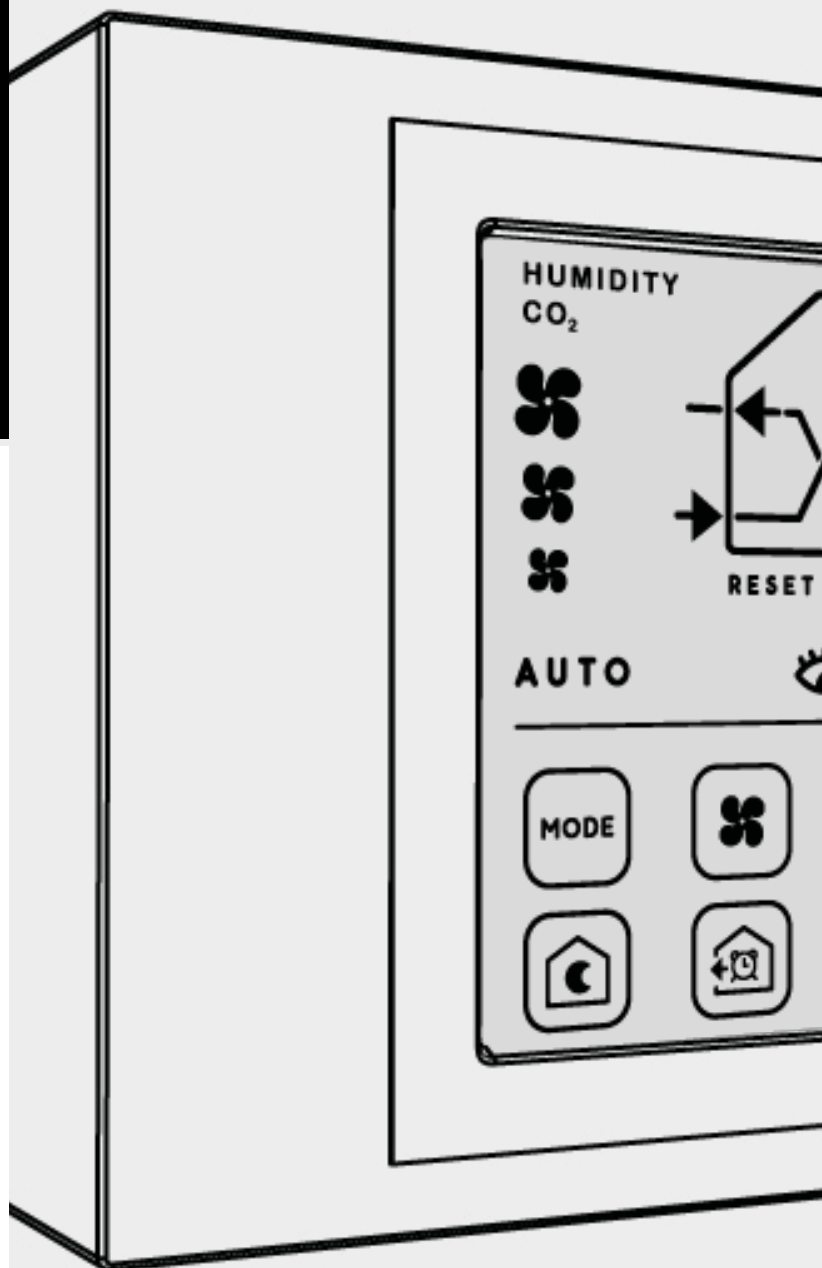
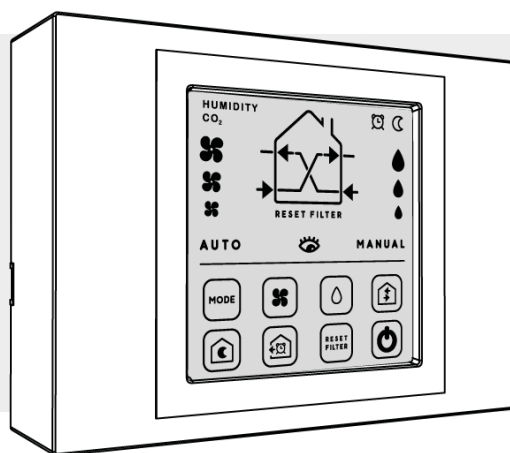


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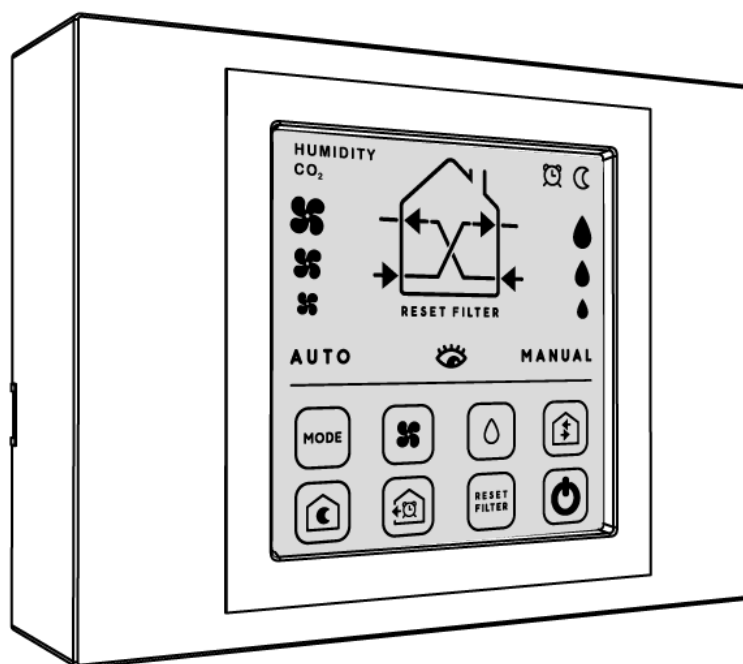
Designing wellness

Remote Master Panel

Installation, operation and
maintenance manual.



