COMPUTHERM
HEATING EQUIPMENT CATALOGUE 2022

In the service of heating technology for more than 25 years

Quantrax Ltd.
34 Fulemule u., Szeged H-6726
Tel.: +36 62 424 133
E-mail: iroda@quantrax.hu
Web: www.quantrax.hu
www.computherm.info

MB | MAGYAR BRANDS 2x '20 '21

COMPUTHERM Q1RX

wireless (radio-frequency) thermostat-controlled socket

The Q1RX socket is also available paired with the thermostats Q5RF (TX) and Q8RF (TX)

NEW, IMPROVED VERSION

The *COMPUTHERM Q1RX* socket can be controlled by up to 12 *COMPUTHERM Q3RF, Q5RF, Q7RF* and *Q8RF* thermostats at the same time, and can be used in addition to / instead of their receiver units. The device is able to control boilers or any other electrical devices operating on 230 V (e.g. fan heaters, pumps, zone valves, etc.). Easy installation and operation, no assembly required. In response to the ON command of *COMPUTHERM Q3RF, Q5RF, Q7RF* and *Q8RF* wireless thermostats, a supply voltage of 230 V appears on the output socket of device *Q1RX* connected to the network, while the OFF command disconnects the device from the network.

- *Power consumption: 0,01 W*
- *Supply voltage: 230 V AC, 50 Hz*
- *Output voltage: 230 V AC, 50 Hz*
- *Switchable current intensity: 16 A (4 A inductive load)*
- *Duration of activable Delay On function: 4 minutes*
- *Duration of activable Delay Off function: 6 minutes*

COMPUTHERM Q2RF

wireless (radio-frequency) signal repeater

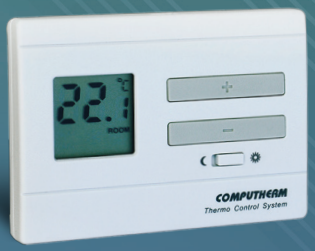
NEW DESIGN

The *COMPUTHERM Q2RF* plug was developed for the *COMPUTHERM Q3RF, Q5RF, Q7RF* and *Q8RF* thermostats to increase their wireless range. The original range of *Q3RF, Q5RF, Q7RF* and *Q8RF* thermostats is 50 m in open area, which can be significantly shortened by the structure of the building. To be able to use the *Q3RF, Q5RF, Q7RF* and *Q8RF* thermostats in larger buildings too, it is advised to use a wireless signal repeater. This can be achieved by using the *COMPUTHERM Q2RF* wireless repeater: it receives the signals of the wireless thermostats and retransmits the signal to the receiver unit, thus making the range larger. The 230 V AC continuously appers on the output of the socket.

- *Supply voltage: 230 V AC, 50 Hz*
- *Output voltage: 230 V AC, 50 Hz*
- *Maximum load: 16 A (4 A inductive load)*
- *Power consumption: 0,5 W*
- *Operating frequency: 868.35 MHz*
- *Transmission distance of the repeater: approx. 100 m in an open terrain*

COMPUTHERM Q3

digital room thermostat



It cannot be programmed but as compared to simple mechanical thermostats, measuring and adjusting temperature becomes significantly more accurate with its digital display. It enables you to set an economy and a comfort temperature, to calibrate the thermometer, to select the switching sensitivity and to switch between the heating and cooling mode.
We recommend using it in places where programmability is not required, but easy usage, accurate temperature measurement, accurate temperature setting and switching sensitivity is important.

- *Adjustable temperature range: 5 to 40 °C (in 0.5 °C increments)*
- *Temperature measurement range: 3 to 45 °C (in 0.1 °C increments)*
- *Temperature measurement accuracy: ±0.5 °C*
- *Thermometer calibration range: approx. ±4 °C*
- *Selectable switching sensitivity: ±0.1 °C; ±0.2 °C*
- *Switchable voltage: max. 30 V DC / 250 V AC*
- *Switchable current: 8 A (2 A inductive load)*
- *Battery voltage: 2 x 1.5 V AA size **ALKALINE** batteries (LR6)*

COMPUTHERM Q3RF

wireless (radio-frequency) digital room thermostat

The most important technical data of the receiver unit:

- *Supply voltage: 230 V AC, 50 Hz*
- *Switchable voltage: max. 30 V DC / 250 V AC*
- *Switchable current: 6 A (2 A inductive load)*

The thermostat cannot be programmed but as compared to simple mechanical thermostats, measuring and adjusting temperature becomes significantly more accurate with its digital display. It enables you to set an economy and a comfort temperature, to calibrate the thermometer, to select the switching sensitivity and to switch between the heating and cooling mode.
The thermostat can be freely moved within the transmission distance, there is a wireless (radio-frequency) connection between the thermostat and the boiler. The trouble-free operation is ensured by its own security code.

We recommend using it in places where programmability is not required, but easy usage, portability, accurate temperature measurement, accurate temperature setting and switching sensitivity is important. If required, the device can be extended with a *COMPUTHERM Q1RX* wireless thermostat-controlled socket.

The most important technical data of the thermostat (transmitter):

- *Adjustable temperature range: 5 to 40 °C (in 0.5 °C increments)*
- *Temperature measurement range: 3 to 45 °C (in 0.1 °C increments)*
- *Temperature measurement accuracy: ±0.5 °C*
- *Thermometer calibration range: approx. ±4 °C*
- *Selectable switching sensitivity: ±0.1 °C; ±0.2 °C*
- *Battery voltage: 2 x 1.5 V AA size **ALKALINE** batteries (LR6)*
- *Operating frequency: 868.35 MHz*
- *Transmission distance: approx. 50 m in an open terrain*

COMPUTHERM Q4Z

zone controller

NEW, IMPROVED VERSION

The COMPUTHERM Q4Z zone controller can control 1 to 4 heating zones, which are regulated by a wired switch-operated thermostat. The zones can operate independently from each other or, in case of need, all zones can operate at the same time. This way only those rooms are heated at a given time, whose heating is required. It receives switching signals from the thermostats, controls the boiler and gives commands to open/close the heating zone valves (max. 4 zones) associated with the thermostats. Any switch-operated room thermostat can be connected to the zone controller, whose output relay has a loadability of 230 V AC, min. 1 A (0.5 A inductive load).

