



AngleMix™ DL

THERMOSTATIC MIXING VALVE
520 SERIES



Industry Exclusive Angle Body Design

The AngleMix DL simplifies installation and delivers precise mixed temperature down to 0.5 GPM for low-flow fixtures. Ensuring reliable performance and peace of mind on every installation. Complies with standards ASSE 1017, CSA B125.3, NSF/ANSI/CAN 372 and codes IPC, IRC, UPC, NPC. AngleMix™ DL also complies with ASSE 1070/ASME A112.1070/CSA B125.70. Certified by ICC-ES.

PRODUCT FEATURES

■ Dual-Listed Versatility:

Factory-set for ASSE 1070 installations, restricting the temperature to 120°F, converts to ASSE 1017 with a simple screw adjustment. Ultimate code compliance, and unparalleled flexibility.

■ Contractor Friendly Design:

Forget the elbow, the angle body pattern reduces fittings, saving contractors time and material expenses.

■ Stable Mixing at Low Flows:

Delivering consistent hot water down to 0.5 GPM, ensuring comfort and safety, even with modern low-flow fixtures. .

■ Consistent Temperature, Always:

Our unique design prevents temperature creep, ensuring reliable mixed water temperature, even during periods of non-use.

■ Simple, Embedded O-ring Seal:

Posi-Stop™ unions with integrated o-rings provide a fast, reliable and reusable connection. They are available in NPT, press, sweat, and PEX.

■ Precise Temperature Verification:

The integrated gauge provides visual confirmation of mixed water temperature with the integrated +/- 1% accuracy gauge.

PRODUCT RANGE - AngleMix™ DL



520 0000 DL

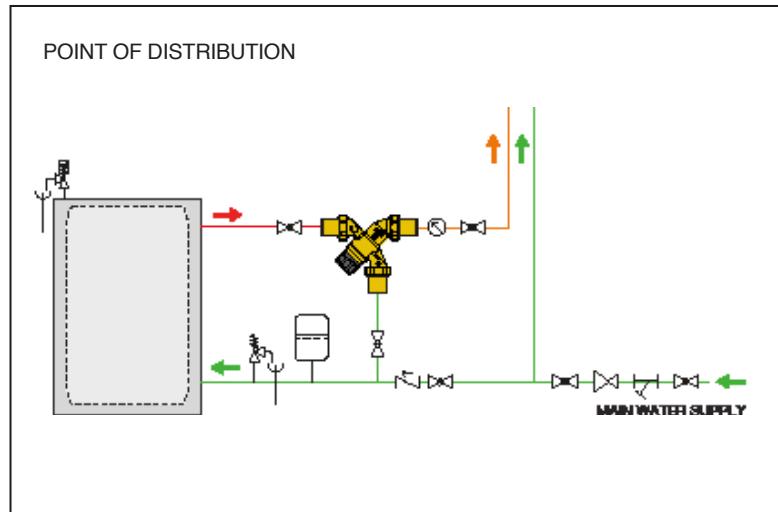


Family	Size	Product Type	Tailpiece Option	Inlet Check Option	Suffix
520	4 = 1/2" 5 = 3/4" 6 = 1"	1 = Full Assembly	0 = NPT male 4 = PEX crimp 5 = PEX expansion 6 = press 9 = sweat	AC = Inlet Check Valves	DL = Complies with both ASSE 1070/ASME A112.70/CSA B125.70 and ASSE 1017 performance requirements

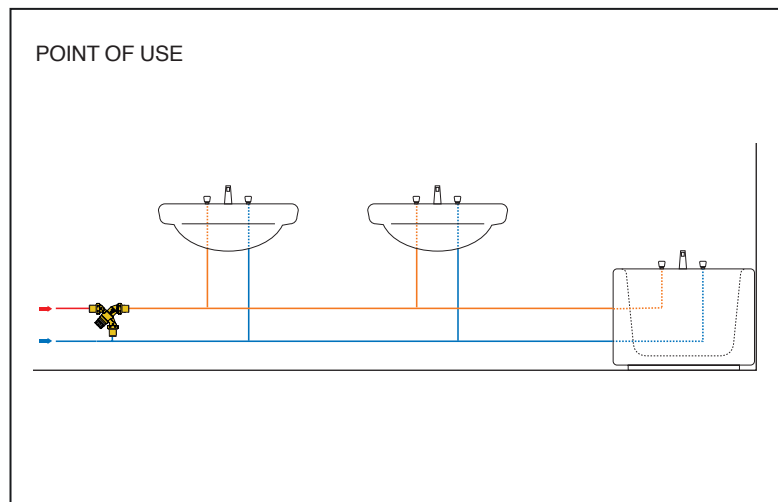
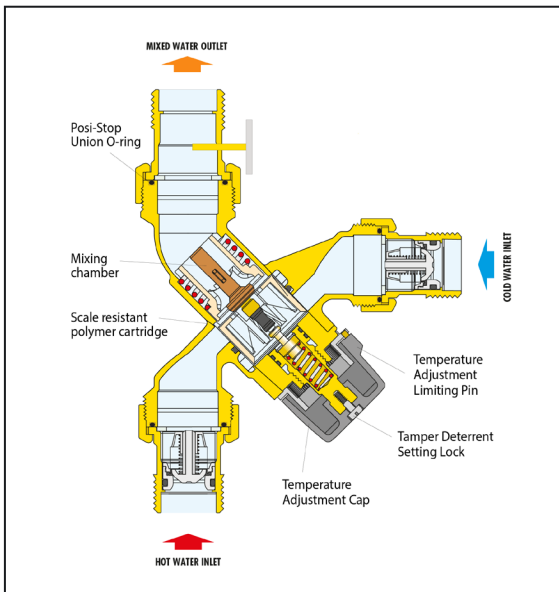
PERFORMANCE

MAX WORKING PRESSURE	150 psi (10 bar)
ASSE 1070 ADJ. TEMPERATURE	95° — 120°F (35° — 50°C)
ASSE 1017 ADJ. TEMPERATURE	95° — 150°F (35° — 65°C)
MIN. TEMP. DIFFERENCE HOT INLET TO MIXED OUTLET TO MIXED	9°F (5°C)
CV	2
MAX. HOT WATER INLET TEMP.	195°F (90°C)
MIN. FLOW FOR STABLE PERFORMANCE	0.5 GPM (2 l/min)

APPLICATION DIAGRAM



CONSTRUCTION



Caleffi Partner:

INNOVATIVE PLUMBING AND HEATING SOLUTIONS
BUILT ON GENERATIONS OF TRUST

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



Caleffi North America, Inc.
 sales@caleffi.com · www.caleffi.com
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