



## 2. Principle of operation

To the left on the control panel (fig. 1) is 4 LEDs indicating the control level of the blower. When the blower is off, the 4 LEDs are also off. When the blower rotation increases, the first LED begins blinking, at first with short impulses, then with the long ones. At the further rotation increase the LED starts glowing constantly. The other LEDs activation signal a still higher rotation up to the maximum when all the LEDs glow constantly.

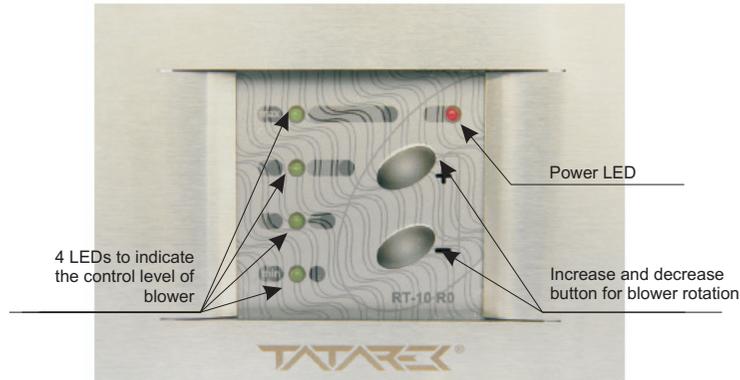


Fig.1 Control panel view

To the right on the panel is the power LED and 2 buttons + , - to change the blower rotation. By pressing the + button you can increase the rotation, by pressing the - button you can decrease the rotation up to its stopping.

### 2.1 Types of blowers

In order to ensure the cooperation between the regulator and a specific blower, the regulator was equipped with different control algorithms. Adjusting the control to the type of blower you can done at authorized service base or at the regulator's manufacturer.

### 2.2 Service mode “choosing the type of blower”

To ensure a proper cooperation of the RT-10 with a wide spectrum of blowers, the regulator was equipped with 2 control algorithms. The selection which one should be done by an installer during the first activation.

The service mode is started by pressing long the + button during powering the regulator.

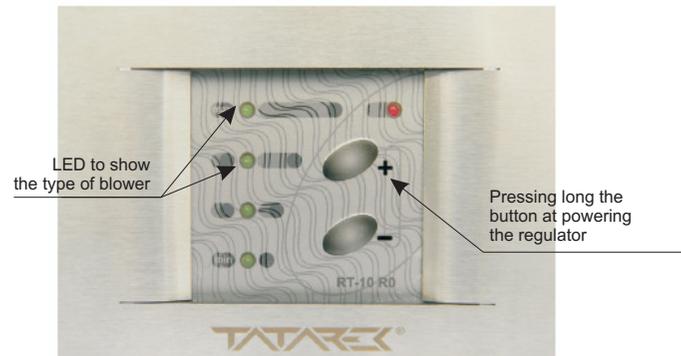


Fig. 2. Service mode activation.

Company TATAREK guarantees a right operation of device acc. to the technical and exploitation conditions attached to the warranty. The warranty regards any design and material mistakes. It is valid only in Poland. Demands coming from the warranty begin from the day of buying a device. They are however invalid with the last day of warranty term on specific product calculated on the base of a purchase or production date, mentioned above regarding actual articles. The warranty does neither exclude, nor restrict, nor suspend the rights of a customer coming out of the discrepancy between an article and an agreement.

#### Exclusions:

The Warranty does not encompass defects generated from:

- mechanical forces
- pollutions
- modifications
- design changes
- acts related with maintainance and cleaning of device
- accidents and natural disaster
- chemical factors
- atmospherical factors (decoloring and the like)
- wrong storing
- nonauthorized repairs
- transportation by spedition company or per post
- wrong installation
- wrong exploitation (see technical and exploitation conditions)

In such cases the claims are rejected

Furthermore the warranty doesn't concern the demands on the base of wrong calculations - generated while selecting technical parameters by a customer or subcontractor.

