USER MANUAL

EX.14718

EXTRALINK 19" RACK MOUNT FAN PANEL (4 FANS)

HW. rev. 2.2

1. Description:

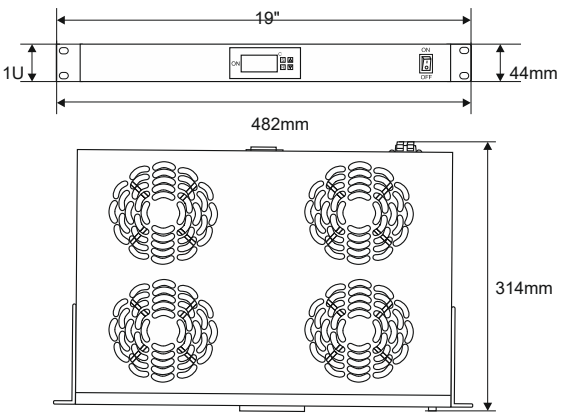
A panel of four fans integrated with a digital thermostat in a RACK 19 ”1U high casing.

Forces air circulation between active heat-generating devices inside RACK cabinets.

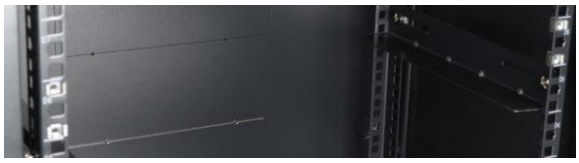
It is equipped with a temperature sensor and a 2m 230VAC detachable power cable.

2. Technical specification

Input voltage	230 VAC / 50Hz
Current	0,32A
Power	76W
Mount. dimmensions:	W=19", H=1U
External dimensions:	W=482, H=44, D=314 [mm, +/-2]
Wieght:	4,90[kg]
Elements:	- steel 1,2mm color RAL9004 - 4 vents 230VAC - temp sensor
Environment type:	indoor



3. Installation:



4. Connection

Connect plug the 230VAC power cord into the Power socket.
Turn on the device using the power switch on its front.
After switching the device on, the display will show the current temperature measured by the sensor.

5. Indicator description

WORK indicator: means the output load is in working status; Normally on means work ;
flash means delay ; Off means not work.
SET indicator: means set status, Normally on means work; Off means not work

6. Operational instruction

In normal working status, press SET, display the current temperature value, use UP or DOWN button to adjust the ideal temperature you want. Tips: press on UP or DOWN can enter into rapid adjustment. After adjustment, press SET to return to normal working status, or without any operation for 15 seconds, the controller will return to normal working status and save the Adjustments.

In normal working status, press on SET for 3 seconds, set indicator is on, and enter into maintain menu. When display HC, use UP or DOWN button to adjust the mode you want. Tips: press on UP or DOWN can enter into rapid adjustment. After adjustment, press SET to the next parameter, use the same method to set the rest parameters. When finishing, press on SET for 3 seconds or without any operation for 15 seconds, the controller will return to normal working status and save the adjustments.

In the off status, press POWER button to switch on; in the on status, press POWER button 5 seconds to switch off the controller

7. Menu

Code	Function	Setting Range	Default	Unit
HC	mode	C: cool H: heat	C	/
d	differential	1～15	3	C
LS	low temp.	-40～setting temp.	-40	C
HS	high temp.	setting temp.～99	99	C
CA	calibration	-5～5	0	C
Pt	delay time	0～15	3	Min.

8. Function description

When there is difference between the measuring temp. and the standard temp., this function can keep the measuring temp. same as the standard temp.
Temp. after calibration =Temp. before calibration.+adjusted value

In cool mode:
A. Cooling systems works in below situation:
The measuring temperature ≥ the set temperature + the temperature differential
B. Cooling systems stop working in below situation:
The measuring temperature ≤ the set temperature

In heat mode:
A. Heating systems works in below situation:
The measuring temperature ≤ the set temperature - the temperature difference;
B. Heating systems stop working in below situation:
The measuring temperature ≥ the set temperature

Delay time:
When power on for the first time, if The measuring temperature ≥ the set temperature + the temperature differential or The measuring temperature ≤ the set temperature - the temperature difference, the output will not be activated immediately, and will be activated after the delay time.
If the time period between the previous stop and this starts is longer than the delay time, theoutput will be activated immediately; if it is shorter than the delay time, the output will be activated after the delay time. The delay time is calculated from the previous output stop

High and low temperature limit:

HS and LS can set the high and low limit of the setting temperature:

For example: HS is +15, LS is -10, the temperature only can be set between -10~+15℃;so if you want to set a value beyond this range, please reset the HS and LS firstly

Sensor error alarm

When the controller is in power on status,if sensor open circuit, LED flash and display " _ _",if sensor short circuit, display "HH". When in sensor error status, the output load will run as the cycle: stop 15 minutes, then work 15 minutes

Over temperature alarm:

When the sensor temperature ＞ 99℃， display HH； When the sensor temperature ＜ -40℃， display LL.