



Code: **RAWP-1R**
Name: **4-fan panel with the RACK 1U thermostat**
v1.0

EN*



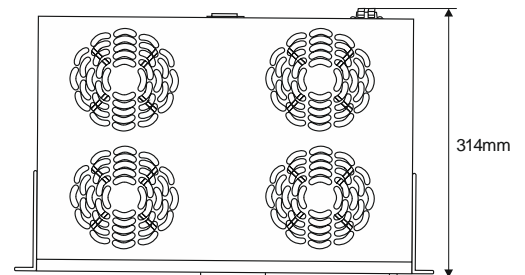
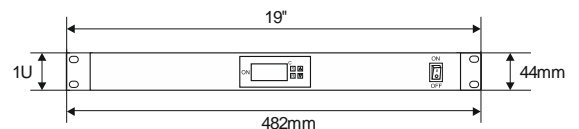
Edition: 1 from 15.06.2016
Supersedes the edition: -----

1. Application:

Panel of four fans with integrated digital thermostat in a RACK 19" enclosure with a 1U height. Forces air circulation between active devices generating heat inside RACK cabinets. It is fitted with a detachable temperature sensor with a 2m length and with a 230VAC detachable power cord with a 2m length.

2. Technical parameters

Power supply	230 VAC / 50Hz
Current consumption	0,32A
Power consumption	76W
Mounting dimensions:	W=19", H=1U
External dimensions :	W=482, H=44, D=314 [mm, +/-2]
Net/gross weight:	4,90 / 5,09 [kg]
Finish:	- steel plate 1.2 mm, color black (RAL 9004) - Four 230VAC fans, air flow: 4 x 50÷110CBM/H - temperature sensor
Application:	Indoor
Notes:	- Four-point butt mounting to RACK profiles - the set includes 4 M6 screws + cage nuts + plastic washer - the panel is fitted with a 230VAC L _Z =2m detachable cord - the panel is fitted with a detachable temperature sensor with a L _T =2m power cord - setting switch ON and OFF temperatures 0°C ÷ +50°C - Digital display of the current temperature - power switch on the front panel
Declarations, warranty	CE, RoHS, 2 years from the production date



3. RAWP-1R mounting:



4. Connection

Connect the temperature sensor to the "**Sensor**" socket located at rear of the unit and plug 230VAC power cord into the "**Power**" socket. Turn the device using the power switch located on the front panel. After switching on the device, the current temperature measured by the sensor will be displayed.



5. Checking the preset operating parameters:

After pressing the [**^**] fan activation temperature will be displayed.
After pressing the [**^**] button fan shutdown temperature will be displayed.
After pressing the [**Set**] button, F4=0 will be displayed
After pressing the [**Set**] button, the alarm temperature will be displayed
During fan operation, the **Cool** LED is on.

6. Setting the operation parameters:

Press and hold the [**Set**] button for 3 seconds, the unit will enter the programming mode. The **Set** LED will light up and one of the **F1 ÷ F6** programs will be displayed; use [**^**] or [**v**] buttons to select the desired program number.
After pressing the [**Set**] button, the set value will be displayed.
To change the program values, press and hold the [**Set**] button and use [**^**] and [**v**] buttons to set the desired value. Press [**Rst**] to save and exit.

Caution - disconnect the 230V power supply using the power switch each time after exiting the programming mode

Available programs:

F1 – program to set the fan activation temperature

F2 – program to set the fan shutdown temperature

F3 – program for adjusting the temperature sensor

F4 – turn off - set to „0”

F5 – program for setting an acoustic indication – exceeding the preset **F1 and F2** temperatures by a predefined **F5** value (F5=0 – no alarm)

F6 – program to set the fan activation temperature



Program	Function	Range	Units
F1	Fan activation temperature	F2 ÷ +50	°C
F2	Fan shutdown temperature	-40 ÷ F1	°C
F3	Calibration of the temperature sensor	-5 ÷ +5	°C
F4	Turn off - - set to "0"	-	-
F5	Alarm - exceeding the preset F1 and F2 temperatures	0 ÷ 50 („0" alarm off)	°C
F6	Delay of alarm activation after exceeding the preset temperature	0 ÷ 99	min

7. Errors:

When the display shows:

E1 – accompanied by acoustic indication – memory error

E2 – accompanied by acoustic indication – temperature sensor error

HH – exceeding the operating temperature of the controller

WARRANTY

Pulsar (manufacturer) grants a two-year quality warranty for the equipment, starting from the production date.

PRODUCENT

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