



**WATTS**  
INDUSTRIES  
A Division of Watts Water Technologies Inc.

# CLIMATIC REGULATOR



**A complete concept  
for Water Control**

★ **Wired**

★ **Wireless**

Better confort  
&  
Energy saving

Help the world to reduce CO2 emission



# Watts Electronics



Watts Electronics, as part of Watts Industries, develops and manufactures on behalf of leading companies, predominantly in the HVAC sector but also into various different applications within the household appliances.

Combining electronics and mechanics, we bring solutions for your specific needs.

Thanks to his level of research and development, Watts Electronics offers cost effective and innovative solutions to several key European OEM's.

The company is constantly in touch with the academic world so as to provide our customers with state of the art expertise. The Group's motto "technology by nature" is a daily reminder to our employees that a methodical and clear-sighted approach adds value to the customer.

Watts Electronics counts more than 550 highly skilled employees divided in our three manufacturing plants based namely Tunisia, Sweden and France. For many years, we hold a leader position in the International Market thanks to our group sales network in the US, in Europe and in Tunisia.



# WATER CONTROL

*"Using correct water temperature to warm up your house"*

Climatic control or Weather compensator can offer energy saving benefits by taking into account the outside temperature and reducing the heat source output accordingly.

Our System controls a 3 way mixing valve and turn on, if necessary, the pump circulator.

By adding wired or wireless thermostat it is possible to compensate the room temperature demand.

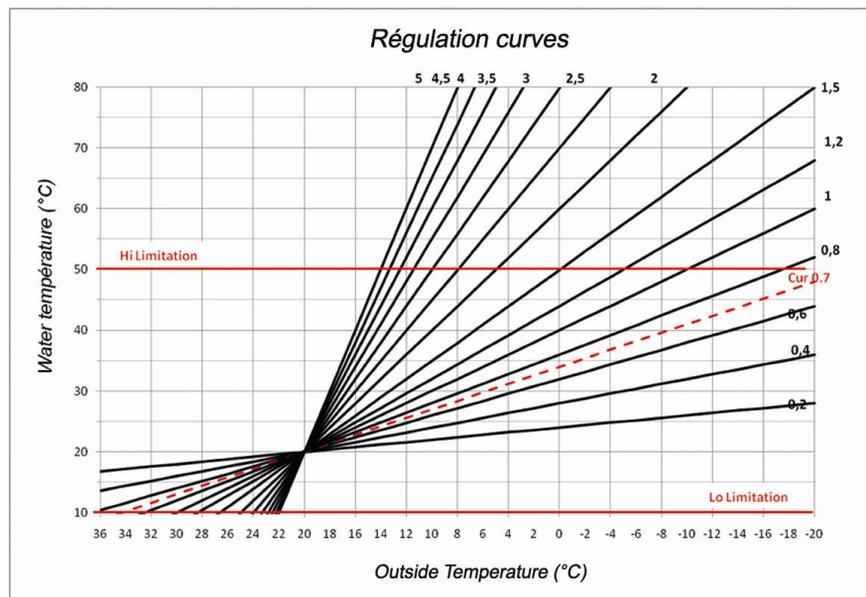
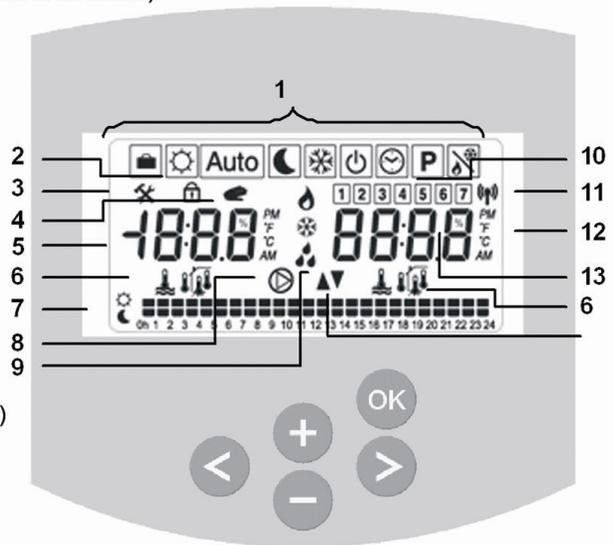
Different possibilities for Heating or Heating and Cooling .