- *Supply voltage: 230 V AC, 50 Hz*
- *Voltage of the zone outputs: 230 V AC, 50 Hz*
- *Loadability of the zone outputs: 2 A (0.5 A inductive load) (combined loadability of all zones together 8(2) A)*
- *Switchable voltage of the relay controlling the boiler: max. 30 V DC / 250 V AC*
- *Switchable current of the relay controlling the boiler: 8 A (2 A inductive load)*
- *Duration of activable Delay On function: 4 minutes*
- *Duration of activable Delay Off function: 6 minutes*

COMPUTHERM Q5RF

multi-zone, wireless (radio-frequency) digital room thermostat

The Q5RF thermostat can be extended by Q5RF (TX) and Q8RF (TX) thermostats as well as Q1RX sockets.

NEW, IMPROVED VERSION

The basic package of the device includes two thermostats and a receiver unit. If required, the equipment can be extended by two additional COMPUTHERM Q5RF (TX) and/or COMPUTHERM Q8RF (TX) thermostats. It is possible to tune a thermostat as well as multiple COMPUTHERM Q1RX wireless sockets to each zone of the COMPUTHERM Q5RF, thus making it possible to control multiple devices at the same time (e.g. starting both the boiler and a circulation pump).
The receiver unit receives switching signals from the thermostats, controls the boiler and gives commands to open/close the heating zone valves (max. 4 zones) associated with the thermostats. The zones can operate independently from each other or, in case of need, all zones can operate at the same time. This way only those rooms are heated at a given time, whose heating is required.
The thermostats enable you to set an economy and a comfort temperature, to calibrate the thermometer, to select the switching sensitivity and to switch between the heating and cooling mode.
The thermostats can be freely moved within the transmission distance, there is a wireless (radio-frequency) connection between the thermostats and the boiler. The trouble-free operation is ensured by its own security code.
We recommend using it in places where programmability is not required, but easy handling, dividing the heating system into zones, portability, accurate temperature measurement, accurate temperature setting and switching sensitivity is important.

The most important technical data of the receiver unit:

- *Supply voltage: 230 V AC, 50 Hz*
- *Switchable voltage of the relay controlling the boiler: max. 30 V DC / 250 V AC*
- *Switchable current of the relay controlling the boiler: 8 A (2 A inductive load)*
- *Voltage of the zone outputs: 230 V AC, 50 Hz*
- *Loadability of the zone outputs: 2 A (0.5 A inductive load)*
- *Duration of activable Delay On function: 4 minutes*
- *Duration of activable Delay Off function: 6 minutes*

The most important technical data of the thermostats (transmitters):

- *Adjustable temperature range: 5 to 40 °C (in 0.5 °C increments)*
- *Temperature measurement range: 3 to 45 °C (in 0.1 °C increments)*
- *Temperature measurement accuracy: ±0.5 °C*
- *Thermometer calibration range: approx. ±4 °C*
- *Selectable switching sensitivity: ±0.1 °C; ±0.2 °C*
- *Battery voltage: 2 x 1.5V AA **ALKALINE** batteries (LR6 type)*
- *Operating frequency: 868.35 MHz*
- *Transmission distance: approx. 50 m in an open terrain*

COMPUTHERM Q7

programmable digital room thermostat

Separate temperature programs can be prepared for each day of the week. For each day, beside 1 fixed switching time, 6 adjustable switching times can be set and a different temperature can be assigned to all 7 switching times. There are 4 different options to temporarily modify the temperature specified in the program: until the next switch in the program, for a period of 1 to 9 hours, for a period of 1 to 99 days and until the next manual intervention. Furthermore, it enables you to select the switching sensitivity, to calibrate the thermometer, to activate the pump protection function, to switch between the heating and cooling mode and to lock the control buttons.
We recommend using it in places where there is a need for programmability, furthermore accurate temperature measurement, accurate temperature setting and switching sensitivity is important.

- *Adjustable temperature range: 5 to 40 °C (in 0.5 °C increments)*
- *Temperature measurement range: 3 to 45 °C (in 0.1 °C increments)*
- *Temperature measurement accuracy: ±0.5 °C*
- *Thermometer calibration range: ±3 °C (in 0.1 °C increments)*
- *Selectable switching sensitivity: ±0.1 °C; ±0.2 °C; ±0.3 °C*
- *Switchable voltage: max. 30 V DC / 250 V AC*
- *Switchable current: 8 A (2 A inductive load)*
- *Battery voltage: 2 x 1.5 V AA size **ALKALINE** batteries (LR6)*

COMPUTHERM Q7RF

wireless (radio-frequency) programmable digital room thermostat

Separate temperature programs can be prepared for each day of the week. For each day, beside 1 fixed switching time, 6 adjustable switching times can be set and a different temperature can be assigned to all 7 switching times. There are 4 different options to temporarily modify the temperature specified in the program: until the next switch in the program, for a period of 1 to 9 hours, for a period of 1 to 99 days and until the next manual intervention. Furthermore, it enables you to select the switching sensitivity, to calibrate the thermometer, to activate the pump protection function, to switch between the heating and cooling mode and to lock the control buttons.
The thermostat can be freely moved within the transmission distance, there is a wireless (radio-frequency) connection between the thermostat and the boiler. The trouble-free operation is ensured by its own security code.
We recommend using it in places where there is a need for programmability, furthermore portability, accurate temperature measurement, accurate temperature setting and switching sensitivity is important. If required, the device can be extended with a ***COMPUTHERM Q1RX*** wireless thermostat-controlled socket.

