

Controller CS-07

How it works.

The controller is designed to steering the pump of central heating and water circulation. The main purpose of the regulator is to switch the pump if the temperature exceeds a demanded value, and it's exclusion if the boiler cools up (due to extinction). This prevents unnecessary pump's operations, which saves electricity (savings, depending on the degree of utilization of the boiler- reach as much as 60%) and prolongs the life of the pump. This also increases the reliability and decreases the costs mostly associated with the operation. The controller is equipped with the system which prevents the sticking of the pump. In about 15 days the pump is activated for 15 seconds.

An additional security feature is installed anti-frost function which protects water from freezing. When the temperature drops below 5 ° C the sensor, the heating pump shall be attached permanently.

How to use the controller.

The set temperature is changed by pressing a button □ in order to enter menu's options, the display should show a flashing letter C, at which point you can change the demanded temperature by using the keys ◊Δ. After a few seconds, the controller automatically enters the mode and will display the current temperature of the oven.

Manual work.

In this function, you can check whether the connected pump is efficient, by pressing keys □Δ simultaneously. Pressing the keys once again will turn off the pump.

Hysteresis.

It is a difference between the temperature of an entry, in the cycle of switching on of a controller and the temperature of the return to standby. The controller has a fixed 2 gradual hysteresis. For instance, if you set the temperature to 50 ° C, the pump will switch on after exceeding 50 ° C and will turn off when the temperature drops to 48° C.

Alarm.

The controller is equipped with an audible alarm to indicate excessive temperature (above 90 ° C) on the boiler.

Installation instructions.

The installation should be done by the person having the proper electrical qualifications. The sensor should be placed at the exit of the boiler by the wire-tie and isolated from the external factors by the isolation tape (it cannot be immersed in any liquid).The power cord for the pump should be connected in the following way: blue-brown- 230V,yellow Green (protective) should be connected to the ground. The controller Has the thermal security which should be installed together with the central heating sensor. This is the additional security which in case of the failure of the controller, at 90 °C, cuts off the power supply to the blower.



Information concerning disposal of electrical and electronic appliances

The symbol shown above placed on the products or the enclosed documentation informs that the faulty electrical or electronic appliances cannot be thrown away together with the

domestic waste. The correct way in case of disposal, reuse or recycling of actuators is to give the appliance to the specialized waste collecting centers, where it will be taken free of charge. In some countries you may give your product away to the local distributor while buying another appliance. The correct utilization of the appliance enables preventing the precious resources and avoiding the negative impact on health and environment, which may be endangered by the improper conduct with the waste. You can get the specific information concerning the nearest collection point at the local authorities. The incorrect utilization of waste is subject to penalty provided in the appropriate local provisions.

Guarantee

The producer ensures the buyer that the product will work faultlessly for 24 months since the date of sale. The guarantor promises to repair the appliance, if the failures occurred due to his fault. The appliance should be delivered to the place where it was bought, enclosing this guarantee with the confirmed date of purchase. All the expenses connected with it will be due to the user. The guarantee does not cover the failures caused as a result of lightning strikes Or short circuits. The guarantee for the sold commodity does not exclude, restrict nor suspend the rights of the buyer resulting from the inconsistency of the commodity with the agreement.

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producer

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date of sale