

Catalog 2009



A Division of Watts Water Technologies Inc.

Watts Electronics



Expertise in development and manufactures of:

- Thermostats
- Hygrostats
- Timers
- Speedcontrols
- Wireless communication systems
- Customized electronics

 **WATTS**
INDUSTRIES
Technology by nature

INTRODUCTION

WATTS INDUSTRIES

Watts industries Europe b.v is the European Division of Watts Water Technologies Inc., a leading manufacturer of products that contribute to quality, comfort and safety in the use of water for domestic, commercial and industrial use. Watts Water Technologies Inc is listed on the New York Stock Exchange.

In the European market, Watts Industries develops and manufactures an extensive range of fittings and other products for sanitary, heating and other industrial applications, with sales both through the specialized wholesale trade outlets and Original Equipment Manufacturers (OEM's).

With more than 20 production plants and sales offices in practically all-European countries, Watts Industries Europe, with a workforce of 1,350, realises an annual turnover in excess of € 200 million.

WATTS ELECTRONICS

Watts Electronics, as a part of Watts Industries, develops and manufactures control systems for leading companies, primarily in the HVAC sector but also for various applications within household appliances.

As a supplier of electrical control expertise, Watts Electronics grows and develops alongside its customers with the benefit of a wide geographic coverage and superior customer services. By combining electronics and mechanics, we can meet the challenges of your particular business and industry.



Thanks to a high level of research and development investment Watts Electronics offers cost effective and innovative solutions, to major European OEM's. The company is constantly in touch with the academic world so as to provide our customers with leading edge expertise.

The Group's motto "technology by nature" is a daily reminder to our employees that a methodical and clear-sighted approach adds value for the customer.

Watts Electronics has more than 300 highly skilled employees and undertakes business in both Europe and The USA. We have three manufacture plants with possibility to our low cost facility based in Tunisia and Sweden (Specialist in Renewable energies).



PRODUCTION PLANTS

Watts Electronics main plant is located in Rosieres, France and we have a long established electronic and mechanical manufacturing expertise.

The ultramodern plant offers a broad range of resources for both prototype and serial production.

The equipment meets the very stringent requirements for new technology.

The facility has the resources to manufacture both surface mounted and hole mounted circuit boards while optimizing assembly and final production.

Watts Electronics in Rosieres has leading-edge expertise and resources for:

- Technical production consulting and process optimization
 - Adaptation to production
 - Prototype production
 - Surface mounting devices with X-ray in-line capabilities
 - Surface mounting device repair equipment
 - Standard electronic assembly
 - Assembly of end products
 - Testing



Watts Electronics in Monastir, Tunisia has a leading-edge expertise and resources for:

- Manual mounting
 - Surface mounting devices with X-ray in-line capabilities
 - Assembly of end products
 - Surface mounting device repair equipment
 - Standard electronic assembly
 - Assembly of end products



The manufacturing equipment and processes are similar within both Watts Electronics' facilities therefore production can be easily transferred from one to another to meet your various demands. Watts Electronics two plants produce almost 4 million PCB's per year with different cards from small connection cards up to complete controls systems.

MARKETS

Most of our customers are technology-intensive companies in the higher end of heating, cooling, air conditioning and domestic appliances. Watts Electronics exports around 65% of the production. Watts strategy includes growth and development in partnership with customers and this is reflected by its long-term customer base.

Our latest development is an ultramodern plant in Tunisia, which will pave the way for further expansion and give our customer an alternative for the high-volume, low cost production.

We can help you with all aspects or just part of the value chain in product development, new product introduction, manufacturing, stock keeping or distribution. We can also assist you, with either new or existing products.



QUALITY



Watts Electronics proactively pursues its quality with a focus on awareness in the organization, shorter lead times and greater flexibility.

Our Group-wide quality management system complies with the ISO 9001/2000. You obtain the same quality and good value regardless of which production unit does the work. Watts Electronics strategy is to remain close to the customer.

That way we can support your capacity, resources, geographic expansion and product re-engineering and rationalization.

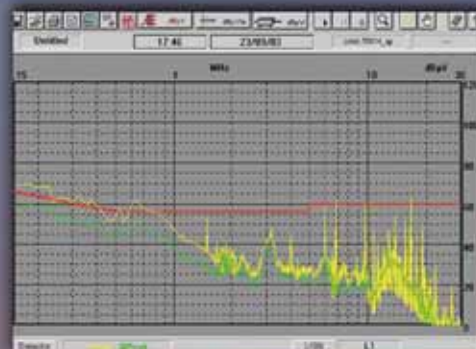
All products pass a 100% testing with high technology equipment both functionally and with in-circuit testing prior to despatch



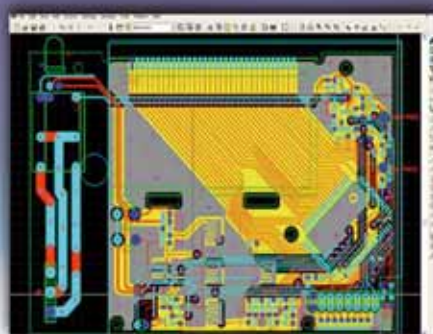
RESEARCH & DEVELOPMENT

Watts Electronics can assume responsibility for your product development. Our 15 development engineers devote their time and energy to design the product solutions that the market is looking for. Development and manufacturing are two sides of the same coin. When they are integrated, your cost-effectiveness automatically improves, your work pace accelerates and the total cost of your product decreases. You can turn over the entire responsibility for developing a new product to Watts Electronics, or you can ask us to improve an existing product or a prototype.

If development is part of your core operations, we can take charge of rationalizing the product—either at an early or advanced stage of its life cycle.



Electromagnetic Compatibility pre-qualifying



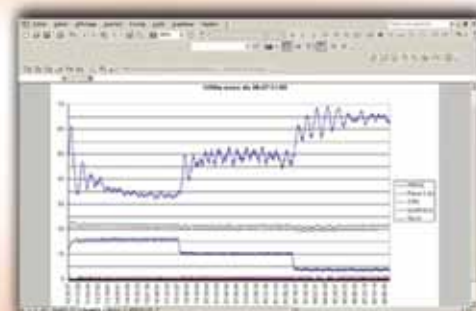
Computer Assisted Design

We offer you our competences at your service in various fields, electronics, mechanic, test and approvals:

- Analog electronics
- Digital electronic
- Different kind of communication (Infra Red, Radio Frequency, Bus, Power Line and Wireless communication)
- Computer Assisted Design study
- PCB design - Prototype - Electromagnetic compatibility expertise (EMC)
- Regulation test in bi-climatic room

We are very experienced in all aspects of providing solutions to your applications. You can confidently turn your concepts over to us for completion. It doesn't matter whether it's a standard electronic solution or an advanced mechanical/electrical product, we will know what needs to be done. Regardless of your particular application, one of our experienced project managers will take your requirements from concept to development and on to production.

Simply leave it to WATTS ELECTRONICS.



Bi-climatic room

CONTACTS



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A- Electrical Panel Heater



B- Electrical Floor Heating



C- Water Floor Heating



D- Air Conditioning



E- Boiler



F- Sanitary Equipment



G- General Applications



H- Standard Range

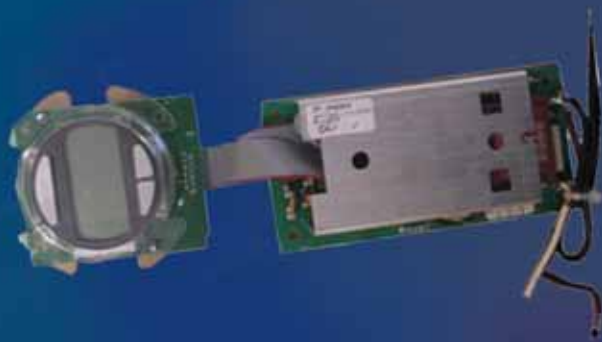


I- Renewables Energies



J- Others

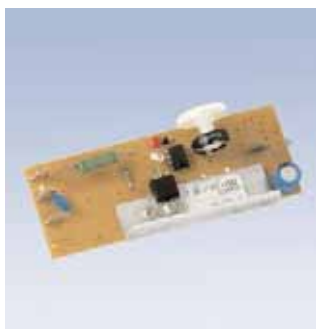




INTEGRATED THERMOSTATS

002

A



Class I Thermostat

Electronic thermostat with proportional regulation to be integrated in electrical heater, protected by earth.

Basic or 2 orders pilot wire (Eco / Comfort)

- Low cost
- Sensor class I

For optionnal features, please contact us.

Operating voltage: 230VAC / 50Hz
 Operating temperature: 0°C to 50°C
 Output: 1200 W
 Setting temperature: 5°C to 30°C
 Differencial temperature: 0,3°K



Class II Thermostat

Electronic thermostat with proportional regulation to be integrated in electrical heater. Basic 2, 4 or 6 orders pilot wire (Eco, Comfort, Stop, Antifreeze, -2°, -1°)

- Low cost
- Sensor class II

For optionnal features, please contact us.

Operating voltage: 230VAC / 50Hz
 Operating temperature: 0°C to 50°C
 Output: 2000 W
 Setting temperature: 5°C to 30°C
 Differencial temperature: 0,3°K



LCD Thermostat

Electronic thermostat with proportional regulation to be integrated in electrical heater.

4 Built-in programs and 1 User program

- Sensor class II

For optionnal features, please contact us.

Operating voltage: 230VAC / 50Hz
 Operating temperature: 0°C to 50°C
 Output: 2000 W
 Setting temperature: 5°C to 30°C
 Differencial temperature: 0,3°K



CLOCK 2Z 4 ORDERS

Programmer 2 zones specific to control electrical panels equipped with pilot wire thermostats

Different modes : Eco, Comfort, Stop, Antifreeze

INTEGRATED THERMOSTATS

003

A



THERMOSTAT BASIC FOR TOWEL DRYER (right mounting)

Electronic Thermostat specially designed for Towel dryer equipped with electrical element

- To be mounted on an standard electrical element from 300 to 1500 W.
- With Boost fonction (timer 2 hours)

Operating voltage: 230VAC / 50Hz
 Operating temperature: 0°C to 50°C
 Output: 1500 W
 Setting temperature: 5°C to 30°C
 Differencial temperature: 0,5°K

To be mounted on the left of towel dryer



THERMOSTAT BASIC 6 ORDERS FOR TOWEL DRYER (right mounting)

Electronic Thermostat specially designed for Towel dryer equipped with electrical element

- To be mounted on an standard electrical element from 300 to 1500 W.
- With Boost fonction (timer 2 hours)
- Pilot Wire 6 orders for the French market

Operating voltage: 230VAC / 50Hz
 Operating temperature: 0°C to 50°C
 Output: 1500 W
 Setting temperature: 5°C to 30°C
 Differencial temperature: 0,5°K

To be mounted on the left of towel dryer



THERMOSTAT BASIC 6 ORDERS FOR TOWEL DRYER (left mounting)

Electronic Thermostat specially designed for Towel dryer equipped with electrical element

- To be mounted on an standard electrical element from 300 to 1500 W.
- With Boost fonction (timer 2 hours)
- Pilot Wire 6 orders for the French market

Operating voltage: 230VAC / 50Hz
 Operating temperature: 0°C to 50°C
 Output: 1500 W
 Setting temperature: 5°C to 30°C
 Differencial temperature: 0,5°K

To be mounted on the right of towel dryer



THERMOSTAT BASIC FOR TOWEL DRYER NEW DESIGN

New design
 Available with same functions as above

INFRA RED DEVICES

004

A



IR Chrono Thermostat

Specially designed for towel dryer :

- Digital display indicates room temperature and setting temperature
- Weekly programming by the hour
- Different modes : Comfort, Reduction, Antifreeze, Stop
- 2 built-in programs and 1 user program

Operating voltage: 3 x AA LR6 1.5V
 Operating temperature: 0°C to 50°C
 Setting temperature: 5°C to 30°C
 Protection class: IP 30



IR Basic Thermostat

Specially designed for towel dryer :

- Basic IR thermostat
- Switch ON / OFF

Operating voltage: 2 x 3V (CR2430)
 Operating temperature: 0°C to 50°C
 Setting temperature: 5°C to 30°C
 Protection class: IP 30



IR Receiver for panel heaters

IR Receiver to be integrated in electrical heater.
 To be used with our transmitters Infra Red.

Ideal for towel dryers.

Operating voltage: 230 V
 Operating temperature: 0°C to 50°C
 Setting temperature: 5°C to 30°C
 Contact: Relay 10 A
 Protection class: IP 30



IR Receiver for towel dryer

IR Receiver to be integrated in electrical heater.
 To be used with our transmitters Infra Red.

