WARNING!!!

WE INFORM THAT THE OFFERED CONTROLLER CAN BE ONLY APPLIED TO THE FITTING DEVICES. THE REQUIREMENTS OF THE TECHNICAL AND BUILDING STANDARDS CONCERNING THE CORRECTNESS OF STOVE-FITTER AND HEATING SYSTEMS HANDLING THE FIREPLACE INPUTS MUST BE MET.

WRONG USAGE OF THE CONTROLLER CAN LEAD BOTH TO ITS DAMAGE AND IN EXTREME CASES TO THE DAMAGE OF THE FIREPLACE INPUT AND HEATING SYSTEM CONTROLLED BY THE FIREPLACE AS WELL , ALONG WITH THE DEVICES THAT COOPERATE WITH THE HEATING SYSTEM.

Zakład elektroniczny TATAREK Jerzy Tatarek

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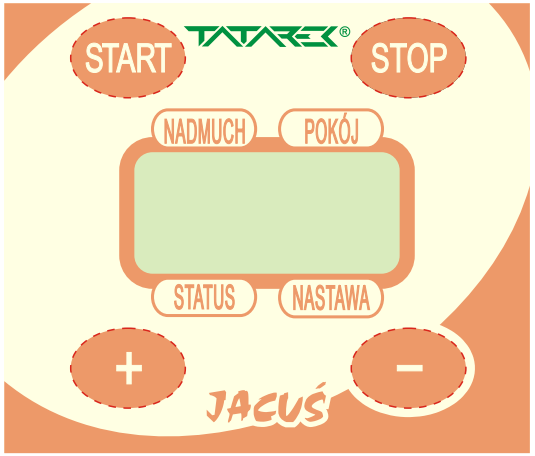
USER MANUAL

MICROPROCESSOR ROTATION CONTROLLER OF FIREPLACE FAN RT - 05 JACUŚ



The RT-05 JACUŚ controller has the following features:

- Controlling the temperature in the motor chamber of the blower and prevents it jamming by switching on the blower if the temperature exceeds 145°C.
- In the operation mode of ROTATION CONTROL the controller enables a variable control of rotation in the range of 10%-100% of maximum rotation of the blower.
- In the operation mode of TEMPERATURE CONTROL the controller stabilizes a room temperature in the range of 8°C-30°C by variably controlling warm air blow-in.

1. Primary technical parameters:

Voltage supply	230V/50Hz
Power consumption without load	5W
Maximum connection power	460VA
Measurement range of blow-in temperature	0^0C÷155^0C +/-5^0C
Measurement range of room temperature	0^0C÷35^0C +/-1^0C
Switch-on temperature of alarm	145^0C
Switch-off temperature of alarm	135^0C
Range of variable control of rotation	10%÷100%
Fuse	3,15A/250V

2. Servicing the controller

On the control panel (Fig.1) are buttons as follows:

- START - switches on the controller.
- STOP - switches off the controller. Pressing longer than 2 secs enables changing the operation mode of the controller (TEMPERATURE CONTROL/ROTATION CONTROL)
- +/- changes the setting

