



PivotMixer™

VERSATILE THERMOSTATIC MIXING VALVE ASSEMBLY
520 SERIES



Trusted mixing, versatile pivot connection

Provides tempered water control for combi boilers. The PivotMixer includes the award winning AngleMix, outlet temperature gauge, cold water cross with recirculation port and two adjustable pivot fittings. AngleMix complies with standards ASSE 1017, CSA B125.3, NSF/ANSI/CAN 372 and codes IPC, IRC, UPC, NPC. Certified by ICC-ES.

PRODUCT FEATURES

■ Compact and multi-function design:

Award winning AngleMix™ with cold water cross and outlet temperature gauge. Easy to install with adjustable pivot fittings.

■ Connection flexibility with pivot fittings:

Adjustable pivot fittings allow for connection to 8½" spacing.

■ 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.

■ Tight hot water close-off:

Prevents recirculation temperature creep and droop during periods of non-use.

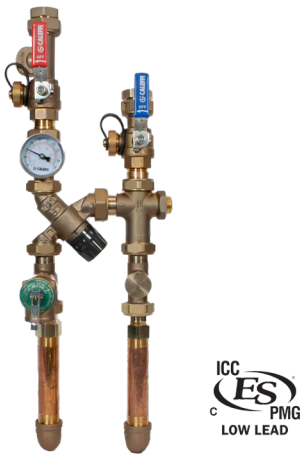
■ Posi-Stop™ Unions:

Time saving installation and easy serviceability. Product integrated O-rings provide a field proven seal connection. Union tailpieces available in NPT male, press and sweat.

■ Integral recirculation return port:

No extra fittings needed. The cold water cross features a ½" FNPT port for hot water recirculation.

PRODUCT RANGE - PivotMixer™, 520 Series

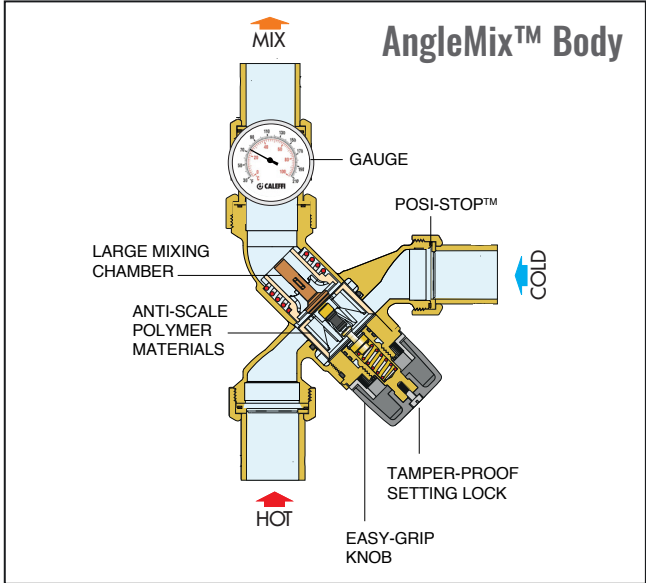


SYSTEM CONNECTION OPTION	CODE
3/4" NPT male	KIT520510AP QHT
Kit includes	
2" - 5" LL brass nipples Street 90° elbows Service valve kit Offset fittings Safety relief valve 520 AngleMix	
Connection to water heating appliance is 3/4" union NPT female	

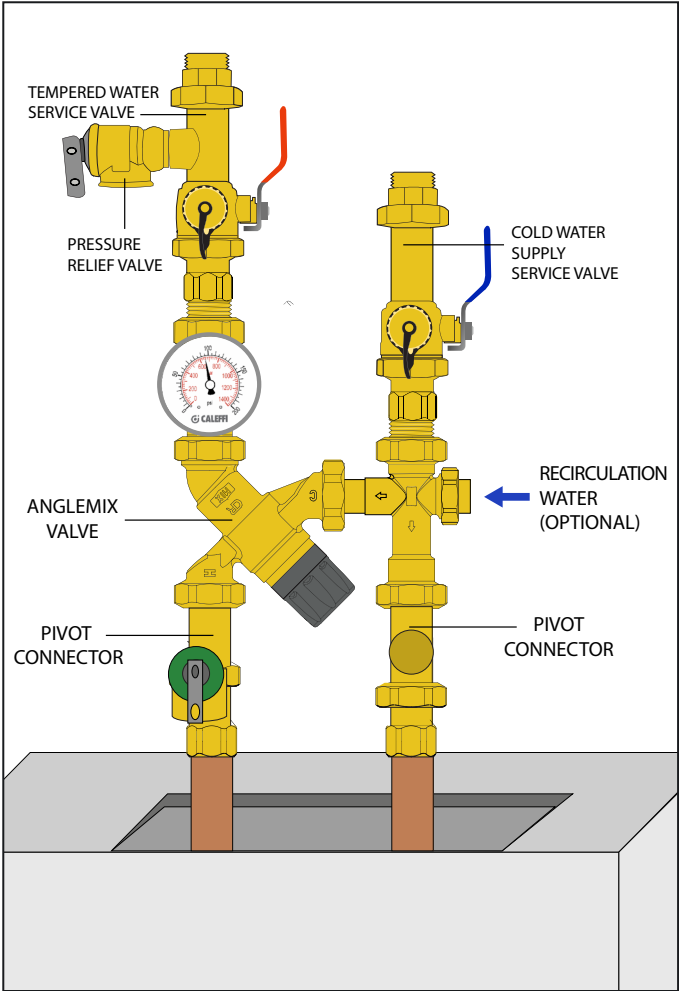
PERFORMANCE

MAX. WORKING PRESSURE	150 psi
ADJUSTMENT TEMPERATURE RANGE	95 — 150 °F (35 — 66 °C)
MINIMUM FLOW FOR OPTIMUM PERFORMANCE: (WITH RECIRCULATION)	0.5 GPM (0 GPM)

CONSTRUCTION



APPLICATION DIAGRAMS



03673-25 GHT

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.

ONLINE

CATALOG



Caleffi North America, Inc.
 sales@caleffi.com · www.caleffi.com
 © Copyright 2025 Caleffi North America, Inc.