



## Manual utilizare controler pompa S-150



**S - 150**



ATTENTION, read the instruction manual before use. For safety reasons, only persons thoroughly familiar with the operating instructions are allowed to operate the pump.

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**WARNING:** Failure to follow the instructions marked in this way will likely result in personal injury!

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Failure to follow the recommendations marked in this way may damage the equipment!

**Nota**

Notes or instructions that facilitate work and ensure safe operation.



## **WARNING !!!!**

Before starting the installation, carefully read the assembly and operating instructions for the device. Installation and use of the device must comply with local regulations and the instructions below.



## **WARNING !!!!**

Persons (including children) with reduced physical, sensory or mental capacity, persons with no experience or knowledge of the equipment should use the pump under the supervision of persons who may be responsible for their safety.

## **Precautions**

1. Please read the following manual carefully before installation
2. Failure to comply with the content marked with the warning signs may result in personal injury, damage to the pump and other material losses, where the manufacturer bears no responsibility in this regard, in particular, damages.
3. The installer, maintenance technician and user must follow the local safety regulations.
4. The user must confirm that the installation and maintenance of the product is carried out by personnel with appropriate knowledge and professional experience related to the construction and operation of heating installations.
5. If a power cord is damaged, contact an authorized service center for replacement
6. If the pump motor heats up excessively (more than normal), please disconnect the pump immediately from the power supply, close the shut-off valves and contact the service.
7. The product should be placed out of the reach of children, and measures should be taken to isolate the product to avoid contact with children.
8. The product must be connected to an electric network equipped with an efficient electrical earthing system. The yellow-green core of the connection cable is earthing.
9. Place the product in a dry, well-ventilated, cool place and store at room temperature.
10. This equipment is intended for use by persons (including children) with limited physical, sensory or mental abilities, or without experience or knowledge of the equipment, unless it is performed under proper supervision or in accordance with the instructions for use of the equipment, provided by persons responsible for their safety. Make sure children do not play with the equipment.

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## **ATTENTION!**

Connect the supply voltage through a socket with a protective pin



## **ATTENTION! Electric device under voltage!**

Before performing any activities related to the power supply (connecting cables, device installation, etc.), make sure that the CONTROLLER is not connected to the mains! Installation should be performed by a person with appropriate permissions!

# CONTROLLER FOR PUMP. S-150

## CONTROLLER FOR PUMP. S-150

The S-150 CONTROLLER is designed to control the CH water circulation pump. The task of the controller is to switch the pump on if the temperature exceeds the set value and switch it off if the switch-off temperature drops below the set temperature. This prevents unnecessary operation of the pump, which allows you to save electricity (savings depending on the degree of use of the furnace can reach up to 60%) and extends the life of the pump. As a result, its reliability increases and operating costs are reduced. Both the switch-on and switch-off temperature can be set between 0°C - 99°C. The hysteresis has been replaced by the possibility to freely set the switch-off temperature.

Example: Desired temperature 34°C (lower display), switch-off temperature 31°C

If the sensor temperature reaches 34°C, the pump will turn on at 34°C and will run until the sensor temperature drops to 31°C, then the controller will turn off the pump.

### THERMOSTAT FUNCTION

The controller also has a built-in thermostat function. It is possible to set the temperature at which the controller will turn off the controlled devices and then, after lowering it to the desired value, will start the device.

### SETTING OPERATION PARAMETERS

The controller is equipped with 2 LED displays. The current temperature measured by the sensor is displayed on the upper standard display, while the lower one shows the switch-off temperature. The MENU button switches the Controller into the preview mode and setting the temperature for switching off, switching on and setting the anti-stop function.

P1 - Pressing the "MENU" button once will take you to the activation temperature setting function, the temperature will be displayed on the lower display, and the upper display - P1. The "+" and "-" buttons are used to set the activation temperature. After setting the activation temperature, wait 4 seconds for the controller to remember the setting.

P2 - Another pressing of the menu button will take you to the switch-off temperature setting - P2. Now use the "+" and "-" buttons to set the switch-off temperature and then wait 4 seconds for the controller to remember the setting.

P3 - Pressing the menu button again will cause passing to the AUTO-STOP function setting - P3. In this mode, the intangible every how many days the pump is to be paused for a short time to prevent blocking the pump shaft. Also here, after waiting for 4 seconds, the controller will remember the setting.

Standby - by holding the Standby button for 3 seconds, the controller goes into sleep mode and its functions stop working.

LED indicator - when the pump is started the LED will glow red. When the temperature drops below the switch-off temperature, the LED turns off.

### THERMOSTAT FUNCTION

When using the thermostat function, the programming system looks the same as when controlling the circulation pump. Values should be entered in the opposite way:

P1 - the temperature at which the controller is to turn on the device is set and it must be lower than the switch-off temperature P2 - at which the controller turns off the device.

# CONTROLLER FOR PUMP. S-150

## ANTI-FREEZE FUNCTION

The controller is equipped with an ANTI-FREEZ function, thanks which the controller when the temperature drops temperature below 5°C, it will start the pump in order not to bring it to freezes.

