



LEGIOMIX® 2.0

Hybrid electronic mixing valve

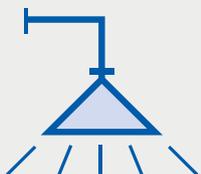
6000 EST series

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PATENT PENDING

- Combines the typical function of the mechanical thermostatic mixing valve and the management efficiency of an electronic mixing valve in a single device.
- Fast and accurate temperature control – indispensable for use in domestic hot water distribution circuits.
- Electronic regulator with programming of temperature levels and thermal disinfection cycles for the prevention of Legionella growth.
- Fitted for data saving function with recording of temperatures and functional parameters.
- Actuator and electronic regulator housed in a single functional casing thus allowing simplified wiring.
- Fitted for remote control with specific transmission protocols such as MODBUS-RTU for use in Building Management Systems (BMS).



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PRODUCT RANGE

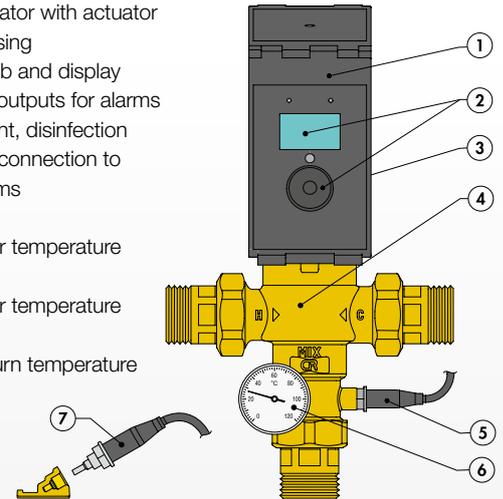


CODE	DN	CONN.	Kv
600045	15	1/2"	4,3
600055	20	3/4"	4,3
600065	25	1"	7,6
600075	32	1 1/4"	10,0
600085	40	1 1/2"	13,0
600095	50	2"	18,0



CHARACTERISTIC COMPONENTS

1. Digital regulator with actuator in single casing
2. Control knob and display
3. Inputs and outputs for alarms management, disinfection cycles and connection to BMS systems
4. Valve body
5. Mixed water temperature probe
6. Mixed water temperature gauge
7. System return temperature probe



Digital regulator

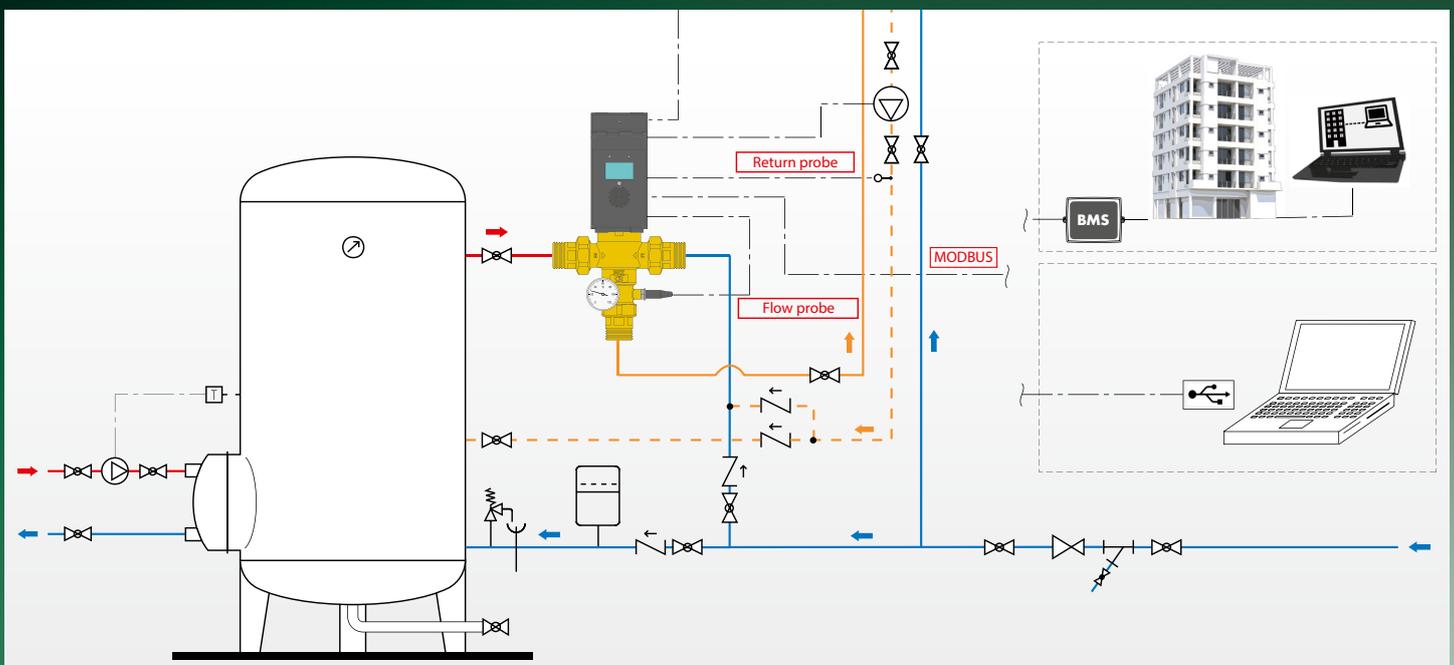
The digital regulator that controls the mixing valve is equipped with a user-friendly interface, that's simple to operate and capable of providing all the information required for correct operation of the mixing valve. A single control knob provides access to all menu functions in order to select and check operating parameters including temperature, valve status, regulation and thermal disinfection times setup.



TECHNICAL SPECIFICATIONS

Body material	Ø dezincification resistant alloy
Supply	230 V - 50/60 Hz
Max. working pressure	10 bar
Max. working temperature	90°C
Adjustment temperature range	35–65°C
Disinfection temperature range	50–85°C
Protection class	IP 54

APPLICATION DIAGRAMS



REFERENCE DOCUMENTATION

6000 series

- Technical brochure 01334

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