TRV-1ZW Series | Z-Wave Thermostatic Radiator Valve

TRV-1ZW Series is a Z-Wave Thermostatic Radiator Valve designed to be incorporated into the home heating system. TRV-1ZW series helps to maintain a comfortable room temperature by controlling the flow of hot water to home radiators. By regulating the flow of hot water, users can maintain their desired room temperature to suit various needs.

TRV-1ZW series is compatible with other Z-Wave network and systems. Users can remotely control home temperature when they are away from home, and program the device to respond automatically to certain situations. TRV-1ZW series is also ideal for energy management to ensure the system do not run for longer than needed.

Features

- Automatic on/off control of radiator valve according to temperature settings.
- LCD displays temperature, time, mode and alerts.
- Anti-frosting function when room temperature drops below 5°C
- Anti-calcification with weekly opening/closing of radiator valve.
- Boost Function to temporarily speed up heating process.
- Detects sudden temperature drop and adjusts settings accordingly to sustain the ideal room temperature.
- Easy control knob for manual temperature adjustments.
- User friendly interface with 3 buttons. Lock Function available.
- Low battery detection.
- Regular supervisory signals ensure the device's proper operation.
- Conforms with M30 x 1.5 connection.
- Compatible with Danfoss RA, RAV, or RAVL valve adapter
- Over-The-Air (OTA) firmware update capability (optional)

Specifications

Communication Protocol	Z-Wave Plus 500 series module
Frequency	868.40 MHz (EU) / 908.40 MHz (US)
Power Source	1.5V, AA Alkaline battery x 2
Battery Life	2 years*
Operating Temperature	-10°C to 45°C (14°F to 113°F)
Operating Humidity	Up to 85% non-condensing
Dimensions	107.9mm x 57.45mm x 66mm

Note: Actual battery life may vary with product configuration mode, usage, and environment.

Ordering Information

TRV-1ZW   Wireless Z-Wave thermostatic radiator valve
TRV-1ZW-OTA   Wireless Z-Wave thermostatic radiator valve with OTA firmware update capability