#### Realization of the customer's rights follows by:

- repair or free replacement of parts considered by TATAREK to be faulty
- removal of other defects in device
- the notion "repair" does not refer to operations foreseen in the manual (maintainance, cleaning), to which a user is obliged

#### Warranty card is valid if:

- was correctly filled out
- is put with a receipt or an invoice copy (evidence of purchase)
- there is a conformity between the date of sell on warranty card to the date on a receipt or an invoice copy

#### Complained product should:

- be sent to a professional authorized service place- preferred by TATAREK, its trade consultant or sent directly to TATAREK by spedition firm SERVISCO or per post (as a nonvalue package)
- include a properly filled-out warranty card
- Defects emerged during warranty time will be removed as soon as possible, not however exceeding 21 days from the date of device arrival at a service place

#### Complained product will be swapped for a new one if:

- firm TATAREK acknowledges the defect cannot be removed or its repair cost is too high
- product is repaired 4th time (in warranty time-span) because of the same production fault

If an article is not available, a new one of similar parameters can be given to a client. After the swap the warranty time is reactivated, though the warranty is not prolonged because of repairs done into the device.

#### Warranty cost:

- cost of product delivery is incurred by a client profiting from warranty rights to service, trade consultant or producer.
- cost of repair is incurred by TATAREK
- in case of complained product rejection by TATAREK , the product is sent to a customer at his cost

We wish you satisfaction of exploitation

TATAREK

I read and accepts the warranty rules:

.....  
date and signature of buyer

**TATAREK®**

**Zakład elektroniczny TATAREK Jerzy Tatarek**

50-559 Wrocław, 75 Świeradowska st,  
phone: (071) 367-21-67, 373-14-88, fax 373-14-58; NIP 899-020-21-48;  
Account: BZ WBK S.A. WROCLAW 6910901522-0000-0000-5201-9335  
www.tatarek.com.pl.; e-mail: [tatarek@tatarek.com.pl](mailto:tatarek@tatarek.com.pl)

## 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 MODIFYING THE DEVICE 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 REGULATOR MADE BY USER CAN BE THE CAUSE OF SAFETY CONDITIONS DETERIORATION AND CAN EXPOSE THE USER TO ELECTRIC SHOCK OR DAMAGE DEVICES SUPPLIED.

Connection cable of regulator 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 transferred to the utilization collection place, where will be accepted for free

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



# TATAREK®

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ph. (071) 367-21-67, 373-14-88, fax 373-14-58; tax index number 899-020-21-48;  
Bank account : BZ WBK S.A. O/WROCŁAW 6910901522-0000-0000-5201-9335  
www.tatarek.com.pl.; E-mail: tatarek@tatarek.com.pl

With the - button you change the type of blower. 2 LEDs signal the actual type of blower. If you don't press the button for 8 sec the regulator goes over to the normal operation

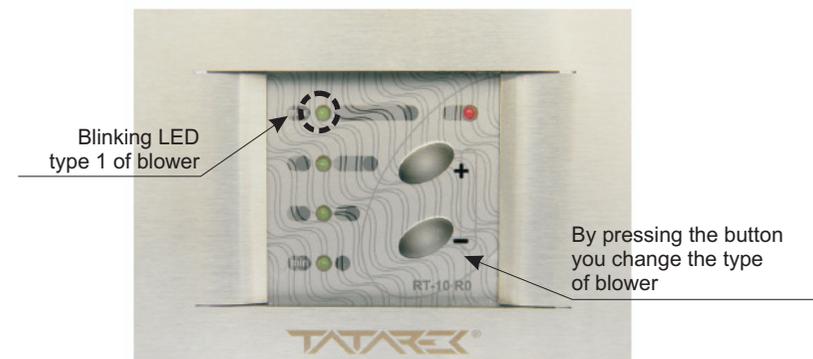


Fig. 3. Chosen type 1 of blower.

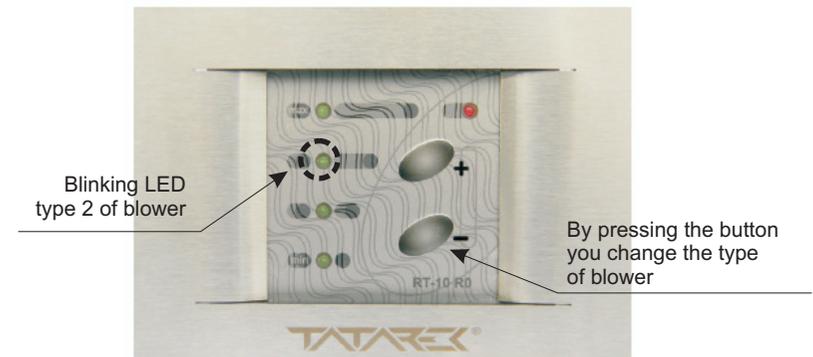


Fig. 4. Chosen type 2 of blower.