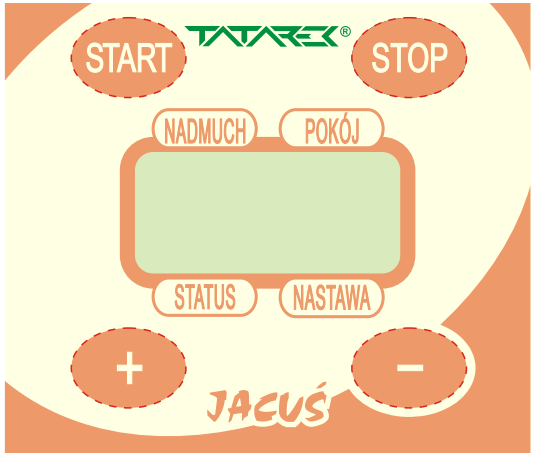


Fig.1 Control panel

2.1. TEMPERATURE CONTROL mode

There's a temperature sensor inside the controller. The controller stabilizes a room temperature by variably controlling warm air blow-in.
The preset temperature can be changed in the range of 8°C-30°C. When the temperature is below the preset one the fan is turned on. The higher the temperature the slower is rotation of the fan down to full stop.
In the field NADMUCH the blow-in temperature measured close to the blower motor is shown. (In the figure that's 109°C)
In the field POKÓJ the room temperature measured near the control panel is displayed (In the figure that's 19,5°C)
The ON/OFF state of the controller shows up above STATUS (In the figure that's ZAŁ (ON) but can be WYŁ (OFF)). The state can be altered with START/STOP button.

The preset temperature (in the figure that's 20°C) shows up above NASTAWA.
The preset temperature can be altered with +/- button.

Admission date	Realization date	Signature	Remarks

WARRANTY

1.Warranty is valid [24] months from the date of sale.
2.Producer does not take responsibility for any mechanical damages made by user.
3.MAKING REPAIRS OR MODYFYING THE CONTROLLER BY USER IS FORBIDDEN AND CAUSES WARRANTY CANCELATION
4.Warranty card is valid only with date of sale, seller's signature and stamp
5.Warranty and after-warranty repairs should be done only by producer, damaged regulators should be sent to producer in order to make all repairs needed.
6.Warranty protection involves the EU
7.Warranty does not exclude, not restrict and not suspend buyer's rights coming from the incompatibility of the article with the agreement (Laws Journal No. 141 Pos. 1176)

WARNING !

ANY MODIFICATION OF THE CONTROLLER MADE BY A USER CAN BE THE CAUSE OF SAFETY CONDITIONS DETERIORATION AND CAN EXPOSE THE USER TO ELECTRIC SHOCK OR DAMAGE DEVICES SUPPLIED.

Connection cable of the control may be replaced only by producer or his authorized service locations

WARNING!
1. Producer does not take the responsibility for damage caused by atmospheric discharge
2. and overvoltage in the mains
3. Burnt fuses are not subject to warranty replacement

Date of sale **Seller's signature and stamp**

Register No.. GIOS: E 0002240WZ

Worn out electronic and electric devices must be transfered to the utilization collection place, where will be accepted for free

ARGO-FILM
Recycling Plant No. 6
180 Krakowska st., 52-015 Wroclaw
ph.: 071 794 43 01,
0 515 122 142

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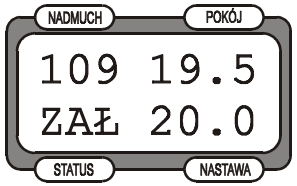
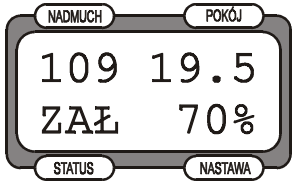


2.2. ROTATION CONTROL mode

In the ROTATION CONTROL mode you can set the rotation of the fan in the range of 10%-100%
In the field NADMUCH the blow-in temperature measured close to the blower motor is shown.
(In the figure that's 109°C)
In the field POKÓJ the room temperature measured near the control panel is displayed
(In the figure that's 19,5°C)
The ON/OFF state of the controller shows up above STATUS (In the figure that's ZAŁ (ON) but can be WYŁ (OFF)). The state can be altered with START/STOP button.

The preset rotation (in the figure that's 70%) shows up above NASTAWA.
The preset rotation can be altered with +/- button.

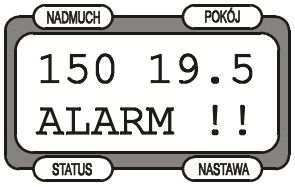


2.3. Change of the operation mode

Pressing the STOP button longer than 2secs enables changing the operation mode (TEMPERATURE CONTROL/ROTATION CONTROL)
With the + button you set the mode TEMPERATURE CONTROL (in the figure "reg.temp")
With the - button you set the mode ROTATION CONTROL (in the figure "nast.dm")
You confirm your selection with the START button
The current mode is indicated by the "*" sign.