Extra features included:

- Weekly program with 9 built in programs and 4 user programs
- Backlight for night visibility
- Infinite memory for static parameters
- 4 hours time clock back-up
- Possibility to use a RF outdoor sensor
- Already built in RF protocol on basic version (only Antenna to be added)

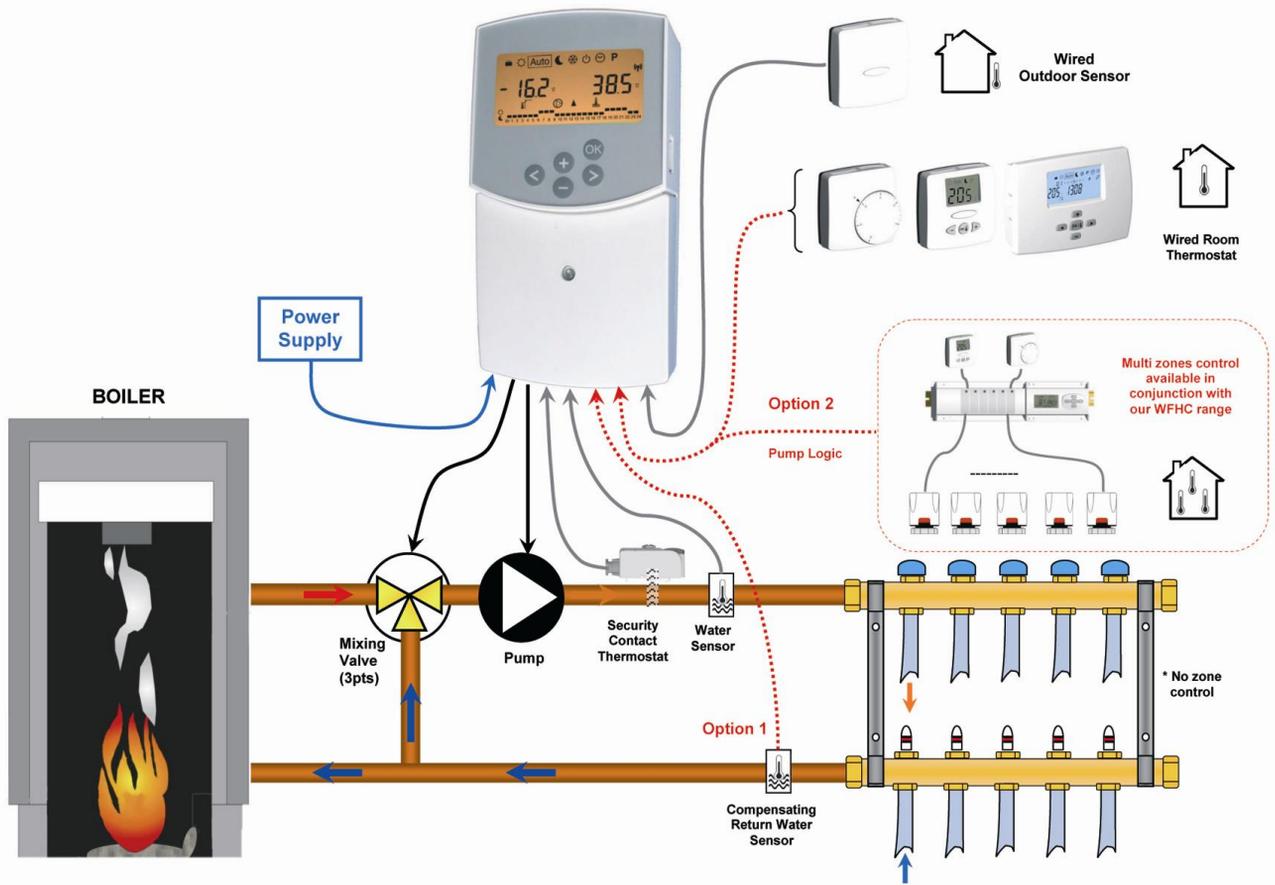
## DISPLAY

- 1: Operating modes
- 2: Keyboard is locked
- 3: Service Installation Menu
- 4: Manual operation / program override active (display of temperature offset)
- 5: a) display temperature (°C / °F)  
b) display time (12 h / 24 h)
- 6: Type of temperature displayed  
a) Water temperature  
b) Outside temperature  
c) Room temperature (if RF room thermostat connected)
- 7: Program graphic of the current day  
Comfort temperature  
Reduced temperature
- 8: Pump indicator
- 9: Working mode