- Button ON / OFF

Operating voltage: 230VAC / 50Hz
 Operating temperature: 0°C to 50°C
 Output: 1500 W
 Differential temperature: 0,5°C

PROGRAMMABLE THERMOSTAT BY INFRA RED REMOTE CONTROL

005

A



Remote Controller

Is used to make the different programmes then to load them into the specific units below



IR Thermostat 6 orders for towel dryer

Electronic Thermostat specially designed for Towel dryer equipped with electrical element

- To be mounted on an standard electrical element from 300 to 1500 W.
 - With Boost fonction (timer 2 hours)
 - Pilot Wire 6 orders for the French market
- Can be used with our remote controller

Operating voltage: 230VAC / 50Hz
 Operating temperature: 0°C to 50°C
 Output: 1500 W
 Setting temperature: 5°C to 30°C



IR Thermostat 6 orders for electrical heater

Electronic Thermostat specially designed for Towel dryer equipped with electrical element

- To be mounted on an standard electrical element from 300 to 1500 W.
 - With Boost fonction (timer 2 hours)
 - Pilot Wire 6 orders for the French market
- Can be used with our remote controller

Operating voltage: 230VAC / 50Hz
 Operating temperature: 0°C to 50°C
 Output: 1500 W
 Setting temperature: 5°C to 30°C



Electrical heaters

Same functions as above mounted in standard box

RADIO FREQUENCY THERMOSTATS

006

A



RF Analog Thermostat

Radio frequency thermostat to be used with our specific Radio Frequency receiver (below). Specially designed for electrical heater. Personal code on each product. Controls the Radio Frequency Receiver by radio transmission.
- Switch ON / OFF

Operating voltage: 2 x 3V (CR2430)
Operating temperature: 0°C to 50°C
Setting temperature: 5°C to 30°C
Frequency: 433,92 Mhz
Open ground distance: 40 meters
Differential temperature: 0,3°k
Protection class: IP 30



RF Digital Thermostat

Radio frequency digital thermostat to be used with our specific receiver. Specially designed for electrical heater. Digital display indicates all temperatures and different modes. Personal code on each product. Controls the Radio Frequency Receiver by radio transmission.
- Switch ON / OFF.

Operating voltage: 2 x 3V (CR2430)
Operating temperature: 0°C to 50°C
Setting temperature: 5°C to 30°C
Frequency: 433,92 Mhz
Open ground distance: 40 meters
Differential temperature: 0,3°k
Protection class: IP 30



RF Digital Chrono Thermostat

Radio frequency digital chrono thermostat to be used with our specific receiver. Specially designed for electrical heater. 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.

Operating voltage: 3 x AA LR6 1,5V
Operating temperature: 0°C to 50°C
Setting temperature: 5°C to 30°C
Frequency: 433,92 Mhz
Open ground distance: 50 meters
Differential temperature: 0,3°k
Protection class: IP 30



RF 4 Zones programmer

To be used on a complete installation with electrical heaters equipped with our RF Receiver. Can combine programmes on 4 different zones

RADIO FREQUENCY THERMOSTATS



RF Receiver

Radio frequency receiver specially designed to work with our transmitters above.

Push button to select:

- Manual mode
- Automatic mode
- Radio Configuration

More than one receiver can be used with our thermostats above.

Operating voltage: 230 VAC / 50 Hz
or 120 VAC / 60 Hz

Output: Relay 13 A

Frequency: 433,92 Mhz

Connection: Internal screw connector
(2,5 mm²) or direct cable

Protection class: IP 40

007

A



RF Receiver

To be integrated directly on the panel heater

Different Modes :

- Manual
- Automatic
- RF
- Max power 2000W
- Triac output



LCD RF Receiver

Same as above with Temperature and Mode Display



EFH WALL THERMOSTATS

002

B

Mechanical room thermostat



Mechanical room thermostat

- 2 or 3 contacts
- Option: Accelerating resistor

Operating voltage: 230 VAC
 Operating temperature: 0°C to 50°C
 Output: 250VAC / 10(3)A
 Setting temperature: 5°C to 30°C
 Differential at 20°C: 0,6°K
 (with accelerating resistor) 0,4°C
 Protection class: IP 30

Type	P number
Belux TI-PL	P-2683
Belux TI-PLR (accelerating resistor)	P-2772

Minimum order quantity: 336 pieces (112 pieces by carton box)

Duo Temp Wall Thermostat "Low Profile"



Electronic thermostat for Electrical devices.

- With low profile (height 22mm instead of 30mm)
- Without main switch
- Possibility to regulate either the floor or the room temperature, or combined (in that case, the floor sensor is used as temperature limiter)
- Output limited to 10 Amps

Operating voltage: 230 VAC
 Operating temperature: 0°C to 50°C
 Output: 250 VAC / 8 A
 Setting temperature: 5°C to 30°C
 Differential temperature: 0,6°K
 Protection class: IP 30

Type	P number
EFH Duo Tem Wall Thermostat "Low Profile"	P- 2318

Minimum order quantity: 336 pieces (112 pieces by carton box)

Duo Temp Wall Thermostat with Main Switch



Electronic thermostat for Electrical devices.

- Main switch ON / OFF 16 Amps 2 poles
- Possibility to regulate either the floor or the room temperature, or combined (in that case, the floor sensor is used as temperature limiter)

Operating voltage: 230 VAC
 Operating temperature: 0°C to 50°C
 Output: 230 VAC / 13 A
 Setting temperature: 5°C to 30°C
 Differential temperature: 0,6°K
 Protection class: IP 30

Type	P number
EFH Main SwitchThermostat	P- 2317

Minimum order quantity: 336 pieces (112 pieces by carton box)

Digital Thermostat



Electronic LCD thermostat for Electrical devices. All parameters and setting are made through a simple display

- Possibility to regulate either the floor or the room temperature, or combined (in that case, the floor sensor is used as temperature limiter)
- Output limited to 10 Amps

Operating voltage: 230 VAC
 Operating temperature: 0°C to 50°C
 Output: 250 VAC / 8 A
 Setting temperature: 5°C to 30°C
 Differential temperature: 0,6°K
 Protection class: IP 30

Type	P number
EFH Digital thermostat	P-2799

Minimum order quantity: 336 pieces (112 pieces by carton box)

EFH FLUSH THERMOSTATS

Temp 720 Thermostat with floor sensor

Basic Flush Mounting Thermostat specially designed for Electrical Floor Heating.

Including:

- Main Switch 16 Amps
- Clock input for night set back (4°C)
- External NTC Sensor
- Floor sensor 3 meters (10k at 25°C)
- Square and round frame and front to cover all European market

Operating voltage: 230VAC
 Operating temperature: 0°C to 40°C
 Setting temperature: 5°C to 35°C
 Output: 230 VAC / 10A
 (16A with external sensor)
 Differential temperature: 0,5°K
 Protection class: IP 21

Type	P number
Temp 720 Thermostat with floor sensor	P-3830

Minimum order quantity: 288 pieces (72 pieces by carton box)

Duo Temp 730 Thermostat with internal sensor

Basic Flush Mounting Thermostat specially designed for Electrical Floor Heating.

Including:

- Main Switch 16 Amps
- Clock input for night set back (4°C)
- Internal NTC Sensor
- Square and round frame and front to cover all European market

Operating voltage: 230VAC
 Operating temperature: 0°C to 40°C
 Setting temperature: 5°C to 35°C
 Output: 230 VAC / 10A
 (16A with external sensor)
 Regulation temperature : PWM or static differential
 Protection class: IP 21

Type	P number
Duo Temp 730 Thermostat with floor sensor	P-3831

Minimum order quantity: 288 pieces (72 pieces by carton box)

Duo Temp 710 Thermostat with limitation sensor

Basic Flush Mounting Thermostat specially designed for Electrical Floor Heating.

Possibility to regulate either the floor or room temperature, or combined (in the case, the floor sensor is used as temperature limiter)

Including:

- Main Switch 16 Amps
- Clock input for night set back (5°C)
- Room Sensor : NTC 10k at 25°C
- Limitation sensor : NTC 10k 3 meters Class II
- Square and round frame and front to cover all European market

Operating voltage: 230VAC
 Operating temperature: 0°C to 40°C
 Room Setting temperat: 5°C to 35°C
 Floor Setting temperat: 10°C to 40°C
 Output: 230 VAC / 10A
 (16A with external sensor)
 Regulation temperature : PWM or static differential
 Protection class: IP 21

Type	P number
Duo Temp 710 Thermostat with limitation sensor	P-xxxx

Minimum order quantity: 288 pieces (72 pieces by carton box)

Duo Temp 740 Power Regulator

Power Regulator specially designed for Electrical Floor Heating.

Only power control to avoid temperature problem

Including:

- Main Switch 16 Amps
- Square and round frame and front to cover all European market

Operating voltage: 230VAC
 Operating temperature: 0°C to 40°C
 Setting : 0% to 100%
 Output: 250 VAC / 16A
 Regulation temperature : PWM or static differential
 Protection class II: IP 21

Type	P number
Duo Temp 740 Power Regulator	P-3833

Minimum order quantity: 288 pieces (72 pieces by carton box)

EFH FLUSH THERMOSTATS

LCD Non programmable Flush Mounting Thermostat



LCD non programmable Flush Mounting Thermostat specially designed for Electrical Floor Heating.

Including:

- Display and Amber backlight
- Main Switch 16 Amps
- Clock input for night set back (5°C)
- NTC Sensor
- Square and round frame and front to cover all European market
- Class 2 sensor 3 meters

Operating voltage: 230VAC
 Operating temperature: 0°C to 40°C
 Room Setting temperat: 5°C to 37°C
 Floor Setting temperat: 5°C to 37°C
 Output: 230 VAC / 10A
 (16A with external sensor)
 Regulation temperature : PWM or static differential
 Protection class: IP 31

Type	P number
EFH LCD Non programmable Thermostat	P-3834

Minimum order quantity: 288 pieces (72 pieces by carton box)

LCD Programmable Flush Mounting Thermostat



LCD programmable Flush Mounting Thermostat specially designed for Electrical Floor Heating.

Including:

- Display and Amber backlight
- Weekly program minutes by minutes
- Main Switch 16 Amps
- NTC Sensor
- Square and round frame and front to cover all European market
- Class 2 sensor 3 meters

Operating voltage: 230VAC
 Operating temperature: 0°C to 40°C
 Room Setting temperat: 5°C to 37°C
 Floor Setting temperat: 5°C to 37°C
 Output: 230 VAC / 10A
 (16A with external sensor)
 Regulation temperature : PWM or static differential
 Protection class: IP 31

Type	P number
EFH LCD Programmable Flush Mounting Thermostat	P-3835

Minimum order quantity: 288 pieces (72 pieces by carton box)

Duo Temp Din Rail Mounting Thermostat



Din Rail Thermostat specially designed for electrical floor heating.

- Possibility to set upper limitation temperature on floor.
- Supplied with 3 meters class 2 sensor and room setting adjuster.

Operating voltage: 230VAC
 Operating temperature: 0°C to 50°C
 Output: 250 VAC / 20A
 Room Setting temperat: 5°C to 30°C
 Floor Setting temperat: 10°C to 30°C
 Adjuster : +/-2°C
 Regulation temperature : PWM or static differential
 Protection class: IP 31

Type.	P number
EFH Duo Temp Din Rail Mounting Thermostat	P-3284

EFH FLUSH NORTH AMERICA THERMOSTATS



GFCI Duo Temp Basic Thermostat single channel

Duo Temp Basic Thermostat including GFCI function specially designed for North America Electrical Floor Heating.

Including:

- Switch ON/OFF
- Clock input for night set back (5°C)
- NTC Sensor
- Class II sensor 4,5 meters

Operating voltage: 120VAC 60Hz
 Operating temperature: 0°C to 50°C
 Setting temperature: 5°C to 30°C
 Output: 250 VAC / 13A
 Differential temperature: 0,6°K
 Protection class: IP30

Type.	P number
GFCI Duo Temp Basic Thermostat	P-xxxx



GFCI Duo Temp Basic Thermostat

Duo Temp Basic Thermostat including GFCI function specially designed for North America Electrical Floor Heating.

Including:

- Switch ON/OFF
- Clock input for night set back (5°C)
- NTC Sensor (10K at 25°C)
- Class II sensor 4,5 meters

Operating voltage: 90 to 265 VAC
 50/60Hz
 Operating temperature: 0°C to 50°C
 Setting temperature: 5°C to 30°C
 Output: 250 VAC / 15A
 Regulation temperature : PWM or static differential
 Protection class: IP30

Type.	P number
GFCI Duo Temp Basic Thermostat	P-3280



GFCI Non Programmable Duo Temp LCD Thermostat

Non Programmable Duo Temp LCD Thermostat including GFCI function specially designed for North America Electrical Floor Heating.

Including:

- Large Display and Amber backlight
- Switch ON/OFF
- Clock input for night set back (5°C)
- NTC Sensor (10K at 25°C)
- Class II sensor 4,5 meters

Operating voltage: 90 to 265 VAC
 50/60Hz
 Operating temperature: 0°C to 50°C
 Setting temperature: 5°C to 30°C
 Output: 250 VAC / 15A
 Regulation temperature : PWM or static differential
 Protection class: IP30

Type.	P number
GFCI Non Programmable Duo Temp LCD Thermostat	P-3281



GFCI Programmable Duo Temp LCD Thermostat

Programmable Duo Temp LCD Thermostat including GFCI function specially designed for North America Electrical Floor Heating.