The most important technical data of the thermostat (transmitter):

- *Adjustable temperature range: 5 to 40 °C (in 0.5 °C increments)*
- *Temperature measurement range: 3 to 45 °C (in 0.1 °C increments)*
- *Temperature measurement accuracy: ±0.5 °C*
- *Thermometer calibration range: ±3 °C (in 0.1 °C increments)*
- *Selectable switching sensitivity: ±0.1 °C; ±0.2 °C; ±0.3 °C*
- *Battery voltage: 2 x 1.5 V AA size **ALKALINE** batteries (LR6)*
- *Operating frequency: 868.35 MHz*
- *Transmission distance: approx. 50 m in an open terrain*

The most important technical data of the receiver unit:

- *Supply voltage: 230 V AC, 50 Hz*
- *Switchable voltage: max. 30 V DC / 250 V AC*
- *Switching current: 6 A (2 A inductive load)*

COMPUTHERM Q7RF (RX)

wireless (radio-frequency) receiver unit for COMPUTHERM room thermostats

The ***COMPUTHERM Q7RF (RX)*** wireless receiver unit can operate with the ***COMPUTHERM Q3RF***, ***COMPUTHERM Q5RF***, ***COMPUTHERM Q7RF*** and ***COMPUTHERM Q8RF*** wireless thermostats. Controlled by a wireless ***COMPUTHERM*** thermostat, the ***COMPUTHERM Q7RF (RX)*** switched-mode receiver unit is suitable to regulate the overwhelming majority of boilers and air conditioners. It can easily be connected to any gas boiler or air conditioning device that has a double wire connector for a room thermostat, regardless of whether it has a 24 V or 230 V control circuit. If you would like to make your gas convectors controllable by thermostat using a ***COMPUTHERM KonvekPRO*** controller and a ***COMPUTHERM*** wireless thermostat, and you would like to control multiple convectors from the same thermostat, then you can accomplish this using the ***COMPUTHERM Q7RF (RX)*** receiver unit. A ***COMPUTHERM*** wireless thermostat can be simultaneously tuned together with multiple ***COMPUTHERM Q7RF (RX)*** receiver units, thus making it possible to control multiple gas convectors simultaneously.

- *Supply voltage: 230 V AC, 50 Hz*
- *Switchable voltage: max. 30 V AC / 250 V DC*
- *Switchable current: 6 A (2 A inductive load)*

COMPUTHERM Q8RF

multi-zone, wireless (radio-frequency) programmable digital room thermostat

The Q8RF thermostat can be extended by Q5RF (TX) and Q8RF (TX) thermostats as well as Q1RX sockets.

NEW, IMPROVED VERSION

The basic package of the device includes two thermostats and a receiver unit. If required, the equipment can be extended by two ***COMPUTHERM Q5RF (TX)*** and/or ***COMPUTHERM Q8RF (TX)*** thermostats. It is possible to tune a thermostat as well as multiple ***COMPUTHERM Q1RX*** wireless sockets to each zone of the ***COMPUTHERM Q8RF***, thus making it possible to control multiple devices at the same time (e.g. starting both the boiler and a circulation pump).
The receiver unit receives switching signals from the thermostats, controls the boiler and gives commands to open/close the heating zone valves (max. 4 zones) associated with the thermostats. The zones can operate independently from each other or, in case of need, all zones can operate at the same time. This way only those rooms are heated at a given time, whose heating is required.
Separate temperature programs can be prepared for each day of the week. For each day, beside 1 fixed switching time, 6 adjustable switching times can be set and a different temperature can be assigned to all 7 switching times.
Furthermore, the thermostats enable you to select the switching sensitivity, to calibrate the thermometer, to activate the pump protection function, to switch between the heating and cooling mode and to lock the control buttons.

There are 4 different options to temporarily modify the temperature specified in the program:

- **until the next switch in the program**
- **for a period of 1 to 99 hours**
- **for a period of 1 to 99 days**
- **until the next manual intervention.**

The thermostats can be freely moved within the transmission distance, there is a wireless (radio-frequency) connection between the thermostats and the boiler. The trouble-free operation is ensured by its own security code.
We recommend using it in places where there is a need for programmability and for dividing the heating system into zones, furthermore portability, accurate temperature measurement, accurate temperature setting and switching sensitivity is important.

The most important technical data of thermostats (transmitters):

- *Adjustable temperature range: 5 to 40 °C (in 0.5 °C increments)*
- *Temperature measurement range: 3 to 45 °C (in 0.1 °C increments)*
- *Temperature measurement accuracy: ±0.5 °C*
- *Thermometer calibration range: ±3 °C (in 0.1 °C increments)*
- *Selectable switching sensitivity: ±0.1 °C; ±0.2 °C; ±0.3 °C*
- *Battery voltage: 2 x 1.5 V AA size **ALKALINE** batteries (LR6)*
- *Operating frequency: 868.35 MHz*
- *Transmission distance: approx. 50 m in an open terrain*

The most important technical data of the receiver unit:

- *Supply voltage: 230 V AC, 50 Hz*
- *Switchable voltage of the relay controlling the boiler: max. 30 V DC / 250 V AC*
- *Switchable current of the relay controlling the boiler: 8 A (2 A inductive load)*
- *Voltage of the zone outputs: 230 V AC, 50 Hz*
- *Loadability of the zone outputs: 2 A (0.5 A inductive load)*
- *Duration of activable Delay On function: 4 minutes*
- *Duration of activable Delay Off function: 6 minutes*

COMPUTHERM T30; T32

digital room thermostat

5 YEAR WARRANTY

Batteries included

NEW product!

It cannot be programmed but as compared to simple mechanical thermostats, measuring and adjusting temperature becomes significantly more accurate with its large digital display. Further, it enables you to calibrate the thermometer and to switch between the heating and cooling mode.

We recommend using it in places where programmability is not required, but ease of use, accurate temperature measurement, accurate temperature setting and switching sensitivity is important.

