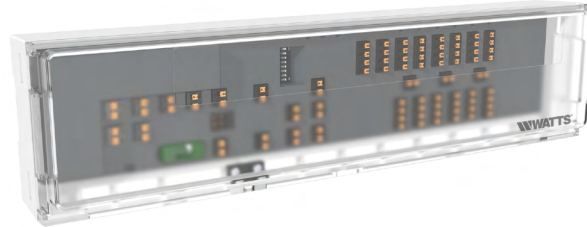# WFC-03 Series

Floor heating regulator - Vision® Wired

Technical Data Sheet

W WATTS®

Description

Vision® Wired enables temperature control of individual rooms in heating and/or cooling systems.
It is a Wired system that requires the use of a wired room thermostat to control the temperature of individual rooms through remote contacts.

VISION® WIRED WFC-03 SERIE

The WFC-03 Heating and Cooling Floor Controllers connect all components of the Vision® Wired system and effectively control the actuators.
The DIN rail attachment and tool-less connectors provide quick and easy installation.
The HEAT range can be used for 24V or 230V installations to reduce the reference number.
The Heat+ and Heat&Cool ranges have outputs to drive different equipment and optimize comfort.

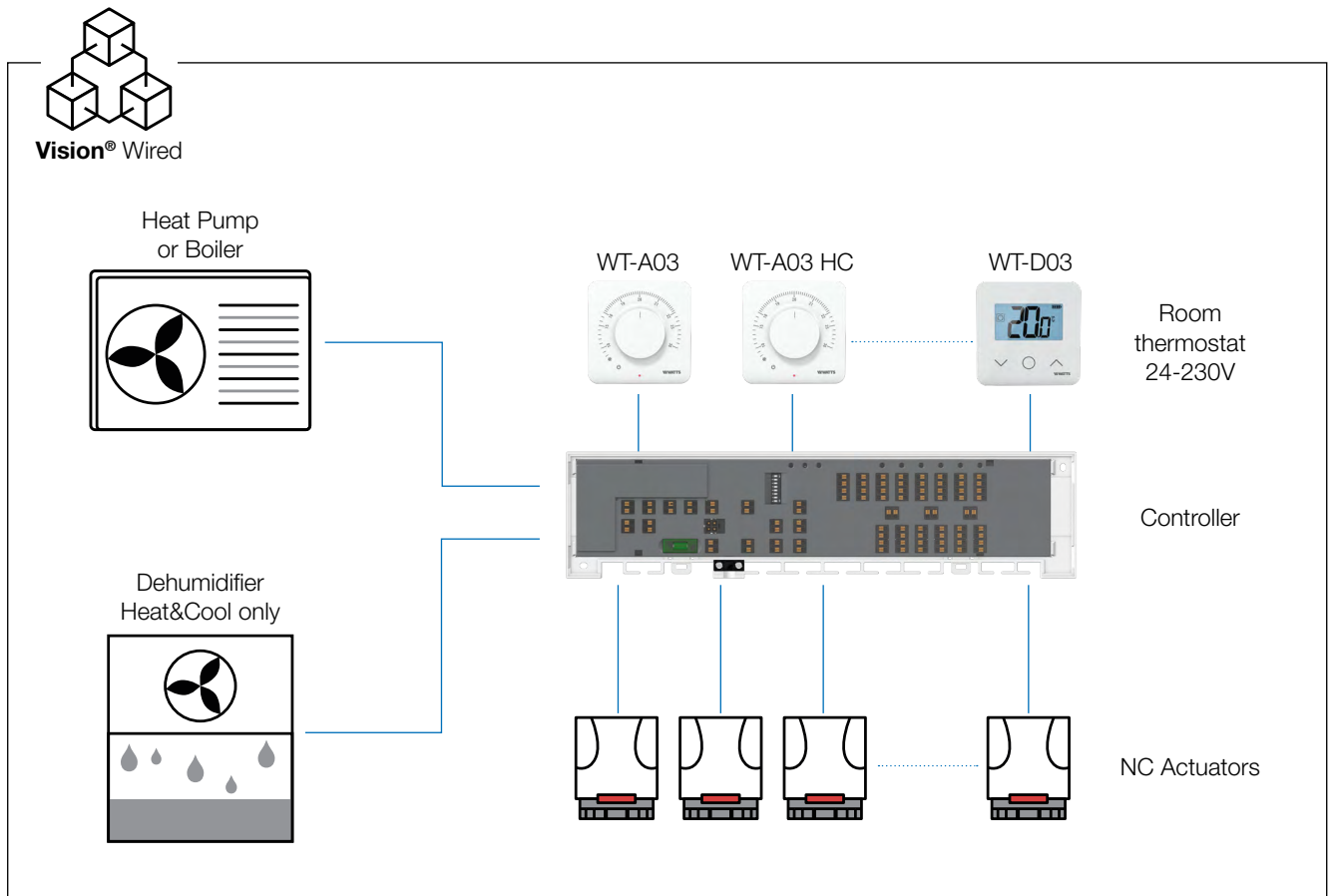| Range	Type	Reference	Description
HEAT	WFC-03 6Z 24-230	P08278	24V/230V 6-zone Heat Floor Heater Wired Controller
	WFC-03 8Z 24-230	P08279	24V/230V 8-zone Heat Floor Heater Wired Controller
HEAT+	WFC-03 6Z H+ 24	P08280	24V floor heater 6 zone Heat+ wired controller
	WFC-03 6Z H+ 230	P08282	Wired 230V floor heating controller 6 zones Heat+
	WFC-03 8Z H+ 24	P08281	24V floor heater 8 zone Heat+ wired controller
	WFC-03 8Z H+ 230	P08283	230V floor heater 8 zone Heat+ wired controller
	WFC-03 10Z H+ 24	P08284	24V floor heater 10 zone Heat+ wired controller
	WFC-03 10Z H+ 230	P08285	Wired 230V floor heating controller 10 zones Heat+
HEAT&COOL	WFC-03 6Z HC 24	P08286	24V wired floor heating controller 6 zones Heat&Cool
	WFC-03 6Z HC 230	P08287	Wired 230V floor heating controller 6 zones Heat&Cool
	WFC-03 8Z HC 24	P08288	24V wired floor heating controller 8 zones Heat&Cool
	WFC-03 8Z HC 230	P08289	Wired 230V floor heating controller 8 zones Heat&Cool
HEAT+ or H&C 230V actuators, 24V thermostats	WFC-03 6Z H+ 230 24V TH	P08700	Wired 230V floor heating controller 6 zones Heat+ 24V thermostats (embedded transformer)
	WFC-03 6Z HC 230 24V TH	P08699	Wired 230V floor heating controller 6 zones Heat&Cool 24V thermostats (embedded transformer)
	WFC-03 6Z EXT 230 24V TH	P08701	Wired 230V floor heating 6 zones Heat&Cool extension module 24V thermostats
230V/24V transformers	TRF03 230/24 PLG	P08334	230V/24V transformer with socket for HEAT controller
	TRF03 230/24	P08277	230V/24V transformer for HEAT+ and HEAT&COOL controller