### Technical data

Temperature adjustment range (set temperature)	0°C -99°C
Temperature adjustment range (switch-off temperature)	0°C -99°C
Supply voltage	230V / 50Hz ± 10%
Power consumption	<5W
Ambient temperature	- 10°C - 40°C
Temperature sensor	RESISTANT
Length of the sensor cable.	~ 1 m
Length of the mains cable. Length of the pump power cable	~ 1 m
Exit	230V / 50Hz
Output load current	pump 6A (load resistance)
Measurement accuracy	~ 0.1°C

### Functions

Level in the MENU	FUNCTION	Setting range
P1	TEMPERATUREJOINTS	0-99°C
P2	TEMPERATUREJOINTS	0-99°C
P3	INCONNECTING THE PUMP EVERY DAYS	1-99

## CONTROLLER FOR PUMP. S-150



- 1. Button MENU changing the settings
- 2. Increase button
- 3. Down button
- 4. Current temperature display
- 5. Switching temperature display
- 6. Device operation indicator
- 7. Standby - sleep button
- 8. Network cable
- 9. Pump power cable
- 10. Temperature sensor

# CONTROLLER FOR PUMP. S-150

## LET'S TAKE CARE OF OUR ENVIRONMENT!

Each user can contribute to the protection of the environment. It is neither difficult nor expensive. For this purpose, the cardboard packaging should be provided with plastic bags in the plastic container. Worn out device should be sent to an appropriate collection point.



## DIRECTIONS FOR DISPOSAL

The packaging of this product can be recycled. contact with your local authorities for information on the correct method of disposal.

## DISPOSAL OF USED PRODUCT

Your Temperature Controller is made of materials that can be reused or recycled. Symbol of the crossed out bucket

rubbish placed on the product means that it is covered by the European Directive 2002/976 / EC on the use of waste electrical and electronic equipment. Please see the collection system

electrical and electronic products in the place of residence. Act in accordance with the arrangements of local authorities and do not dispose of used products together with municipal waste. Special plants collect used electrical and electronic products, disassemble them into parts and collect the materials for reuse (information provided by the seller).



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# DECLARATION OF CONFORMITY

## EU DECLARATION OF CONFORMITY (Module A):

1. Pump controller: S-150
2. PHUDambat, Gawartowa Wola 38, 05-085 KAMPINOS, POLAND, e-mail: [biuro@dambat.pl](mailto:biuro@dambat.pl)
3. This declaration of conformity is issued under the sole responsibility of the manufacturer.
4. Switches of the type series included in point 1.
5. Pursuant to the Act of April 13, 2016 on the compliance system (Journal of Laws of 2004, item 542), we declare with full responsibility that the submersible pumps to which this declaration relates are made in accordance with the following Directives and the references to the standards contained therein:  
  
LVDDirective No. 2014/35 / EU  
EMCDirective No. 2014/30 / EU
6. Applied standards:  
EN60730-1: 2002, EN61000-6-1: 2007, EN61000-6-2: 2007,  
EN61000-6-3: 2007, EN61000-6-4: 2007

Rok oznaczenia urządzenia znakiem CE .....  
(wpisuje sprzedawca na podstawie tabliczki znamionowej)



Gawartowa Wola 38  
Adam Jastrzębski  
23/01/2019

# WARRANTY

## WARRANTY CARD:

The following warranty card is valid only together with the original purchase document, i.e. invoice or receipt. Moreover, it must be confirmed by the seller with a signature and a stamp. Warranty card without attached the original purchase document is invalid

1. The guarantor of the device is PHUDAMBAT, service address 05-870 Błonie, Pass 21, Hall B, Park Hillwood
2. For customers who have the original proof of purchase in the form of a fiscal receipt or an original invoice, the warranty period is **24 months**.
3. The guarantee does not include, limit or suspend the rights of the buyer resulting from the provisions of the warranty for defects in the goods sold.
4. The warranty covers the removal of device defects resulting from manufacturing errors free of charge.
5. The warranty is valid only if the recommendations contained in the operating manual are complied with.
6. The warranty does not cover:  
Damage as a result of improper operation or operation inconsistent with the intended use and manual  
Damage resulting from external forces, the cause of which lies outside the device covered by the warranty (e.g. frost, transport, fire, flood, etc.)  
Damage resulting from interference in the device's structure by persons not authorized by the guarantor
7. The warranty is void in the case of:  
Findings in an authorized service center of design changes made by a person not authorized by the guarantor  
Findings at an authorized service point of attempts to disassemble the device by a person not authorized by the guarantor beyond the activities permitted in the operating manual  
Finding in an authorized service any corrections to the warranty card made by persons not authorized by the guarantor

Any discrepancies between the entries in the warranty and the purchase document are found in an authorized service center.

8. The warranty covers only devices operated in the territory of the Republic of Poland.

9. If the unit is shipped for user repair:

· When shipping devices, including weighing more than 20 kg, the guarantor covers the costs of transport to the service. Before shipment, please contact the guarantor for information which courier company to send the device to (tel. 22-6328609).

The guarantor accepts only parcels sent in the standard service. Shipments sent at the guarantor's expense using a service other than the standard will not be received. The guarantor does not collect cash on delivery parcels.

The user should prepare (secure) the device for transport so that it will not be damaged. Any damage caused by the customer's fault is not subject to warranty repair.

10. The buyer is not entitled to any compensation beyond the terms of the warranty.

11. In the case of sending to the service a functional device that is not subject to warranty repair, the user may be asked to reimburse the cost of checking the device and return the cost of returning the device from the service to the user.

12. If the guarantor does not recognize the damage as the fault of the manufacturer, the user may be asked to reimburse the costs of transport to the service and return the cost of returning the device to the user.

13. The warranty repair will be performed within 14 working days from the date of delivery of the device to the service, except in special cases when the defect is not permanent and longer diagnostics of the device is necessary.

14. The guarantor does not provide information on the state of repair or the course of the repair itself, sent to the service center.

15. If the user has an e-mail address, please provide it below

User e-mail address: ..... Providing the address by the user will facilitate communication with the service and may speed up the repair

16. Contact to the nationwide service tel / fax 22-6328609, e-mail: [serwis@dambat.pl](mailto:serwis@dambat.pl) Working hours: Monday-Friday 8.00-16.00

DEVICE TYPE: ..... PRODUCTION NO.: .....

DATE OF SALE (month in words) .....

STAMP AND SIGNATURE OF THE SELLER .....



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