

WATER FLOOR HEATING

Hard Wired Modular Connecting boxes



- A complete concept for water floor heating

WATTS[®]
INDUSTRIES
Technology by nature

INTRODUCTION

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 & building.

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

Several advantages :

- Easy configuration between the thermostat 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

HARD WIRED WATER FLOOR HEATING THERMOSTATS

DIFFERENT TYPES OF BASIC THERMOSTATS WITH SAME DESIGN:



Basic Thermostat

Basic electronic thermostat to be used on water floor heating systems, controlled by actuators.

- Low cost, silent (triac output), to be connected directly to actuators or to our Modular connecting system
- Regulating on internal room sensor.

Basic thermostat with Pilot Wire

Electronic thermostat with night reduction mode to be used on water floor heating systems controlled by actuators.

- External pilot wire for night reduction, equipped with a switch to select comfort, reduction or clock mode.
- Regulating on internal or external sensor.
- Silent (triac output), to be connected directly to actuators or to our Modular connecting system

Dual Sensing Thermostats

Electronic thermostat with night reduction mode to be used on water floor heating systems controlled by actuators.

- External pilot wire for night reduction, equipped with a switch to select comfort, reduction or clock mode.
- Possibility to regulate either the floor or the room temperature, or combined (in that case, the floor sensor is used as temperature limiter)
- Silent (triac output), to be connected directly to actuators or to our Modular connecting system

WFH DUO TEMP PUBLIC AREA

Same as the Dual Sensing Thermostat above, with internal setting. Specially made for public area (school, offices...).



WFH DIGITAL CHRONO THERMOSTAT MILUX

Full digital chrono thermostat with 4 user programmes and 9 fixed programmes.

- Powered by 3 batteries
- High accuracy
- Easy to install (2 wires)
- Easy to programme

WFH DIGITAL THERMOSTAT

Same as the Dual Sensing Thermostat on the previous page, with a display indicating the setted temperature and the different modes via logos.



WATER FLOOR HEATING HARD WIRED RANGE



WFH Hard Wired Master & Slave Modular 6 Zones

Connecting boxes 6 zones.
Possibility to connect 6 thermostats and 4 actuators maximum on each thermostat.

Different types : MASTER, SLAVE, 230 VAC, 24 VAC, Actuators, normally closed, normally opened
The master is equipped with pump relay.
The slave is equipped with Plug-in connector to be added on a master connecting box.



WFH Hard Wired Master & Slave Modular 4 Zones

Connecting boxes 4 zones.
Possibility to connect 4 thermostats and 4 actuators maximum on each thermostat.

Different types : MASTER, SLAVE, 230 VAC, 24 VAC, Actuators, normally closed, normally opened
The master is equipped with pump relay.
The slave is equipped with Plug-in connector to be added on a master connecting box.



WFH Hard Wired Clock Timer 24 VAC / 230 VAC

2 zone programmers with the possibility to programme over a week.
2 different zones in the house.

4 user programmes and 9 fixed programmes.
The standard timer is directly plugged in our Modular Connecting Box.
Pump exercise function to avoid the seizing up (rusty or stuck problems)



WFH Transformer 60 VA / 24 VAC

Transformer 60 VA
specially made for our
Modular Connecting
boxes 24 VAC.



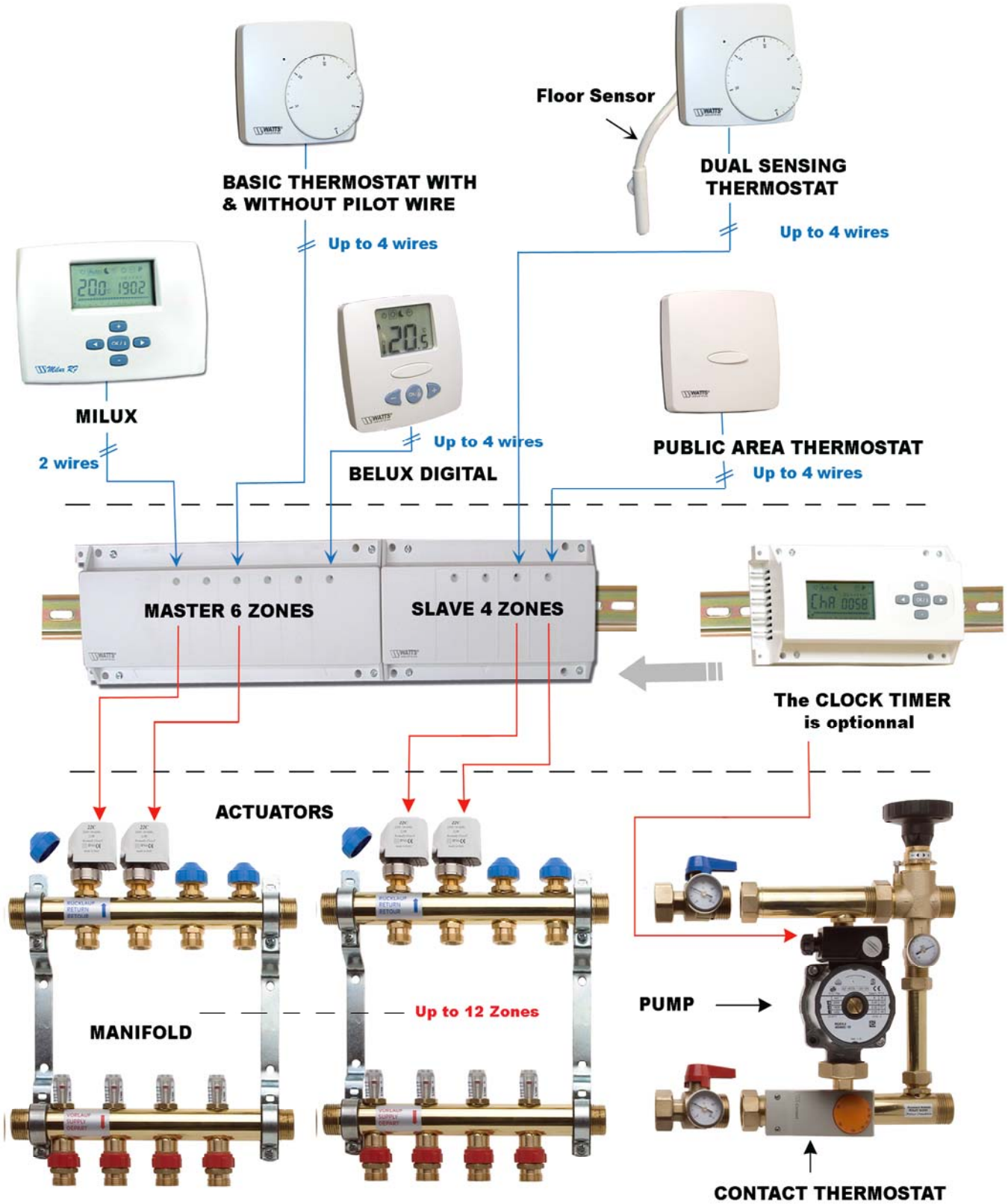
Floor Sensor 10K

External probe for
water floor temperature
control.

Sensor class II to be
used with all our ther-
mostats for floor
regulation or floor
limitation.

For different lengths,
please contact us.

Water Floor Heating Hard Wired Controls



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



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