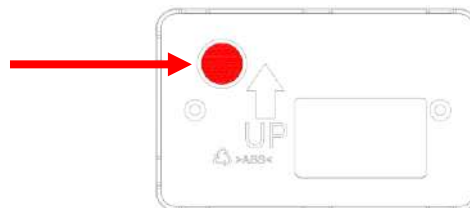# NovingAir AKTIV / WIRELESS fali vezerlőpanel használati / telepítési útmutató

External control panel for MODEL REMOTE
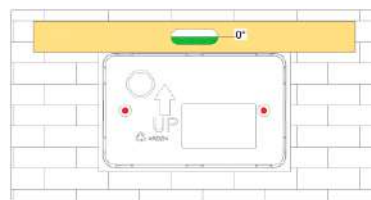**100mm & 160mm**
English
Mounting and operation

INSTALLATION

Strictly follow the safety instructions provided with the product.
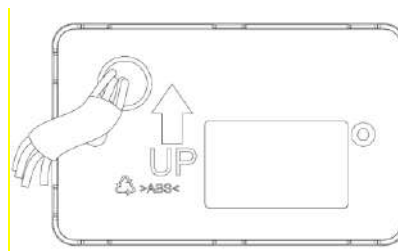
1) Be aware that this control panel must be placed with the marked area at the place where power cable exit from wall.
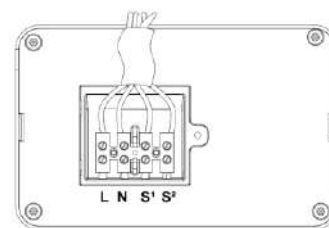
2) Place the wall mounting part in the area intended for the installation of the device.
Mark the center of the fixing holes, making sure that position is correct.
Drill the wall and insert the expansion plugs for screws (min. dimension 5mm).
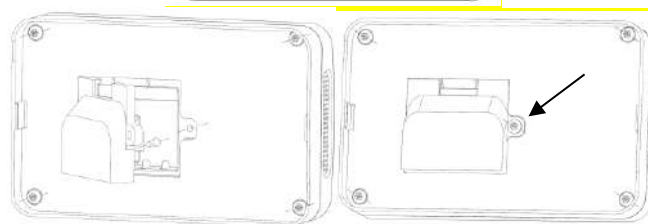
3) Pull the power cable through the circular area previously marked.
Fix the device on the wall with two screws.
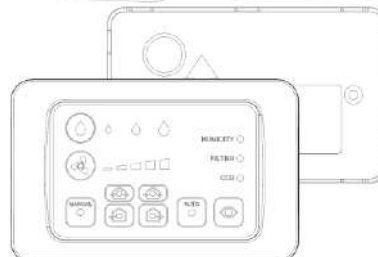Cover the wires coming from mains using the sheaths provided inside the box.

4) Connect wires to the terminal box, taking care of the proper position and function; make sure that fixing with terminal box is strong.
Power cord to 'L' neutral to 'N'. The cords from C1 and C2 on the MASTER unit is connected to S1 and S2.

5) Fix the cable cover to the back part of the remote panel, taking care that wires pass through the slot, and tight the cover with the screw.

6) Lock the remote panel to the wall mounting, paying attention to keep the excess wires in the duct inside the wall.

The supply power must be incorporated with a mean for disconnection having a contact separation in all poles that provide full disconnection under overvoltage category III conditions.

The remote panel runs in surveillance mode every time it is turned on. - Fuse ratings: 250V 0.125 A

COMMAND LIST

S - Surveillance function

A - Automatic mode

V - Speed selection

H - Humidity limit selection

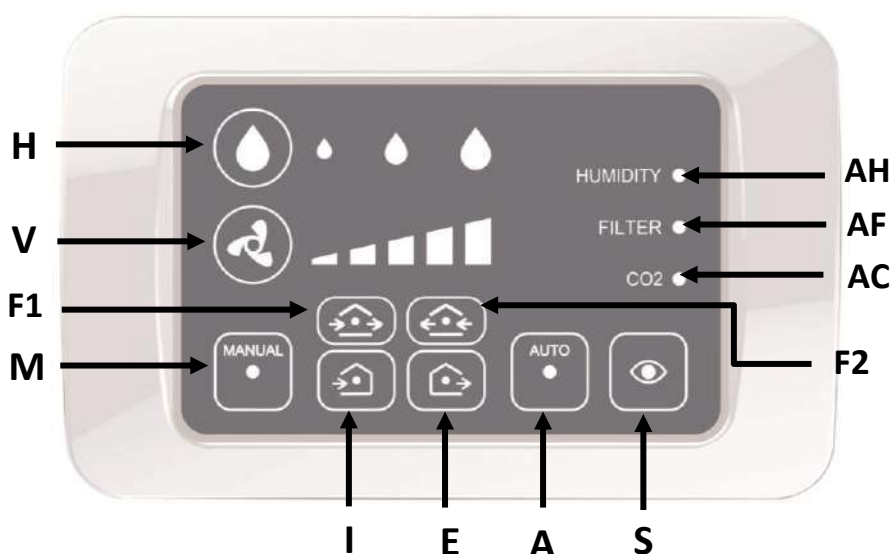**F** - Air flow direction

I - Intake air function

E - Extract air function

M - Manual mode

AH - Humidity alarm: threshold exceeded   **AF** - Filters cleaning   **AC** - CO2 alarm: Not included

The remote panel is designed to work with a temperature under 50°C.

