

Frese Mixing Valve MixCon

Application

MixCon is a fail-safe mixing valve for hot and cold water.

If the cold water fails the valve shuts off the hot water supply within 4 seconds.

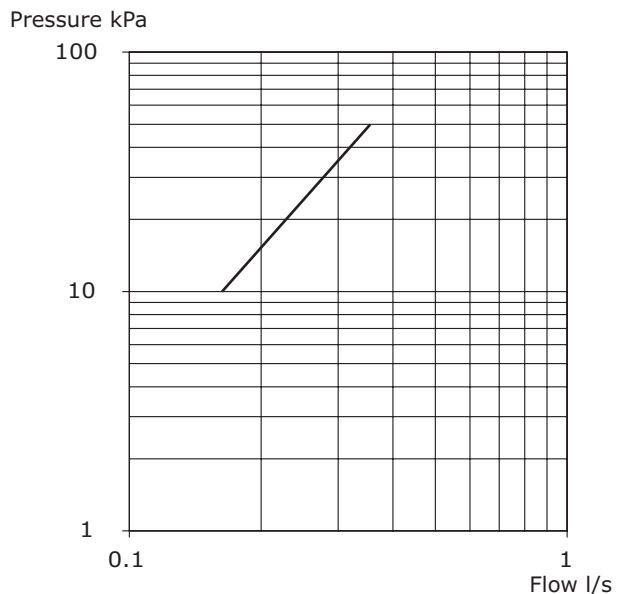
The mixed water temperature is set by turning the plastic control knob towards "+" to obtain higher temperatures, and towards "-" to obtain lower temperatures.

The temperature setting of the valve is locked by dismantling the handle and turning it 180°. Then replace the handle.

All MixCon mixing valves are tested separately and produced in accordance with the ISO 9001 Quality System to ensure uniform quality and functionality.



Pressure drop graph

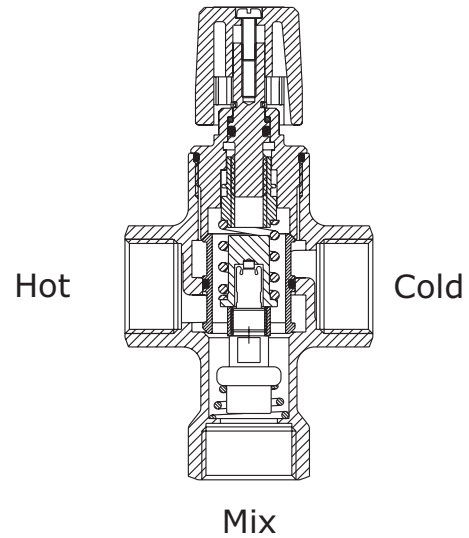


Hot water temperature: 50°C
 Cold water temperature: 12°C
 Mixed water temperature: 40°C

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Technical data

Valve body:	Brass
Control knob:	ABS, black
Springs:	Stainless steel
Element:	Wax
O-rings:	EPDM
Pressure range	
Max. pressure:	10 bar
Min. pressure:	0.2 bar
Max. pressure ratio:	5:1 (hot:cold or cold:hot)
Temperature	
Mixed water temperature:	30-60°C
Hot water temperature:	50-80°C
Cold water temperature:	5-30°C



The optimum protection against scalding is achieved if the mixed water temperature is at least 10°C below the hot water temperature.

Approval: Approved by the Danish VA-Authorities

Product programme/Dimensions

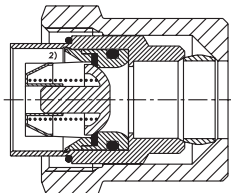
Dim.	Connection	Frese no.	H1 [mm]	H [mm]	L [mm]	Weight [g]
DN20	Ø18/Cu-tube	47-2601	62	140	90	700
DN20	DN20/fem/fem/fem*	47-2643	54	132	70	520
DN20	Ø15/Cu-tube	47-2677	61	139	88	690
DN20	Ø22/Cu-tube	47-2688	62	140	90	645

* 3/4" galvanized pipe

Accessories for male/male

Non-return cartridge	Frese no.
Ø15	38-0835
Ø22	38-0834

Non-return cartridge must be mounted on the hot and cold inlet, when installed in domestic water installations.



Section view of Non-return cartridge

