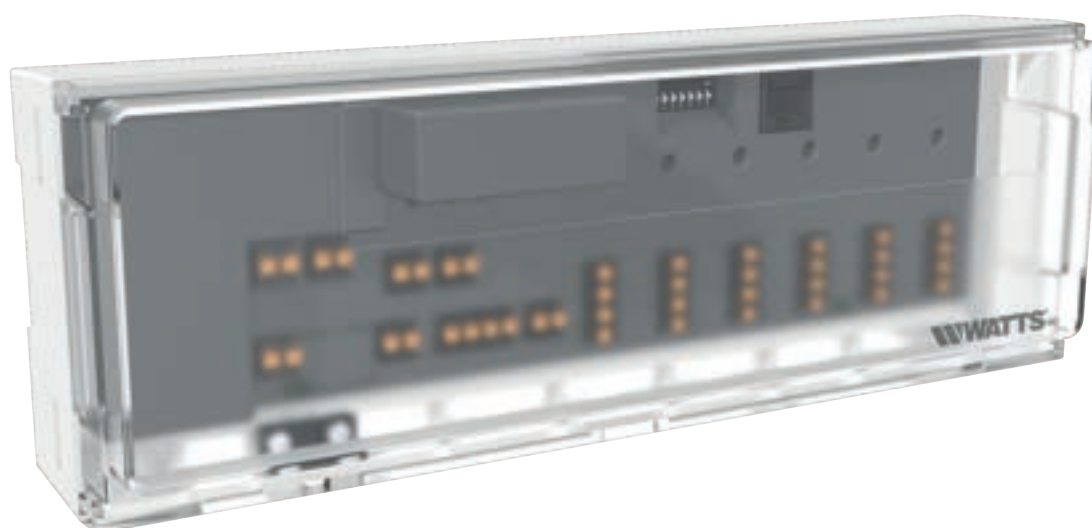


# WHC-03 HC RF Series

Heat&Cool heating floor controller

Vision® Wireless

## Technical Data Sheet

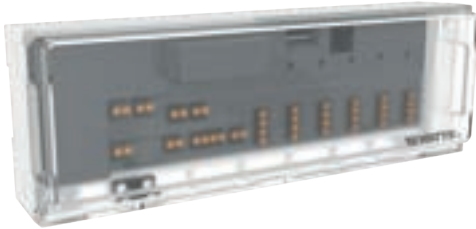


## Description

Vision® Wireless enables temperature control of individual rooms in heating and/or cooling systems.

It is a wireless system that requires the use of a wireless room thermostat to control the temperature of individual rooms through remote contacts.

The Vision® system allows full remote control of the system using any browser from your PC or the dedicated smartphone app (iOS or Android) using the system's Wi-Fi connection.



### SERIE VISION® WIRELESS WFC-03 HC RF

The WFC-03 Heating and Cooling Floor Controllers connect all components of the Vision® Wireless system and effectively control the motorized valves.

The DIN rail attachment and tool-less connectors provide quick and easy installation.

The LED diagnostic, combined with the USB data logger, facilitates verification and maintenance of the installation.

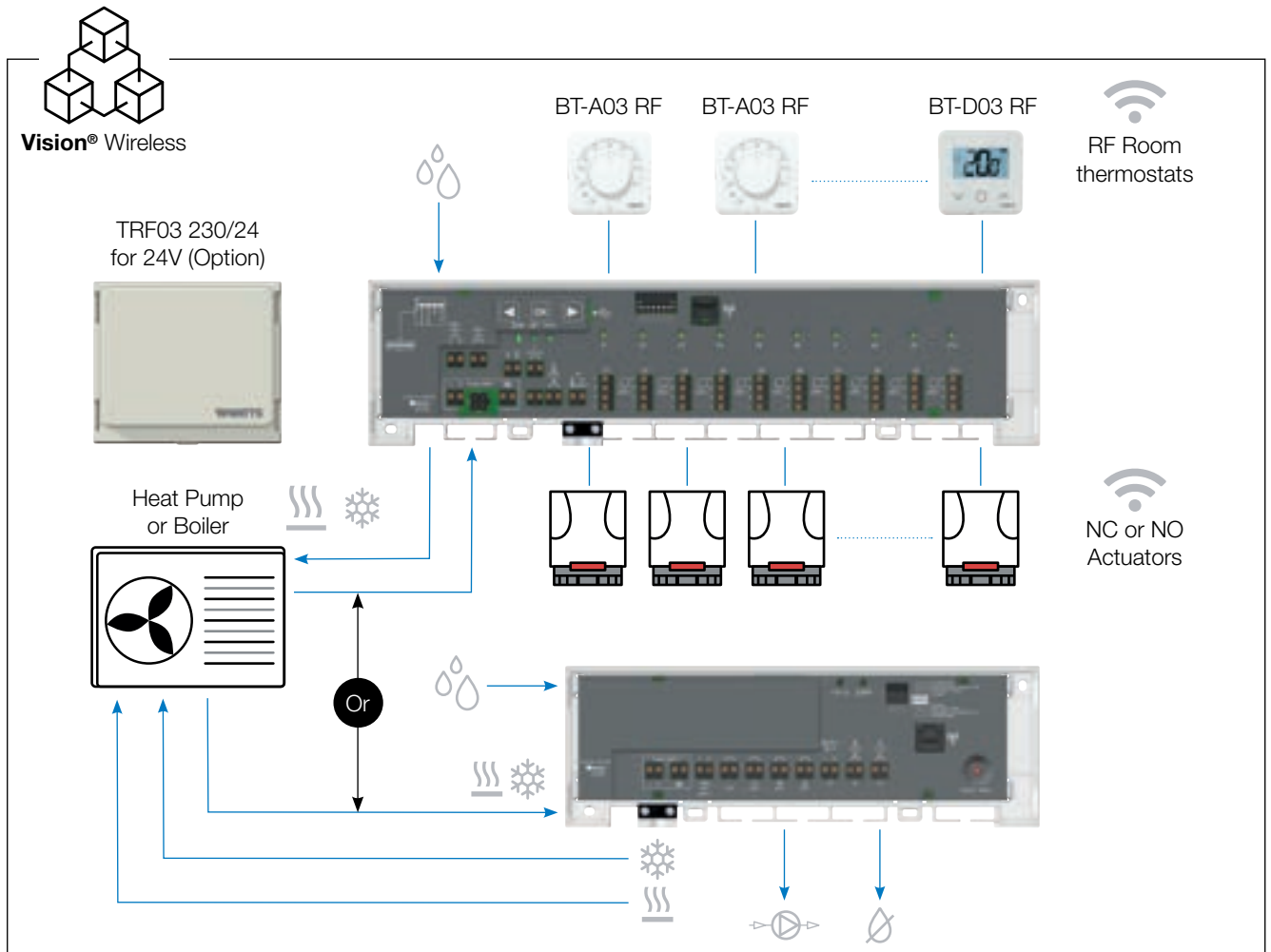
The inputs and outputs on the controller and on the Heat and Cool module allow to precisely control the heating and cooling system as well as the dehumidification management for optimal comfort.