COMMANDS INSTRUCTION

Attention: The remote control, supplied with the control panel, is equipped only to reset the products as shown in the specific paragraph. The remote control will be disabled once the configuration of the remote panel is done.
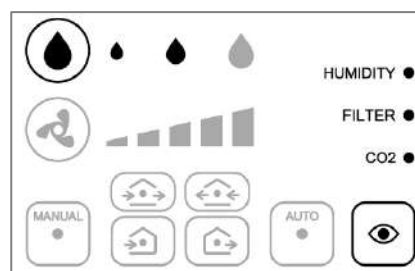
Attention: The humidity, CO2 and light sensor probes are placed inside the remote panel, the control of these parameters is effectuated by the control panel, and not by the ventilation unit.

S – Surveillance function (sleep mode)

By pressing the button "SURVEILLANCE" the product remains in sleep mode with the damper closed, but with the sensors activated. In case of humidity level exceed the set value, the product automatically runs in extraction mode at the maximum speed until the values are reset, then the unit returns in sleep mode. In case of more units, all the products automatically activate the SURVEILLANCE function. This function is very useful in case of long absence.

Light signal on activation of the function

LED	Time
S – H – H1 – H2	10 seconds
AH	pulse
AF	pulse
AC	pulse

When the LED light pulse stops, the remote panel goes in ENERGY SAVING mode. During this function, by pressing any button the product shows the current running function. Press twice on the disired button to change the operating mode.

A – Automatic mode

By using the Automatic mode, the product runs 70 seconds in extraction and 70 seconds intake at the medium speed.

By pressing the button "AUTO", the product performs routing check of the active sensors (night function and humidistat), in case values are over the set parameters, the product extracts air from the environment at the maximum speed until restoring the threshold value. In case of more units, all the products automatically activate the AUTOMATIC mode. The product is equipped with twilight sensor (night function). On the decrease of the intensity of the light, the product reduces the speed in order to minimize the sound of the airflow.

Light signal on activation of the function

LED	Time
A – H – H1 – H2 – V – V1 – V2	10 seconds

When the LED light pulse stops, the remote panel goes in ENERGY SAVING mode. During this function, by pressing any button the product shows the current running function. Press twice on the disired button to change the operating mode.

M – Manual mode

Press the button "MANUAL" to activate commands "V", "H", "I", "E", "F1" and "F2". If none of these commands is selected within 10 seconds, the product keeps working in previously set mode. At each command sent to the remote panel there is 10 seconds to make the selection.

Attention: In manual mode the sensors are not activated.

Light signal on activation of the function

LED	Time
H – H1 – H2 – V – V1 – V2	10 seconds

When the LED light pulse stops, the remote panel goes in ENERGY SAVING mode. During this function, by pressing any button the product shows the current running function. Press twice on the disired button to change the operating mode.
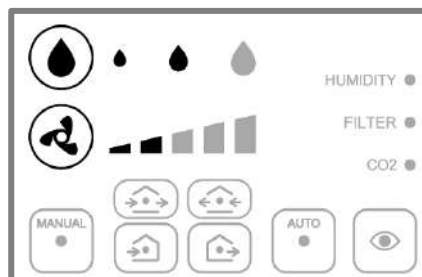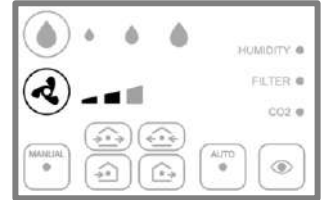
V – Speed selection

Activate manual commands by pressing the "MANUAL" button
By pressing the command "SPEED SELECTION" the product allows to define the desired speed level keeping the function of 70 seconds in extraction and 70 seconds intake. In case of more units, all the products automatically run at the selected speed.

Attention: In manual mode the sensors are not activated.

