

BT-D03 RF Series

Wireless digital room thermostat - WATTS Vision® System Technical Data Sheet

Description

WATTS Vision® enables you to program and display the settings for each multi-zone heating and/or cooling system (up to 50 zones).

It is a wireless system that requires the use of WIRELESS DIGITAL ROOM THERMOSTAT BT-D03 RF Series to control the temperature of the individual rooms and remote contacts.

The WATTS Vision® system provide full remote control of the system using any browser from your PC or the dedicated smartphone app (for iOS and Android) by means of the system's WiFi connection.



BT-D03 RF SERIES

The Wireless digital room thermostat with back-light LCD display is designed to control different types of heating and cooling systems. Temperature control is based on internal sensors. An external sensor (SENSOR 10K - P01228) can be connected without any additional external power supply. A logo on display indicates whether the heating switch-on signal is activated.

Type	Part No.	Description
BT-D03 RF	P07710	WATTS Vision® Wireless digital room thermostat

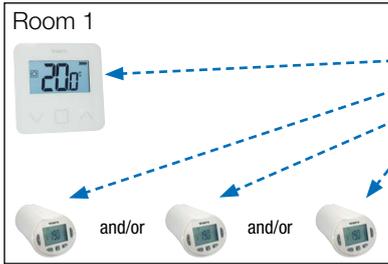
- Thermostat compatible with WATTS Vision® system
- Smartphone App control capability when associated to Central Unit BT-CT02 RF
- LCD display with back-light
- 3 sensitive touch buttons
- Open window detection
- Different temperature modes setting
- Anti-freeze function
- Configurable Hysteresis or PWM regulation
- Pin Code & screws lock for public area
- Wall or Desk mounting with a stand (included)
- 2 parameter menus User and Pro

In option

- External sensor with several possibilities of regulation (Floor, combined...)

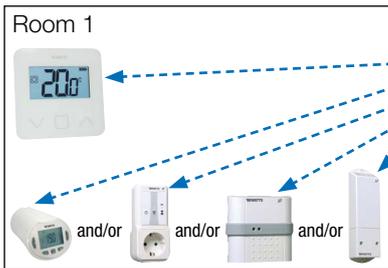
Technical specification	
Operating temperature	0÷40°C
Shipping and storage temperature	-10°C to +50°C
IP rating	IP30
Protection class	Class II
Temperature accuracy	0.1°C
Regulation type	Proportional Band (PWM 2°C/10min) or Hysteresis 0.2°C to 3.0°C
Temperature ranges: Comfort / Reduced / Anti-freeze	5÷37°C / 5÷37°C / 0.5÷10°C / (increments of 0.5°C)
Power supply	2 AAA LR03 1.5V Alkaline, Life ~2 years
Radio frequency	868 MHz, <10mW, Bidirectional communication
Sensor	Internal and/or external (opt.) NTC 10kW at 25°C
Firmware version	Shown on thermostat menu N°13
Memory	EEPROM non volatile
Directives	2014/35/EU, 2014/30/EU, 2014/53/EU, 2011/65/EU, 2012/19/EU, 2015/1188/EU

Examples of installation type



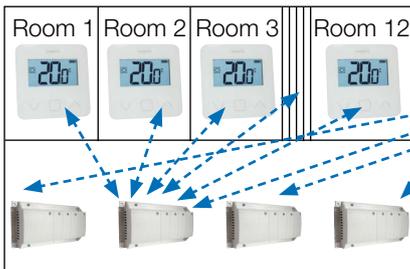
Type 1 - (Room with thermostat and one or more thermostatic heads)

- Pair the thermostat (if present) with the central control unit before pairing the other devices.
- The actuators proceed with system control on the basis of thermostat temperature.



Type 2 - (Room with thermostat and one or more receivers or thermostatic heads)

- Pair the thermostat with the central control unit before pairing the other devices.
- The other devices proceed with system control on the basis of thermostat temperature.



Type 3 - (floor heating system)

- Each thermostat is paired with a connecting box master (BT-M6Z). The master can be paired with a central unit (BT-CT). Pair the thermostat with the master before pairing the other devices.
- During pairing, the central unit automatically creates rooms according to the number of thermostats (rooms) paired with the master. Default names are assigned to the rooms. You can change these in the "House creation" menu (you can identify these rooms with different set-point temperatures).

Specification text

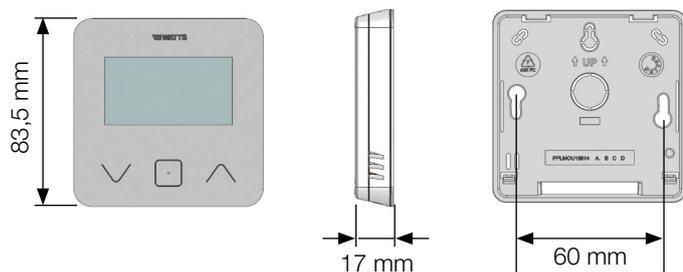
The WATTS Vision® controls multi-zone heating and/or cooling system (up to 50 zones) with full remote control from your PC or the dedicated smartphone app.

The BT-D03 RF Series Wireless digital room thermostat with radio frequency (868 MHz) back-light LCD display is designed to control the temperature of the individual rooms and remote contacts.

Pin Code & screws lock for public area. Wall or Desk mounting with a stand (included). Power supply 2 AAA LR03 1.5V (included).

Compliant with: 2014/35/EU, 2014/30/EU, 2014/53/EU, 2011/65/EU, 2012/19/EU, 2015/1188/EU.

Overall dimensions (mm)



« The descriptions and photographs contained in this product specification sheet are supplied by way of information only and are not binding.

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