

KET-ATW-100

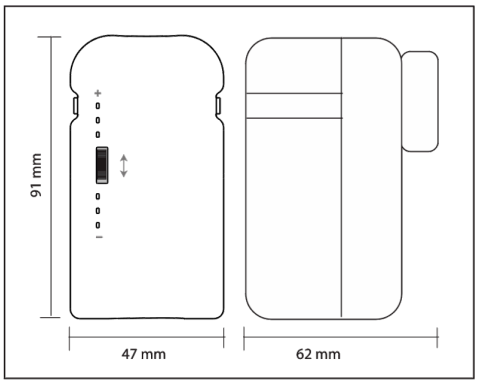
Wireless actuator for thermostatic valves

- **Perfect integration into BMS / BEMS systems**
- **Internal temperature sensor**
- **Summer anti-block function**
- **Compatible with most valves**

The electronic actuator **KET-ATW-100** allows to integrate the existing heating bodies in the energy saving system. Acting on the thermostatic valve, the actuator regulates the environmental comfort on the basis of the commands sent by the supervision system.
Its **small size** allows it to be installed directly on the manifold and inside fan coils and convectors.
Battery power eliminates the need for wiring.

Applications

Thermoregulation



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. For more compatibility contact the manufacturer. **Insulation Class**: Class II
Battery power supply	**Supply Voltage**: 4.5 V **Battery Type**: 3 AA **Approximate Battery Life**: > 3 years
Radio module	**Supported Protocols**: X-Monitor Protocol (X-MP) / IEEE 802.15.4 **Radio Frequency**: 2.4 GHz ISM Band **Output Power**: +3 dBm **Sensitivity**: -104 dBm **Antenna Type**: 1 internal **Max Distance (Free Air)**: Up to 150 m
Functionality	**Radio Signal Indicator**: Integrated (LinkQuality) **Firmware Upgrade**: Over The Air **Support for public environment**: Anti-removal support, keyboard lock