

Controller SP-06

Controller SP-06 is designed to steer water circulation pump CO. The task of the regulator is to switch on the pump if the temperature exceeds the desired value, and switch it off if the oven cools down (due to extinction). This prevents unnecessary operation of the pump, which saves electricity (savings, depending on the degree of utilization of the oven, reach even 60%), and prolong the life of the pump. This increases the reliability of decreasing the costs associated with the operation. The pump's temperature is controlled by the potentiometer (in the range from 10 ° C to 90 ° C). The pump stops when the actual temperature falls by 20C below the set temperature (adjustable potentiometer). Switching on and off the pump goes after 5 seconds.

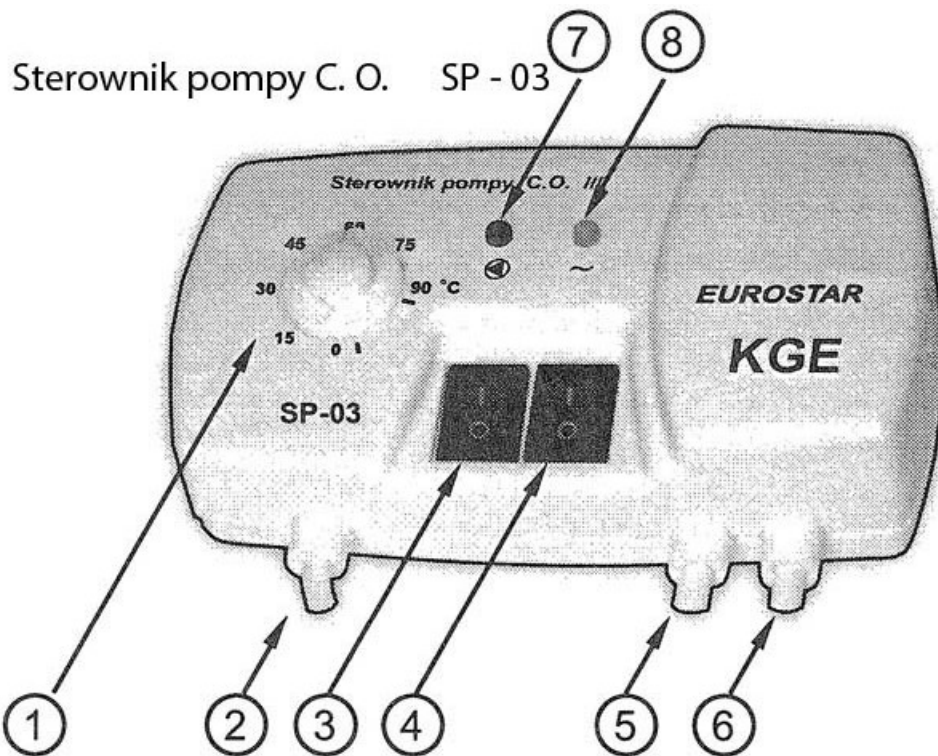
The regulator, in addition to the potentiometer, possesses two switches. The first one is used to control switching of the regulator (indicated by glowing red LED). The second is used for manual switching of pump (indicated by the green LED).

The controller has a security in the form of reusable polymer fuse (inside the housing on the board). It also has an anti-stop function which switches the pump for 30 seconds every 14 days during the heating season. It has a built-in alarm system which signals when temperature exceeds 90o C. The device also possesses an anti-freeze function which protects from the low temperature the most vulnerable sections of the heating system. In case of falling the ambient temperature by the 7oC – the controller will activate the pump. However, if temperature drops below 0 ° C the controller will turn off automatically.

Connecting the power supply of pump CO:

1. To terminal \equiv yellow-green wire
2. To terminal N blue wire
3. To terminal L brown wire

The sensor should be placed on the outlet pipe hot water from the stove pipe with the sensor insulated concrete cover (this should be done carefully so that the sensor could actually indicate the temperature)



- 1 Potentiometer
- 2 The temperature sensor
- 3 Manual switch mode pump
- 4 Power switch
- 5 Network cable
- 6 The power cord of the pump
- 7 LED indicating the work of the pump
- 8 LED indicating the power of the pump.

Installation instructions

The installation should be done by the person having the proper electrical qualifications. Before any work connected with power supply (wiring installation device, etc.), make sure that the controller is not connected to the network!



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