# Klima LCD RF

VE768800






230 Vac wall-mounted electronic thermostat with radio frequency module. Device designed for room temperature regulation in heating mode (winter) and cooling mode (summer). Keyboard consists of two physical keys immediately below the display. The boiler (or air conditioner) is activated by a remote actuator, controlled by Klima LCD RF via radio frequency signal. This solution ensures high installation flexibility, especially in existing systems, since no wiring or masonry work is required.

## General features

- Plastic base for wall-mounted installation
- LCD display for visualisation of measured temperature
- Integrated RF module for sending control signals to remote actuators
- Temperature control: on/off (with adjustable differential), proportional, or tP (pulse-width modulation for coupling with ThermoPro RF thermostatic valves)
- Anti-freeze temperature to prevent system freezing when the device is in OFF state
- Keypad lock function with password to prevent modifications by unauthorised people
- Possibility to limit the range of settable temperature values
- Compatible with all Vemer RF remote actuators
- Classification according to point 6 of European Commission Communication 2014/C 207/02: class IV

## Technical specifications

| | |
|---|---|
| **Power supply** | |
| Power supply | 2 batteries (AAA)<br>1.5 V<br>Alkaline<br>NOT rechargeable |
| Battery autonomy | 12 months |
| **Temperature settings** | |
| Temperature setting range | 2 ÷ 50 °C |
| Temperature setting range Antifreeze (Off) | OFF, 1 ÷ 50 °C |
| **Parameter settings** | |
| Type of adjustment | ON-OFF, proportional or tP (aperture-modulated for coupling with ThermoPro RF thermostatic valves) |
| Differential/Hysteresis | 0.1 ÷ 1 °C |
| Modes of operation | Summer<br>Winter<br>Off |
| **Measure** | |
| Temperature display resolution | 0.1 °C |

Vemer S.p.A. declines all responsibility for the use of the products for purposes other than those for which they are intended, as indicated in the technical documentation. Vemer S.p.A. reserves the right to make, without prior notice, such changes as may, in its sole discretion, improve the technical and functional characteristics of the products and the related production logic. The technical characteristics and images of the products indicated are given for information only and are not binding in any way, since they may be modified without prior notice.



Revision date: 2026-02-02

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| | |
|---|---|
| **Measure** | |
| Temperature measurement accuracy | 0.5 °C |
| **Functions** | |
| Keypad lock function | ✓ |
| **Connectivity** | |
| Transmission frequency | 433,92 MHz |
| Maximum transmitted radio frequency power | -10 dBm |
| **Operating conditions** | |
| Operating temperature range | 0 ÷ 50 °C |
| Relative humidity | 20% ÷ 90% non-condensing RH |
| Storage temperature range | -25 ÷ 70 °C |
| **Approvals and certifications** | |
| Classification according to point 6 of Communication 2014/C 207/02 of the European Commission: | Class IV |
| **Viewing** | |
| Display | LCD |
| **Outputs** | |
| Relay type | Heat exchange |
| **Mechanical features** | |
| Protection degree | IP40 |
| **Physical features** | |
| Color | White |
| Device command | Keys |
| **Overall dimensions** | |
| Height (A) | 84 mm |
| Width (B) | 84 mm |
| Depth (C) | 28 mm |

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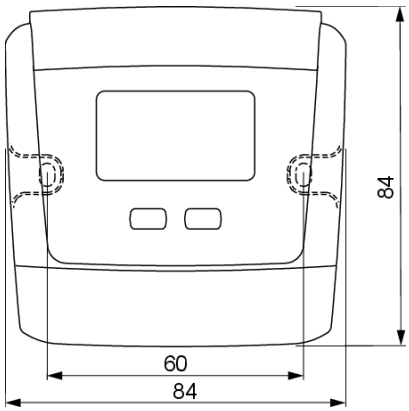
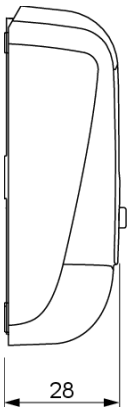
## Dimensions

Front View




Side View




## Product set

### Set Klima LCD RF

VE769900

Configured set consisting of Klima LCD RF and RX.16A actuator

## Accessories compatible with the product

### RX1-8A

VE015400

230 Vac DIN-rail remote actuator for radio frequency devices with 1 relay 8A/250V

### RX7-5A

VE443800

230 Vac wall-mounted remote actuator for radio frequency devices with 6 relays 8A/250V

### RX1-8A P

VE471900

230 Vac wall-mounted remote actuator for radio frequency devices with 1 relay 8A/250V

### RX.16A

VE736500

Flush-mounted 230 Vac remote actuator for radio frequency devices with 1 relay 16A/250V

### ThermoPro RF

VE741500

Battery-powered weekly smart thermostat for radiators. Radio-frequency module. Color: white.

### RX4-8A

VN943700

230 Vac wall-mounted remote actuator for radio frequency devices with 4 relays 8A/250V

## Reference standards

Compliance with Community Directives:

**• 2014/53/UE (RED) • 2011/65/UE e 2015/863/UE (ROHS)**

is declared with reference to the following Standards:

**• EN IEC 60730-2-9 • ETSI EN 300 220-1 • ETSI EN 300 220-2 • ETSI EN 301 489-1 • ETSI EN 301 489-3 • EN IEC 63000**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