Including:

- Display and Amber backlight
- Weekly Program minutes by minutes
- Switch ON/OFF
- Clock input for night set back (5°C)
- NTC Sensor (10K at 25°C)
- Class II sensor 4,5 meters

Operating voltage: 90 to 265 VAC
 50/60Hz
 Operating temperature: 0°C to 50°C
 Setting temperature: 5°C to 30°C
 Output: 250 VAC / 15A
 Regulation temperature : PWM or static differential
 Protection class: IP30

Type.	P number
GFCI Programmable Duo Temp LCD Thermostat	P-3282



GFCI Slave Unit

GFCI Slave Unit including GFCI function specially designed for North America Electrical Floor Heating and to be connected with Master Thermostat (Basic, LCD non programmable, LCD programmable)

Operating voltage: 120VAC 60Hz
 Operating temperature: 0°C to 50°C
 Output: 250 VAC / 13A
 Protection class: IP30

Type.	P number
GFCI Slave Unit	P-3283



Floor Sensor

Sensor class II to be used with all our thermostats for floor regulation or floor limitation.

To be installed in the floor

For different lengths, please contact us.

R25: 10K
Protection class: Class II
Length: 3 meters

Type.	P number
WFH Floor Sensor 10 Class II 3 meters	P-0625

Minimum order quantity: 120 pieces (40 pieces by carton box)



External Sensor

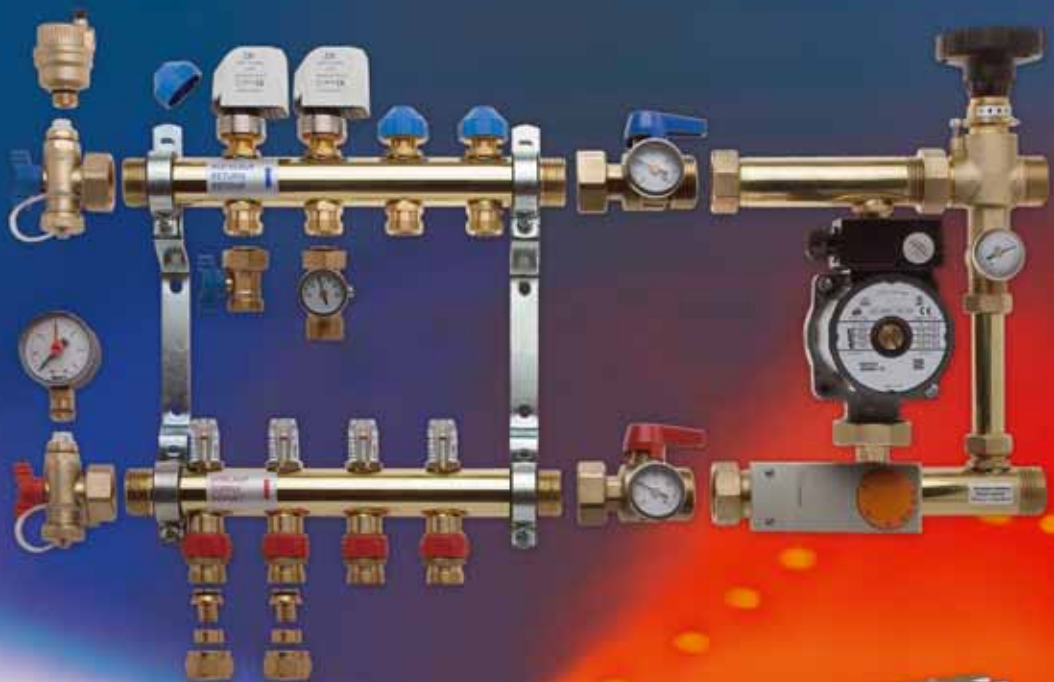
Sensor class II to be used with our thermostat for room regulation or limitation.

R25: 10K
Protection class: Class II

Type.	P number
WFH External Sensor 10 Class II 3 meters	P-2266

Minimum order quantity: 120 pieces (40 pieces by carton box)

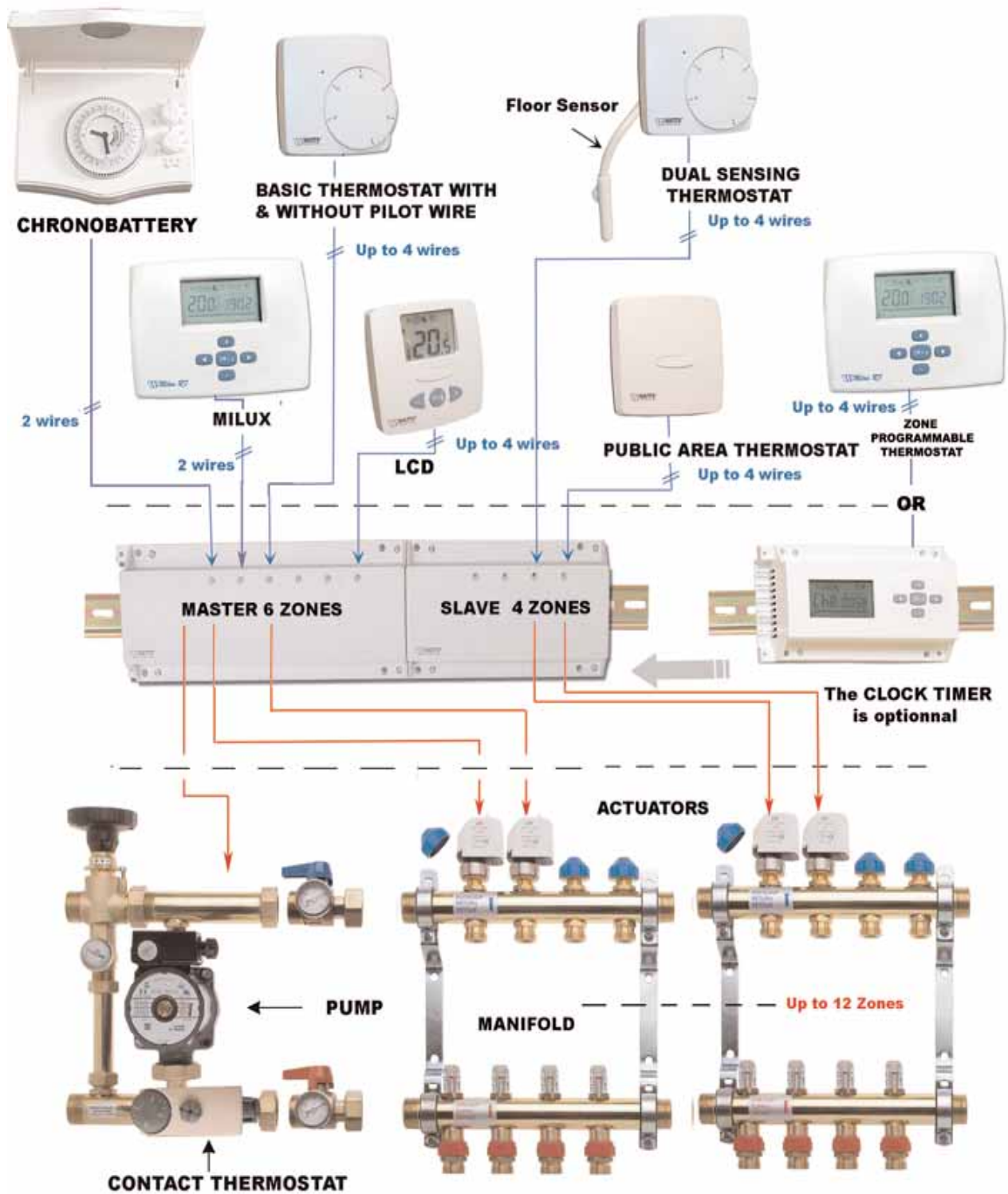
WATER FLOOR HEATING



WATER FLOOR HEATING THERMOSTATS

002

C



WATER FLOOR HEATING THERMOSTATS

003

Basic thermostat



Basic electronic thermostat to be used on water floor heating systems controlling actuators.

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

Operating voltage: 24 VAC or 230 VAC
 Operating temperature: 0°C to 50° C
 Setting temperature: 5°C to 30° C
 Output: Max. 15 W
 Differential temperature: 0,5°K
 Protection class: IP30

Type	P number
WFHT Basic Thermostat 24 VAC NO	P-2060
WFHT Basic Thermostat 24 VAC NC	P-2061
WFHT Basic Thermostat 230 VAC NO	P-2062
WFHT Basic Thermostat 230 VAC NC	P-2063

Minimum order quantity: 336 pieces (112 pieces by carton box)

Basic + thermostat



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

- External pilot wire for night set back temperature, 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

Operating voltage: 24 VAC or 230 VAC
 Operating temperature: 0°C to 50° C
 Setting temperature: 5°C to 30° C
 Output: Max. 15 W
 Differential temperature: 0,5°K
 Protection class: IP30

Type	P number
WFHT Basic Pilot wire Ther 24 V NO	P-3256
WFHT Basic Pilot wire Ther 24 V NC	P-3257
WFHT Basic Pilot wire Ther 230 V NO	P-3258
WFHT Basic Pilot wire Ther 230 V NC	P-3259

Minimum order quantity: 336 pieces (112 pieces by carton box)

WATER FLOOR HEATING THERMOSTATS

Dual Sensing thermostat



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
- Packed with external sensor

Operating voltage: 24 VAC or 230 VAC
 Operating temperature: 0°C to 50° C
 Setting temperature: 5°C to 30° C
 Output: Max. 15 W
 Differential temperature: 0,5°K
 Protection class: IP30

Type	P number
WFHT DS Ther 24 VAC NO + sensor	P-2068
WFHT DS Ther 24 VAC NC + sensor	P-2069
WFHT DS Ther 230 VAC NO + sensor	P-2070
WFHT DS Ther 230 VAC NC + sensor	P-2071

Minimum order quantity: 162 pieces (81 pieces by carton box)

Dual Sensing Thermostat for Public Area



Electronic thermostat with internal setting. Specially made for public area (school, offices...)

- with night reduction mode to be used on water floor heating systems controlling actuators.
- External pilot wire for night set back temperature, 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
- Packed with external sensor

Operating voltage: 24 VAC or 230 VAC
 Operating temperature: 0°C to 50° C
 Output: Max. 15 W
 Setting temperature: 5°C to 30° C
 Differential temperature: 0,5°K
 Protection class: IP30

Type	P number
WFHT Basic SB 24 VAC NO + sensor	P-2072
WFHT Basic SB 24 VAC NC + sensor	P-2073
WFHT Basic SB 230 VAC NO + sensor	P-2074
WFHT Basic SB 230 VAC NC +sensor	P-2075

Minimum order quantity: 162 pieces (81 pieces by carton box)

WATER FLOOR HEATING THERMOSTATS

Dual Sensing LCD Thermostat

Electronic thermostat with a display indicating the setted temperature and the different modes via specific logos.

- External pilot wire for night set back temperature, special menu 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)
- Installer menu to select all parameters (°C/°F, 12H/24H, calibration, high and low limite, room or floor or both,...)
- Silent (triac output), to be connected directly to actuators or to our Modular connecting system
- Possibility to be packed with external sensor

Operating voltage: 24 VAC or 230 VAC
 Operating temperature: 0°C to 50° C
 Output: Max. 15 W
 Setting temperature: 5°C to 30° C
 Differential temperature: 0,5°K
 Protection class: IP30



Type	P number	P number
WFHT DS LCD Thermostat 24 VAC		P-2076
WFHT DS LCD Thermostat 230 VAC		P-2077
WFHT DS LCD Thermostat 24 VAC+sensor		P-2626
WFHT DS LCD Thermostat 230 VAC+sensor		P-2627

Minimum order quantity: 336 pieces (112 pieces by carton box without sensor and 40 pieces by carton box with sensor)

Programmable LCD Thermostat "Milux"

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

- High accuracy
- Easy to install (2 wires)
- Easy to program

Operating voltage: 3 x AA LR6 1,5 V
 Battery life time: 2 years
 Operating temperature: 0°C to 50°C
 Output: Relay 5A
 Setting temperature: 5°C to 35°C
 Differential temperature: 0,4 °K
 Protection class: IP 30



Type	P number
WFHT Programmable LCD Ther Weekly	P-1859
WFHT Programmable LCD Ther Daily	P-1858

Minimum order quantity: 96 pieces (48 pieces by carton box)

Programmable Dual Sensing LCD Ther "Milux Star"

- 7 days Minute program with different temperature on each step
- 5 Built-in programs and 2 User programs
- Comfort/Reduced/Anti-freeze temperatures/Holiday
- Temporary temperature override
- Automatic or Manual operation
- Holiday function with setting temperature
- Possibility to connect an external sensor for Dual sensing function
- Reset function and parameters menu for user and installer

Operating voltage: 3 x AA LR6 1,5 V
 Battery life time: 3 years
 Operating temperature: 0°C to 50°C
 Output: Relay 5A
 Setting temperature: 5°C to 35°C
 Differential temperature: 0,4 °K
 Protection class: IP 30



Type	P number
WFHT Milux star Weekly	P-2680
WFHT Milux star Daily	P-3227
WFHT Milux star Weekly+sensor	P-3228
WFHT Milux star Daily+sensor	P-3229

Minimum order quantity: 96 pieces (48 pieces by carton box without sensor and 40 pieces by carton box with sensor)

WATER FLOOR HEATING THERMOSTATS

Mechanical Chrono Battery Thermostat



- Electronic thermostat with mechanical weekly or daily programming clock
- ☀ Day temperature setting: + 5°C to +35°C
- 🌙 Night temperature setting: 5°C to 35°C
- Temperature differential: 0.5°C
- Clock programming :
 - Weekly : 7 days interval 15 mn
 - Daily : 24 hours interval 1h
- Slide switch to select reduction ☀ comfort 🌙 or automatic mode

Operating voltage: 2x AA LR6 1,5 V
 Battery life time: 2 years
 Operating temperature: 0°C to 50° C
 Output: Relay 8A
 Setting temperature: 5°C to 35° C
 Differential temperature: 0,5°K
 Protection class: IP30

Type	P number
WFHT Chronobattery Weekly	P-3869
WFHT Chronobattery Daily	P-3865

Minimum order quantity: 114 pieces (38 pieces by carton box)

Floor Sensor



Sensor class II to be used with all our thermostats for floor regulation or floor limitation.