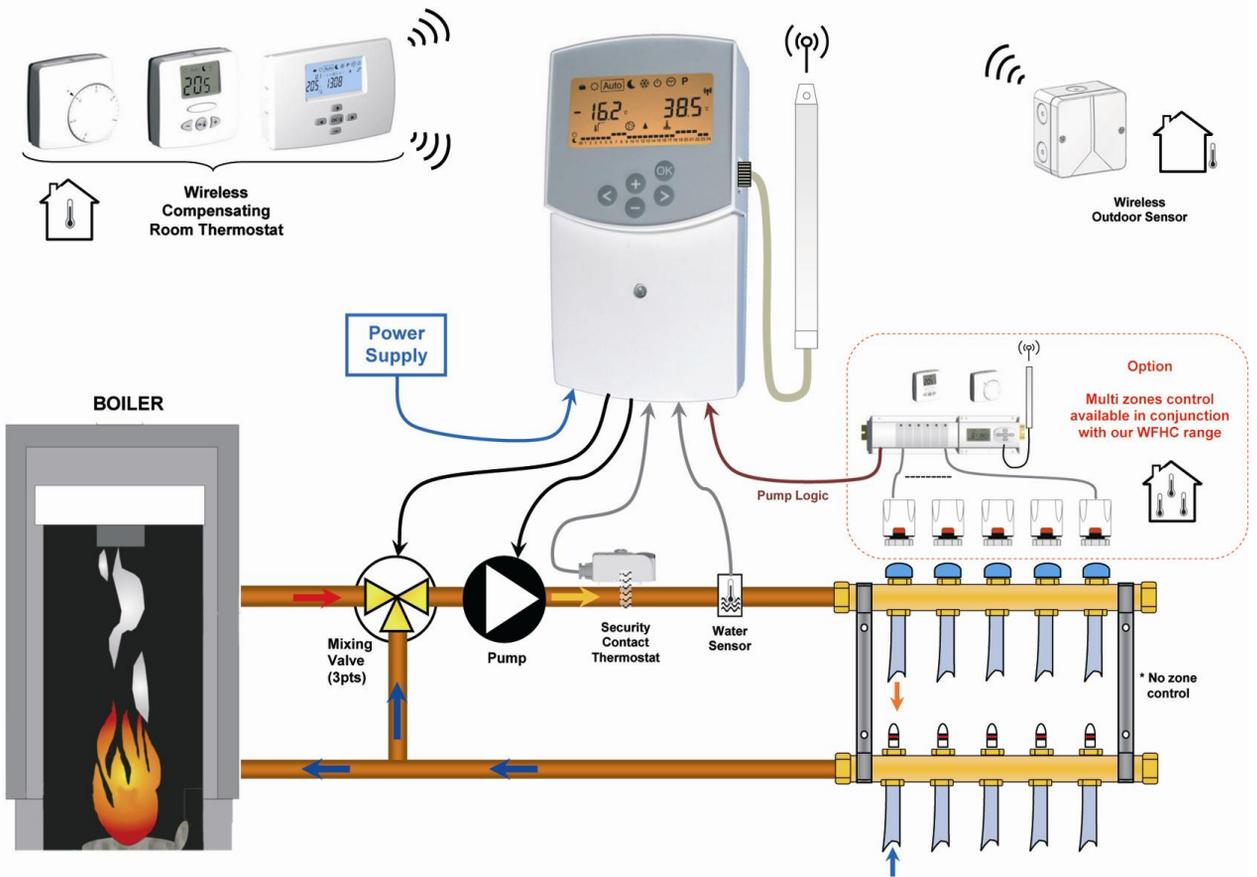


# HEATING APPLICATION (Wired Solution)



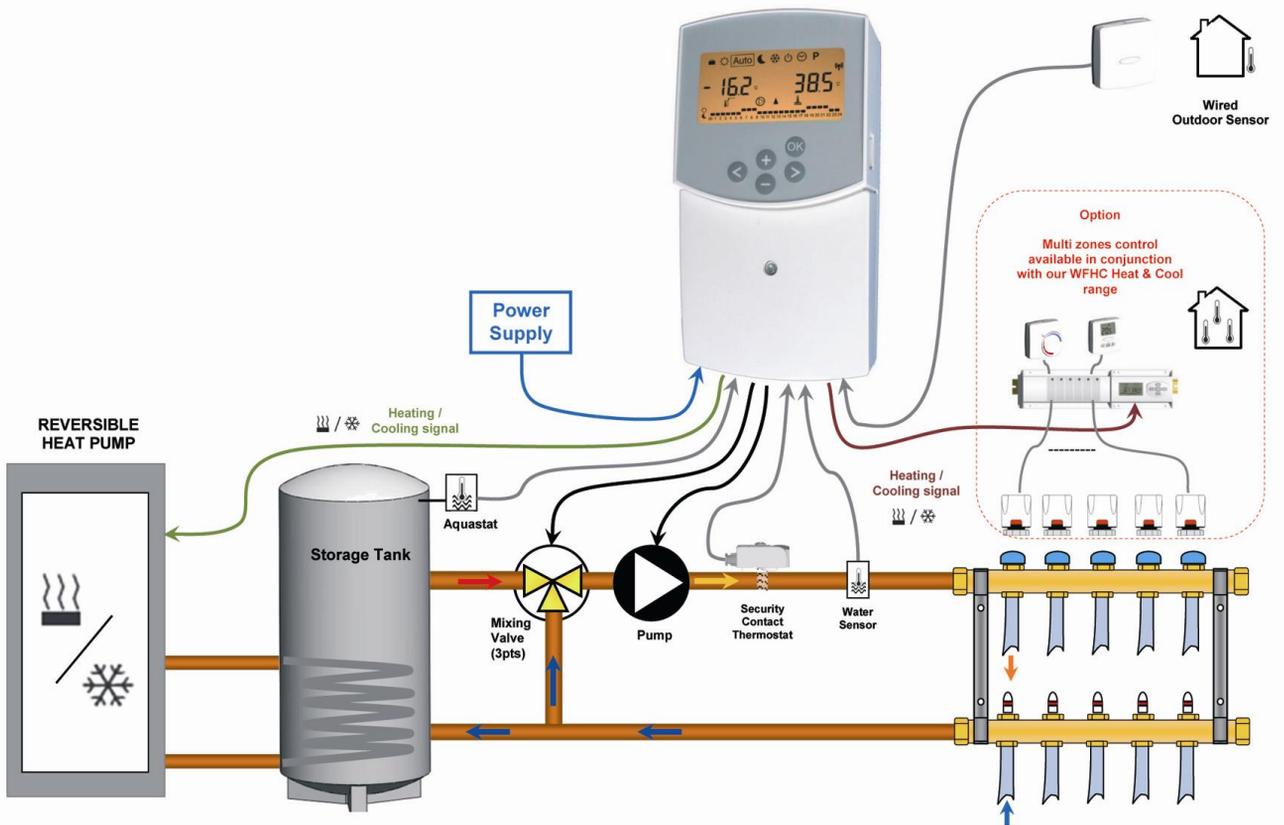


# HEATING APPLICATION (Wireless Solution)



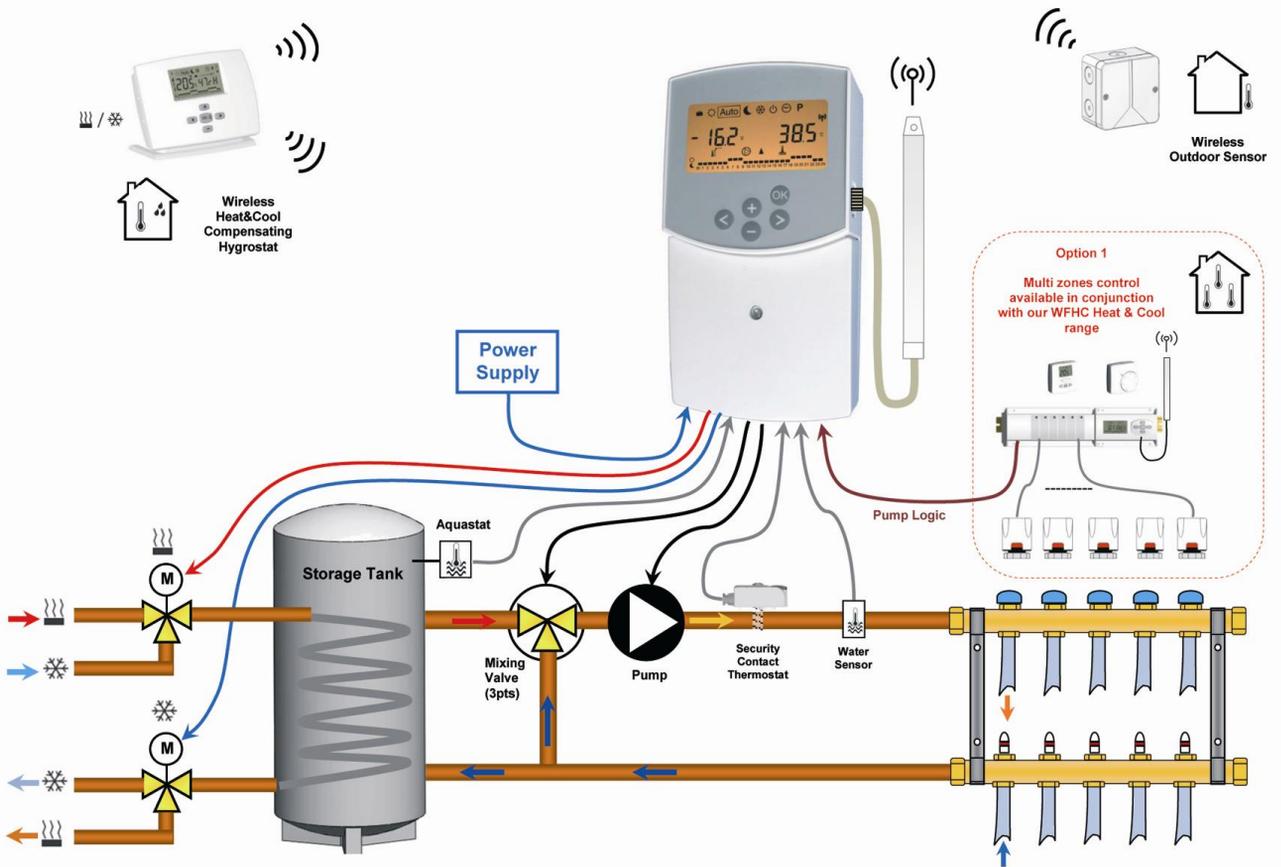


# HEATING AND COOLING APPLICATION (Wired Solution)



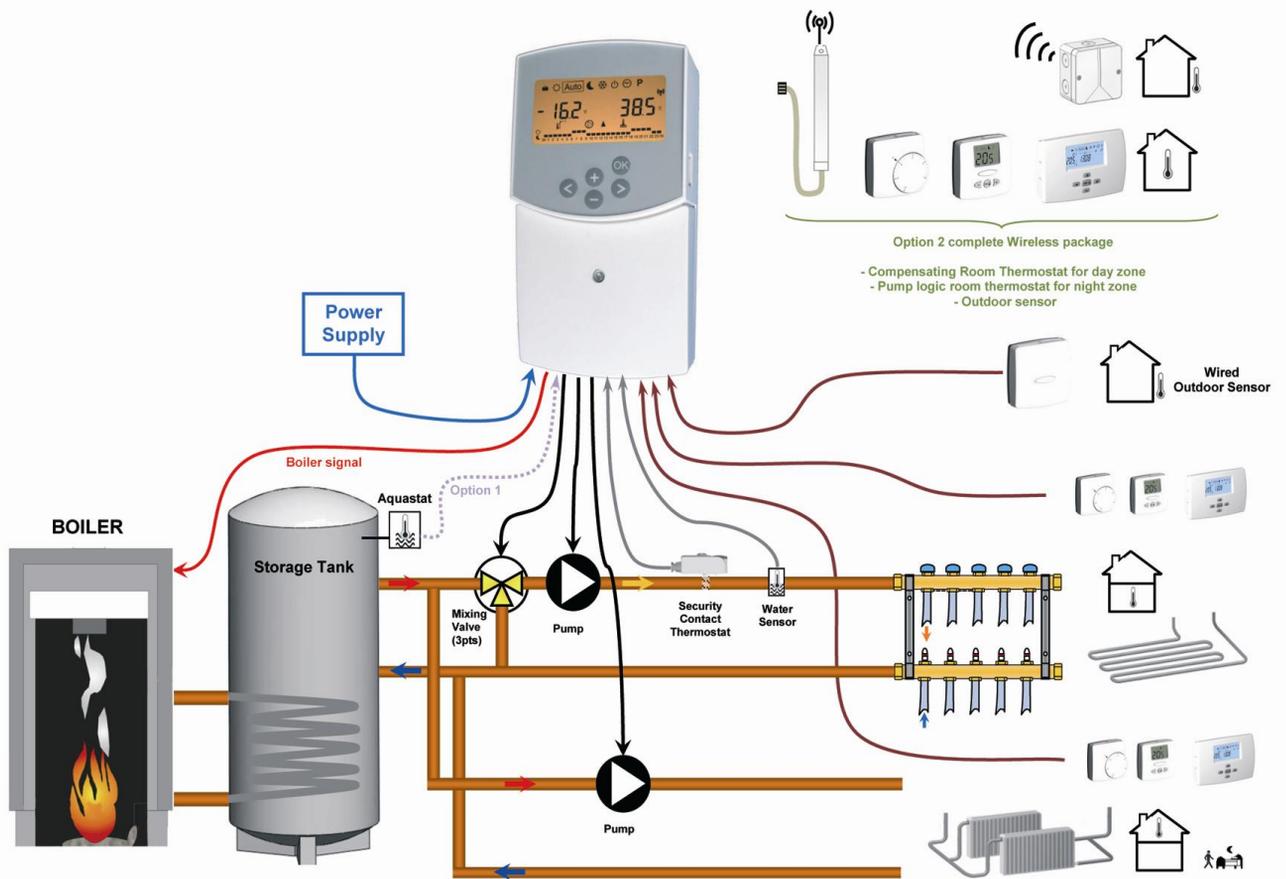


# HEATING AND COOLING APPLICATION (Wireless Solution)



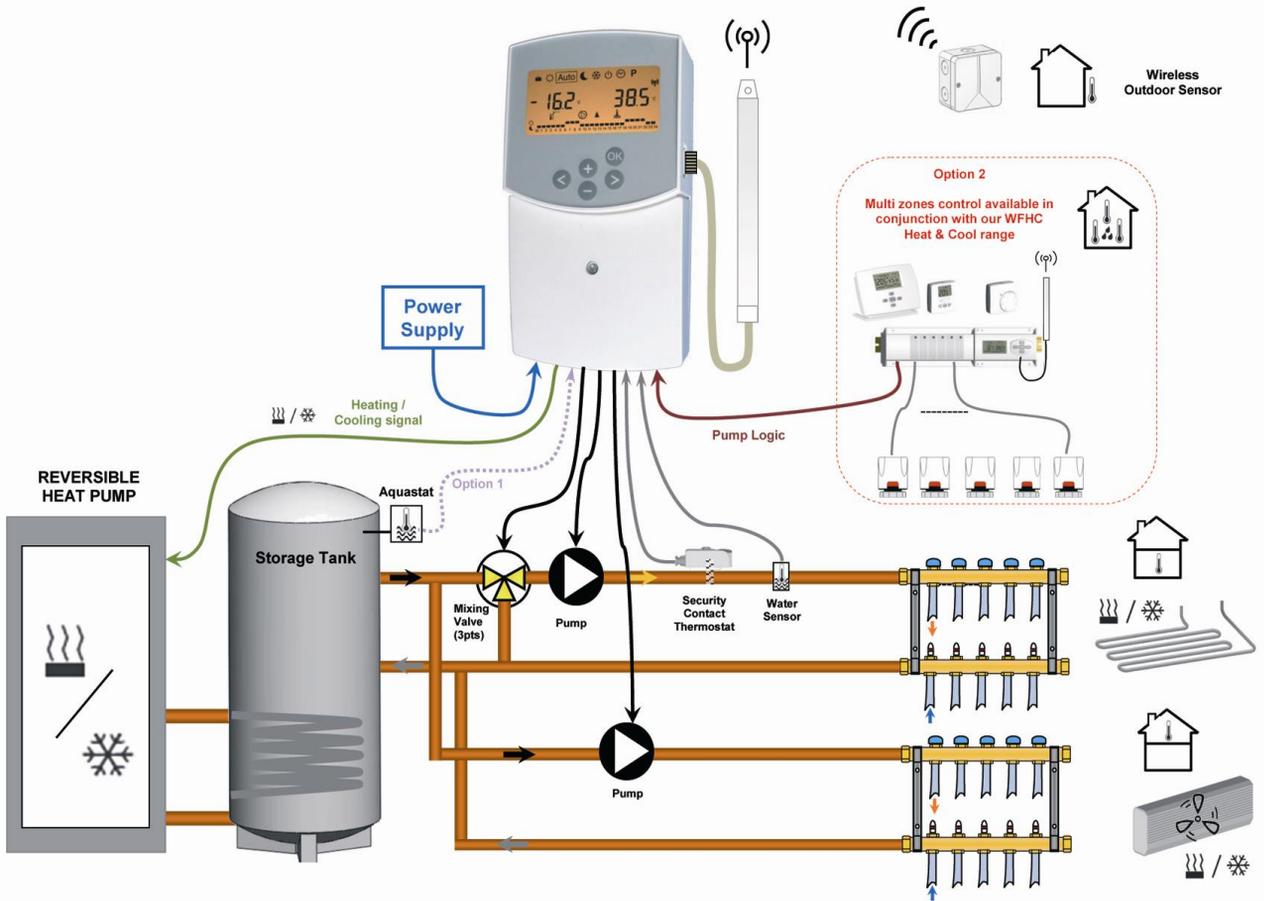