2.4. Protection of the motor against seizing

Independently of the selected operation mode the controller monitors the temperature of the motor chamber. If the temperature exceeds 145°C the fan switches on. On the control panel the text ALARM !! shows up and the alarm sound starts resonating. After the temperature drops to 135°C the controller automatically returns to the previous operation mode.



3.Mounting the controller

WARNING !!

! THE CONTROLLER IS SUPPLIED BY 230V/50HZ .ANY MOVES REGARDING INSTALLATION SHOULD BE MADE AT THE DISCONNECTED MAINS.

! THE CONTROLLER HAS TO BE CONNECTED TO THE MAINS WITH THE ZERO-PIN.

! THE PHONE CABLE WAS USED TO CONNECT THE BOX WITH THE CONTROL PANEL BUT IT IS FORBIDDEN FOR THE RT-05 CONTROLLER TO BE CONNECTED TO THE PHONE LINE. THAT THREATENS A DAMAGE TO THE CONTROLLER AND PHONE SYSTEM. THE VOLTAGE IS SAFE ON THE PHONE (RJ) CONTACT.

The wiring should be made according to Fig. 3. Connecting the controller of the motor (RJ contact) with the control panel through a phone cable.

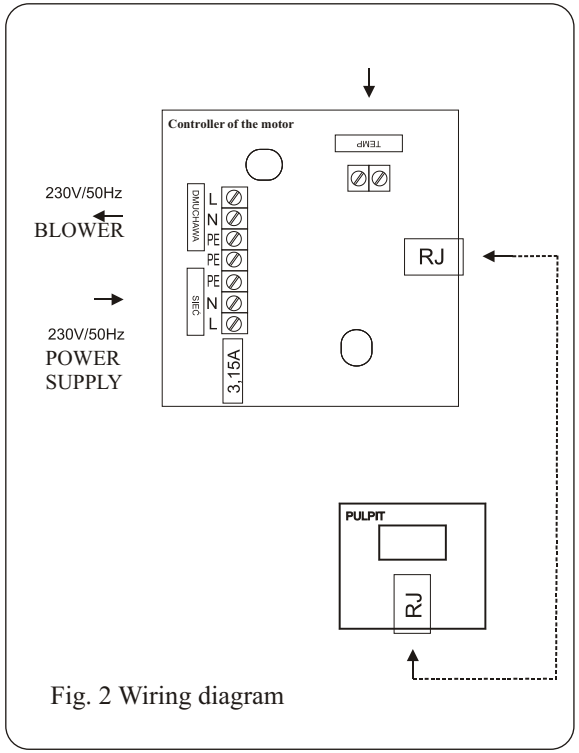


Fig. 2 Wiring diagram

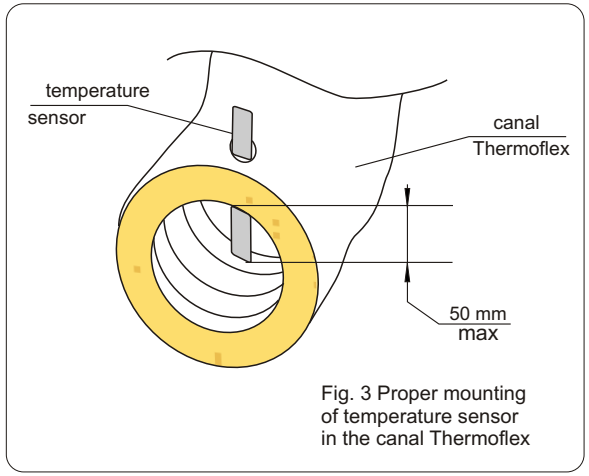


Fig. 3 Proper mounting of temperature sensor in the canal Thermoflex

!!! The sensor of the controller has to be mounted directly on the inlet of warm air to the turbine in the distance not more than 10-20cm from the inlet. It's forbidden to mount the sensor in the flue of the fireplace beacuse of high temperature of up to 800 °C and therefore the sensor is immediately damaged.