Light signal on activation of the function

LED	Time
V – V1 – V2 – V3 – V4 – V5 (depending on the settings)	10 seconds

When the LED light pulse stops, the remote panel goes in ENERGY SAVING mode. During this function, by pressing any button the product shows the current running function. Press twice on the disired button to change the operating mode.
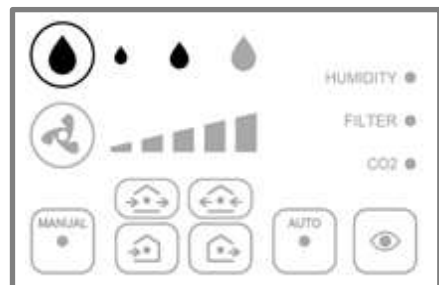
H – Relative humidity limit selection

Activate manual commands by pressing the "MANUAL" button.
It is possible to change the threshold level of the humidistat, pushing "H" button, to adapt the value to the type of the environment in which is installed. Once the humidity value set is overtaken, the product continuously extracts air at the maximum speed until the humidity level returns below the pre-set value. In case of more units, all the products automatically run in extraction until the restoration of the threshold value.

Attention: During the first powering, the product performs the auto calibration of the humidistat. It is possible that during this step the product runs in "EXTRACTION" mode to bring the humidity of the environment at the necessary level for the auto calibration.

Light signal on activation of the function

LED	Time
H – H1 – H2 – H3 (depending on the settings)	10 seconds

When the LED light pulse stops, the remote panel goes in ENERGY SAVING mode. During this function, by pressing any button the product shows the current running function. Press twice on the disired button to change the operating mode.

F – Air flow direction (available if at least 2 units are connected)

Activate manual commands by pressing the "MANUAL" button.
Keep in mind that on the panel, the left arrow represents the master unit (and slave with same function of master), while the right arrow represents the slave units.
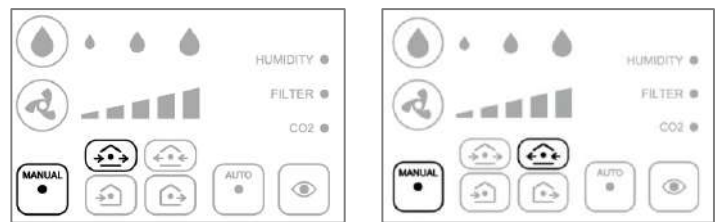To activate the "Air flow direction F1" press the "I" button.

To activate the "Air flow direction ARIA F2" press the "E" button.
By using this function, the products generate a continuous air flow in the dicrection indicated by the arrows on the panel, keeping the environment always balanced.

Attention: Sensors are not activated in this function

Light signal on activation of the function

LED	Time
M – F1	10 seconds
(direction F1)	
M – F2	10 seconds
(direction F2)	

When the LED light pulse stops, the remote panel goes in ENERGY SAVING mode. During this function, by pressing any button the product shows the current running function. Press twice on the disired button to change the operating mode.

I – Air intake function

Activate manual commands by pressing the "MANUAL" button.
Press the button "AIR INTAKE FUNCTION" twice and consequently the units intakes air. In case of more units, all the units supply air simultaneously until new command by the user.

Attention: Sensors are not activated in this function

Light signal on activation of the function

LED	Time
M – I	10 seconds

When the LED light pulse stops, the remote panel goes in ENERGY SAVING mode. During this function, by pressing any button the product shows the current running function. Press twice on the disired button to change the operating mode.

E – Air extraction function

Activate manual commands by pressing the "MANUAL" button.
Press the button "AIR EXTRACTION FUNCTION" twice and consequently the units intakes air. In case of more units, all the units extract air simultaneously until new command by the user.

Attention: Sensors are not activated in this function

Light signal on activation of the function

LED	Time
M – E	10 seconds

AH – ALARM: Exceeded humidity threshold set

During "Automatic mode" or during "Surveillance function" the product performs a rutine check of the relative humidity of the environment and, as previously specified, once the set value is overtaken, the product extracts air to reset the humidity value in the environment. The indicator light "HUMIDITY ALARM" remains steady until the reset of the value.

Light signal on activation of the function

LED	Time
AH	Until the reset of the value

AC – ALARM: Exceeded CO2 level

This function is not available in this model.

FILTER ALARM RESET

AF – ALARM: Filter cleaning

Every 2000 working hours, the device stops running and red light "FILTER" remains steady until the reset of hours counter.

Light signal alarm

LED	Time
AF	Until reset by the user as shown in the procedure below

Proceed with filter cleaning and reinstall the unit, according to instructions.
To reset the hours counter of the device, press the "H" button 6 times consequently

'H-H-H-H-H-H'

REMOTE PANEL RESET

In this paragraph it is shown the procedure to reset the remote panel in order to bring it back to factory configuration.

Every turning on of the remote panel (exept of the first), the led (AC) remains steady for 10 seconds, If you press 5 times on the (S) button

'S-S-S-S-S'

within this time, this led remains steady until you disconnect the remote panel from the power supply.
At this point the remote panel id reset and it is necessary to configure it again.

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