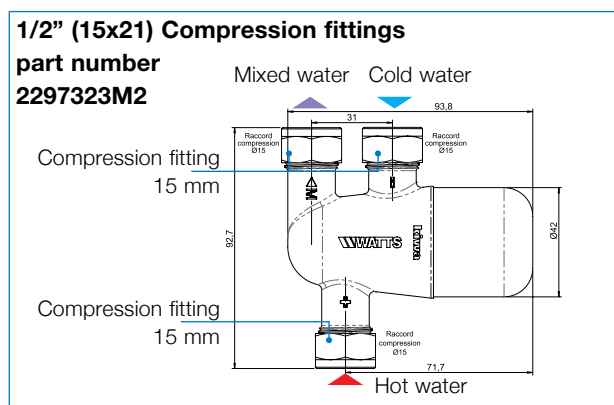
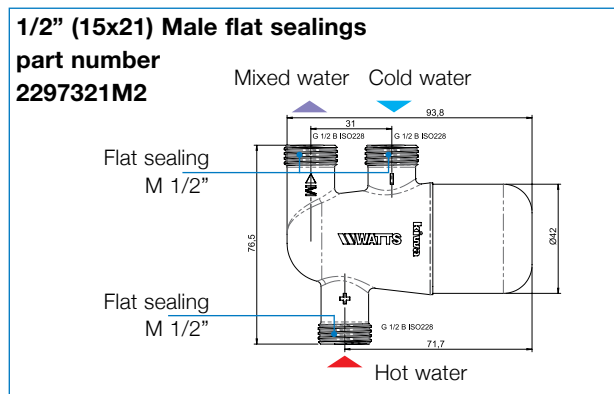
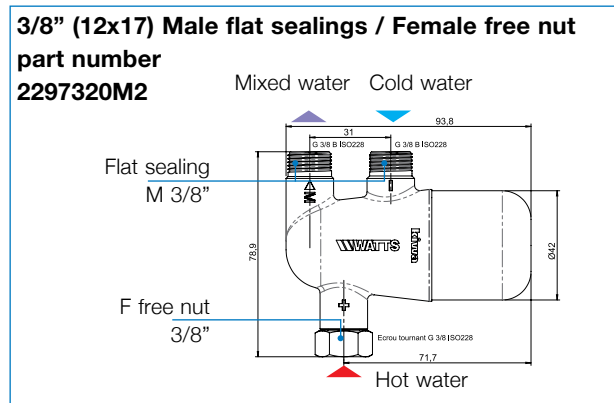
High level of protection from scalding: instant failsafe in case of hot or cold water failure.

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)



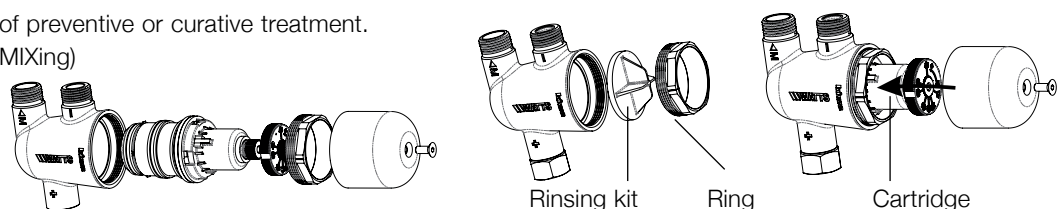
Installations

Perpendicular to the wall



Rinsing kit

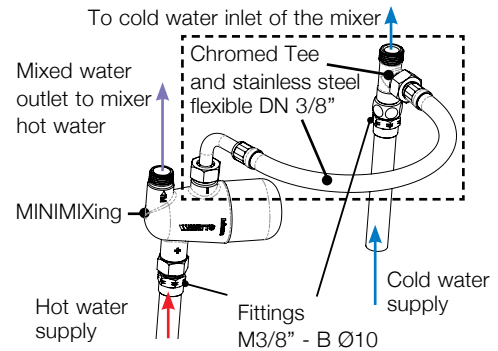
Exclusive benefit in case of preventive or curative treatment.
 (delivered with each MINIMIXing)



Swivel nut installation kit

Kit design to pick cold water of the installation to connect the thermostatic mixing valve, including a tee 3/8" MMF swivel nut + 1 stainless steel flexible DN8 30 cm angled FF3/8" swivel nut + 2 fittings M3/8" - B Ø10.

Part Number	Designation
2297390K	Swivel nut installation kit



MINIMIXing chromed kit

Complete kit for installation of thermostatic mixing valve MINIMIXing with 2 stop valves and chrome assembly (pipes, tee, nuts and seals). For installation perpendicular or parallel to the wall.

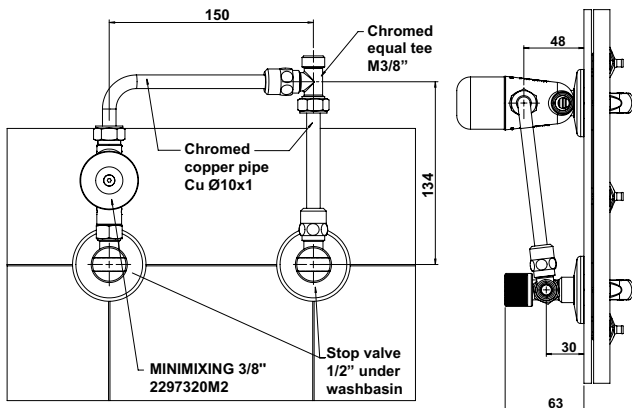
Composition :

- 1 thermostatic mixing valve MINIMIXing part number 2297320M2,
- 2 chromed taps with 2 stainless steel rosettes,
- 1 equal tee,
- 2 chromed nuts,
- 1 chromed copper pipe,
- 1 chromed copper pipe bent,
- 2 fiber seals,
- 1 rinsing kit.

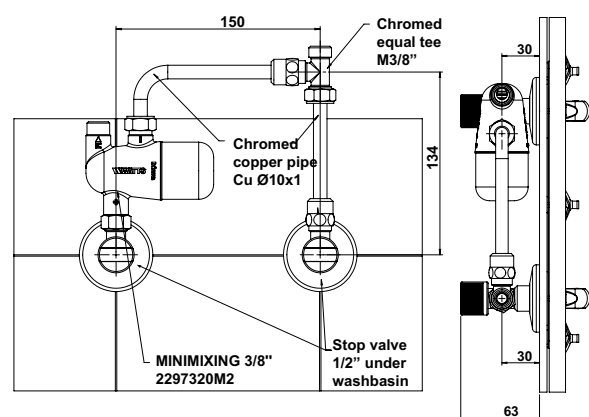


Part Number	Designation
2297392KM2	MINIMIXing chromed kit

Installation perpendicular to the wall



Installation parallel to the wall



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WATTS®

WATTS INDUSTRIES France

1590 avenue d'Orange • SORGUES 84275 VEDENE • FRANCE

Tél. +33 (0)4 90 33 28 28 • Fax +33 (0)4 90 33 28 29/39

contact@wattswater.com • www.wattswater.com