- *Temperature measure range: -9.9 °C to +50 °C (in 0.1 °C increments)*
- *Adjustable temperature range: +5 °C to +30 °C (in 0.5 °C increments)*
- *Temperature measurement accuracy: ±0.5 °C*
- *Temperature calibration range: ±8.0 °C (in 0.5 °C increments)*
- *Switching sensitivity: ±0.2 °C*
- *Switchable voltage: max. 30 V DC / 250 V AC*
- *Switchable current: 8 A (2 A inductive load)*
- *Supply voltage: 2 x 1.5 AAA **ALKALINE** batteries (LR03) (included)*

COMPUTHERM T30RF; T32RF

wireless (radio-frequency), digital room thermostat

5 YEAR WARRANTY

Batteries and power supply cable included

NEW product!

It cannot be programmed but as compared to simple mechanical thermostats, measuring and adjusting temperature becomes significantly more accurate with its large digital display. Further, it enables to calibrate the thermometer and to switch between the heating and cooling mode.

The thermostat can be freely moved within the transmission distance, there is a wireless (radio-frequency) connection between the thermostat and the boiler. The trouble-free operation is ensured by its own security code.

We recommend using it in places where programmability is not required, but ease of use, portability, accurate temperature measurement, accurate temperature setting and switching sensitivity is important.

Technical data of the thermostat:

- *Temperature measure range: -9.9 °C to +50 °C (in 0.1 °C increments)*
- *Adjustable temperature range: +5 °C to +30 °C (in 0.5 °C increments)*
- *Temperature measurement accuracy: ±0.5 °C*
- *Temperature calibration range: ±8.0 °C (in 0.5 °C increments)*
- *Switching sensitivity: ±0.2 °C*
- *Supply voltage: 2 x 1.5 AAA type **ALKALINE** batteries (LR03) (included)*
- *Operating frequency: 433 MHz*
- *Transmission distance: approx. 100 m in open terrain*

Technical data of the receiver unit:

- *Supply voltage: 230 V AC, 50 Hz*
- *Switchable voltage: max. 24 V DC / 240 V AC*
- *Switchable current: 7 A (2 A inductive load)*

COMPUTHERM T70

programmable digital room thermostat

5 YEAR WARRANTY

Batteries included

NEW product!

It is an easily programmable wired room thermostat. Thanks to its large display and touch buttons, separate hourly program can be set for each day of the week. It provides more accurate temperature measurement and temperature setting than mechanical thermostats, as well as the ability to switch between heating and cooling modes, calibrate the temperature sensor, and to lock the touch buttons. You can preset a comfort, an economy and an absence temperature.

We recommend using the device where there is a need for programmability, and where ease of use, accurate temperature measurement and temperature setting and switching accuracy are important.

- *Temperature measure range: -9.9 °C to +50 °C (in 0.1 °C increments)*
- *Adjustable temperature range: +5 °C to +30 °C (in 0.5 °C increments)*
- *Temperature measurement accuracy: ±0.5 °C*
- *Temperature calibration range: ±8.0 °C (in 0.5 °C increments)*
- *Switching sensitivity: ±0.2 °C*
- *Supply voltage: 2 x 1.5 AAA type **ALKALINE** batteries (LR03) (included)*
- *Switchable voltage: max. 30 V DC / 250 V AC*
- *Switchable current: 8 A (2 A inductive load)*

COMPUTHERM T70RF

wireless (radio-frequency), programmable digital room thermostat

Batteries and power supply cable included

NEW product!

5 YEAR WARRANTY

It is an easily programmable wireless (radio-frequency) room thermostat. Thanks to its large display and touch buttons, separate hourly program can be set for each day of the week. It provides more accurate temperature measurement and temperature setting than mechanical thermostats, as well as the ability to switch between heating and cooling modes, calibrate the temperature sensor, and to lock the touch buttons. You can preset a comfort, an economy and an absence temperature.
The thermostat can be freely moved within the transmission distance, there is a wireless (radio-frequency) connection between the thermostat and the boiler. The trouble-free operation is ensured by its own security code.
We recommend using the device where there is a need for programmability, and where ease of use, accurate temperature measurement and temperature setting, portability and switching accuracy are important.

Technical data of the thermostat:

- *Temperature measure range: -9.9 °C to 50 °C (in 0.1 °C increments)*
- *Adjustable temperature range: +5 °C to 30 °C (in 0.5 °C increments)*
- *Temperature measurement accuracy: ±0.5 °C*
- *Temperature calibration range: ±8.0 °C (in 0.5 °C increments)*
- *Switching sensitivity: ±0.2 °C*
- *Supply voltage: 2 x 1.5 AAA type **ALKALINE** batteries (LR03) (included)*
- *Operating frequency: 433 MHz*
- *Transmission distance: approx. 100 m in open terrain*

Technical data of the receiver unit:

- *Supply voltage: 230 V AC, 50 Hz*
- *Switchable voltage: max. 24 V DC / 240 V AC*
- *Switchable current: 7 A (2 A inductive load)*

COMPUTHERM TR-010

mechanical room thermostat

It is a conventional mechanically-operated room thermostat which is primarily recommended wherever reliability and easy handling are important. Its operation does not require any auxiliary energy, i.e. batteries need not be replaced.

- *Adjustable temperature range: 10 to 30 °C*
- *Switching sensitivity: ±1 °C*
- *Switchable voltage: max. 24 V DC / 250 V AC*
- *Switchable current: 10 A (3 A inductive load)*

COMPUTHERM KonvekPRO

gas convector controller

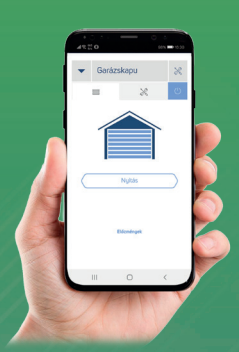
The COMPUTHERM KonvekPRO gas convector controller is suitable to regulate the overwhelming majority of gas convectors. It can easily be connected to any gas convector, that regulates itself using the probe of its thermostat (a copper cartridge containing expansive liquid, connected to the thermostat using a capillary tube).

With the help of a COMPUTHERM KonvekPRO controller it is easy to implement the automatic, programmable heating of a room equipped with a gas convector. The product also provides an opportunity for controlling the convector from anywhere using a Wi-Fi thermostat.