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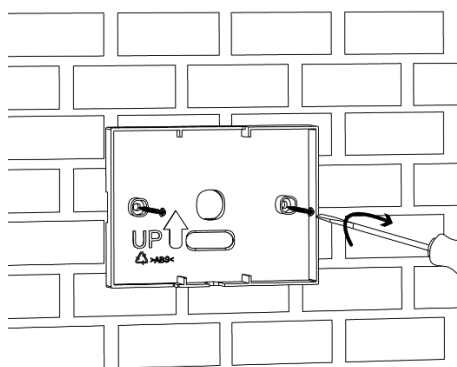


INTRODUCTION - GENERAL WARNINGS

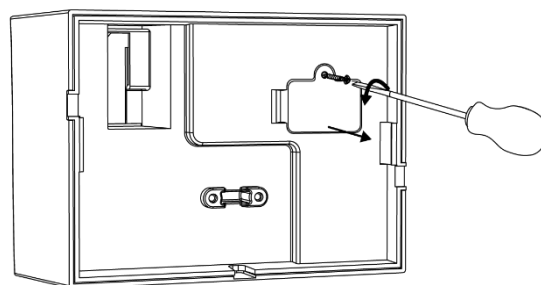
Only qualified personnel should install this product. Before proceeding with installation, carefully read the warnings in the fan unit manual.

INSTALLATION - PRODUCT ASSEMBLY

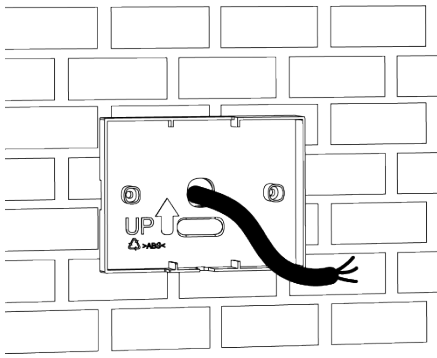
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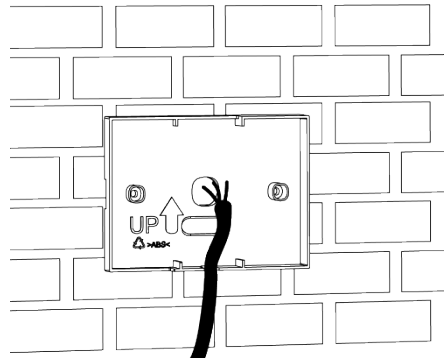
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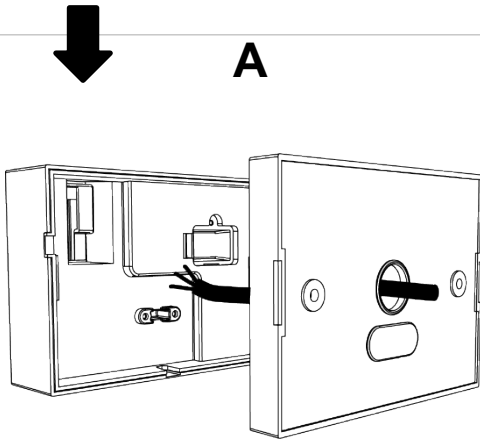
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A

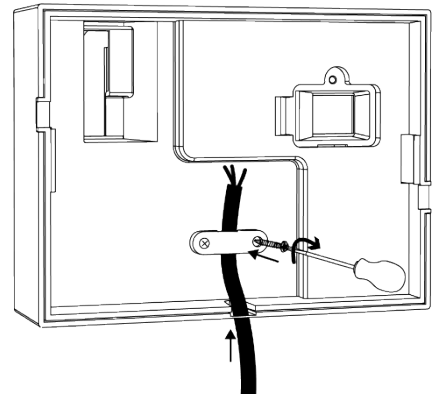
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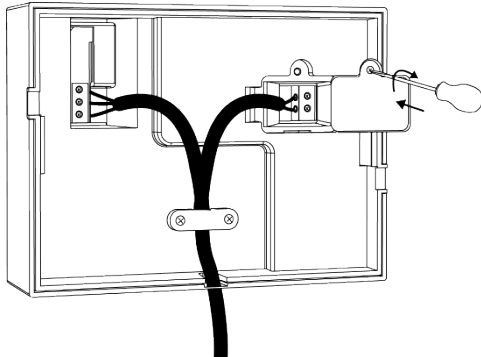
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A