For different lengths, please contact us.

R25: 10K
 Protection class: Class II
 Length: 3 meters

Type	P number
WFH Floor Sensor 10 Class II 3 meters	P-0625

Minimum order quantity: 120 pieces (40 pieces by carton box)

WATER FLOOR HEATING CONNECTING BOXES

Modular 4 zones Control

Connecting boxes 4 zones.

Possibility to connect 4 thermostats and 2 actuators outputs equipped with a screw connectors for several actuators.

The master is equipped with pump relay.

The slave is equipped with Plug-in connector to be added on a master connecting box.

Operating voltage: 24V or 230 VAC

Operating temperature: 0°C to 50°C

Protection class: IP 30



Type	P number
WFHC Modular Master NO 4 Z 230 VAC	P-2093
WFHC Modular Master NC 4 Z 230 VAC	P-2094
WFHC Modular Master NO 4 Z 24 VAC	P-2085
WFHC Modular Master NC 4 Z 24 VAC	P-2086
WFHC Modular Slave NO 4 Z 230 VAC	P-2095
WFHC Modular Slave NC 4 Z 230 VAC	P-2096
WFHC Modular Slave NO 4 Z 24 VAC	P-2087
WFHC Modular Slave NC 4 Z 24 VAC	P-2088

Minimum order quantity: 48 pieces (24 pieces by carton box)

Modular 6 zones Control

Connecting boxes 6 zones.

Possibility to connect 6 thermostats and 2 actuators outputs equipped with a screw connectors for several actuators.

The master is equipped with pump relay.

The slave is equipped with Plug-in connector to be added on a master connecting box.

Operating voltage: 24V or 230 VAC

Operating temperature: 0°C to 50°C

Protection class: IP 30



Type	P number
WFHC Modular Master NO 6 Z 230 VAC	P-2089
WFHC Modular Master NC 6 Z 230 VAC	P-2090
WFHC Modular Master NO 6 Z 24 VAC	P-2081
WFHC Modular Master NC 6 Z 24 VAC	P-2082
WFHC Modular Slave NO 6 Z 230 VAC	P-2091
WFHC Modular Slave NC 6 Z 230 VAC	P-2092
WFHC Modular Slave NO 6 Z 24 VAC	P-2083
WFHC Modular Slave NC 6 Z 24 VAC	P-2084

Minimum order quantity: 72 pieces (36 pieces by carton box)

WATER FLOOR HEATING CONNECTING BOXES

Timer 24 VAC / 230 VAC



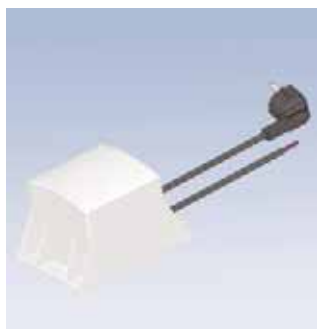
2 zone programmers with the possibility to programme over a week.
 2 different zones in the house.
 4 user programmes and 9 fixed programmes.
 The standard timer is directly plugged in our Modular Connecting Box.
 * Can be replaced by 2 zone programmable thermostat mounted in each zone

Operating voltage: 230 VAC
 Operating temperature: 0°C to 50°C
 Protection class: IP 30

Type	P number
WFHC Timer 24 VAC / 230 VAC	P-2101/ P-2999

Minimum order quantity: 48 pieces (24 pieces by carton box)

Transformer 60 VA / 24 VAC



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

Operating voltage: 230VAC or 110VAC
 Operating temperature: 0°C to 50°C
 Output: 24 VAC
 Output Power: 60 VA (18 actuators)
 Protection class: IP 30

Type	P number
WFHC Transfo 230 VAC/ 24 VAC 60 VA	P-2080
WFHC Transfo 110 VAC/ 24 VAC 60 VA	P-3232

Minimum order quantity: 52 pieces (13 pieces by carton box)

WATER FLOOR RADIO FREQUENCY THERMOSTATS

1 Zone System

RF BELUX



RF BELUX DIGITAL



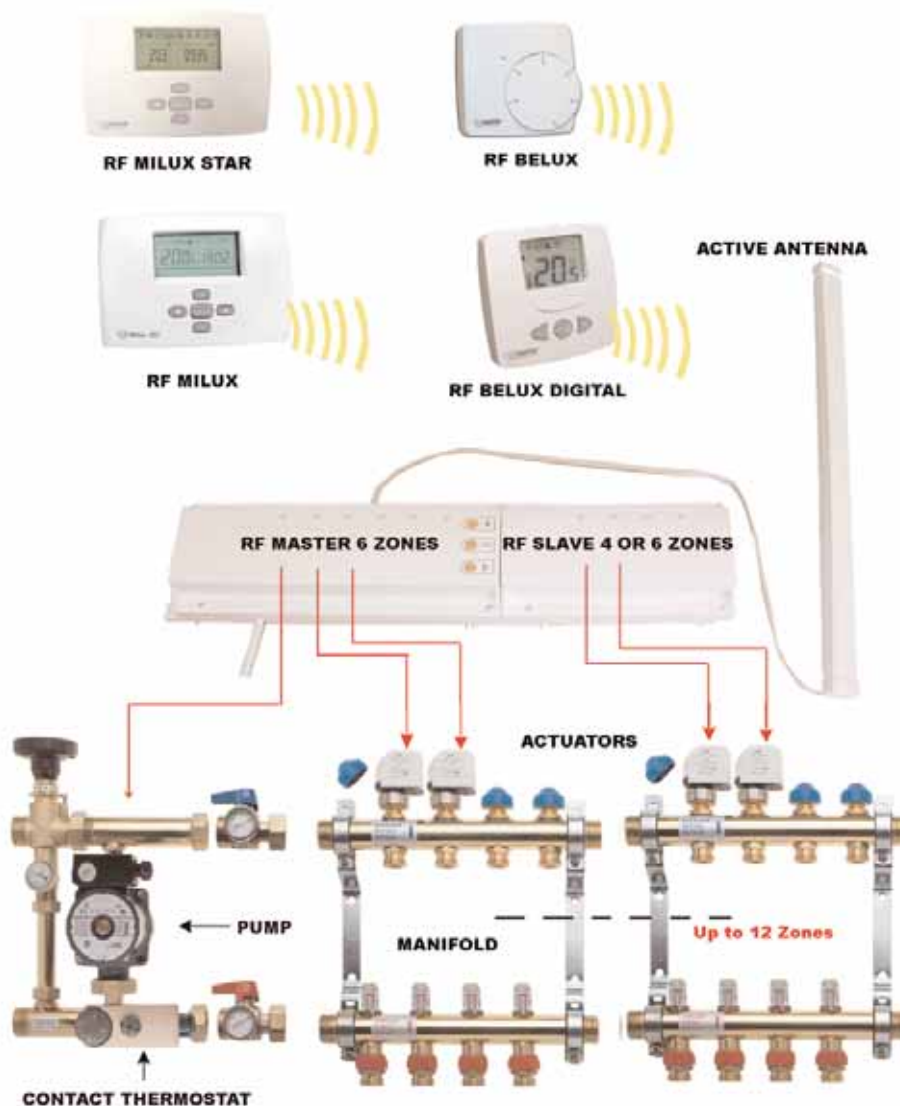
RF MILUX



RF MILUX STAR

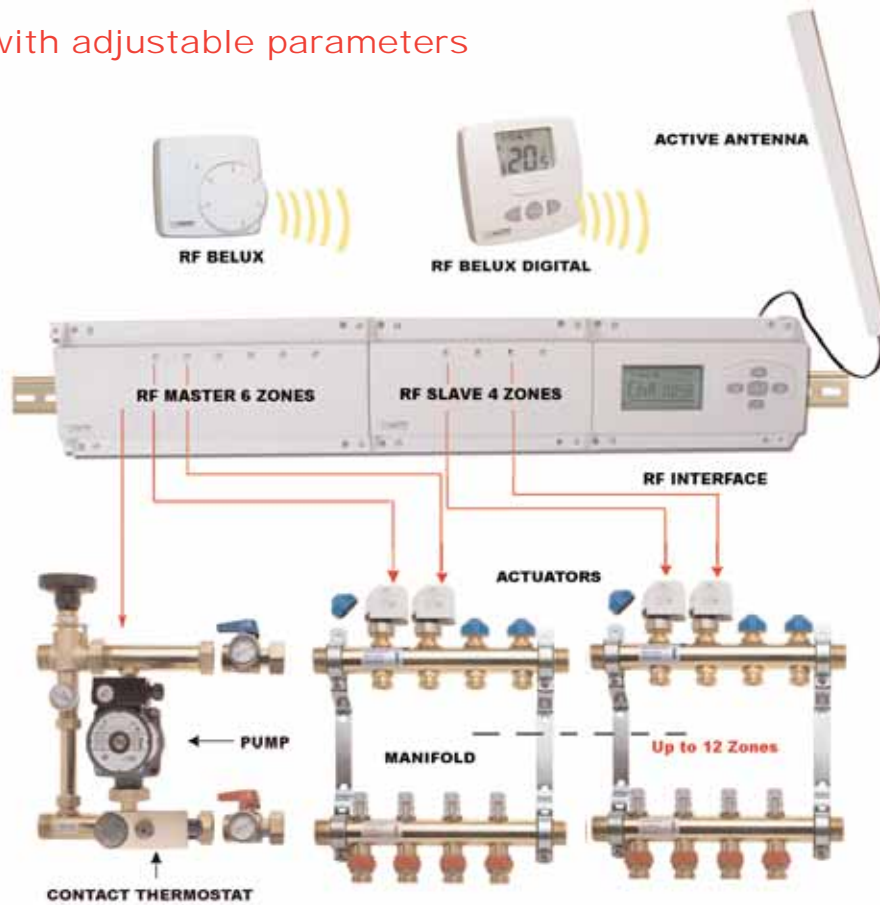


Multizones



WATER FLOOR RADIO FREQUENCY THERMOSTATS

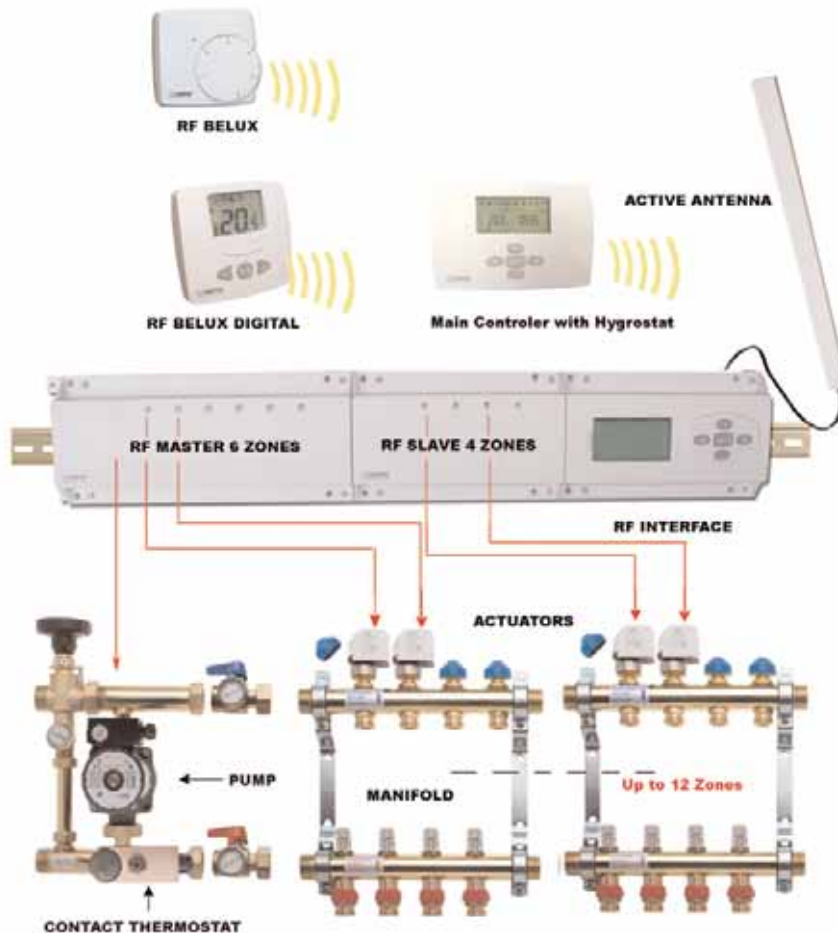
Multizones with adjustable parameters



010

C

Heat & Cool Multizones



WATER FLOOR HEATING RADIO FREQUENCY THERMOSTATS

011

WFH Basic RF



Radio frequency thermostat to be used with our specific WFH Radio Frequency receiver. Specially designed for water floor heating. Personal code on each product. Controls the Radio Frequency Receiver by radio transmission.
 - High accuracy 0,3°k, Switch ON / OFF ,
 Powered by 2 lithium batteries