- *Voltage of DC adapter: DC 12 V, 500 mA*
- *DC adapter connector: 2.1 x 5.5 mm* ⊖—◎—⊕
- *Power consumption: max. 3 W (operative 1.5 W)*
- *Diameter of attachable thermostat probe (tube thermostat): 6-12 mm*

COMPUTHERM B220

Wi-Fi switch



Reed switch included

GET IT ON Google Play Download on the App Store

The *COMPUTHERM B220* Wi-Fi switch is an impulse mode device that can be controlled from smartphones, tablets and computers through the Internet. We primarily recommend it for the remote control of garage doors, front doors, and other impulse-controlled electronic equipment.

The door opening sensor included in the basic package make it easy to determine the open / closed position of the controlled door.

It is easy to connect it to any device that can be controlled by an impulse opening / closing contact regardless of whether it has a 12 V, 24 V or 230 V control circuit. It can be easily controlled through the Internet, and its state can be continuously monitored.

- *User interface: mobile application, website*
- *Supply voltage: 8-36 V AC/DC*
- *Switchable voltage: max. 24 V DC / 250 V AC*
- *Switchable current: 10 A (3 A inductive load)*
- *Operating frequency: Wi-Fi (b/g/n) 2.4 GHz*

COMPUTHERM B300

Wi-Fi thermostat with wired temperature sensor

GET IT ON Google Play Download on the App Store

The *COMPUTHERM B300* thermostat can be used to control the device (e.g. boiler) connected to it and to check its current state using your smartphone, tablet or computer via the Internet.

This product is an ideal choice to everyone as with its favourable price and its state-of-the-art technology it reduces energy costs while maintaining comfort. With the help of this product you will be able to control the heating of your flat, house or holiday home anytime, from anywhere. It is especially useful if you are not using your flat or house based on a regular schedule, you are travelling away from you home for an indefinite time during the heating season or you would like to use you holiday home during the heating season.

- *User interface: mobile application, website*
- *Adjustable temperature range: -40 °C – +100 °C (in 0.1 °C increments)*
- *Temperature measurement accuracy: ±0.5 °C (between -10 °C and +85 °C)*
- *Selectable switching sensitivity: 0 °C – ±74 °C (in 0.1 °C increments)*
- *Switchable voltage: max. 30 V DC / 250 V AC*
- *Switchable current: 16 A (4A inductive load)*
- *Power supply voltage: max. 230 V AC, 50 Hz*
- *Operating frequency of the main unit: Wi-Fi (b/g/n) 2.4 GHz*

COMPUTHERM B300RF

Wi-Fi thermostat with wireless temperature sensor

GET IT ON Google Play Download on the App Store

The *COMPUTHERM B300RF* thermostat can be used to control the device (e.g. boiler) connected to it and to check its current state using your smartphone, tablet or computer via the Internet.

This product is an ideal choice to everyone as with its favourable price and its state-of-the-art technology it reduces energy costs while maintaining comfort. With the help of this product you will be able to control the heating of your flat, house or holiday home anytime, from anywhere. It is especially useful if you are not using your flat or house based on a regular schedule, you are travelling away from you home for an indefinite time during the heating season or you would like to use you holiday home during the heating season.

There is a wireless connection between the temperature sensor and the main unit, therefore the location of the temperature sensor can also be changed during use.

- *User interface: mobile application, website*
- *Adjustable temperature range: -40 °C – +100 °C (in 0.1 °C increments)*
- *Temperature measurement accuracy: ±0.5 °C (between -10 °C and +85 °C)*
- *Selectable switching sensitivity: 0 °C – ±74 °C (in 0.1 °C increments)*
- *Switchable voltage: max. 30 V DC / 250 V AC*
- *Switchable current: 16 A (4A inductive load)*
- *Power supply voltage of the main unit: 230 V AC; 50 Hz*
- *Operating frequency of the main unit: Wi-Fi (b/g/n) 2.4 GHz*
- *Power supply voltage of the temperature sensor: 2 x 1.5 V AA size **ALKALINE** batteries (LR6)*
- *Operating frequency of the temperature sensor: 433 MHz*
- *Transmission distance of the temperature sensor: approx. 250 m in open terrain*

COMPUTHERM B400RF

Wi-Fi thermostat with a wireless touch screen controller

NEW product!

GET IT ON Google Play

Download on the App Store

The *COMPUTHERM B400RF* is a wireless Wi-Fi thermostat with touch screen. It can be used to control the device (e.g. boiler) connected to it either remotely through the Internet, or locally through its touch screen.

This product is an ideal choice to everyone as with its favourable price and its state-of-the-art technology it reduces energy costs while maintaining comfort. With the help of this product you will be able to control the heating of your flat, house or holiday home anytime, from anywhere. It is especially useful if you are not using your flat or house based on a regular schedule, you are travelling away from you home for an indefinite time during the heating season or you would like to use you holiday home during the heating season.

There is a wireless connection between the thermostat and its receiver unit, therefore the location of the thermostat can also be changed during use.

- *User interface: touch screen, mobile application, website*
- *Adjustable temperature range: -55 °C to +100 °C (in 0.1 °C increments)*
- *Temperature measurement accuracy: ±0.5 °C (at 25 °C)*
- *Selectable switching sensitivity: 0 °C to ±74 °C (in 0.1 °C increments)*
- *Thermometer calibration range: ±9.9 °C (in 0.1 °C increments)*
- *Humidity measurement accuracy: ±2% RH (at 25 °C, from 20% to 80% RH)*
- *Supply voltage of the thermostat: micro USB 5 V DC, 1 A*
- *Supply voltage of the receiver unit: 230 V AC; 50 Hz*
- *Switchable voltage: max. 30 V DC / 250 V AC*
- *Switchable current: 16 A (4 A inductive load)*
- *Operating frequency: RF 433 MHz, Wi-Fi (b/g/n) 2.4 GHz*
- *Transmission distance of the RF communication: approx. 250 m in open terrain*

