



MixCal™ THERMOSTATIC MIXING VALVE

CALEFFI
Hydronic Solutions



Plumbing

Protecting the system to protect your water



PRODUCT FEATURES

■ Large mixing chamber and thermostatic cartridge:

Enables precise mixed temperature stability during inlet temperature and pressure variations.

■ Installation flexibility:

1/2" - 1" sweat, NPT, Press and PEX barb union connections. Check valves and temperature gauge optional.

■ Anti-scale polymer materials:

Inhibits scaling on internal sliding surfaces, assuring stable temperature control and long life.

■ Tamper-proof adjustment setting lock:

Prevents tampering of the mixed water temperature setpoint.

■ Peroxide-cured seals:

Stands up to treated water, chlorine or chloramines.

■ Precisely manufactured:

Finely machined threads and double o-rings for smooth knob adjustment.

Stable mixed temperature performance with durable construction for long life

Due to the unique mixing chamber design, Caleffi MixCal™ produces very stable mixed water temperature as inlet temperatures and pressures vary. Scale formation is minimized via sliding surfaces constructed of an anti-scale polymer, thus guarding against seizing or erratic mixed temperatures. O-ring seals made from durable peroxide-cured EPDM resist wear from common water treatment additives such as chlorine and chloramines.

PRODUCT RANGE - MixCa™

| SIZES | OUTLET TEMP GAUGE | CODE | | | |
|-------|-------------------|------------|------------|------------|------------|
| | | NPT | SWEAT | PRESS | PEX Barb |
| 1/2" | -- | 521400A(C) | 521409A(C) | 521406A | 521407A(C) |
| | √ | 521410A(C) | 521419A(C) | 521416A | 521417A(C) |
| 3/4" | -- | 521500A(C) | 521509A(C) | 521506A(C) | 521507A(C) |
| | √ | 521510A(C) | 521519A(C) | 521516A(C) | 521517A(C) |
| 1" | -- | 521600A(C) | 521609A(C) | 521606A | 521607A(C) |
| | √ | 521610A(C) | 521619A(C) | 521616A | 521617A(C) |

(C) with inlet port check valves.

ASSE 1017
NSF 372

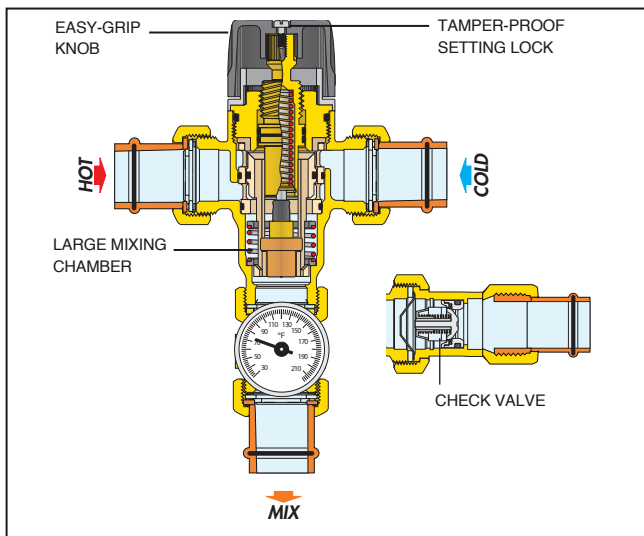
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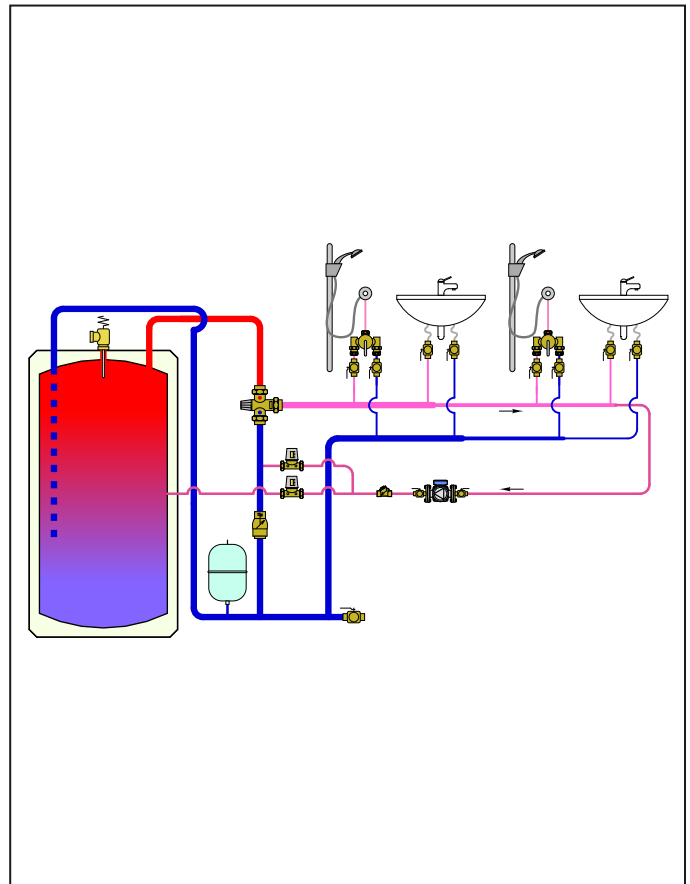
PERFORMANCE

| | |
|----------------------------------|----------------------|
| MAX. WORKING PRESSURE | 200 psi (14 bar) |
| SETTING TEMPERATURE RANGE | 85 — 150°F (30-65°C) |
| TOLERANCE | ±3°F (±2°C) |
| MAX. HOT WATER INLET TEMP. | 200°F (93°C) |
| MIN. FLOW FOR STABLE PERFORMANCE | 1.0 GPM (4 L/min) |

CONSTRUCTION



APPLICATION DIAGRAM



Caleffi Partner:



CALEFFI
Hydronic Solutions

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WE RESERVE THE RIGHT TO CHANGE OUR PRODUCTS AND THEIR RELEVANT TECHNICAL DATA, CONTAINED IN THIS PUBLICATION, AT ANY TIME AND WITHOUT PRIOR NOTICE.

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