



## 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**

# XCM-ATW-100

### Applications

For residential

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