



LEGIOMIX®evo DIGITAL MIXING VALVE 6003 SERIES



Next-Generation Digital Mixing Controller

The LEGIOMIXevo digital mixing valve sets a new benchmark in next-generation mixing control, offering unmatched ease of use and innovation. Listed or compliant with ASSE 1017, CSA B125.3, NSF/ANSI/CAN 61 & 372, BACNET protocol, CE and UL requirements. cUPC, IPC, NPC approved 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.

PRODUCT FEATURES

■ Enhanced Safety and Reliability:

The fail-safe actuator shuts off the hot water supply during power failures, ensuring safety and reducing liability risks.

■ Fast Hassle-Free Setup:

A user-friendly touchscreen eliminates manual calibration and complex configuration. No laptop is needed to ensure quick and easy installation and commissioning.

■ Precision Tempered Water Management:

Advanced intelligence, programmed scheduling, built-in data logging, and Legionella management ensure accurate performance and compliance. Allowing you to execute your water management plan with confidence.

■ Minimize Maintenance with Automatic Descaling:

Reduces total cost of ownership with automated descaling of the ball control element preventing scale buildup and ensuring consistent temperature stability for dependable long-term operation.

■ Remote Diagnostics and System Optimization:

Cloud and BMS connectivity enable real-time monitoring, remote diagnostics, and setpoint adjustments. Control the system performance and troubleshoot issues to reduce maintenance downtime and improve efficiency.

■ Minimal Downtime:

Designed for quick retrofits, the feature-rich controller functions as a standalone mixing system and the Posi-Stop unions or ANSI 150 flanges simplify piping connections.

PRODUCT RANGE - Digital Mixing Valve



SIZES	ACTUATOR	CODE			
		NPT	SWEAT	PRESS	ANSI 150 FLANGE
3/4"	24V fail-in-place	600354A	600359A	NA600356A	
1" (3/4" body)	24V fail-in-place	600364A 001	600369A 001	600366A 001	
1"	24V fail-in-place	600364A	600369A	600366A	
1-1/4"	24V fail-in-place	600374A	600379A	600376A	
1-1/2"	24V fail-in-place	600384A	600389A	600386A	
2"	24V fail-in-place	600394A	600399A	600396A	
3/4"	0-10V fail-safe	600354AF	600359AF	600356AF	
1" (3/4" body)	0-10V fail-safe	600364AF 001	600369AF 001	600366AF 001	
1"	0-10V fail-safe	600364AF	600369AF	600366AF	
1-1/4"	0-10V fail-safe	600374AF	600379AF	600376AF	
1-1/2"	0-10V fail-safe	600384AF	600389AF	600386AF	
2"	0-10V fail-safe	600394AF	600399AF	600396AF	
2-1/2"	0-10V fail-in-place				600360A
3"	0-10V fail-in-place				600080A
2-1/2"	0-10V fail-safe				600360AF
3"	0-10V fail-safe				600380AF

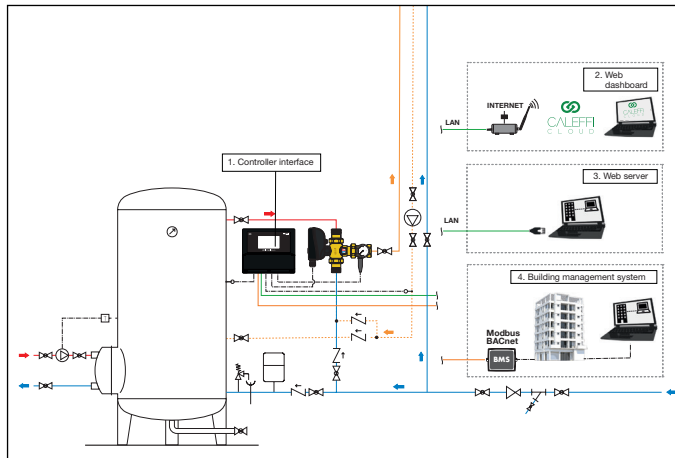
Fail-in-place actuator maintains current position of ball valve upon controller power loss.

Fail-safe actuator rotates ball valve to cut off hot water supply upon controller power failure.

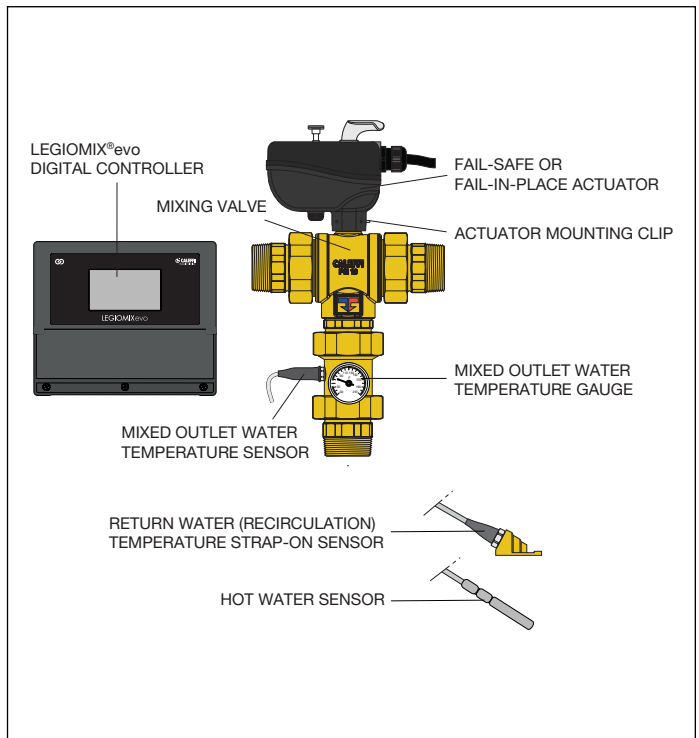
PERFORMANCE

ADJUSTABLE TEMPERATURE RANGE	70 - 185 °F (20 - 85 °C)
DISINFECTION ADJ. TEMPERATURE RANGE	100 - 185 °F (40 - 85 °C)
MAX. WORKING PRESSURE	150 psi (10 bar)
MAX. INLET TEMPERATURE	212 °F (100 °C)

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.



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