# HEATING APPLICATION combined solution (Under Floor Heating and Panel Heater)





# HEATING AND COOLING APPLICATION combined Solution (Under Floor Heating & Cooling and Fan Coil Unit)



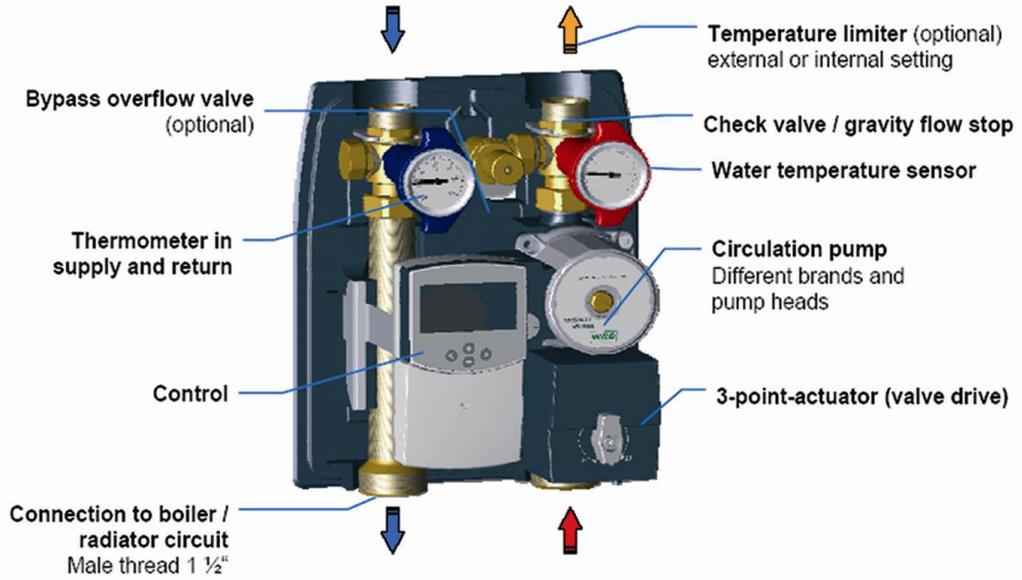


CLIMATIC AND WATER CONTROL "HEATING SOLUTION" WIRED and WIRELESS									
N°	Products	Application	Display	Programmable	Outdoor Sensor	Water Sensor	Mixing Valve	Pump Output	Other