- Din rail mounting*
- Connectors without tools
- 24V transformer for 24V controller (in option)
- Configuration by DIP Swich*
- Anti-grip function*

- Dehumidification outlet*
- Controller compatible with thermostats WT-D03 HC, WT-A03 HC, WT-A03 and WT-DP03 HC

* for the Heat&Cool range

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 required for 24V: - P08334 transformer for Heat controllers, - P08277 transformer for Heat+ and H&C controllers. (P08699 and P08700 embed a transformer for 24V thermostat power supply)
Actuators	230V/24V depending on NC/NO versions up to 2.5W
Standards	2014/35/EU, 2014/30/EU, 2011/65/EU, 2012/19/EU, 2015/1188/EU

Vision® Wired System

Vision® Wired

Heat Pump or Boiler

Dehumidifier Heat&Cool only

WT-A03 WT-A03 HC WT-D03

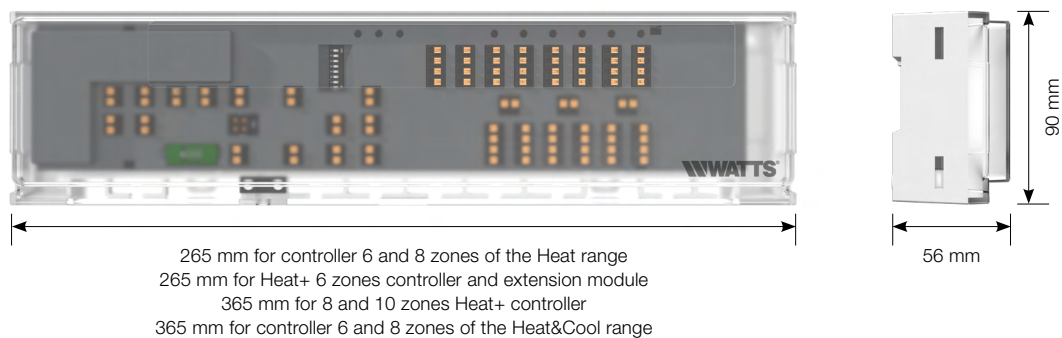Room thermostat 24-230V

Controller

NC Actuators

Specification text

Floor controller heating and cooling wired. Controls 22CX actuators from Vision® Wired series thermostats.
Actuators are connected by means of connectors without tools.

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

Overall dimensions (mm)

90 mm

56 mm

265 mm for controller 6 and 8 zones of the Heat range
265 mm for Heat+ 6 zones controller and extension module
365 mm for 8 and 10 zones Heat+ controller
365 mm for controller 6 and 8 zones of the Heat&Cool range

Watts Electronics S.A.S.
B.P. N°10 - Z.A. des Tourettes • 43800 ROSIERES • France
Tél. +33 (0)4 71 57 40 49 • Fax. +33 (0)4 71 57 40 90
Sales-rosieres@wattswater.com • www.watts.eu