Operating voltage: 2 x 3V (CR2430)
 Battery life time: 2 years
 Operating temperature: 0°C to 50°C
 Setting temperature: 5°C to 30°C
 Frequency: 433,92 Mhz
 Open Ground Distance: 40 meters
 Protection class: IP 30

Type	P number
WFHT Basic RF 433 MHZ	P-1857

Minimum order quantity: 112 pieces (112 pieces by carton box)

WFH LCD RF



Radio frequency digital thermostat to be used with our specific receiver. Specially designed for water floor heating. 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°k, Switch ON / OFF,
 Powered by 2 lithium batteries

Operating voltage: 2 x 3V (CR2430)
 Battery life time: 2 years
 Operating temperature: 0°C to 50°C
 Setting temperature: 5°C to 30°C
 Frequency: 433,92 Mhz
 Open Ground Distance: 40 meters
 Protection class: IP 30

Type	P number
WFHT LCD RF 433 MHZ	P-2079

Minimum order quantity: 112 pieces (112 pieces by carton box)

C

WATER FLOOR HEATING RADIO FREQUENCY THERMOSTATS

WFH Milux RF



Radio frequency digital thermostat to be used with our specific receiver. Specially designed for electrical heater.

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°k, Manual or automatic, Powered by 3 batteries

Operating voltage: 3 x AA LR6 1,5V
 Battery life time: 2 years
 Operating temperature: 0°C to 50°C
 Setting temperature: 5°C to 30°C
 Frequency: 433,92 Mhz
 Open Ground Distance: 50 meters
 Protection class: IP 30

Type	P number
WFHT Milux RF Weekly 433 MHZ	P-2231
WFHT Milux RF Daily 433 MHZ	P-1860

Minimum order quantity: 96 pieces (24 pieces by carton box)

WFH "Milux Star RF"



Digital display indicates room temperature, time display and different modes (Comfort, Reduced, Antifreeze, Holiday)

Controls the Radio Frequency Receiver by radio transmission.

- 7 days minute program with different temperature on each step
- 5 built-in programs and 2 user programs
- Temporary temperature override
- Operating and manual operation
- Holiday function with setting temperature
- Powered by 3 batteries

Operating voltage: 3 x AA LR6 1,5V
 Battery life time: 2 years
 Operating temperature: 0°C to 50°C
 Setting temperature: 5°C to 30°C
 Frequency: 433,92 Mhz
 Open Ground Distance: 30 meters
 Protection class: IP 30

Type	P number
WFHT Milux RF star Weekly 433 MHZ	P-3233

Minimum order quantity: 96 pieces (24 pieces by carton box)

WATER FLOOR HEATING RADIO FREQUENCY PACK

PACK RF Basic Thermostat



WFH Basic RF Thermostat with one channel receiver.

This receiver includes:

- 2 leds indicator (heating, configuration /reception)
- Switch for manual and automatic mode.

Possibility to pack with actuator 22C 230 Vac Normally Closed 2,5

Emitter:

Operating voltage: 2 x 3V(CR2430)
 Battery life time: 2 years
 Operating temperature: 0°C to 50°C
 Setting temperature: 5°C to 30°C
 Frequency: 433,92 Mhz
 Open Ground Distance: 40 meters
 Protection Class: IP 30

Receiver:

Operating voltage: 230VAC/12A
 (Other voltage 24VAC, 120VAC... available on request)
 Protection class: IP 44

Type	P number
Pack RF Belux & RF Receiver	P-2078
Pack RF Belux & RF Receiver & Actuator	P-2695

Minimum order quantity: 52 pieces (13 pieces by carton box)

PACK RF LCD Thermostat



WFH LCD RF Thermostat with one channel receiver.

This receiver includes:

- 2 leds indicator (heating, configuration /reception)
- Switch for manual and automatic mode.

Possibility to pack with actuator 22C 230 Vac Normally Closed 2,5

Emitter:

Operating voltage: 2 x 3 V(CR2430)
 Battery life time: 2 years
 Operating temperature: 0°C to 50°C
 Setting temperature: 5°C to 30°C
 Frequency: 433,92 Mhz
 Open Ground Distance: 40 meters
 Protection Class: IP 30

Receiver:

Operating voltage: 230VAC/12A
 (Other voltage 24VAC, 120VAC... available on request)
 Protection class: IP 44

Type	P number
Pack RF LCD & RF Receiver	P-2703
Pack BT RF LCD & RF Receiver & Actuator	P-2696

Minimum order quantity: 52 pieces (13 pieces by carton box)

WATER FLOOR HEATING RADIO FREQUENCY PACK

014

PACK RF Chrono Thermostat Milux



WFH Milux RF Thermostat with one channel receiver.

This receiver includes:

- 2 leds indicator (heating, configuration /reception).
- Switch for manual and automatic mode.

Possibility to pack with actuator 22C 230 Vac Normally Closed 2,5

Emitter:

Operating voltage: 3 x AA LR6 1,5V
 Battery life time: 3 years
 Operating temperature: 0°C to 50°C
 Setting temperature: 5°C to 30°C
 Frequency: 433,92 Mhz
 Open Ground Distance: 50 meters
 Protection Class: IP 30

Receiver:

Operating voltage: 230VAC/12A
 (Other voltage 24VAC, 120VAC... available on request)
 Protection class: IP 44

Type	P number
Pack RF Milux Weekly & RF Receiver	P-2054
Pack RF Milux Weekly & RF Receiver & Actuator	P-2697

Minimum order quantity: 52pieces (13 pieces by carton box)

PACK RF Chrono Thermostat Milux Star



WFH Milux star RF Thermostat with one channel receiver.

This receiver includes:

- 2 leds indicator (heating, configuration /reception).
- Switch for manual and automatic mode.

Possibility to pack with actuator 22C 230 Vac Normally Closed 2,5

Emitter:

Operating voltage: 3 x AA LR6 1,5V
 Battery life time: 3 years
 Operating temperature: 0°C to 50°C
 Setting temperature: 5°C to 30°C
 Frequency: 433,92 Mhz
 Open Ground Distance: 50 meters
 Protection Class: IP 30

Receiver:

Operating voltage: 230VAC/12A
 (Other voltage 24VAC, 120VAC... available on request)
 Protection class: IP 44

Type	P number
Pack RF Milux Star Weekly & RF Receiver	P-2687
Pack RF Milux Star Weekly & RF Receiver & Actuator	P-3234

Minimum order quantity: 52 pieces (13 pieces by carton box)

WATER FLOOR HEATING RADIO FREQUENCY THERMOSTATS & CONNECTING BOXES

RF 6 Zones Non programmable



- Simple RF Receiver 6 zones with pump relay.
- Can be connected with slave 4 or 6 zones
 - Easy to configure with 3 push buttons
 - 4 actuators per zone
- Operating voltage: 24VAC or 230VAC
 Operating temperature: 0°C to 50°C
 Frequency: 433,92 Mhz
 Protection class: IP 30

Type	P number
RF 6 Zones No programmable 230 Vac + ANTENNA	P-2690
RF 6 Zones No programmable 24 Vac + ANTENNA	P-3238

Minimum order quantity: 50 pieces (10 pieces by carton box)

RF CB 4 Zones Master



- Connecting boxes 4 zones (4 outputs).
 Possibility to configure 4 different thermostats.
 Equipped with pump relay.
 Display module to make all configuration and weekly program zone per zone
- Operating voltage: 24VAC or 230VAC
 Operating temperature: 0°C to 50°C
 Frequency: 433,92 Mhz
 Protection class: IP 30

- 4 actuators per zone

Type	P number
PACK RF + CB RF Master 4Z 230Vac + ANTENNA	P-2443
PACK RF + CB RF Master 4Z 24Vac + ANTENNA	P-2098

Minimum order quantity: 50 pieces (10 pieces by carton box)

RF CB 6 Zones Master



- Connecting boxes 6 zones (6 outputs).
 Possibility to configure 6 different thermostats.
 Equipped with pump relay.
 Display module to make all configuration and weekly program zone per zone
- Operating voltage: 24VAC or 230VAC
 Operating temperature: 0°C to 50°C
 Frequency: 433,92 Mhz
 Protection class: IP 30

- 4 actuators per zone

Type	P number
PACK RF + CB RF Master 6Z 230Vac + ANTENNA	P-2442
PACK RF + CB RF Master 6Z 24Vac + ANTENNA	P-2347

Minimum order quantity: 50 pieces (10 pieces by carton box)

Kit RF Main Controler with Hygrostat for heating & Cooling



- Complete 6 zones system for heating and cooling application including:
- Receiver Antenna
 - Display module for installer configuration
 - Connecting box with 6 zones and different outputs for heating, cooling, pump and deshumidificater
 - Display Thermostat to control temperature and huldity in one zone. Can be use as programmer for all zones (up to 12).
- Extra 4 or 6 zones slave unit can be added on
 - 4 actuators per zone
- Operating voltage: 230VAC
 Operating temperature: 0°C to 50°C
 Frequency: 433,92 Mhz
 Protection class: IP 30

Type	P number
RF MC with Hygrostat for Heating & Cooling 230Vac	P-3239

Minimum order quantity: 50 pieces (10 pieces by carton box)

WATER FLOOR HEATING RADIO FREQUENCY CONNECTING BOXES

RF Slave Modular 4 zones



Extended (4 zones) unit for master module

- 4 zones type
- 4 actuators per zone

Operating voltage: 24VAC or 230VAC
Operating temperature: 0°C to 50°C
Protection class: IP 30

Type	P number
WFH RF Modular Slave 4 Zones 24VAC/230 VAC	P-2349

Minimum order quantity: 48 pieces (24 pieces by carton box)

RF Slave Modular 6 zones



Extended (6 zones) unit for master module

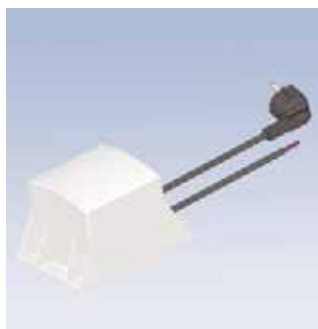
- 6 zones type
- 4 actuators per zone

Operating voltage: 24VAC or 230VAC
Operating temperature: 0°C to 50°C
Output: 40 VA
Protection class: IP 30

Type	P number
WFH RF Modular Slave 6 Zones 24VAC/230 VAC	P-2348

Minimum order quantity: 72 pieces (36 pieces by carton box)

WFH Transformer 60 VA / 24 VAC



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

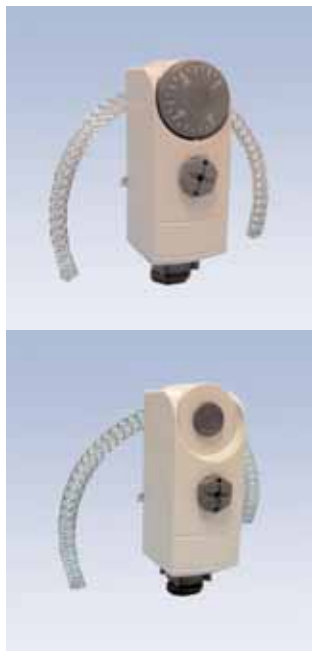
Operating voltage: 230 VAC/110 VAC
Operating temperature: 0°C to 50°C
Output: 24 VAC
Output Power: 60 VA (18 actuators)
Protection class: IP 30

Type	P number
Transformer 230 VAC/ 24 VAC 60 VA	P-2080
Transformer 110 VAC/ 24 VAC 60 VA	P-3232

Minimum order quantity: 52 pieces (13 pieces by carton box)

WATER CONTROL

Contact Thermostat



Contact thermostat with internal or external setting

Bulbe thermostat with SPDT free contact and cable clamp.

Particularly suitable for measuring temperatures on heating systems, domestic cylinders and other uses.

