

Controller SP-03

Controller SP-03 is designed to control the water circulation pump C.O. 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 (the result of extinction). This prevents unnecessary operation of the pump, which saves electricity (saving depending on the degree of utilization of the oven, reach even 60%) and extends the life of the pump. This increases the reliability of the pump and decrease the costs associated with the operation.

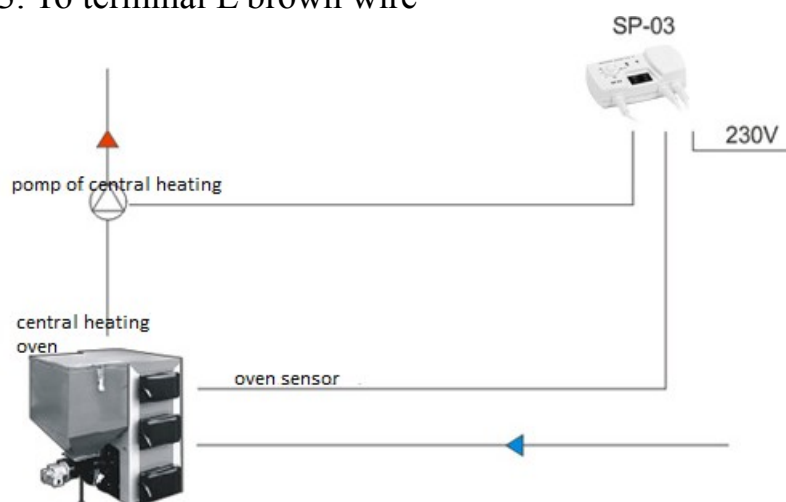
The temperature of the pump is regulated by the potentiometer (in the range of 10 C - 90C). The pump stops when the actual temperature falls 5 C below the set temperature (sets by potentiometer). Switching on and off of the pump is made after 30 seconds. This prevents constant switching of the pump in the case of rapid temperature' changes.

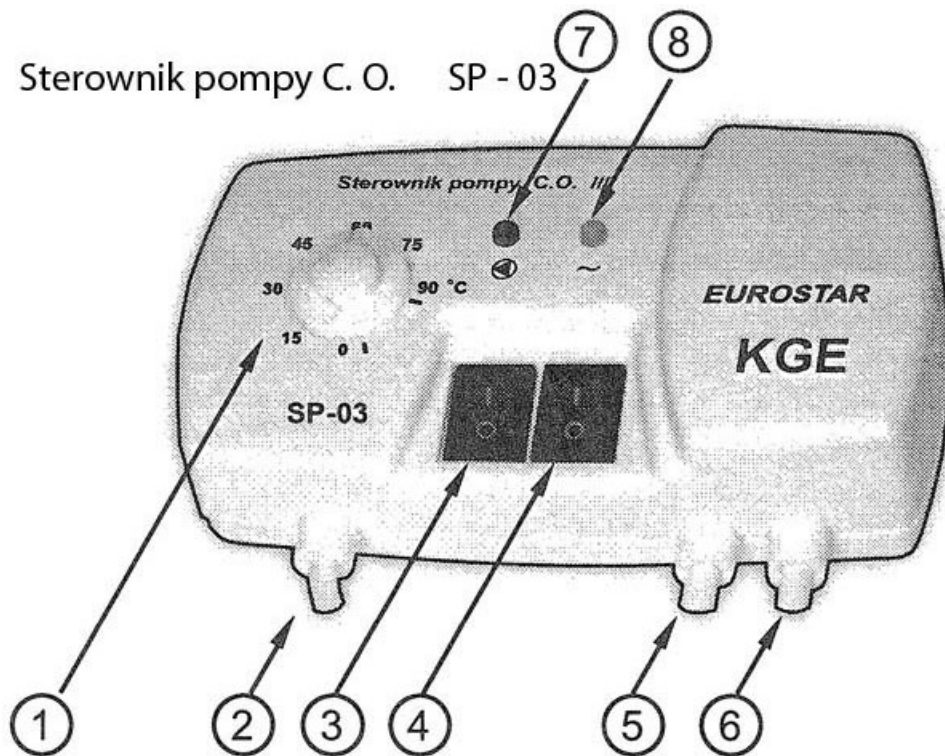
The regulator, in addition to the potentiometer, possesses two switches. The first one is used to control switching of the regulator (indicated by glowing red LED). The second is used for manual switching of pump (indicated by the green LED).

In addition, the green LED also indicates when the pump works during the automatic steering of the pump. The controller has a security in the form of reusable polymer fuse (inside the housing, on the plate).

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





- 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