COMPUTHERM E280; E300

Wi-Fi thermostat for radiator and underfloor heating systems

2ND GENERATION VERSION

GET IT ON Google Play

Download on the App Store

The *COMPUTHERM E280* and *E300* thermostats can be used to control the device (e.g. boiler) connected to them and to check its current state using your smartphone or tablet via the Internet. With the help of these products the heating/cooling system of your flat, house or holiday home can be made controllable from any place and at any time. These products are especially useful when you do not use your flat or house according to a predefined schedule, you leave your home for an uncertain period of time during the heating season or you intend to use your holiday home during the heating season as well. The thermostats are especially suitable for controlling underfloor heating systems owing to the connectable floor temperature sensor. The thermostats have two potential free relay outputs which switch simultaneously therefore they are able to control two independent apparatuses. The two outputs simply ensure that the thermostats can activate or turn on or off a pump and a zone valve, in addition to starting up the boiler. Thus, using several *COMPUTHERM E280* and/or *E300* type Wi-Fi thermostats, a heating system can be easily divided into zones without a separate zone control system.

The *COMPUTHERM E300* Wi-Fi thermostat is a more advanced version of the *COMPUTHERM E280* Wi-Fi thermostat, with black instead of white colour, glass screen and even more modern display.

- *User interface: mobile application, touch buttons*
- *Temperature measurement range:*
  0 °C – 50 °C (in 0.1 °C increments) - internal sensor
  0 °C – 99 °C (in 0.1 °C increments) - floor sensor
- *Temperature measurement accuracy (floor and internal temperature sensors): ±0.5 °C*
- *Adjustable temperature range: 5 °C – 99 °C (in 0.5 °C increments)*
- *Selectable switching sensitivity: ±0.1 °C to ±1.0 °C (in 0.1 °C increments)*
- *Thermometer calibration range: ±5,0 °C (in 0.1 °C increments)*
- *Supply voltage: 230 V AC, 50 Hz*
- *Switchable voltage (K1 and K2): max. 24 V DC / 240 V AC*
- *Switchable current: 8 A (2 A inductive load)*
- *Operating frequency: Wi-Fi (b/g/n) 2.4 GHz*

COMPUTHERM E400RF

Wi-Fi thermostat with a wireless touch button controller

2ND GENERATION VERSION

GET IT ON Google Play

Download on the App Store

The *COMPUTHERM E400RF* is a wireless Wi-Fi thermostat with touch buttons. It can be used to control the device (e.g. boiler) connected to it either remotely through the Internet, or locally through its touch buttons.

This product is an ideal choice to everyone as with its favourable price and its state-of-the-art technology it reduces energy costs while maintaining comfort. With the help of this product you will be able to control the heating of your flat, house or holiday home anytime, from anywhere. It is especially useful if you are not using your flat or house based on a regular schedule, you are travelling away from you home for an indefinite time during the heating season or you would like to use you holiday home during the heating season.

There is a wireless connection between the thermostat and its receiver unit, therefore the location of the thermostat can also be changed during use.

- *User interface: touch buttons, mobile application*
- *Adjustable temperature range: 5 °C to 99 °C (in 0.5 °C increments)*
- *Temperature measurement range: 0 °C to 50 °C (in 0.1 °C increments)*
- *Temperature measurement accuracy: ±0.5 °C (at 25 °C)*
- *Selectable switching sensitivity: ±0.1 °C to ±1.0 °C (in 0.1 °C increments)*
- *Thermometer calibration range: ±5.0 °C (in 0.1 °C increments)*
- *Supply voltage of the thermostat: USB-C 5 V DC, 1 A*
- *Supply voltage of the receiver unit: 230 V AC; 50 Hz*
- *Switchable voltage: max. 24 V DC / 250 V AC*
- *Switchable current: 10 A (3 A inductive load)*
- *Operating frequency: RF 433 MHz, Wi-Fi (b/g/n) 2.4 GHz*
- *Transmission distance of the RF communication: approx. 250 m in open terrain*

COMPUTHERM tube/boiler thermostats

The probe of the thermostats detects the temperature of the material stagnating or flowing in the pipe/boiler and, in response to a temperature change, it provides a potential-free electrical closing/ opening contact at the adjusted temperature. We primarily recommend using them to control pumps for underfloor heating and hot water circulation.

WPR-90GC

capillary tube/boiler thermostat with ilmmersion sleeve

- *Adjustable temperature range: 0 °C to 90 °C*
- *Switching sensitivity: ±2.5 °C*
- *Switchable voltage: max. 24 V DC / 250 V AC*
- *Switchable current: 16 A (4 A inductive load)*
- *Connection dimensions of the sleeve pipe: G=1/2"; Ø8x100 mm*
- *Length of the capillary tube: 1m*
- *Protection against environmental impacts: IP40*
- *Maximum enviroment temperature: 80 °C (110 °C for the probe)*

WPR-90GD

tube thermostat

- *Adjustable temperature range: 0 °C to 90 °C*
- *Switching sensitivity: ±2.5 °C*
- *Switchable voltage: max. 24 V DC / 250 V AC*
- *Switchable current: 16 A (4 A inductive load)*
- *Protection against environmental impacts: IP40*
- *Maximum enviroment temperature: 80 °C (110 °C for the probe)*

WPR-90GE

tube/boiler thermostat with immersion sleeve

- *Adjustable temperature range: 0 °C to 90 °C*
- *Switching sensitivity: ±2.5 °C*
- *Switchable voltage: max. 24 V DC / 250 V AC*
- *Switchable current: 16 A (4 A inductive load)*
- *Connection dimensions of the sleeve pipe: G=1/2"; Ø8x100 mm*
- *Protection against environmental impacts: IP40*
- *Maximum enviroment temperature: 80 °C (110 °C for the probe)*

COMPUTHERM pump controllers

The pump controllers measure the temperature of the medium standing or flowing in the pipeline / boiler by their digital temperature sensor. As a result of a temperature change, they switch at the set temperature and the 230 V voltage appears at their output. The pre-assembled connecting cables make it easy to control any circulating pump or other electrical device that is operated by 230 V. The devices can be used to control circulating pumps of both heating and cooling systems, offer the option to select switching sensitivity, and have a pump protection and a frost protection function.