Operating temperature: 0°C to 50°C
 Output: 16(4) A 250V
 16 (1) A 400V
 Setting temperature: 30°C to 90°C
 Differential temperature: 5°K
 Protection class: IP 30

Type	P number
Thermostat Contact with Knob	P-2869
Thermostat Contact without Knob	P-2870

Minimum order quantity: 348 pieces (87 pieces by carton box)

Water Regulator for ON/OFF Actuator



- Water control to regulate water temperature by activating a simple actuator.

This system includes:

- Pump control (Always or depend from room thermostat)

- Water Floor limiter

Possibility to connect external wired room thermostat.

Including 2 water sensor

Emitter:

Operating voltage: 230V 50Hz
 Operating temperature: 0°C to 50°C
 Water Setting temp: 15°C to 40°C
 Water Floor limitation 50/55/60°C
 Pump Relays outputs: 10 Amps
 Protection Class: IP 30

Type	P number
Water Regulator for ON/OFF Actuator + 2 water sensor	P-3253

Minimum order quantity: 72 pieces (36 pieces by carton box)

WATER CONTROL

018

C

Climatic Regulator

Programmable digital climatic regulation system intended to regulate your mixing 3 way valve for floor heating or heaters. The main advantage of this product is that the water temperature in the heating circuit will be adjusted according to the external temperature:

- Weekly programming
- 9 built-in programs and 4 user programs
- Infinite memory
- Regulation depending on external temperature
- Direct water temperature on display
- Water Floor limiter
- Pump exercise
- Dry function

Possibility to connect external wired room thermostat

Emitter:

Operating voltage: 230V 50Hz
 Operating temperature: 0°C to 50°C
 Water Floor limitation: 0°C to 100°C
 Protection Class: IP 30



Type	P number
Climatic Regulator + 1 water sensor + 1 Ext sensor	P-2596

Minimum order quantity: 52 pieces (13 pieces by carton box)

Climatic Regulator RF

Programmable digital climatic regulation system intended to regulate your mixing 3 way valve for floor heating or heaters. The main advantage of this product is that the water temperature in the heating circuit will be adjusted according to the external temperature:

- Weekly programming
- 9 built-in programs and 4 user programs
- Infinite memory
- Regulation depending on external temperature
- Direct water temperature on display
- Water Floor limiter
- Pump exercise
- Dry function

Possibility to connect RF room thermostat through our external antenna

Emitter:

Operating voltage: 230V 50Hz
 Operating temperature: 0°C to 50°C
 Water Floor limitation: 0°C to 100°C
 Protection Class: IP 30



Type	P number
Climatic Reg RF + 1 wat sensor + Ext sensor + Ant.	P-3255

Minimum order quantity: 52 pieces (13 pieces by carton box)



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FAN COIL THERMOSTATS

002

Belux Fan



Speed selector for air conditioning.

- 3 speed control
- Switch ON / OFF

Operating temperature: 0°C to 50°C

Output: 250VAC / 6(2)A

Protection Class : IP 30

Type	P Number
FCT Belux Fan	P-1745

Belux TIC



Mechanical room thermostat with heat and cold switch.

- Light indication
- Option: Accelerating resistor.

Operating temperature: 0°C to 50°C

Operating voltage: 230VAC

Setting temperature: 5°C to 30°C

Differential at 20°C: 0,8°K

(with resistor) 0,6°K

Output : 250VAC / 6(2)A

Protection class: IP 30

Type	P Number
FCT Belux TIC-NL	P-1724
FCT Belux TIC-NLR (Accelerating resistor)	P-1725

Heat and cold Electronic thermostat



Electronic thermostat specially designed for Fan Coil.

- 3 position switch: heat, automatic and cold
- Bicolour Led for heating and cooling indication
- 2 independent triac outputs for the heat and the cold

Other operating voltage available on request.

Operating temperature: 0°C to 50°C

Operating voltage: 24VAC

Setting temperature: 5°C to 30°C

Output: 2 x 24VAC 0,5A

Dead zone: 2K

Protection class: IP 30

Type	P Number
FCT Heat & Cold Electronic Thermostat	P-2316

FAN COIL THERMOSTATS

003



Ecolux Fan Open

Mechanical room thermostat for fan coil.

- 3 speed control switch
- ON/OFF switch
- Heating or cooling connection available
- Separated outputs to control fan or cooling /heating

Operating voltage: 230VAC
Operating temperature: 0°C to 50°C
Setting temperature: 5°C to 35°C
Output: 250VAC / 6(2)A
Differential temperature: 0,8°K
Protection class: IP 30

Type	P Number
FCT Ecolux Fan Open	P-1742



Ecolux Fan Comfort

Mechanical thermostat for fan coil.

- ON/OFF switch
- Selector 3 speed control switch
- Heating or cooling selected by switch
- 2 independent heat & cold outputs

Operating voltage: 230VAC
Operating temperature: 0°C to 50°C
Setting temperature: 5°C to 35°C
Output: 250VAC / 6(2)A
Differential temperature: 0,8°K
Protection class: IP 30

Type	P Number
FCT Ecolux Fan Comfort	P-1737



Ecolux Fan Comfort 2T

Mechanical room thermostat for fan coil.

- ON/OFF switch
- Selector 3 speed control switch
- Heating or cooling selected by switch
- Only one output controlling the valve for heating and cooling.

Operating voltage: 230VAC
Operating temperature: 0°C to 50°C
Setting temperature: 5°C to 35°C
Output: 250VAC / 6(2)A
Differential temperature: 0,8°K
Protection class: IP 30

Type	P Number
FCT Ecolux Fan Comfort 2T	P-1732



Ecolux Elec Fan Comfort 4T

Electronic room thermostat for fan coil 4 T.

- ON / OFF switch
- Selector 3 speed control switch
- 2 outputs controlling automatically 2 separated valves for heating and cooling
- Other operating voltages available on request

Operating voltage: 230VAC
Operating temperature: 0°C to 50°C
Setting temperature: 5°C to 35°C
Output: 250VAC / 6(2)A
Differential temperature: 0,6°K
Dead zone: 1°C to 10°C
Protection class: IP 30

Type	P Number
FCT Ecolux Elec Fan Comfort 4T	P-1738



Interface relay card

Custom design PCboard placed between a thermostat 24 VAC and a central unit. To control directly the 3 speeds of the ventilation.



Interface power card

Same as the Interface relay card (above) but works with a 230 VAC thermostat. It controls directly the ventilator, compressor and defrosting element.



Defrosting electronic card

System placed between the room thermostat and the water chiller, to control:

- defrosting function
- external and internal fan
- dead zone
- compressor etc...



BOILER THERMOSTATS

002



Belux TI / TM

Mechanical room thermostat.
 - 2 or 3 contacts
 - Option: Accelerating resistor

Operating voltage: 230 VAC
 Operating temperature: 0°C to 50°C
 Output: 250VAC / 10(3)A
 Setting temperature: 5°C to 30°C
 Differential at 20°C: 0,6°K
 (with accelerating resistor) 0,4°C
 Protection class: IP 30

Type	P Number
WAT Belux TM-NL (2 contacts)	P-1708
WAT Belux TI-NL (3 contacts)	P-1680
WAT Belux TI-NLR (3 contacts with accelerating resistor)	P-xxxx



Belux TLI

Mechanical room thermostat.
 - Led for heating
 - 3 contacts
 - Option: Accelerating resistor

Operating voltage: 230 VAC
 Operating temperature: 0°C to 50°C
 Output: 250VAC / 10(3)A
 Setting temperature: 5°C to 30°C
 Differential at 20°C: 0,6°K
 (with accelerating resistor) 0,4°C
 Protection class: IP 30

Type	P Number
WAT Belux TLI-NL	P-1716
WAT Belux TLI-NLR (accelerating resistor)	P-1717



Belux TOF

Mechanical room thermostat
 with ON / OFF switch.
 - Led for heating
 - 3 contacts
 - Option: Accelerating resistor

Operating voltage: 230 VAC
 Operating temperature: 0°C to 50°C
 Output: 250VAC / 10(3)A
 Setting temperature: 5°C to 30°C
 Differential at 20°C: 0,6°K
 (with accelerating resistor) 0,4°C
 Protection class: IP 30

Type	P Number
WAT Belux TOF-NL	P-1679
WAT Belux TOF-NLR (accelerating resistor)	P-1718

E

BOILER THERMOSTATS

003



Digital Thermostat "Belux"

Basic digital room thermostat.

- Heating or cooling mode
- On/Off mode
- Easy installation (2 wires)
- Powered by 2 batteries

Operating voltage: 2 x AAA LR03 1,5V
 Battery life time: 2 years
 Operating temperature: 0°C to 50°C
 Output: 8(3) A / 250 VAC
 Setting temperature: 5°C to 35°C
 Differential temperature: 0,4°K
 Protection class: IP 30

Type	P Number
WAT Digital Thermostat Belux	P-1850



Mechanical Chrono Battery Thermostat

Mechanical Chrono Thermostat with daily or weekly programmes.

- On/Off switch.
- 2 wire connections
- Powered by 1 battery

Operating voltage: 1 x AA LR06 1,5V
 Battery life time: 2 years
 Operating temperature: 0°C to 50°C
 Output: 10(3) A / 250 VAC
 D/N Setting temperature: 5°C to 35°C
 Differential temperature: 0,6°K
 Protection class: IP 30

Type	P Number
WAT Mechanical Chrono Battery Thermostat Daily	P-1772
WAT Mechanical Chrono Battery Thermostat Weekly	P-1771



Chrono Battery Electronic Thermostat (new clock)

- Electronic thermostat with mechanical clock.
- Possibility to set day and night temperature
 - Daily and weekly programmes
 - 3 position switch: Manual/ Clock/ OFF
 - Easy installation (2 wires)

Operating voltage: 2 x AA LR06 1,5 V
 Battery life time: 2 years
 Operating temperature: 0°C to 50°C
 Output: 10(3) A / 250 VAC
 D/N Setting temperature: 5°C to 35°C
 Differential temperature: 0,6°K
 Protection class: IP 30

Type	P Number
WAT Ecolux Chrono Battery Electronic Thermostat Daily	P-1764
WAT Ecolux Chrono Battery Electronic Thermostat Weekly	P-1765



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

Operating voltage: 3 x AA LR6 1,5 V
 Battery life time: 3 years
 Operating temperature: 0°C to 50°C
 Output: Relay 8A
 Setting temperature: 5°C to 35°C
 Differential temperature: 0,4 °K
 Protection class: IP 30

Type	P Number
BT Chrono Thermostat Milux Weekly	P-1859
BT Chrono Thermostat Milux Daily	P-1858

E

BOILER RADIO FREQUENCY THERMOSTATS

004

RF Analog Thermostat



Radio frequency thermostat to be used with our specific receiver.
Equipped with 3 positions switch: Comfort, Night Reduction and OFF mode.
Personal code on each product.

The receiver is equipped with 2 indicators (heating, configuration/reception).
Switch for manual and automatic mode.

Emitter:

Operating voltage: 2 x 3V(CR2430)
Battery life time: 2 years
Operating temperature: 0°C to 50°C
Setting temperature: 5°C to 30°C
Frequency: 433,92 Mhz
Open Ground Distance: 40 meters
Protection Class: IP 30

Receiver:

Operating voltage: 230VAC / 12A
(Other voltage 24VAC, 120VAC... available on request)
Protection class: IP 44

Type	P Number
Pack BT RF Belux & RF Receiver	P-2078
RF Receiver 230 V IP 44	P-xxxx

RF Digital Thermostat



Radio frequency digital thermostat to be used with our specific receiver.
Same functions as the RF Analog Thermostat with LCD display indicating temperature and working modes.

Personal code on each product.

The receiver is equipped with 2 indicators (heating, configuration/reception).
Switch for manual and automatic mode.

Emitter:

Operating voltage: 2 x 3 V(CR2430)
Battery life time: 2 years
Operating temperature: 0°C to 50°C
Setting temperature: 5°C to 30°C
Frequency: 433,92 Mhz
Open Ground Distance: 40 meters
Protection Class: IP 30

Receiver:

Operating voltage: 230VAC / 12A
(Other voltage 24VAC, 120VAC... available on request)
Protection class: IP 44

Type	P Number
Pack BT RF Digital & RF Receiver	P-2703
RF Receiver 230 V IP 44	P-xxxx

RF Digital Chrono Thermostat Milux



Radio frequency digital thermostat to be used with our specific receiver.
Same base functions as the RF digital Thermostat with a weekly programme which enables power savings in harmony with your every day life.
Personal code on each product.

The receiver is equipped with 2 indicators (heating, configuration/reception).
Switch for manual and automatic mode.