4

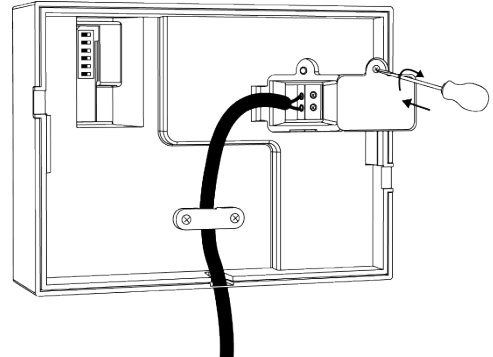
B

5

DUO

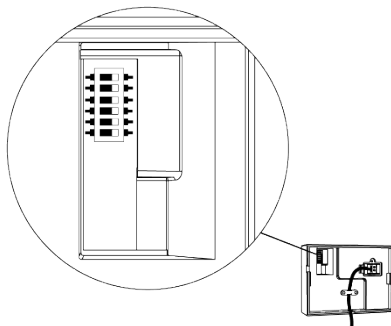
See section "ELECTRICAL CONNECTIONS."

6

WIRELESS

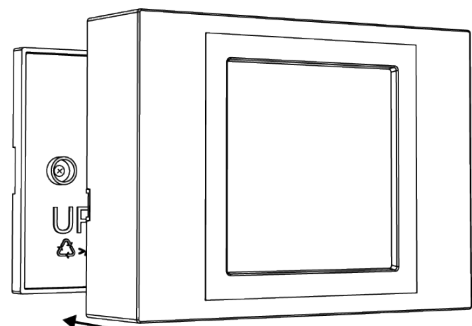
See section "ELECTRICAL CONNECTIONS."

7

WIRELESS

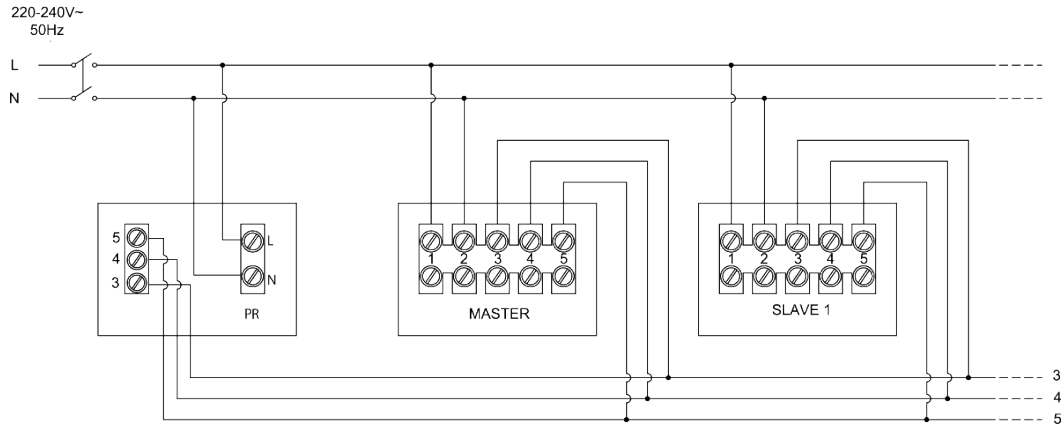
See section "CONFIGURATION"

8

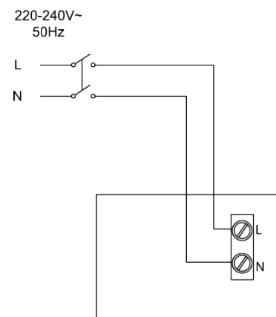


INSTALLATION - ELECTRICAL CONNECTIONS

DUO

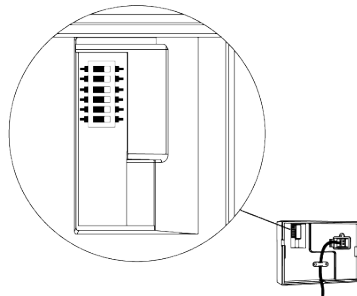


WIRELESS



INSTALLATION - CONFIGURATION

WIRELESS



In the Wireless model, it is necessary to create unique coding for each plant so that products communicate only with each other and not with adjacent plants.

Shown above are the 6 0/1 dip switches that are used to create the unique network coding of the wireless system.

Make sure that the remote panel coding is the same for all Wireless units in the system.

KEY GLOSSARY



S	Unlock key
V	Manual speed selection
H	Relative humidity threshold selection
M	Main mode selection
N	Night mode selection
B	Timed ejection mode selection
F	Airflow mode selection
R	Reset filter alarm