WPR-100GC

pump controller with wired temperature sensor

NEW product!

- *Adjustable temperature range: 5 °C to 90 °C (in 0.1 °C increments)*
- *Temperature measure range: -19 °C to 99 °C (in 0.1 °C increments)*
- *Switching sensitivity: ±0.1 °C to 15.0 °C (in 0.1 °C increments)*
- *Temperature measurement accuracy: ±1.0 °C*
- *Supply voltage: 230 V; 50 Hz*
- *Output voltage: 230 V; 50 Hz*
- *Loadability: max. 10 A (3 A inductive load)*
- *Protection against environmental impacts: IP40*
- *Connection dimension of the sleeve pipe: G=1/2"; Ø8x60 mm*

WPR-100GD

pump controller with contact sensor

NEW product!

- *Adjustable temperature range: 5 °C to 80 °C (in 0.1 °C increments)*
- *Temperature measure range: -19 °C to 99 °C (in 0.1 °C increments)*
- *Switching sensitivity: ±0.1 °C to 15.0 °C (in 0.1 °C increments)*
- *Temperature measurement accuracy: ±1.5 °C*
- *Supply voltage: 230 V; 50 Hz*
- *Output voltage: 230 V; 50 Hz*
- *Loadability: max. 10 A (3 A inductive load)*
- *Protection against environmental impacts: IP40*

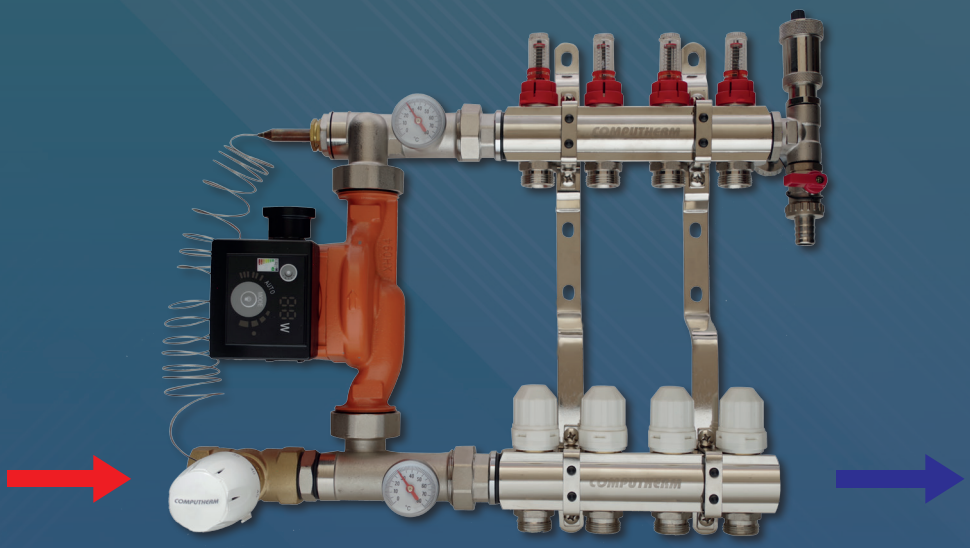
WPR-100GE

pump controller with immersion sleeve

NEW product!

- *Adjustable temperature range: 5 °C to 80 °C (in 0.1 °C increments)*
- *Temperature measure range: -19 °C to 99 °C (in 0.1 °C increments)*
- *Switching sensitivity: ±0.1 °C to 15.0 °C (in 0.1 °C increments)*
- *Temperature measurement accuracy: ±1.0 °C*
- *Supply voltage: 230 V; 50 Hz*
- *Output voltage: 230 V; 50 Hz*
- *Loadability: max. 10 A (3 A inductive load)*
- *Protection against environmental impacts: IP40*
- *Connection dimension of the sleeve pipe: G=1/2"; Ø8x60 mm*

COMPUTHERM manifold and fittings

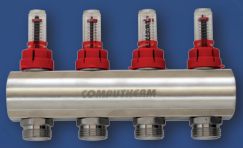


MF01 (3-8 ways)

1" collection manifold with built in valve
connection dimensions of regulators: M30 x 1.5mm

MF02 (3-8 ways)

1" distribution manifold with built in valve



MF03 (3-8 ways)

1" distribution manifold with flowmeters

MF04

combined connector for DN25 pump with thermometer and immersion sleeve *(one pair)*

MF05

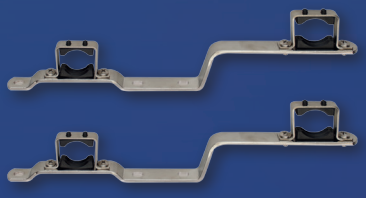
1" x 1/2" x 1/2" end piece

MF06

1" compression straight coupling

MF07

connector for Ø16 and Ø20 mm plastic pipes



MF08

bracket *(one pair)*

MF09

1/2" air vent

MF10

1/2" purge valve (with red or blue handle)

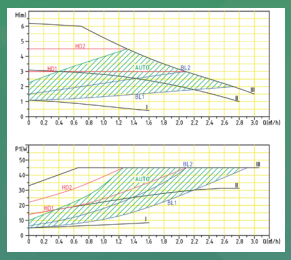
MF11

1/2" thermometer 20-80 °C

COMPUTHERM

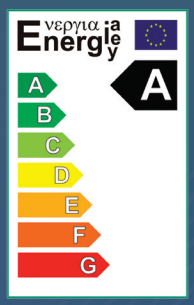
CPA20-6; CPA25-6

energy class A circulation pump



The CPA low-energy circulation pumps are designed for the circulation of water in one-pipe, two-pipe, radiator-based and underfloor heating systems. The permanent-magnet motor and the modern electronic control of the pump enables the pump to adapt its performance to the current needs of the heating system automatically. Because of this, the energy consumption of these pumps are significantly lower than the consumption of conventional pumps, and they are classified as Energy Efficiency Class A pumps.