Types of blower:

Type of blower	Sort of blower
type 1	SEK80, WBS-6 and the like
type 2	RV14 and the like

### 3. Regulator installation

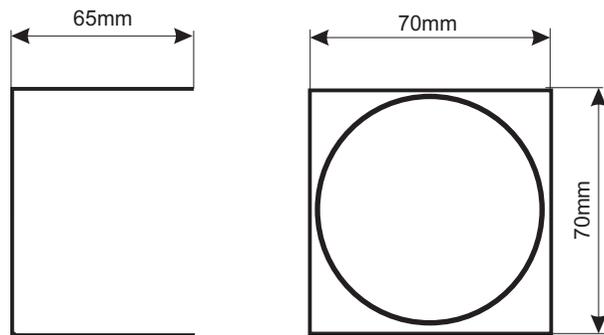


Fig. 5 the opening for the regulator box in wall

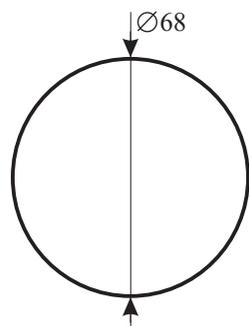
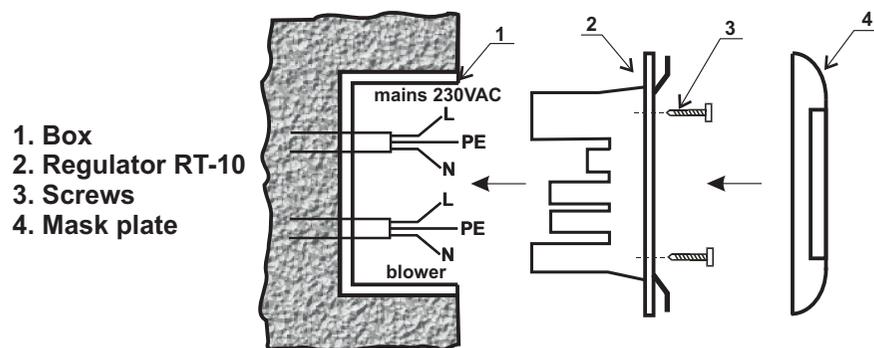


Fig. 6 the opening for the regulator box in plaster wall

#### ATTENTION !

The regulator must have the PE connection by yellow-green cable



- ◆ Connect the regulator to the cables led out of the box acc. to the electric schema
- ◆ Put the RT-10 into the box and screw
- ◆ Install the mask plate on the regulator

### CE CONFORMITY DECLARATION

Ref. No. 56.RT.01.2007/1/B

We, **ZAKŁAD ELEKTRONICZNY TATAREK Jerzy Tatarek**  
75 Swieradowska St. , 50-559 Wroclaw

declare under our sole responsibility that

the product: **MICROPROCESSOR REGULATOR OF FAN**

model: **RT-10, RT-10N**

is in conformity with the basic requirements included in Directive EMC 2004/108/WE of 15.12.2004 (the electromagnetic compatibility law of 13.04.07) and Directive LVD 2006/95/WE of 21.08.07 (Laws Journal of 2007 No. 155 pos. 1098) regarding the requirements for electric devices.

To the conformity evaluation the following harmonized standards were used:

PN-EN 60730-2-1: 2002 - Automatic electric regulators for house usage and the like. Part 2-1: Specific requirements regarding electric regulators for electric house devices

PN-EN 60730-1: 2002 - Automatic electric regulators for house usage and the like. Part 1: General requirements.

PN-EN 55022: 2000 - Electromagnetic compatibility (EMC)- IT devices  
Characteristics of radioelectric noises. Acceptable levels and measurement methods

Complementary information: : Laboratory ELTEST Warsaw, 11 Ratuszowa st.  
Laboratory IASE 51-618 Wroclaw, 1 Wystawowa st.

Test report No. MD0060P of 21.11.2006 r  
56/DL/1/06 of 30.10.2006 r

Electronic Engineering Plant TATAREK  
has initiated management system and complies with the following standard :  
ISO9001: 2000 CERTIFICATE No. 133/2004 of 01.2004  
Polish Foreign Trade Chamber

The last two digits of the year in which the CE marking was affixed: 07

Place of issue:

Wroclaw

Date of issue:

17.09.2007

Manufacturer representative:

Mirosław Zasepa

Position:

Designer