RXTEUM01
WALL-MOUNTED THERMOSTAT WITH BUILT-IN HYGROMETER

Wall mounted thermostat with built-in hygrometer for detecting the temperature and humidity of an area/room, compatible with room thermoregulation systems that use the CDOM0x, CRM4.0, CR05xWIFI series multimedia programmable thermostats and compatible derivatives.

The device is equipped with an LCD display that locally indicates the detected temperature and humidity, updating the value every minute and transmitting the information to the multimedia programmable thermostat.
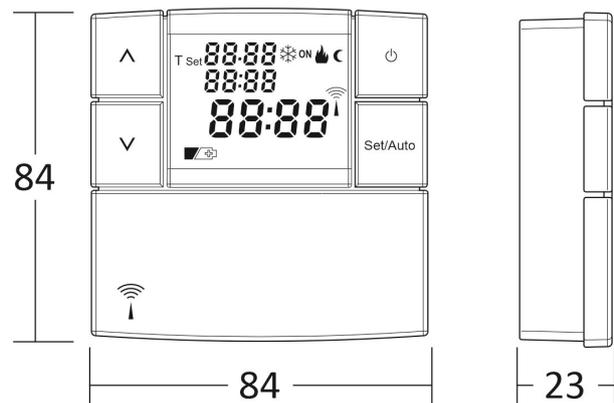
The display indicates the operating status of the zone/room temperature control (ON/OFF), the active seasonal mode (heating/cooling), the current set temperature (Tset), and any low battery warning.

The front buttons allow you to change the desired comfort temperature (T1), economy temperature (T2), and absence temperature (T3), as well as the AUTO/MAN/OFF operating mode of the zone/room temperature control.

Some functions can be password protected to prevent unauthorized changes to the settings; in particular, the Auto/Man, T1, T2, T3 and factory reset settings can be protected.

In cooling systems requiring dehumidification management/control, the thermo-hygrometer combined with the RTX01DO module allows the multimedia programmable thermostat to activate the system's dehumidification units.

Important note: this device is part of the CDOM and CRM4.0 Building Automation System, compliant with UNI EN ISO 52120:1, whose certification of the automation level/class must be drawn up by a specific professional figure in compliance with the certification procedures reported in the Technical Specification UNI TS 11651

Dimensioni (mm)

TECHNICAL FEATURES

Power supply: Battery operated (2 x 1.5V AA batteries) with approximately 3 years of battery life

Display type: 2.5" LCD with numeric fields and icons

RF communication: 868MHz bidirectional, RF transmission power <25mW e.r.p.

Radio coverage: 30-80 meters, depending on the type of environment

Temperature adjustment range: +4-39°C (±0.3°C)

Thermal gradient: 1°K/15 minutes

Relative humidity detection range: 20-80% (±2%)

Dimensions: 84x84x23mm

Protection rating: IP30

Compliance: Directive 2014/53/EU (RED)

SPECIFICATION ITEM

Perry brand digital LCD zone thermo-hygrometer, model RXTEUM01, with three temperature levels and antifreeze; Temperature setting range 4 to +39°C in 0.5°C increments; Relative humidity measurement range 20 to 80% with ±2% accuracy; Temperature increase/decrease buttons (custom mode), AUTO or MAN mode selection button (T1-T2-T3), and zone OFF button; Battery powered (2 x 1.5V AA-LR6 batteries); wall or "type 500" box mounting; Two-way RF-868MHz connection with multimedia programmable thermostat; IP30 protection rating; Compliant with Directive 2014/53/EU (RED); Dimensions 84x84x23mm.

ACCESSORIES

1PABTTETX01   table base for TETX05 and thermos Hygrometer RXTEUM01