



LEGIOMIX® ELECTRONIC MIXING VALVE 6000 SERIES



Advanced Mixing Control

LEGIOMIX® is an advanced electronic mixing valve with digital control of temperature for commercial domestic hot water systems. The daily exercise function keeps the ball valve free of scale build-up to ensure smooth operation. Rated highest in the market for flow capacity and recognized with three AHR® Innovation Awards, LEGIOMIX also has an industry exclusive, calendar-based scheduling program for automatic circuit thermal disinfection.

PRODUCT FEATURES

- **Market's highest rated flow capacity:**
DZR low-lead brass body, full-port ball valve, ¾" to 3" connections, 2.2 to 537 gpm flow rates.
- **Self cleaning:**
Automatic daily ball rotation to scrapes away scale and debris, ensuring smooth operation.
- **Full functionality without a laptop:**
Self-contained controller/user interface with 40-day data logging serves all configuration, settings and user functions.
- **Thermal disinfection programs:**
Calendar based programs for scheduling thermal disinfection to control Legionella in recirculation circuit.
- **Union pipe fittings:**
¾" through 2" models have all-union connections for easy maintenance and service without piping modifications.
- **BAS-ready:**
Integral MODBUS® is standard. Optional MODBUS-BACnet™ gateway for remote access to building automation integration.

PRODUCT RANGE - LEGIOMIX® 6000 Series

SIZE	Cv	MIN. FLOW (GPM) *	DESIGN FLOW (GPM) **	MAX. FLOW (GPM) ***	CODE		
					NPT	SWEAT	PRESS
3/4"	9.7	2.2	27	43	600054A	600059A	600056A
1"	9.7	2.2	27	43	600064A 001	600069A 001	600066A 001
1"	21	3.1	58	94	600064A	600069A	600066A
1 1/4"	24	4.4	66	107	600074A	600079A	600076A
1 1/2"	34	6.6	93	152	600084A	600089A	600086A
2"	47	8.8	131	215	600094A	600099A	600096A
2 1/2"	105	17	288	470	600060A flanged	--	--
3"	120	22	329	537	600080A flanged	--	--

*To ensure stable operation and accurate temperature control. Minimum flow is 0 gpm when recirculation flow rate is \geq the valve size minimum flow rating.

**Suggested maximum flow rate for optimum modulating control (at 7.5 psid pressure drop).

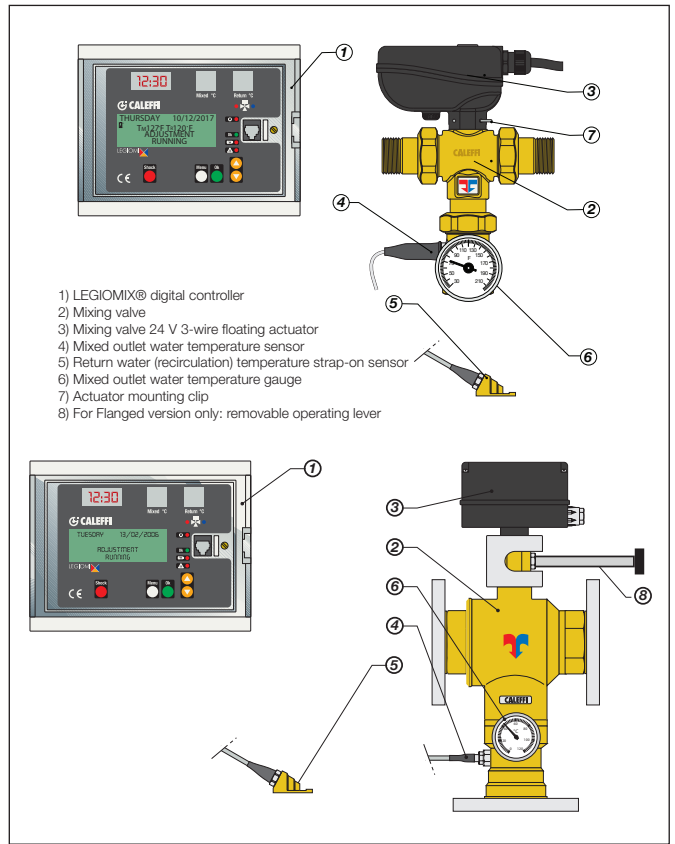
***Maximum recommended differential pressure is 20 psid for smooth and quiet operation.

