

FAQ - WATTS® Vision®

Device	Question	Answer	BT-CT02 RF WiFi	BT-CT02 RF	BT-A02 RF	BT-D02 RF	BT-DP02 RF	BT-D02 RF RH	BT-DP02 RF RH	BT-M6Z02 RF	BT-S4Z02 RF	BT-S6Z02 RF	BT-FR02 RF	BT-FVR02 RF	BT-PR02 RF	BT-TH02 RF	BT-WR02 RF	BT-WR02HC RF	BT-HCM02 RF	
Central unitWiFi	What is the estimated data traffic volume between the BT-CT02 RF WiFi and the App-Server?	Based on a traffic survey made on the server, you have to consider in average: - 37.2 MB/day/central - 1154 MB/month/central Of course, this figure is dependent of the configuration of the central: More devices you have in your installation, more traffic you have between the central and the server.	x	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Central unit, RF-connecting box	According to the manuals 1 BT-CT02 RF (WiFi) can be connected with 4 Master/Slave BT-M6Z02 RF / BTS.Z02 RF to control up to 12 zones per each. If no extension (slave) is used, would it be possible to connect more than 4 master, taking into account the maximum number of zones (48 or 50 zones)?	Yes, it is possible to connect more than 4 Master / Slave combinations. However, the maximum number of 50 zones on the central unit must not be exceeded.	x	x	-	-	-	-	-	x	x	x	-	-	-	-	-	-	-	-
Heat and cool module, RF-connecting box,	According to the manuals 1 heat/cool module BT-HCM02 RF can be connected with 4 Master/Slave BT-M6Z02 RF / BTS.Z02 RF to control heating and cooling 2-pipe installation (heating and cooling with the same pipe / manifold, e.g. combined floor heating/cooling ). Would the device be capable to control 4-pipe installations as well (heating and cooling with separate pipes and separate manifolds, e.g. floor heating and ceiling cooling)?	For separated control of ceiling cooling and floor heating the connecting boxes cannot be used	-	-	-	-	-	-	-	x	x	x	-	-	-	-	-	-	-	x
Heat and cool module, RF-connecting box, RF-receiver	How to control a combination of floor heating and ceiling cooling?	BT-WR02 HC RF receivers can be used because such installations may not use a manifold but individual zone valves one for heating circuit and one for cooling circuit.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	x	x
Central unit	If the date and time are set to Auto, UTC is the reference time. What does this mean for the adjustment of the time zone?	The Universal Coordinated Time (UTC) is the basis for the global calculation of local time. In Germany / Central Europe UTC + 1 is considered as normal time and UTC + 2 as summer time.	x	x	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Central unit, Funk-Repeater	How many repeaters BT-FVR02 RF can be connected to a central unit and what has to be observed?	Multiple RF-repeaters can be connected to a central unit. However, in the case of installation, attention must be paid to a star topology. A repeater must communicate directly with the central unit and does not use the signal from another repeater (signal transmission is not possible).	x	x	-	-	-	-	-	-	-	-	-	x	-	-	-	-	-	-
RF-receiver	Is there a minimum distance between several RF-receivers installed at the same location which has to be observed?	A minimum distance between the RF-receivers is not required.	x	x	-	-	-	-	-	-	-	-	x	-	x	-	x	x	-	-
RF-thermostat, RF-connecting box, RF-receiver, RF-thermostatic actuator, Central unit	Is there a minimum distance between the different units (as RF-thermostat, RF-connecting box, RF-receiver, RF-thermostatic actuator and central unit)which has to be observed during rf-initialisation or mounting position?	The distance between RF-transmitter (RF-thermostat or central unit) and RF-receiver (RF-receiver, RF-connecting box, central unit) should be at least 1 m.	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
RF-receiver	What is the maximum voltage fluctuation that the radio receivers can withstand?	Please refer to the data sheet. The voltage supply is usually 230 VAC ± 10%	-	-	-	-	-	-	-	-	-	-	x	-	x	-	x	x	-	
RF-thermostatic actuator, RF-thermostat, Central unit	Can one re mor RF-thermostatic actuators be directly connected to a RF-thermostat?	No. If one or more RF-thermostatic actuators are to be connected to a RF-thermostat, a central unit must be "placed between". The direct connection between RF-thermostatic actuator and RF-thermostat is not possible in order to protect the batteries life-time of both units. A direct connection would shorten battery life-time tremendously.	x	x	x	x	x	x	x	-	-	-	-	-	-	-	x	-	-	-

Device	Question	Answer	BT-CT02 RF WIFI	BT-CT02 RF	BT-A02 RF	BT-D02 RF	BT-DP02 RF	BT-D02 RF RH	BT-DP02 RF RH	BT-M6Z02 RF	BT-S4Z02 RF	BT-S6Z02 RF	BT-FR02 RF	BT-FVR02 RF	BT-PR02 RF	BT-TH02 RF	BT-WR02 RF	BT-WR02HC RF	BT-HCM02 RF
RF-thermostat	RF-thermostat shall measure the floor temperature using an external sensor.	<p>An external temperature sensor can be connected to each RF-thermostat. In the installers advanced parameter menu, select "FLr" or "FLL" on parameter # 20. If these are not available, do a reset (parameter # 36). The radio pairing has to be done again after reset.</p>	-	-	x	x	x	x	x	-	-	-	-	-	-	-	-	-	-