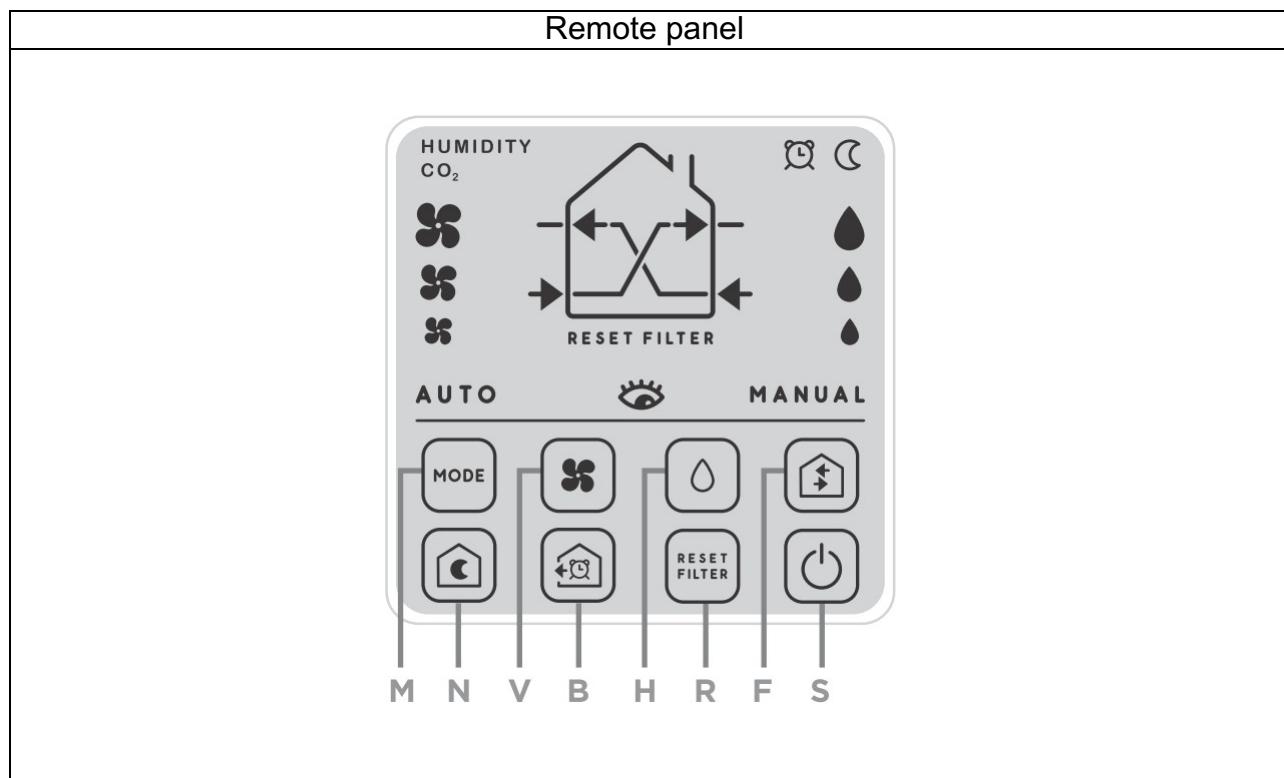
INSTRUCTIONS FOR USE

To select one of the functions, press the appropriate button.

To unlock the keys and view the operating modes you will need to press the (S) key located on the display.

Please refer to the "INSTALLATION, USE AND MAINTENANCE MANUAL" of the A30/A60-FLAT fan unit DUO or WIRELESS version for explanation of all operation modes.

KEY GLOSSARY



WARNING: The remote panel enters stand-by after 60sec of inactivity, in which case you will need to press the UNLOCK (S) button to display the state the machine is in and to re-enable the keys.

WARNING: If the product is part of a system with more than one machine communicating with each other, remember that commands will be received only and exclusively by the MASTER unit, which will then manage all SLAVE units.

AUDIO-VISUAL ALERTS

- Receive Command: when the fan unit correctly receives a command it will emit a BIP and the white LED will flash once.
- Surveillance Mode: when the product is in surveillance mode, the red LED will flash every 60sec.
- Humidity Alarm*: when the fan unit goes into humidity alarm during the daytime, the red LED will light steadily.
- Filter Alarm: when the fan unit goes into filter alarm, the red LED will flash every second.

* In case it has a remote panel, the Humidity and CO₂ alarm (CO₂ version only) are shown only on the dedicated display.

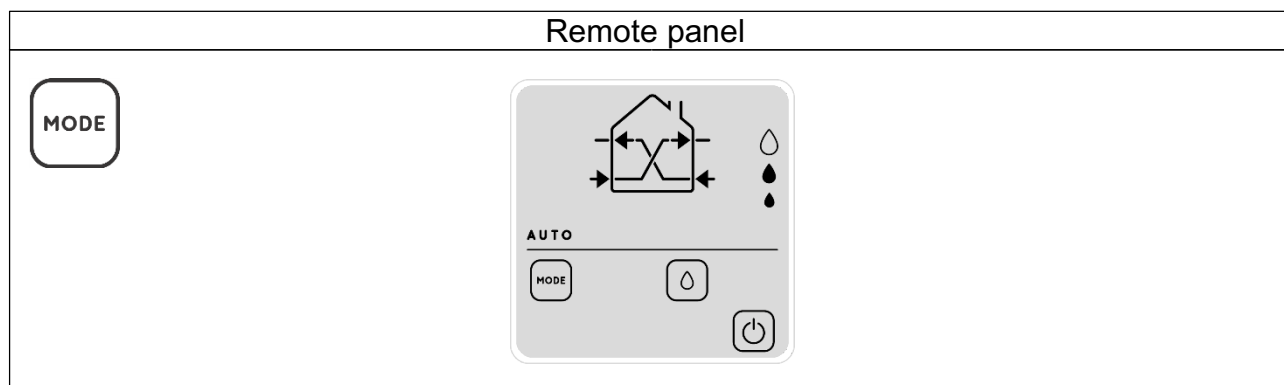
WARNING: When first turned on and each time the product goes from a stand-by or off state to being turned on, the overhead damper will take about 40 seconds to open.

