



LEGIOMIX® ELECTRONIC MIXING VALVE 6000 SERIES



PRODUCT FEATURES

- **Market's highest rated flow capacity:**
DZR low-lead brass body, full-port ball valve, 3/4" to 3" connections, 2.2 to 537 gpm flow rates.
- **Self cleaning:**
Automatic daily ball rotation to scrape away any scale or debris, ensuring smooth operation.
- **Full functionality without a laptop:**
All configuration, set points, temperatures, run status, alarms and datalogging functions are available at the user interface without the need for a laptop.
- **Thermal disinfection programs:**
Calendar based programs for scheduling thermal disinfection to control Legionella in recirculation circuit.
- **Union pipe fittings:**
3/4" 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.

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, this twice recognized AHR Innovation Awards product also has an industry exclusive, calendar-based scheduling program for automatic circuit thermal disinfection.

PRODUCT RANGE - LEGIOMIX® 6000 Series

SIZE	Cv	MIN. FLOW (GPM) *	DESIGN FLOW (GPM) **	MAX. FLOW (GPM) ***	CODE		
					NPT	SWEAT	PRESS
¾"	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
1¼"	24	4.4	66	107	600074A	600079A	600076A
1½"	34	6.6	93	152	600084A	600089A	600086A
2"	47	8.8	131	215	600094A	600099A	600096A
2½"	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 ≥ the valve's 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", 1¼") and NA10367 (1½", 2").

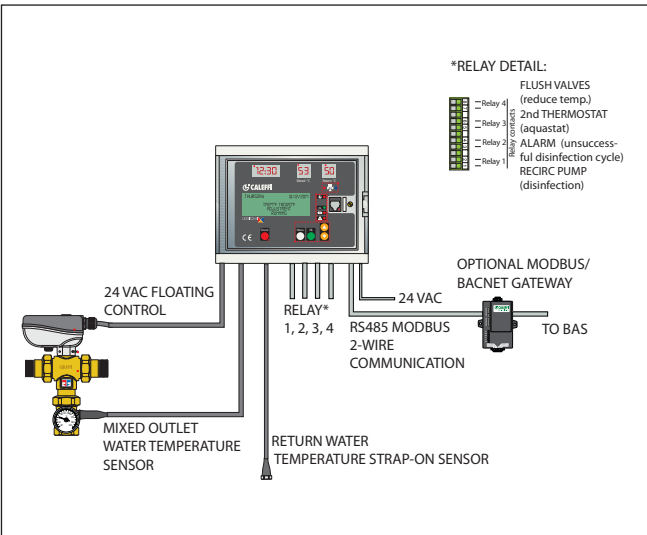
Meets requirements of NSF/ANSI 372-2011 and complies with ASSE 1017, CSA B125.3, UPC, IPC, Low Lead Laws and listed by ICC-ES for use in accordance with the U.S. and Canadian plumbing codes. Meets requirements of CSA Z317.1 Special Requirements For Plumbing Installations In Health Care Facilities.



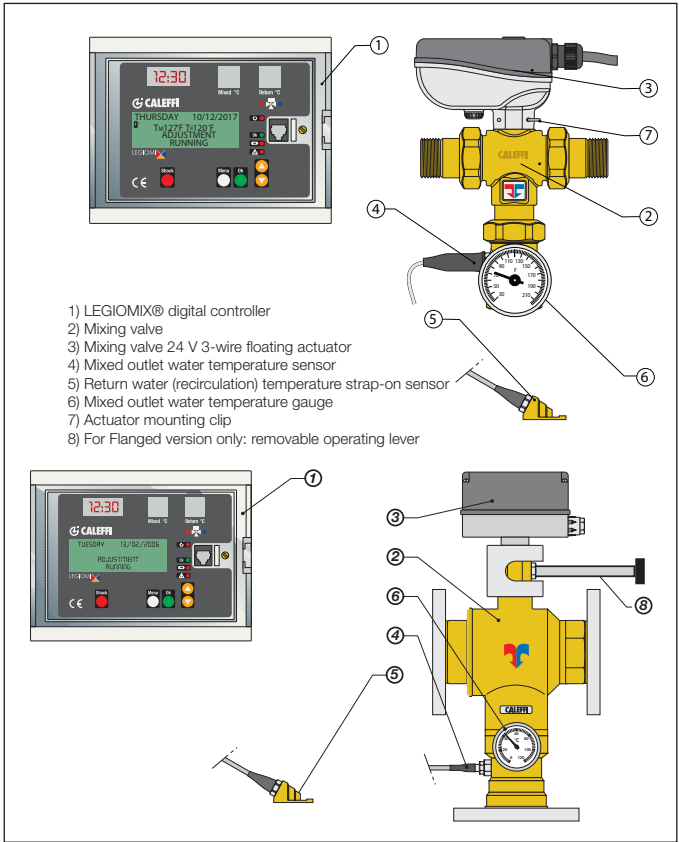
PERFORMANCE

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)

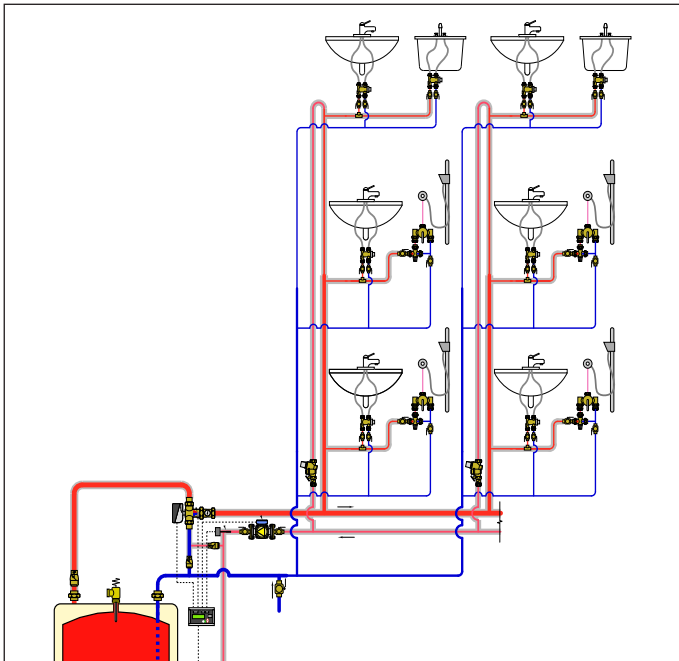
WIRING DIAGRAM



COMPLETE PACKAGE



APPLICATION DIAGRAM



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