CLIMATIC II Heating only		UFH and water control	LCD Picto	Weekly program	1 X Wired Outdoor sensor IP65	1X Water proof NTC 10Kohms	Triac output for 3 Points Actuator	5 Amps Relay	Only Heating
RF Antenna		UFH and water control	NA	NA	NA	NA	NA	NA	Available in 433Mhz or 868Mhz (100 meters open ground)
RF Outdoor Sensor		UFH and water control	Internal Led	NA	RF IP65 on Standard AA battery	NA	NA	NA	3 Years battery life time
RF Thermostats		UFH and water control	LCD Picto or Analogue	Programmable or Not	NA	NA	NA	NA	Wireless compensating thermostat

CLIMATIC AND WATER CONTROL "HEATING AND COOLING SOLUTION" WIRED and WIRELESS									
N°	Products	Application	Display	Programmable	Outdoor Sensor	Water Sensor	Mixing Valve	Pump Output	Other
CLIMATIC II Heating and Cooling		UFH and water control	LCD Picto	Weekly program	1 X Wired Outdoor sensor IP65	1X Water proof NTC 10Kohms	Triac output for 3 Points Actuator	5 Amps Relay	Heating and Cooling
Water Sensor		UFH and water control	NA	NA	NA	1 X Water proof NTC 10Kohms	NA	NA	Optional water sensor for Return water flow
RF Antenna		UFH and water control	NA	NA	NA	NA	NA	NA	Available in 433Mhz or 868Mhz (100 meters open ground)
RF Outdoor Sensor		UFH and water control	Internal Led	NO	RF IP65 on Standard AA battery	NA	NA	NA	
RF Thermostat		UFH and water control	LCD Picto	Weekly Programmable	NA	NA	NA	NA	Wireless Heat&Cool compensating thermostat and Hygrostat



# Integrated Solution



Single Pump Unit  
"Heating only"



Double Pump Unit  
"Heating and cooling"

Under Floor mixed with Panel Heater or Fancoil





## Technology by nature

### 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
  - Electronics controls
  - Installation protection products
  - Radiator valves
  - System products
  - Manifolds and fittings



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