NOTE: When the words "heat recovery operation" will be used, it means that the machines operate cyclically 70sec in extraction and 70sec in supply with the damper open.

AUTOMATIC MODE

To enter this mode you have to press the MODE (M) button repeatedly until the screen shown below will be displayed, each time the MODE button is pressed the mode will be changed with this logic (AUTO, SURVEILLANCE, MANUAL, AUTO, SURVEILLANCE, ...)

In this mode, the HUMIDITY (H) key is active to choose the desired threshold.



In this mode both the humidity sensor and the twilight sensor are active, the units then self-manage without the need to give further commands.

Listed below are the various conditions in which the machines can be found with their mode of operation:

Under normal humidity (or CO₂*) conditions in the daytime, the machines run at the average speed in heat recovery.

Under normal humidity (or CO₂*) conditions at night, the machines run at night speed in heat recovery.

Under humidity (or CO₂*) alarm condition in daytime, the machines run at the average speed in expulsion with the red LED on.

Under humidity (or CO₂*) alarm condition at night, the machines run at night speed in expulsion.

The units go into humidity alarm when the MASTER unit detects ambient humidity above the set threshold among the 3 available (40%, 60%, 90%).

* Ambient CO₂ is detected only if you have a remote panel with a built-in CO₂ probe.

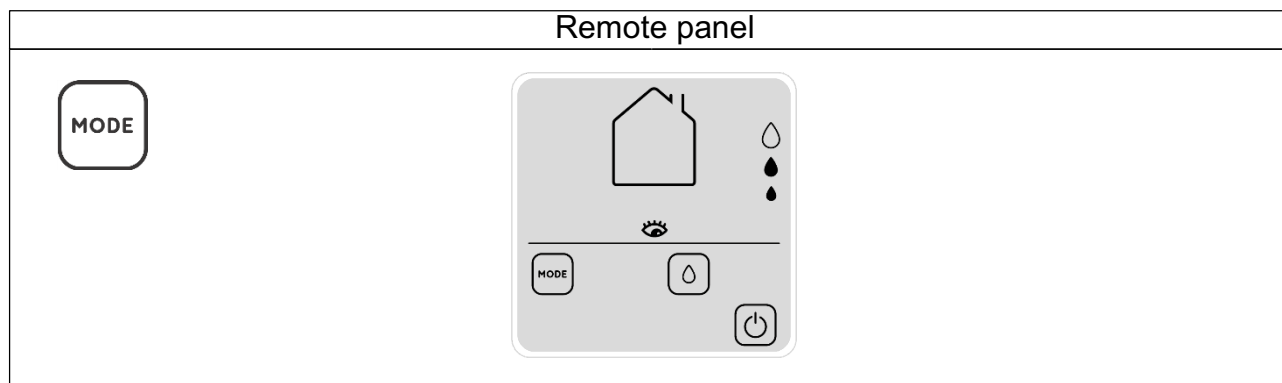
Usage advice

Recommended mode in normal use of the product because once the humidity level is set, the system will self-manage without the need for any kind of intervention.

SURVEILLANCE MODE

To enter this mode you have to press the MODE (M) button repeatedly until the screen shown below will be displayed, each time the MODE button is pressed the mode will be changed with this logic (AUTO, SURVEILLANCE, MANUAL, AUTO, SURVEILLANCE, ...)

In this mode, the HUMIDITY (H) key is active to choose the desired threshold.



In this mode both the humidity sensor and the twilight sensor are active, the units will normally be at rest with the damper closed and the sensors active, so that when the humidity exceeds the set threshold they will start to eject.

Listed below are the various conditions in which the machines can be found with their mode of operation:

Under normal humidity (or CO₂*) conditions, the machines are at rest with the damper closed and the sensors active.

Under humidity (or CO₂*) alarm condition in daytime, the machines run at the average speed in expulsion with the red LED on.

Under humidity (or CO₂*) alarm condition at night, the machines run at night speed in expulsion.

The units go into humidity alarm when the MASTER unit detects ambient humidity above the set threshold among the 3 available (40%, 60%, 90%).

* Ambient CO₂ is detected only if you have a remote panel with a built-in CO₂ probe.

Usage advice

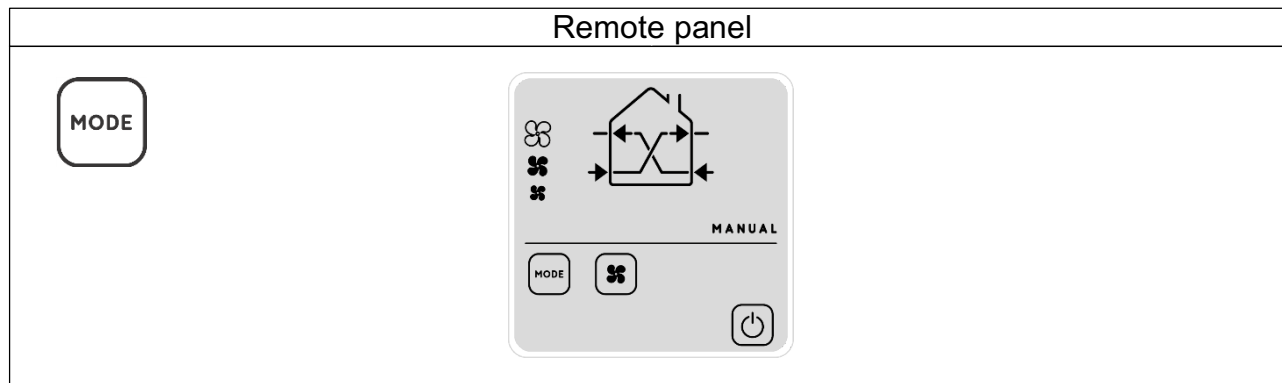
Recommended mode in cases where it is not necessary to have heat recovery, but it is necessary to have proper air exchange in the presence of humidity (or CO₂).

