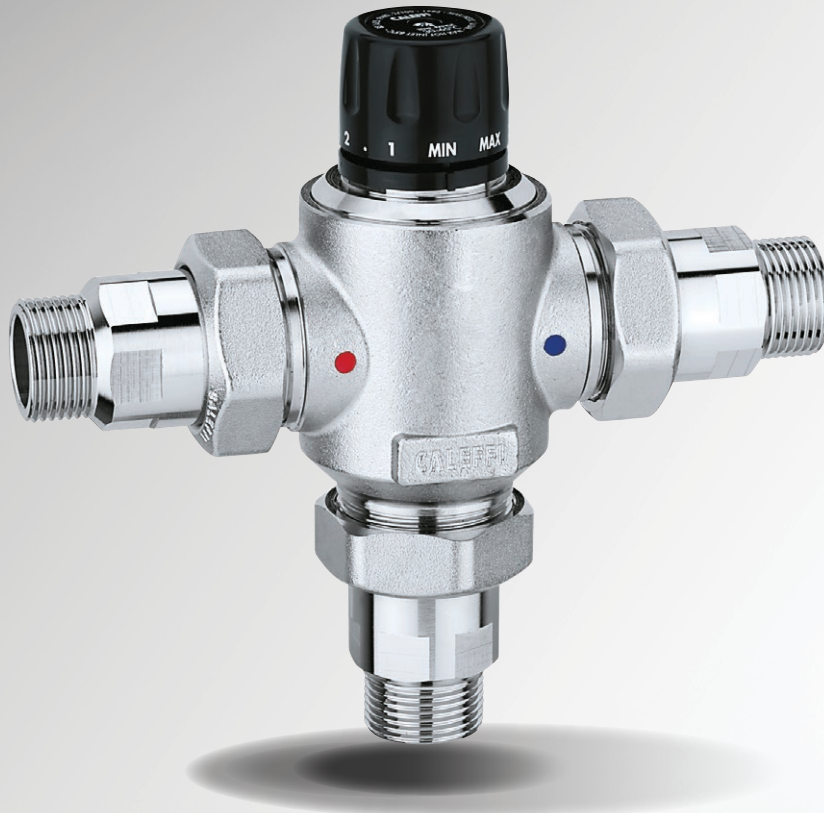




# COMMERCIAL MIXING VALVE

25MM - 50MM

**CALEFFI**  
Hydronic Solutions



## COMMERCIAL MIXING VALVE FOR NON-POTABLE SYSTEMS

### FUNCTION AND FEATURES

- Available 25mm - 50mm
- Superior flow rates
- Interchangeable cartridge; pre-assembled module for easy inspection and maintenance
- Control knob permits temperature setting and also has a tamper-proof locking system
- Non-stick components; PTFE coated internals for long term performance
- Highly responsive thermostat ensures superior temperature stability

## PRODUCT SPECIFICATIONS

The thermostatic mixer is used in systems for the production of hot water.

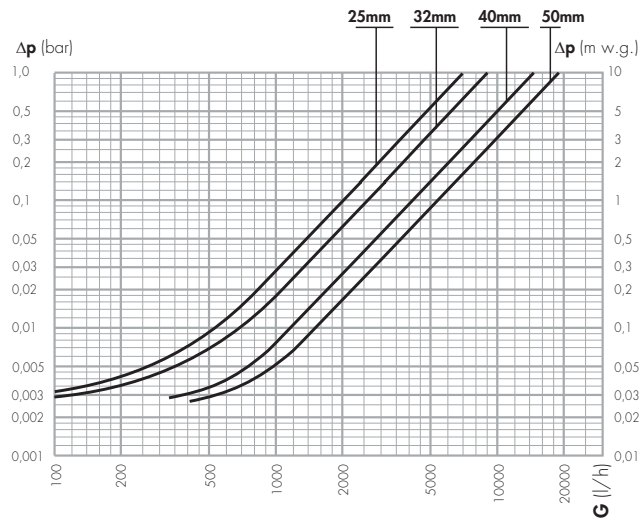
Its function is to maintain the temperature of the mixed water supplied to the points of use constant at the set value when there are variations in the temperature and supply pressure of the incoming hot and cold water or in the draw-off flow rate.

This particular series of mixers has been designed especially for systems which demand high flow rates, such as, for example, closed loop centralised systems, process applications, industrial heating, wash down areas etc.

These systems also require high accuracy and stability of temperature regulation, especially in relation to variations in the flow rate drawn off by the users.



## PRESSURE LOSS CHART

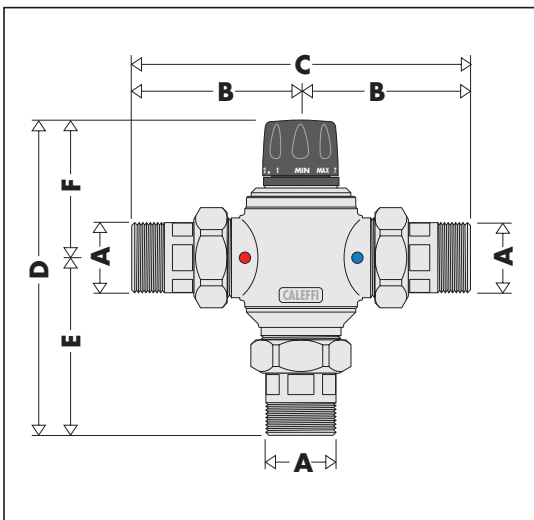


### TECHNICAL SPECIFICATIONS

TEMPERATURE ADJUSTMENT RANGE	30-65°C (25-32mm) 36-60°C (40-50mm)
TEMPERATURE CONTROL	± 2°C
MAX HOT INLET TEMPERATURE	85°C
MAXIMUM WORKING PRESSURE (STATIC)	1,400kPa
MAX DYNAMIC PRESSURE	500kPa
MAX UNBALANCED SUPPLY PRESSURE	2:1
MINIMUM FLOW RATE	25mm ≥ 14 l/m 32mm ≥ 17 l/m 40mm ≥ 47 l/m 50mm ≥ 50 l/m

\* 40mm & 50mm not supplied with inlet non-return valves

## DIAGRAM



CODE	523063	523073	523080	523090
A	25mm	32mm	40mm	50mm
B	101	101	129	129
C	202	202	258	258
D	195	195	243	243
E	107	107	135	135
F	88	88	108	108
WEIGHT	3.09	3.07	8.00	8.24



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