Emitter:

Operating voltage: 3 x AA LR6 1,5V
Battery life time: 3 years
Operating temperature: 0°C to 50°C
Setting temperature: 5°C to 30°C
Frequency: 433,92 Mhz
Open Ground Distance: 50 meters
Protection Class: IP 30

Receiver:

Operating voltage: 230VAC / 12A
(Other voltage 24VAC, 120VAC... available on request)
Protection class: IP 44

Type	P Number
Pack BT RF Milux & RF Receiver	P-2054
RF Receiver 230 V IP 44	P-xxxx

SPECIFIC APPLICATIONS

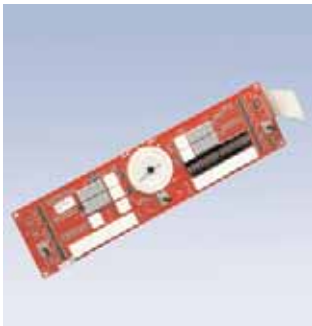
005



Power Card for Electrical Boiler

Interface PCboard for electrical boiler. Controlling the power of the heating element and safety devices.

Product developped upon specifications.



Front Panel for Gas Heater

Complete front panel for gas heater. It is the interface which allows the user to select the different functions of the gas heater.

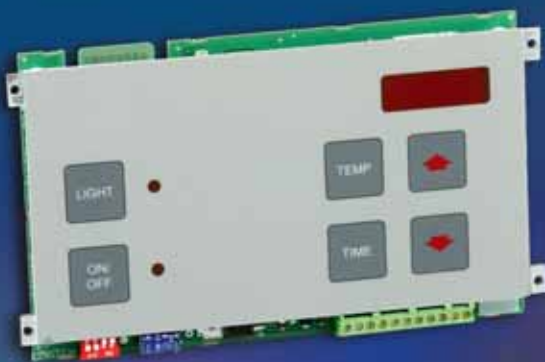
Product developped upon specifications.



Phone Control Unit

The system permits to check all the parameters from the boilers and to change them if necessary just via a SMS.

Product developped upon specifications.







Water Bed Thermostat

This thermostat has been developed to control the temperature in a water bed and to programme the different functions. It can switch off the power line when sleeping in order to avoid the magnetic field.

Unique product designed upon specifications.



Control Board for wine cellar

Control the temperature and humidity of each compartment of the wine cellar and give an alarm signal in case of any problems.

Unique product designed upon specifications.



Speed Control

Speed control with infra red detection. The system is used with universal motor.

Unique product designed upon specifications.



Control Unit for Power Application

Exemple of power board controlling different functions such as speed, heat etc...

Unique product designed upon specifications.



GENERAL APPLICATION THERMOSTATS

Belux TI / TM



- Mechanical room thermostat.
 - 2 or 3 contacts
 - Option: Accelerating resistor

Operating voltage: 230 VAC
 Operating temperature: 0°C to 50°C
 Output: 250VAC / 10(3)A
 Setting temperature: 5°C to 30°C
 Differential at 20°C: 0,6°K
 (with accelerating resistor) 0,4°C
 Protection class: IP 30

Type	P number
Belux TM-NL (2 contacts)	P-1708
Belux TI-NL (3 contacts)	P-1680
Belux TI-NLR (3 contacts with accelerating resistor)	P-1722

Minimum order quantity: 336 pieces (112 pieces by carton box)

Belux TLI



- Mechanical room thermostat.
 - Led for heating
 - 3 contacts
 - Option: Accelerating resistor

Operating voltage: 230 VAC
 Operating temperature: 0°C to 50°C
 Output: 250VAC / 10(3)A
 Setting temperature: 5°C to 30°C
 Differential at 20°C: 0,6°K
 (with accelerating resistor) 0,4°C
 Protection class: IP 30

Type	P number
Belux TLI-NL	P-1716
Belux TLI-NLR (accelerating resistor)	P-1717

Minimum order quantity: 336 pieces (112 pieces by carton box)

Belux TOF



- Mechanical room thermostat
 with ON / OFF switch.
 - Led for heating
 - 3 contacts
 - Option: Accelerating resistor

Operating voltage: 230 VAC
 Operating temperature: 0°C to 50°C
 Output: 250VAC / 10(3)A
 Setting temperature: 5°C to 30°C
 Differential at 20°C: 0,6°K
 (with accelerating resistor) 0,4°C
 Protection class: IP 30

Type	P number
Belux TOF-NL	P-1679
Belux TOF-NLR (accelerating resistor)	P-1718

Minimum order quantity: 336 pieces (112 pieces by carton box)

Mechanical room thermostat



- Mechanical room thermostat
 - 2 or 3 contacts
 - Option: Accelerating resistor

Operating voltage: 230 VAC
 Operating temperature: 0°C to 50°C
 Output: 250VAC / 10(3)A
 Setting temperature: 5°C to 30°C
 Differential at 20°C: 0,6°K
 (with accelerating resistor) 0,4°C
 Protection class: IP 30

Type	P number
Belux TI-PL	P-2683
Belux TI-PLR (accelerating resistor)	P-2772

Minimum order quantity: 336 pieces (112 pieces by carton box)

Room Thermostat TAS



- Waterproof thermostat with external capillary sensor.
 To be used in industrial environment or for outside application.

Operating temperature: 0°C to 50°C
 Setting temperature: 0°C to 40°C
 Differential temperature: 2°C
 Output: 250VAC / 16(3)A
 Protection class: IP 53

Type	P number
Wat Aqualux TAS-N	P-2868

Minimum order quantity: 246 pieces (41 pieces by carton box)

GENERAL APPLICATION THERMOSTATS



Mechanical Chrono Battery Thermostat

- Electronic thermostat with mechanical weekly or daily programming clock
- Day temperature setting: + 5°C to +35°C
- Night temperature setting: 5°C to 35°C
- Temperature differential: 0.5°C
- Clock programming :
 - Weekly : 7 days interval 15 mn
 - Daily : 24 hours interval 1h
- Slide switch to select reduction , comfort or automatic mode

Operating voltage: 2x AA LR6 1,5 V
 Battery life time: 2 years
 Operating temperature: 0°C to 50° C
 Output: Relay 8A
 Setting temperature: 5°C to 35° C
 Differential temperature: 0,5°K
 Protection class: IP30

Type	P number
WFHT Chronobattery Weekly	P-2525
WFHT Chronobattery Daily	P-2526

Minimum order quantity: 114 pieces (38 pieces by carton box)



Digital Thermostat "Belux"

Basic digital room thermostat.

- Heating or cooling mode
- On/Off switch.
- Easy installation (2 wires).
- Powered by 2 batteries

Operating voltage: 2 x AAA LR03 1,5V
 Battery life time: 2 years
 Operating temperature: 0°C to 50°C
 Output: 8(3) A / 250 VAC
 Setting temperature: 5°C to 35°C
 Differential temperature: 0,4°K
 Protection class: IP 30

Type	P number
Digital Thermostat Belux	P-1850

Minimum order quantity: 112 pieces (112 pieces by carton box)



Programmable LCD Thermostat "Milux"

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

- High accuracy
- Easy to install (2 wires)
- Easy to program

Operating voltage: 3 x AA LR6 1,5 V
 Battery life time: 2 years
 Operating temperature: 0°C to 50°C
 Output: Relay 5A
 Setting temperature: 5°C to 35°C
 Differential temperature: 0,4 °K
 Protection class: IP 30

Type	P number
WFHT Programmable LCD Ther Weekly	P-1859
WFHT Programmable LCD Ther Daily	P-1858

Minimum order quantity: 96 pieces (48 pieces by carton box)



Programmable Dual Sensing LCD Ther "Milux Star"

- 7 days Minute program with different temperature on each step
- 5 Built-in programs and 2 User programs
- Comfort/Reduced/Anti-freeze temperatures/Holiday
- Temporary temperature override
- Automatic or Manual operation
- Holiday function with setting temperature
- Possibility to connect an external sensor for Dual sensing function
- Reset function and parameters menu for user and installer

Operating voltage: 3 x AA LR6 1,5 V
 Battery life time: 3 years
 Operating temperature: 0°C to 50°C
 Output: Relay 5A
 Setting temperature: 5°C to 35°C
 Differential temperature: 0,4 °K
 Protection class: IP 30

Type	P number
WFHT Milux star Weekly	P-2680
WFHT Milux star Daily	P-3227
WFHT Milux star Weekly+sensor	P-3228
WFHT Milux star Daily+sensor	P-3229

Minimum order quantity: 96 pieces (48 pieces by carton box without sensor and 10 pieces by carton box with sensor)

RADIO FREQUENCY THERMOSTATS

PACK RF Basic Thermostat

WFH Basic RF Thermostat with one channel receiver.

This receiver includes:

- 2 leds indicator (heating, configuration /reception)
- Switch for manual and automatic mode.

Emitter:

Operating voltage: 2 x 3V(CR2430)
 Battery life time: 2 years
 Operating temperature: 0°C to 50°C
 Setting temperature: 5°C to 30°C
 Frequency: 433,92 Mhz
 Open Ground Distance: 40 meters
 Protection Class: IP 30

Receiver:

Operating voltage: 230VAC / 12A
 Protection class: IP 44

Type	P number
Pack RF Belux & RF Receiver	P-2078

Minimum order quantity: 50 pieces (10 pieces by carton box)

PACK RF LCD Thermostat

WFH LCD RF Thermostat with one channel receiver.

This receiver includes:

- 2 leds indicator (heating, configuration /reception)
- Switch for manual and automatic mode.

Emitter:

Operating voltage: 2 x3 V(CR2430)
 Battery life time: 2 years
 Operating temperature: 0°C to 50°C
 Setting temperature: 5°C to 30°C
 Frequency: 433,92 Mhz
 Open Ground Distance: 40 meters
 Protection Class: IP 30

Receiver:

Operating voltage: 230VAC / 12A
 Protection class: IP 44

Type	P number
Pack RF LCD & RF Receiver	P-2703

Minimum order quantity: 50 pieces (10 pieces by carton box)

PACK RF Chrono Thermostat Milux

WFH Milux RF Thermostat with one channel receiver.

This receiver includes:

- 2 leds indicator (heating, configuration /reception).
- Switch for manual and automatic mode.

Emitter:

Operating voltage: 3 x AA LR6 1,5V
 Battery life time: 3 years
 Operating temperature: 0°C to 50°C
 Setting temperature: 5°C to 30°C
 Frequency: 433,92 Mhz
 Open Ground Distance: 50 meters
 Protection Class: IP 30

Receiver:

Operating voltage: 230VAC / 12A
 Protection class: IP 44

Type	P number
Pack RF Milux Weekly & RF Receiver	P-2054

Minimum order quantity: 50pieces (10 pieces by carton box)

PACK RF Chrono Thermostat Milux Star

WFH Milux star RF Thermostat with one channel receiver.

This receiver includes:

- 2 leds indicator (heating, configuration /reception).
- Switch for manual and automatic mode.

Emitter:

Operating voltage: 3 x AA LR6 1,5V
 Battery life time: 3 years
 Operating temperature: 0°C to 50°C
 Setting temperature: 5°C to 30°C
 Frequency: 433,92 Mhz
 Open Ground Distance: 50 meters
 Protection Class: IP 30

Receiver:

Operating voltage: 230VAC / 12A
 Protection class: IP 44

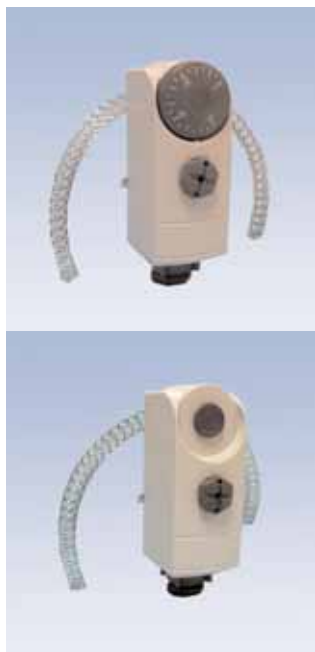
Type	P number
Pack RF Milux Star Weekly & RF Receiver	P-2687

Minimum order quantity: 50 pieces (10 pieces by carton box)

CONTACT & IMMERSION THERMOSTATS

005

New Thermostat Contact



Contact thermostat with internal or external setting

Bulbe thermostat with SPDT free contact and cable clamp.

Particularly suitable for measuring temperatures on heating systems, domestic cylinders and other uses.

Operating temperature: 0°C to 50°C
 Output: 16(4) A 250V
 16 (1) A 400V
 Setting temperature: 30°C to 90°C
 Differential temperature: 5°K
 Protection class: IP 30

Type	P number
Thermostat Contact with Knob	P-2869
Thermostat Contact without Knob	P-2870

Minimum order quantity: 348 pieces (87 pieces by carton box)

Aqualux TRE / TC



Immersion thermostat for water temperature control in tank.

- TRE: copper pocket "vaina"
 - TC: nickel pocket "vaina" (other material like inox available on request).

Operating temperature: 0°C to 50°C
 Output: 250VAC / 16(3)A
 Setting temperature: 30°C to 90°C
 Differential temperature: 6°K
 Protection class: IP53

Type	P number
CIT Wat Aqualux TRE-100-N (100 mm)	P-2871
CIT Wat Aqualux TC-100-AN (100 mm)	P-2872
CIT Wat Aqualux TC-150-AN (150 mm)	P-2873
CIT Wat Aqualux TC-200-AN (200 mm)	P-2874

Minimum order quantity: 240 pieces (30 pieces by carton box)

Aqualux TC



Same as the Aqualux TRE-TC with internal setting.