The typical use is in vacation homes where in the months when it is not inhabited it is not necessary to have heat recovery but only correct air exchange so as to avoid the problems associated with stagnant air inside the rooms.

MANUAL MODE

To enter this mode you have to press the MODE (M) button repeatedly until the screen shown below will be displayed, each time the MODE button is pressed the mode will be changed with this logic (AUTO, SURVEILLANCE, MANUAL, AUTO, SURVEILLANCE,...)

In this mode, the FAN (V) button is active to choose the desired speed.



In this mode the sensors are deactivated and the units will always go into heat recovery mode.

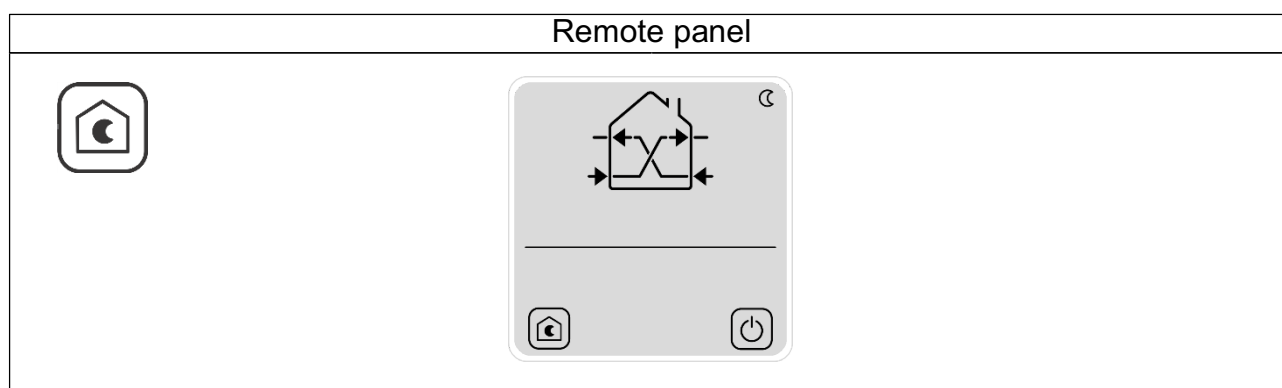
The user can decide at what speed to run the units, which will always go in this condition until a different command is given manually.

Usage tips

Recommended mode in cases where you want to keep the product in heat recovery mode regardless of humidity levels or you want to set a fixed speed to the products.

NIGHT MODE

To enter this mode, you must press the NIGHT (N) key, which will cause the screen shown below to appear.



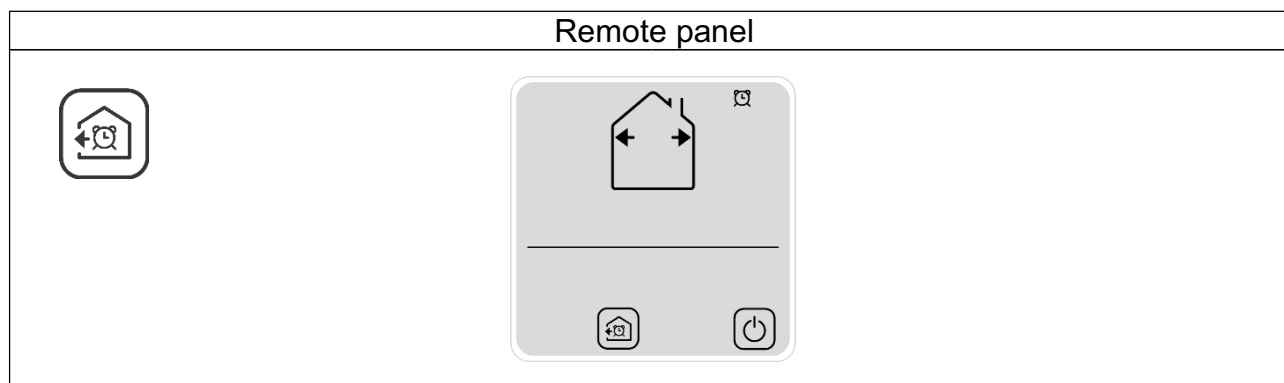
In this mode, all units will run at night speed in heat recovery until another command is entered.

Usage tips

This mode is recommended in cases where the outdoor environment is very quiet and even the minimum speed of the product is felt.

TIMED EJECTION MODE

To enter this mode you must press the TIMER button (B) which will cause the screen shown below to appear.



Pressing this button in any of the modes will cause all products to start ejecting at maximum speed for 20 minutes, at the end of the cycle they will return to the previously set mode.