Inlet port check valves are available for field installation, code NA10366 (1", 1 1/4") and NA10367 (1 1/2", 2").

Complies with standards ASSE 1017, CSA B125.3, NSF/ANSI/CAN 372 and codes IPC, IRC, UPC, NPC. Certified by ICC-ES. Meets requirements of CSA Z317.1 Special Requirements For Plumbing Installations In Health Care Facilities.



COMPLETE PACKAGE

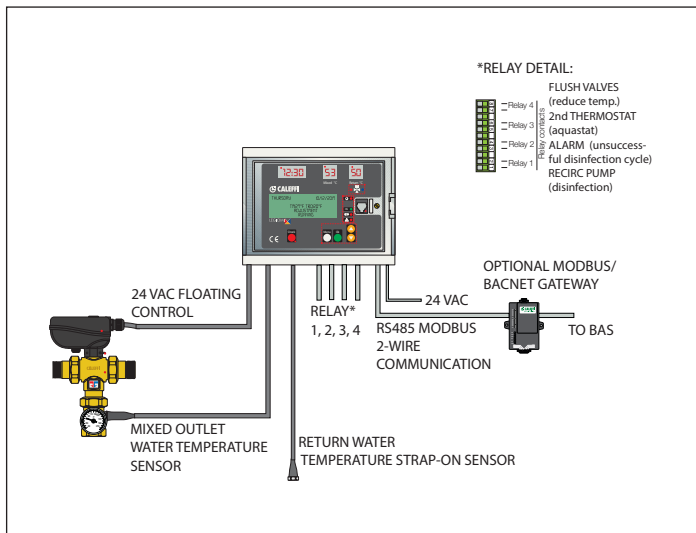


- 1) LEGIOMIX® digital controller
- 2) Mixing valve
- 3) Mixing valve 24 V 3-wire floating actuator
- 4) Mixed outlet water temperature sensor
- 5) Return water (recirculation) temperature strap-on sensor
- 6) Mixed outlet water temperature gauge
- 7) Actuator mounting clip
- 8) For Flanged version only: removable operating lever

PERFORMANCE

MAX. OPERATING PRESSURE	150 psi (10 bar)
SETTING TEMPERATURE RANGE	70 – 185 °F (20 – 85 °C)
DISINFECTION TEMP. RANGE	100 – 185 °F (40 – 85 °C)

WIRING DIAGRAM

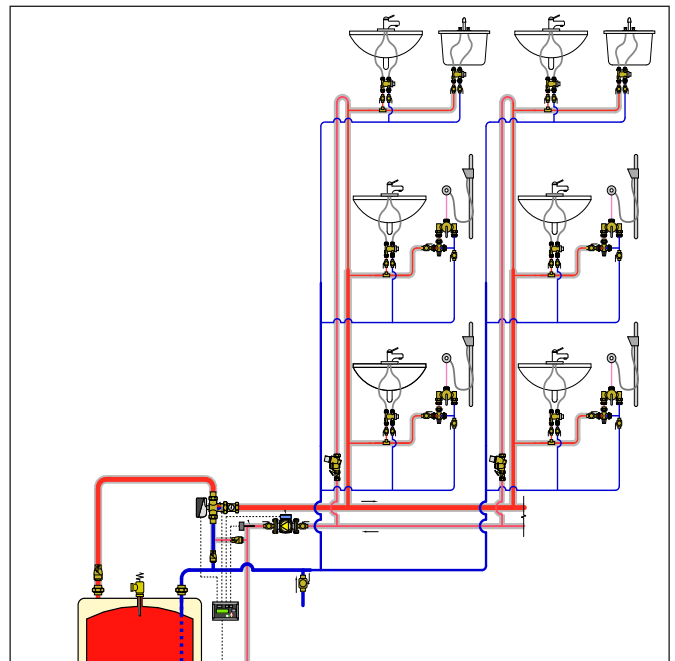


Caleffi Partner:

**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.

APPLICATION DIAGRAM



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CALEFFI
Hydronic Solutions

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