WATER FLOOR HEATING
Wireless Radio Frequency Modular Connecting boxes

- A complete concept for water floor heating
WATER FLOOR HEATING CONTROLS

WATTS ELECTRONICS offers a wide range of floor heating controls, providing optimal regulation, for the use of heat for comfort and energy savings in homes and buildings. The room temperature controls provide a precise regulation of the room temperatures across rooms in the building.

Watts Electronics has specially developed a radio frequency system easy to install and providing optimum temperature control.

Several advantages:
- no connection between the thermostats and the connecting box
- easy configuration between the thermostats and the connecting box
- simple programming functions for ease of use
- optimal regulation in order to minimize energy consumption
- DIN RAIL Mounting
- plug and play Master or Slave module

ACTIVE ANTENNA

Our system is elaborated with an active antenna, which can be placed next to the system or distant. The controls can be adapted to several frequencies (433 MHz, 868 MHz...) according to the thermostats that is used.

RADIO FREQUENCY THERMOSTATS

WFH Radio Frequency Belux

Radio frequency thermostat specially designed to work with our modular connecting box RF.

Personal code on each product.
Controls the Radio Frequency Receiver by radio transmission.
- High accuracy 0.3°C
- Switch ON / OFF
- Powered by 2 lithium batteries

Possibility to have an external probe to control the floor temperature (in regulation or in limitation.)

WFH Radio Frequency Belux Digital

Radio frequency digital thermostat specially designed to work with our modular connecting box RF.
Digital display indicates all temperatures and different modes.
Personal code on each product.
Controls the Radio Frequency Receiver by radio transmission
- High accuracy 0.3°C
- Switch ON / OFF
- Powered by 2 lithium batteries

WFH Radio Frequency Milux

Radio frequency digital thermostat specially designed to work with our modular connecting box RF.
Digital display indicates all temperatures and different modes (Comfort, Night, Antifreeze, Stop) and weekly programme setting.
Personal code on each product.
Controls the Radio Frequency Receiver by radio transmission.
  - High accuracy 0.3°C
  - Manual or automatic mode
  - Powered by 3 batteries
WATER FLOOR HEATING RADIO FREQUENCY RANGE

**WFH RF Receiver 24VAC / 230 VAC**

The receiver unit can work with 12 different thermostats. The module enables to link up the different zones with the thermostats. If needed, it can also be used as a 12 zones programmers / 9 fixed programmes & 4 users programmes.

To be connected to an active antenna.

Different installation menus are available. You can choose your options between:
- ITCS (Intelligence Temperature Radio Frequency (NO or YES): This technology allows you to have the precise temperature you want at the time you have selected.
- Pump exercise (NO or YES): If the pump has not run during one day, it can be switched on during one minute at 12H00 to avoid the seizing up of the pump (rusty problems)
- Activator exercise (NO or YES): If the pump has not run during one day, it can be switched during one minute at 12H00 to avoid stuck problems
- Choose between Normally closed and Normally opened actuator
- Buzzer (NO or YRS): Activate a buzzer in case of RF transmission problem

Easy configuration made by special keyboard and by bicolour led indications.

**WFH RF Modular 6 Zones**

Connecting box 6 zones (6 outputs).
Possibility to communicate with 6 different thermostats through our WFH RF Receiver.
The master is equipped with pump relay.
The slave is equipped with a Plug-in connector to be added on a master connecting box.

4 Leds to indicate different specifications:
- Red = Heating
- Green flash = RF transmission
- Green = Zone configuration

Works only with the receiver Radio Frequency 24VAC or 230VAC.

**WFH RF Modular 4 Zones**

Connecting box 4 zones (4 outputs).
Possibility to communicate with 4 different thermostats through our WFH RF Receiver.
The master is equipped with a pump relay.
The slave is equipped with a Plug-in connector to be added on a master connecting box.

4 Leds to indicate different specifications:
- Red = Heating
- Green flash = RF transmission
- Green = Zone configuration

Works only with the receiver Radio Frequency 24VAC or 230VAC.

**WFH Active Antenna**

This antenna includes a complete RF receiver.
The open ground distance is 200 meters.
The frequency is 433 MHz.
Other frequencies are available under specific requests.

**WFH Transformer 60 VA / 24 VAC**

Transformer 60 VA specially made for our Modular Connecting boxes 24 VAC.
Water Floor Heating Wireless Radio Frequency Controls

RF BELUX

ACTIVE ANTENNA

RF BELUX DIGITAL

RF MASTER 6 ZONES

RF SLAVE 4 ZONES

RF INTERFACE

ACTUATORS

MANIFOLD

Up to 12 Zones

PUMP

CONTACT THERMOSTAT
Product range: Watts Industries

- System disconnectors
- Backflow protection devices
- Check valves
- Safety units
- Safety relief valves
- Pressure reducing valves
- Automatic control valves
- Butterfly valves
- Shut off valves
- Measuring gauges
- Temperature control
- Expansion vessels
- Process switches
- Fuel products
- Gas products
- Electronic controls
- Installation protection products
- Radiator valves
- System products
- Manifolds and fittings

WATTS Electronics
Z A des Tourettes, 43800 ROSIERES, FRANCE
Phone +33 471 57 40 49 - Fax +33 471 57 40 90
E-mail: sales@wattselectronics.com - Site: www.wattsindustries.com