-Nickel pocket "vaina" (other material like inox available on request).

Operating temperature: 0°C to 50°C
 Output: 250VAC / 16(3)A
 Setting temperature: 30°C to 90°C
 Differential temperature: 6°K
 Protection class: IP 53

Type	P number
CIT Wat Aqualux TC-100-IN (100 mm)	P-2875
CIT Wat Aqualux TC-200-IN (200 mm)	P-2876

Minimum order quantity: 240 pieces (30 pieces by carton box)

CONTACT & IMMERSION THERMOSTATS

006



Aqualux TS

Immersion overheat protection for water temperature control in tank.

- Manuel reset.
- TS: Copper pocket "vaina" (other material like inox available on request).

Operating temperature: 0°C to 50°C

Output: 250VAC / 16(3)A

Limitation temperature: 55°C or 85°C
(Other value available on request)

Differential temperature: 6°K

Protection Class: IP53

Type	P number
CIT Aqualux TS-100-N (100 mm) 55°C	P-2911
CIT Aqualux TS-100-N (100 mm) 85°C	P-2912

Minimum order quantity: 240 pieces (30 pieces by carton box)



Aqualux TRS / TRB

Immersion thermostat with external capillary and overheat protection to control and limit water temperature in tanks.

- TRS: Copper pocket "vaina"
- TRB: Nickel pocket "vaina" (other material like inox available on request).

Operating temperature: 0°C to 50°C

Output: 250VAC / 16(3)A

Limitation Temperature: 95°

Setting temperature: 30°C to 90°C

Differential temperature: 6°K

Protection class: IP 53

Type	P number
CIT Aqualux TRS-100-N (100 mm)	P-2878
CIT Aqualux TRB-100-N (100 mm)	P-2879
CIT Aqualux TRB-150-N (150 mm)	P-2880

Minimum order quantity: 150 pieces (15 pieces by carton box)



Aqualux TRR

Immersion thermostat with external capillary and overheat protection to control and limit water temperature in tanks.

Thermostat with internal temperature setting.

Operating temperature: 0°C to 50°C

Output: 250VAC / 16(3)A

Limitation Temperature: 95°

Setting temperature: 30°C to 90°C

Differential temperature: 6°K

Protection class: IP 53

Type	P number
CIT Aqualux TRR-100-N (100 mm)	P-2881

Minimum order quantity: 150 pieces (15 pieces by carton box)

THERMOSTATS

007



Duo Temp Wall Thermostat

Electronic thermostat for Electrical devices.

- Main switch ON / OFF 16 Amps 2 poles
- Possibility to regulate either the floor or the room temperature, or combined (in that case, the floor sensor is used as temperature limiter)

Operating voltage: 230 VAC
 Operating temperature: 0°C to 50°C
 Output: 250 VAC / 13 A
 Setting temperature: 5°C to 30°C
 Differential temperature: 0,6°K
 Protection class: IP 30

Type	P number
EFH Main SwitchThermostat	P- 2317

Minimum order quantity: 336 pieces (112 pieces by carton box)



Duo Temp Wall Thermostat "Low profile"

Electronic thermostat for Electrical devices.

- With low profile (height 22mm instead of 30mm)
- Without main switch
- Possibility to regulate either the floor or the room temperature, or combined (in that case, the floor sensor is used as temperature limiter)
- Output limited to 10 Amps

Operating voltage: 230 VAC
 Operating temperature: 0°C to 50°C
 Output: 250 VAC / 10 A
 Setting temperature: 5°C to 30°C
 Differential temperature: 0,6°K
 Protection class: IP 30

Type	P number
EFH Duo Tem Wall Thermostat "Low Profile"	P- 2318

Minimum order quantity: 336 pieces (112 pieces by carton box)



Digital Thermostat

Electronic LCD thermostat for Electrical devices. All parameters and setting are made through a simple display

- Possibility to regulate either the floor or the room temperature, or combined (in that case, the floor sensor is used as temperature limiter)
- Output limited to 10 Amps

Operating voltage: 230 VAC
 Operating temperature: 0°C to 50°C
 Output: 250 VAC / 10 A
 Setting temperature: 5°C to 30°C
 Differential temperature: 0,6°K
 Protection class: IP 30

Type	P number
EFH Digital thermostat	P-2799

Minimum order quantity: 336 pieces (112 pieces by carton box)



THERMOSTATS

BASIC SOLAR CONTROL



Easy and basic system with Led display to control complete solar panel.

- This system is using 2 or 3 different sensors (solar panel, Bottom of tank and top tank) to drive the pump depending temperature difference between solar panel and tank.
- The pump can be manually operated for 4 hours.
- Pump exercise function to avoid stuck problem (15 seconds each 5 days if not operated)
- Possibility to connect a external heat element to increase water temperature
- Protection if sensor defaults
- Limitation of water tank temperature

Power supply: 230VAC 50Hz
 Operating temperature: 0°C to 50°C
 dT setting: 4°C to 30°C
 Factory set 8°C
 Max temperature: 30°C to 99°C
 Factory set 95°C
 Setting Temperature for extra heat: 0°C to 85°C
 Factory set 50°C
 Output for pump: Relay 230V 5 Amps
 Output for extra heat element: Relay 230V 5 Amps
 Protection class IP 33

Minimum order quantity: 25 pieces

Delivered with :

- 1 or 2 sensors PT 1000 probe with 3 m PVC 105°
- 1 sensor PT 1000 probe with 1,5 m silicone 180°C

* WALL MOUNTING 2 sensors

Type	P number	Batch
WAT BASIC SOLAR CONTROL	P-3686	25 pcs
(WALL MOUNTING 2 SENSORS+SCREW PACK)		50 pcs
		100 pcs
		200 pcs
		500 pcs

* WALL MOUNTING 3 sensors

Type	P number	Batch
WAT BASIC SOLAR CONTROL	P-3752	25 pcs
(WALL MOUNTING 3 SENSORS+SCREW PACK)		50 pcs
		100 pcs
		200 pcs
		500 pcs

THERMOSTATS

SOLAR LCD



Wall Mounting

Exclusive system with LCD graphic display and backlight to control up to 2 solar panels in 5 Different possible configurations:

- 1 Solar panel + 1 pump + 1 tank
- 2 Solar Panels + 2 pumps + 1 tank
- 2 Solar Panels + 1 pump + 1 valve + 1 tank
- 1 Solar Panel + 2 pumps + 2 tanks
- 1 Solar Panel + 1 pump + 1 valve + 2 tanks

This system can drive up to 5 different sensors (2 for solar panel, 2 for tank and 1 for extra temperature)

A microprocessor compares the different temperature in each point to make the best calculation to control the speed of the pump and open or close the valve when there is 2 solar panels.

Easy menu using 5 different languages: English, Swedish, German, French, Spanish.

- Freeze protection
- Tank priority
- All element can be drive manually or automatic.
- Pump exercise function to avoid stuck problem
- A Flow sensor can be used to check energy measument
- Protection if sensor defaults or incorrect temperature or Flow
- Limitation of water tank temperature
- Recooling function by exanging heat from tank to tank
- Calibration possibility
- Statistic on energy and power can be shown on a simple graphic by hours or day
- Possible evolution with RJ45 connector to linked with a computer

Power supply: 230VAC 50Hz

Operating temperature : 0°C to 50°C

Max Temp in tank 1:15°C to 95°C

(Fact 65°C)

dT max in tank 1:3°C to 40°C

(Fact 7°C)

dT min in tank 1:2°C to 35°C

(Fact 3°C)

Max Temp in tank 2:15°C to 95°C

(Fact 65°C)

dT max in tank 2:3°C to 40°C

(Fact 7°C)

dT min in tank 2:2°C to 35°C

(Fact 3°C)

Start Temperature:20°C to 90°C

(Fact 40°C)

Pump1 speed: 30% to 100%

(Fact 100%)

Pump2 speed: 30% to 100%

(Fact 100%)

Output for primary pump:

Triac 230V 2 Amps

Speed 30 to 100%

Output for second pump or Valve:

Triac 230V 2 Amp

Extra output:Relay 230V 5 Amps

Protection class IP 33

Minimum order quantity: 25 pieces

Delivered with :

- 2 sensors PT 1000 probe with 3 m PVC 105°
- 1 sensor PT 1000 probe with 1,5 m silicone 180°C

* WALL MOUNTING 3 SENSORS

Type	P number	Batch
WAT EXCLUSIF SOLAR CONTROL	P-3491	25 pcs
(WALL MOUNTING 3 SENSORS+SCREW PACK)		50 pcs
		100 pcs
		200 pcs
		500 pcs

THERMOSTATS

SOLAR LCD PLUS



Wall Mounting



Accessories

LCD SOLAR CONTROLLER with, graphic display and backlight, SD Card input (for data view, analyse, update...)

Can control up to 2 solar panels in 5 Different possible configurations:

- 1 Solar panel + 1 pump + 1 tank
- 2 Solar Panels + 2 pumps + 1 tank
- 2 Solar Panels + 1 pump + 1 valve + 1 tank
- 1 Solar Panel + 2 pumps + 2 tanks
- 1 Solar Panel + 1 pump + 1 valve + 2 tanks

This system can drive up to :

- 5 different temperature sensors (2 for solar panel, 2 for tank and 1 for extra temperature)
- 2 Analog sensors pressure and flow (Grundfos type, RPS or VFS)
- 1 impulse flow meter
- 2 outputs for pumps (standard with or without speed control or PWM)

A microprocessor compares the different temperature in each point to make the best calculation to control the speed of the pump and open or close the valve when there is 2 solar panels.

Easy menu using 5 different languages: English, Swedish, German, French, Spanish.

- Freeze protection
- Tank priority
- All element can be drive manually or automatic.
- Pump exercise function to avoid stuck problem
- A Flow sensor can be used to check energy measument
- Protection if sensor defaults or incorrect temperature or Flow
- Limitation of water tank temperature
- Recooling function by exanging heat from tank to tank
- Calibration possibility
- Statistic on energy and power can be shown on a simple graphic by hours or day

* In option : SD Card and USB Adapter with PC software to view and analyse all data registred and configure your Solar Installation.

Minimum order quantity: 25 pieces

Delivered with :

- 2 sensors PT 1000 probe with 3 m PVC 105°
- 1 sensor PT 1000 probe with 1,5 m silicone 180°C

* WALL MOUNTING 3 SENSORS

Power supply: 230VAC 50Hz

Operating temperature : 0°C to 50°C

Max Temp in tank 1:15°C to 95°C

(Fact 65°C)

dT max in tank 1:3°C to 40°C

(Fact 7°C)

dT min in tank 1:2°C to 35°C

(Fact 3°C)

Max Temp in tank 2:15°C to 95°C

(Fact 65°C)

dT max in tank 2:3°C to 40°C

(Fact 7°C)

dT min in tank 2:2°C to 35°C

(Fact 3°C)

Start Temperature:20°C to 90°C

(Fact 40°C)

Pump1 speed: 30% to 100%

(Fact 100%)

Pump2 speed: 30% to 100%

(Fact 100%)

Output for primary pump:

Triac 230V 2 Amps

Speed 30 to 100%

Output for second pump or Valve:

Triac 230V 2 Amp

Extra output:Relay 230V 5 Amps

Protection class IP 33

Type	P number	Batch
WAT SOLAR LCD PLUS	P-4188	50 pcs
(WALL MOUNTING 3 SENSORS+SCREW PACK)		100 pcs
		200 pcs



SPECIAL CONTROL

Pack GSM Controller

Home and industrial automation control via SMS message.

You can receive text messages with the occurrence of an event automatically to GSM cell (mobile) phones. You can transmit command messages and switch remote equipment. Connected to intruder detectors, infrared detectors, glassbreak and shock sensors, visual confirmation detectors, PIR detectors, photobeams, combinations detectors, motion detectors, door sensors, temperature.

- Internal and external temperature
- 2 contacts inputs (door contact, alarm)
- 1 relay output to drive different applications (heating,...)
- 1 buzzer for different sound indications
- led for visual indication : different status (GSM Network indication, status input, status output)
- 1 push button for driving the output, reset the module.

Operating voltage: 230 VAC
 Operating temperature: 0°C to 50° C
 Output: 230V 5 Amps
 Input: free contact
 Protection class: IP44



Type	P number
GSM Controller per 10	P-3260
GSM Controller per 100	P-3260

Minimum order quantity: 10 pieces (10 pieces by carton box)

Timer Daily

Simple Daily Timer to switch ON and OFF different devices (Heaters, Boiler,...)
 Override function

Operating voltage: 3 VDC
 Operating temperature: 0°C to 50° C
 Output: logic 0/3V
 Protection class: IP30



Type	P number
Timer Daily	P-2706

Timer Weekly

Simple Weekly Timer to switch ON and OFF different devices (Heaters, Boiler,...) during a complete week.
 Override function

Operating voltage: 3 VDC
 Operating temperature: 0°C to 50° C
 Output: logic 0/3V
 Protection class: IP30



Type	P number
Timer Weekly	P-2704