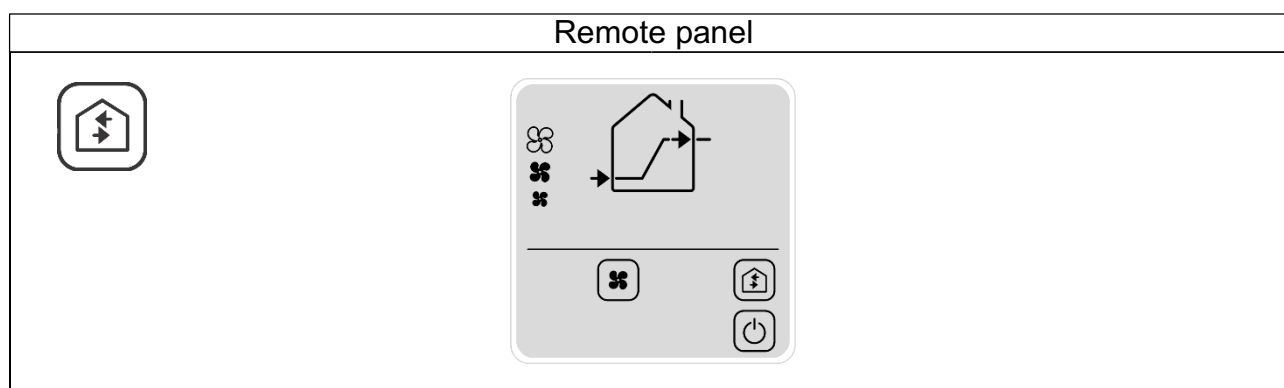
Usage tips

This mode is recommended for extracting unhealthy air or air with strong odors quickly without having to reprogram the machines later.

MASTER-SLAVE AIRFLOW MODE

To enter this mode, you have to press the FLOW (F) key repeatedly until the screen shown below is displayed, each time the FLOW key is pressed, the mode will be changed with this logic (MASTER-SLAVE FLOW, SLAVE-MASTER FLOW, EXPULSION, IMMITTANCE, MASTER-SLAVE FLOW, ...).

In this mode, the FAN (V) button is active to choose the desired threshold.



In this mode, products create a continuous air flow from MASTER or SLAVE EQUAL TO MASTER units to SLAVE OPPOSITE TO MASTER units excluding heat recovery.

Usage tips

This mode is recommended for isolating odors, for example from the kitchen, in a room by creating a continuous airflow to it.

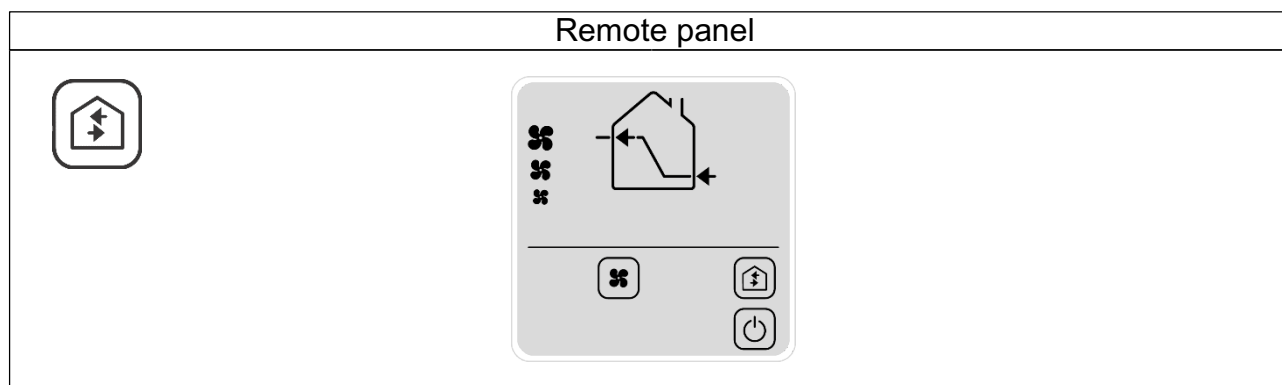
It is also very useful as free-cooling in the summer period, in fact, in summer when the outdoor temperature is lower than the indoor temperature at night, heat recovery is not necessary but it is convenient to feed fresh air directly into the house.

Pressing the relevant button will cause the units to operate steadily in the desired direction with the ability to change the operating speed to suit your needs.

SLAVE-MASTER AIRFLOW MODE.

To enter this mode, you have to press the FLOW (F) key repeatedly until the screen shown below is displayed, each time the FLOW key is pressed the mode will be changed with this logic (MASTER-SLAVE FLOW, SLAVE-MASTER FLOW, EXPULSION, IMMITTANCE, MASTER-SLAVE FLOW, ...).

In this mode, the FAN (V) button is active to choose the desired threshold.



In this mode, products create a continuous air flow from SLAVE units OPPOSITE TO MASTER to MASTER or SLAVE units EQUAL TO MASTER excluding heat recovery.

Usage tips

This mode is recommended for isolating odors, for example from the kitchen, in a room by creating a continuous airflow to it.

