



XCM-ATW-100

Applications
For residential
For the community

Electronic actuator for radiators and fan coils

- Wireless communication with chronothermostat
- Adjustment +/- 3°C and local OFF control
- Automatic anti-block function
- Battery life over 3 seasons

The electronic actuator **XCM-ATW-100** regulates indoor comfort based on the commands from the chronothermostat. The **small size** allows for installation directly on the collector. The easy local control and the clear indication by LED allow to **customize the temperature** controlling of each actuator. The advanced radio technology and patented movement system guarantee battery life of more than 3 seasons or 45000 movements.

Technical Features	
General specifications	Protection Range: IP30 Operative Temperature: 0 ÷ +85 °C Storage Temperature: -15 ÷ +60 °C Relative Humidity: MAX 80% not condensing
Case	Dimensions: 47 x 91 x 62 mm (W x H x D) Flanged Connections: M30 x 1.5 mm Compatible Valves: IVAR, Caleffi, FAR (with appropriate adapter), Giacomini (with appropriate adapter), IVR, Oventrop, RBM, Pocetti (with appropriate adapter), ICMA (with appropriate adapter). For more compatibility contact the manufacturer. Insulation Class: Class III
Battery power supply	Supply Voltage: 4.5 V Battery Type: 3 AA Approximate Battery Life: > 3 seasons
Radio module	Supported Protocols: IEEE 802.15.4 ZigBee Pro® Radio Frequency: ISM Band 868 MHz Output Power: -17 ÷ +4 dBm Sensitivity: -101 dBm Antenna Type: 1 internal Max Distance (Free Air): Up to 150 m
Functionality	Radio Signal Indicator: LED displays
Integrated functions	Services: ON/OFF regulation, wireless communication with programmable thermostat. Automatic anti-block function, adjustment +/- 3 ° C and OFF command locally, self-adaptation function according to the valve, Advanced Battery Management
Certifications	Referends Standard: EN 60950-1, EN 301 489-3, EN 62311, EN 300 220-2