Type	Reference	Description
WFC-03 6Z HC RF 24	P08291	24V Floor Heating and Cooling RF Controller 6 zones
WFC-03 6Z HC RF 230	P08397	230V Floor Heating and Cooling RF Controller 6 zones
WFC-03 10Z HC RF 24	P08292	24V RF Floor Controller Heating and Cooling 10 Zones
WFC-03 10Z HC RF 230	P08399	230V Floor Heating and Cooling RF Controller 10 Zones
WFC-03 HCM RF 230	P08401	Heat and Cool Module for RF Heating and Cooling Floor Controller
TRF03 230/24	P08277	230V/24V transformer for RF heating and cooling floor controller

- Connectors without tools
- 24V transformer with socket (in option)
- Mounting on Din rail or directly on the wall
- Internal RF coil, optional external coil
- Configuration by DIP Switch
- LED diagnostic indication
- Data Logger on USB
- Remote control of the pump or boiler
- Anti-grip function
- Dehumidification control output on the heat&cool module or area offset on the controller
- Water probe inlet for automatic detection of hot or cold mode and for humidity control
- Up to 3 slave controllers
- Controller compatible with RF thermostats BT-D03 HC RF, BT-A03 HC RF and BT-DP03 HC RF

Technical characteristics	
Operating temperature	0 to 40°C
Shipping and storage temperature	-10°C to +50°C
IP protection rating	IP30
Protection class	Class II
Feeding	230 Vac 10% 50Hz - Transformer P08277 required for 24V
Radio Frequency	868 MHz, <10mW, bi-directional communication
Relay	2 x 5A
Motorized valves	230V/24V depending on NC/NO versions up to 2W
Standards	2014/35/EU, 2014/30/EU, 2014/53/EU, 2011/65/EU, 2012/19/EU, 2015/1188/EU

## Vision® Wireless System



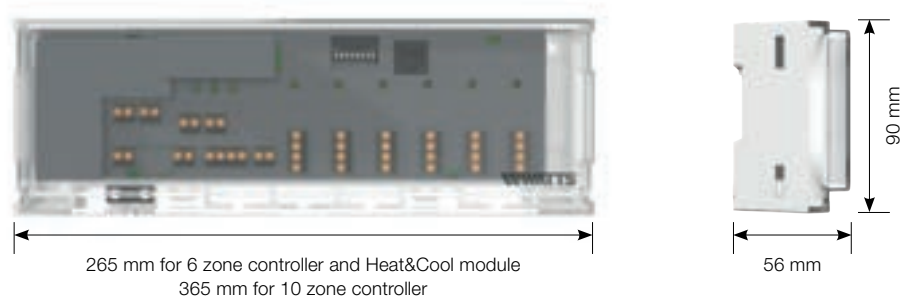
## Specification text

Wireless heating and cooling floor controller. Allows 22CX motorized valve controller from Vision® Wireless series thermostats. Motorized valves are connected by means of connectors without tools. A LED diagnostic system and a USB data logger allow the diagnosis of the installation.

### Compliant with:

2014/35/EU - 2014/30/EU - 2014/53/EU - 2011/65/EU - 2012/19/EU - 2015/1188/EU.

## Overall dimensions (mm)





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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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Watts hereby objects to any term, different from or additional to Watts terms, contained in any buyer communication in any form, unless agreed to in a writing signed by an officer of Watts.

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