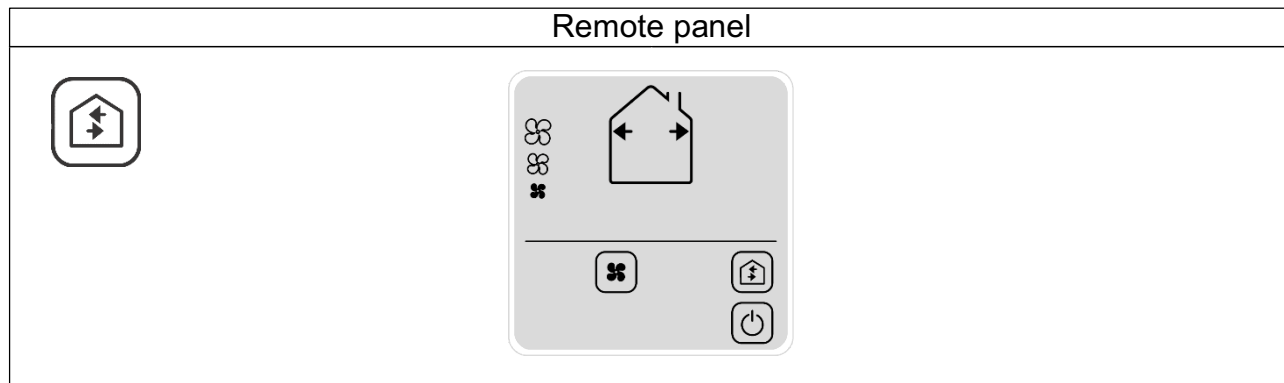
It is also very useful as free-cooling in the summer period, in fact, in summer when the outdoor temperature is lower than the indoor temperature at night, heat recovery is not necessary but it is convenient to feed fresh air directly into the house.

Pressing the relevant button will cause the units to operate steadily in the desired direction with the ability to change the operating speed to suit your needs.

MODE OF EXPULSION

To enter this mode, you have to press the FLOW (F) key repeatedly until the screen shown below is displayed, each time the FLOW key is pressed the mode will be changed with this logic (MASTER-SLAVE FLOW, SLAVE-MASTER FLOW, EXPULSION, IMMITTANCE, MASTER-SLAVE FLOW, ...).

In this mode, the FAN (V) button is active to choose the desired threshold.



Pressing the relevant button will cause all units to run constantly in ejection with the possibility of changing the operating speed to suit your needs.

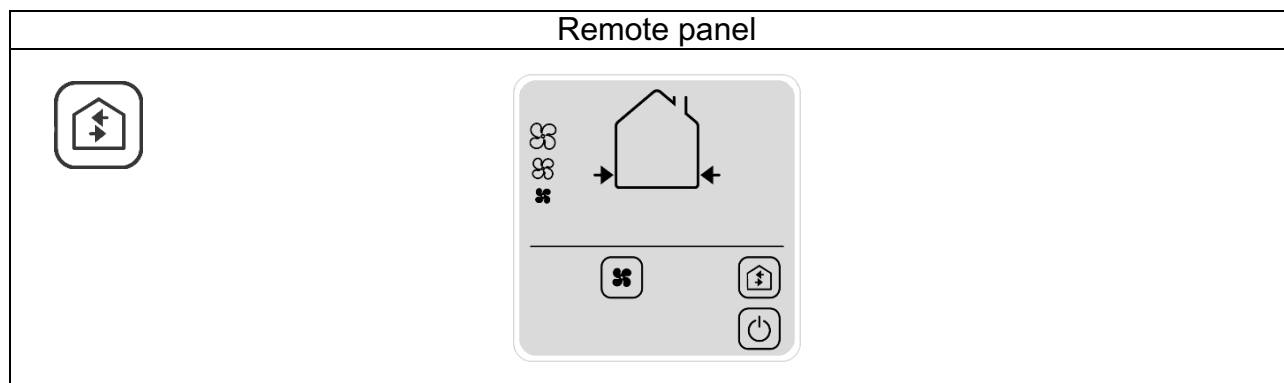
Usage tips

This mode is recommended in cases where there is a need to extract a lot of stale air at the expense of heat recovery, such as when rooms are frequented by many more people than in normal use (parties, celebrations, etc.).

INPUT MODE

To enter this mode, you have to press the FLOW (F) key repeatedly until the screen shown below is displayed, each time the FLOW key is pressed the mode will be changed with this logic (MASTER-SLAVE FLOW, SLAVE-MASTER FLOW, EXPULSION, IMMITTANCE, MASTER-SLAVE FLOW, ...).

In this mode, the FAN key (V) is active to choose the desired threshold.



Pressing the relevant button will cause all units to run constantly in input with the ability to change the speed of operation according to your needs.

Usage tips

This mode is recommended in cases where there is a need to input a lot of fresh air at the expense of heat recovery, such as when rooms are frequented by many more people than in normal use (parties, celebrations, etc.).

FITT VENTILATION SOLUTIONS

This is the business area of the FITT Group that develops professional solutions, manufacturing complete HRV (Heat Recovery Ventilation) and air distribution systems for the air quality of residential environments, for energy saving and the comfort of people.

For more information:

AIRPLAST S.r.l. a sole shareholder company

Head Office: Via Piave, 8 – 36066 Sandrigo (VI), Italy

Warehouse - Production: Via Aldo Moro, 10 – 36060 Pianezze (VI), Italy

Tel: +39 0424 1754519 | airplast.it

Produced by: Sinergia S.r.l. - Via del Commercio 1/A - 23017 Morbegno (SO) - Italy