kerberos



# XCM-ATW-110

**Applications**

Stand alone

IP30

3xAA

## Electronic actuator Stand Alone 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-110,** for MaggiorDOMO® Stand Alone system, 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**

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|---|---|
| General specifications | **Protection Range**: IP30<br>**Operative Temperature**: 0 ÷ +85 °C<br>**Storage Temperature**: -15 ÷ +60 °C<br>**Relative Humidity**: MAX 80% not condensing |
| Case | **Dimensions**: 47 x 91 x 62 mm (W x H x D)<br>**Flanged Connections**: M30 x 1.5 mm<br>**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.<br>**Insulation Class**: Class III |
| Battery power supply | **Supply Voltage**: 4.5 V<br>**Battery Type**: 3 AA<br>**Approximate Battery Life**: > 3 seasons |
| Radio module | **Supported Protocols**: IEEE 802.15.4 ZigBee Pro®<br>**Radio Frequency**: ISM Band 868 MHz<br>**Output Power**: -17 ÷ +4 dBm<br>**Sensitivity**: -101 dBm<br>**Antenna Type**: 1 internal<br>**Max Distance (Free Air)**: Up to 150 m |
| Functionality | **Radio Signal Indicator**: LED displays |
| Integrated functions | **Services**: Modulating regulation, wieless communication with programmable thermostat.<br>**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 |