



AngleMix™ & AngleMix™ DL

THERMOSTATIC MIXING VALVE
520 SERIES

CALEFFI
Hydronic Solutions



PRODUCT FEATURES

- **Contractor Friendly Design:**
Reduces installation labor and materials; the hot inlet port is in-line with mixed outlet port, eliminating a piping elbow compared to a standard mixing valve.
- **Dual Listed Versions Available:**
AngleMix DL has an adjustment limiting screw, restricting the temperature to 120 °F meeting ASSE 1070 requirements. It's easily converted to ASSE 1017 by removing the screw.
- **Stable Mixing at Low Flows:**
Consistent mixed outlet water temperature down to 0.5 GPM to meet the demands of today's low flow plumbing fixtures.
- **Posi-Stop™ Unions:**
Time saving installation and easy serviceability. Posi-Stop integrated O-rings provide a field proven seal connection. Union tailpieces available in NPT male, press, sweat and PEX.
- **Tight Hot Water Close-Off:**
Prevents recirculation temperature creep and droop during periods of non-use.
- **Temperature Gauge Included:**
Visual verification of mixed outlet temperature with +/- 1% FS accuracy gauge.

Industry exclusive angle body design:

The AngleMix™ simplifies installation and delivers precise mixed temperature down to 0.5 GPM for today's low flow fixtures. 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 RANGE - AngleMix™



Family	Size	Product Type	Tailpiece Option	Suffix
520	4 = 1/2" 5 = 3/4" 6 = 1"	1 = Full Assembly (includes fittings)	0 = NPT male 4 = PEX crimp 5 = PEX expansion 6 = press 9 = sweat	A
	0 = Body only	5 = 1" Union Body Only (1/2", 3/4" valves) 6 = 1 1/4" Union Body (1" valves)	1 = Union Body only	

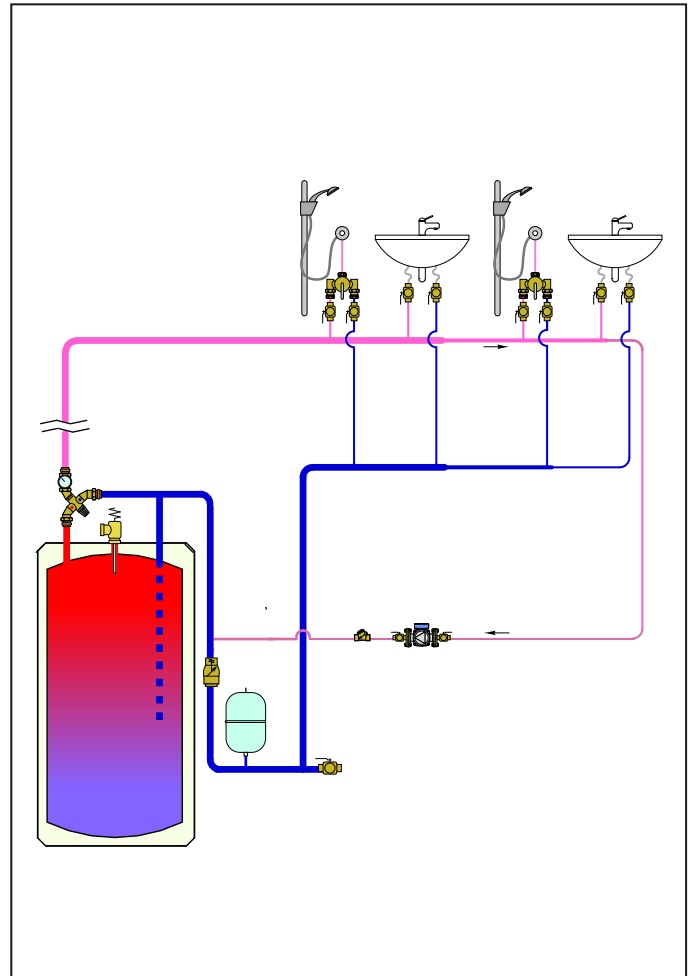


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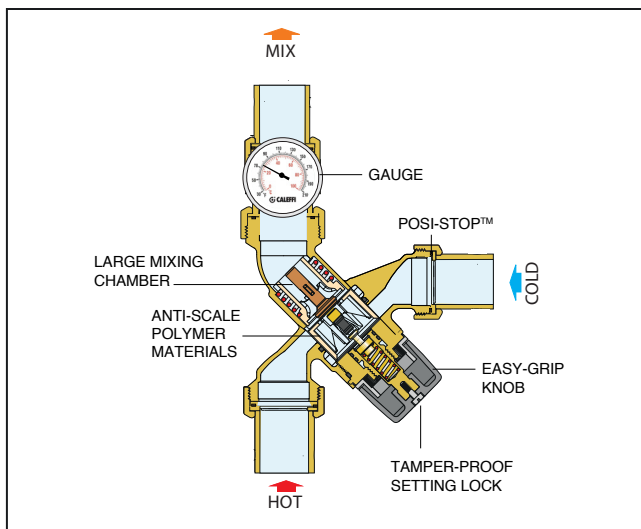
PERFORMANCE

MAX WORKING PRESSURE	150 psi (10 bar)
SETTING TEMPERATURE RANGE	95 – 150 °F (35 – 65 °C)
TEMPERATURE GAUGE RANGE	32 - 210 °F
MAX WORKING PRESSURE	±3 °F (±2 °C)
Cv	2.0
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:

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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