- *Supply voltage: 230 V AC, 50 Hz*
- *Max. medium temperature: +2 °C – +110 °C*
- *Max. working pressure: 10 bar*
- *Max. head: 6 m*
- *Max. flow: 2,8 m3/h (CPA20-6); 3,2 m3/h (CPA25-6)*
- *Nominal width: G 1" (CPA20-6); 1½" (CPA25-6)*
- *Port to port length: 130 mm (CPA20-6); 180 mm (CPA25-6)*
- *Motor performance: 5-45 W*
- *Energy label: "A"*
- *Protection against environmental impacts: IP44*
- *Insulation label: H*
- *Material of the motor: cast iron*
- *Type of the motor: induction motor*
- *Material of the runner: PES*
- *Noise level: max. 45 dB*
- *EEI: < 0.23*



COMPUTHERM

hydraulic separators with thermal insulation

NEW product!

A hydraulic separator is an equipment that can be used to ensure the independent operation of different heating/cooling circuits by creating a short circuit between the forward and return pipelines. As a result, it detaches the heat generating equipment from energy-using circuits.

Thanks to the created hydraulic short circuit the pumps can provide the necessary flow volumes to the different heating/cooling circuits without disturbing each other, and the individual circuits can operate with different flow volumes. With the use of hydraulic separators it becomes easier to design, operate and regulate a system consisting of multiple heating / cooling circuits.

- *Material: stainless steel*
- *Max. operating pressure: 10 bar*

Type	Water connection dimensions (external thread)		Air vent and purge valve connection dimensions (internal thread)	Max. flow rate	Max. perfor-mance *
HS20	DN20	3/4"	1/2"	2.700 l/h	45 kW
HS25	DN25	1"	1/2"	4.800 l/h	80 kW
HS32	DN32	5/4"	1/2"	9.000 l/h	155 kW
HS40	DN40	6/4"	1/2"	21.600 l/h	375 kW

* Maximum performance values are valid for ΔT = 15 ° C

COMPUTHERM

radiator valve/zone valve; 2- and 3-way valve

DN15-A *DN20-2/25-2* *DN20-3/25-3*

type	size	model	Kvs
2-way valve	1/2"	DN15-A	1,8
	3/4"	DN20-2	3,5
	1"	DN25-2	5
3-way valve	3/4"	DN20-3	3,5
	1"	DN25-3	5

We recommend using the valves to regulate heat emission from radiators or to sectionalize heating zones. Its connection dimensions are adapted to commonly used equipments, i.e. it can be easily connected to radiators, manifolds or directly to the pipe network. The valve can be regulated by a manual control button, a thermostat head or an electro-thermal actuator. Connection dimensions of controlling equipment (thermostat head, actuator): M30x1.5 mm

COMPUTHERM DF-110E

electro-thermal actuator

The *COMPUTHERM DF-110E* valve actuator is 2-point controlled and is electro-thermally operated. It can be mounted on zone valves and manifolds using its flare nut. With factory default setting and in its non-voltage state the actuator keeps the valve closed, while it opens the valve in response to 230V voltage in a couple of minutes. If required, its operation can be easily inverted to keep the valve opened in its non-voltage state. The open or closed position of the valve is indicated by the axial displacement/ position of the pin located on the front panel of the actuator. In closed position the pin sinks into the front panel, in opened position the pin raises some millimeters above the front panel. The simple electro-thermal construction ensures reliable operation and low energy consumption.

- *Supply voltage: 230 V AC, 50 Hz*
- *Power consumption: 3 W*
- *Max. current: ~150 mA*
- *In non-voltage state the valve is: opened/closed, based on its setting*
- *Maximum stroke: ~4 mm*
- *Lenght of connecting cable: 1 m*
- *Dimensions of the flare nut: M30x1.5 mm*
- *Opening/closing period: approx. 4.5 minutes (25 °C)*
- *Opening force: 90-125 N*
- *Protection against environmental impacts: IP40*

COMPUTHERM DF-230

electro-thermal actuator

The *COMPUTHERM DF-230* valve actuator is 2-point controlled and is electro-thermally operated. It can be mounted on zone valves and manifolds using its flare nut. In its non-voltage state the actuator keeps the valve closed, while it opens the valve in response to 230V voltage in a couple of minutes. The open or closed position of the valve is indicated by the axial displacement/position of the grey cylinder located on the front panel of the actuator. In closed position the cylinder sinks into the front panel, in opened position the cylinder raises some millimeters above the front panel. The simple electro-thermal construction ensures reliable operation and low energy consumption.

- *Supply voltage: 230 V AC, 50 Hz*
- *In non-voltage state the valve is: closed*
- *Power consumption: 2 W*
- *Max. current: ~50 mA*
- *Protection against environmental impacts: IP41*
- *Maximum stroke: ~4 mm*
- *Lenght of connecting cable: 1 m*
- *Dimensions of the flare nut: M30x1.5 mm*
- *Opening/closing period: approx. 4 minutes (25 °C)*
- *Opening force: 120 N*

COMPUTHERM TF-13

temperature regulating thermostat head with a capillary tube

The probe of the thermostat head with capillary tube mounted on a control valve detects the temperature of the material stagnating or flowing in the pipeline by means of a pipe sleeve, and opens or closes the valve whenever the temperature of the material is below or above the temperature set in the temperature scale. It is primarily intended to adjust or limit the temperature of the underfloor heating system.

- *Adjustable temperature range: 20 to 60 °C*
- *Dimension of the flare nut: M30 x 1.5 mm*
- *Dimensions of the immersion sleeve: G=1/2"; L=140 mm*
- *Length of the capillary tube: 2 m*

The ISO Quality Assurance System used in the manufacturing process guarantees high quality level of the products. Based on the tests conducted according to EU directives, the devices are entitled to bear the CE conformity marking.

KIVALÓ ÜZLETI MÁRKA MB MAGYAR BRANDS 2021

INNOVATÍV MÁRKA MB MAGYAR BRANDS 2020