



AUREN 160 Single-Room Heat Recovery Ventilation Unit with Alternating Flow

INSTALLATION, USE, AND MAINTENANCE MANUAL

Installation, Use, and Maintenance Manual

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Installation, Use, and Maintenance Manual

Precautions

This product is designed and manufactured in compliance with applicable CEE regulations. It is intended to provide air exchange for rooms and similar spaces wherever it is installed. Please follow all instructions to ensure optimal performance, as well as mechanical and electrical reliability. Always retain this instruction leaflet for future reference. Do not use this product for purposes other than those specified by the manufacturer.

Installation and Use Instructions:

1. Unpacking and Inspection:

- a. Remove all packaging and ensure the appliance is undamaged.
- b. Verify that your electrical voltage and frequency match the specifications on the fan's rating label.
- c. Install the fan so that the blades are at least 2.3 metres above the floor.

2. Intended Use:

This appliance is designed solely for air replacement in domestic or similar environments. Do not use it for any other purpose unless explicitly stated by the manufacturer.

3. Safety Precautions:

- a. Do not operate the appliance in the presence of flammable vapours (e.g., alcohol, petrol).
- b. Before performing any cleaning or maintenance, disconnect the appliance from the mains power supply using a double-pole switch or by unplugging it.
- c. Maintenance requiring disassembly must only be carried out by a qualified professional.

4. Assembly:

- a. Ensure the product is fully assembled before operating.

5. Maintenance:

- a. Clean the impeller, motor casing, and filter at least once a year—or more frequently in cases of heavy use.
- b. Check that the impeller is not deformed or cracked, rotates freely without oscillation, and is securely attached to the shaft.

6. When Not in Use:

- a. Disconnect the power supply and make any potentially hazardous parts safe, especially to prevent children from playing with the appliance.

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Introduction – Intended Use:

This product is designed to facilitate constant air exchange within a room. It can be installed in residential or public spaces and includes a ceramic heat exchanger. The heat exchanger stores thermal energy during the extraction of warm air from the room and transfers it to incoming cold air from outside.

The product is intended for wall installation. The supplied duct is suitable for walls with a maximum thickness of 500 mm and can be shortened to a minimum of 250 mm. The air being extracted or introduced must not contain flammable or explosive mixtures, chemical vapours, dust, oils, or other harmful substances.

Important Notes on Installation:

1. Installation must only be performed by qualified personnel following the manufacturer's instructions. Incorrect installation may cause harm to people, animals, or property, for which the manufacturer cannot be held liable.
2. The fan is a fixed appliance. The power supply must be connected via a flexible cable with a plug or a unipolar switch with a minimum contact opening of 3 mm.
3. When installing the fan in a room with a combustion heater, ensure adequate air supply for both appliances. This is necessary for the heater's efficiency and the fan's proper operation. The fan must discharge into a single flue pipe or directly outdoors.
4. This appliance can be used by children aged 8 years and above, as well as by individuals with reduced physical, sensory, or mental capabilities, provided they are supervised or instructed on safe use and understand the associated hazards.
 - a. Children must not play with the appliance.
 - b. Cleaning and maintenance must not be performed by children without supervision.

Installation, Use, and Maintenance Manual

Introduction – Product Overview

A continuously running, low-energy, ultra-quiet, alternate-flow supply and extract fan with heat retention, designed for use in habitable areas such as living rooms, bedrooms, dining rooms, basements, and hallways.

The unit provides effective ventilation while reducing indoor air pollutants and humidity levels, making it ideal for addressing issues associated with condensation dampness, such as mould growth.

A visual breakdown of the unit's key components is provided in Figure 01, which details the structure of the main assembly including the fan motor, filters, and ceramic heat exchanger.

It is recommended that two units be installed as a pair: when one unit is extracting air, the other is supplying air. The pair of units can be installed either in the same room or in different rooms (e.g., a living room and a bedroom). Figure 01 also helps users identify each component's function in relation to airflow and energy efficiency. The unit is suitable for installation on an external wall.

The unit should operate continuously and should only be stopped for maintenance or servicing. When heat exchange is not required (e.g., during mid-seasons when indoor and outdoor temperatures are similar), or when heat exchange is not recommended (e.g., when using the "summer free cooling" option), it is advised to set the unit to "extract-only" or "intake-only" mode rather than switching it off.

- | | |
|-------------------|------------------------------|
| 1. Cover | 5. Filters |
| 2. Shutter | 6. Heat exchanger |
| 3. Main unit | 7. 500mm recessed duct |
| 4. Motor-impeller | 8. External wind cowl grille |

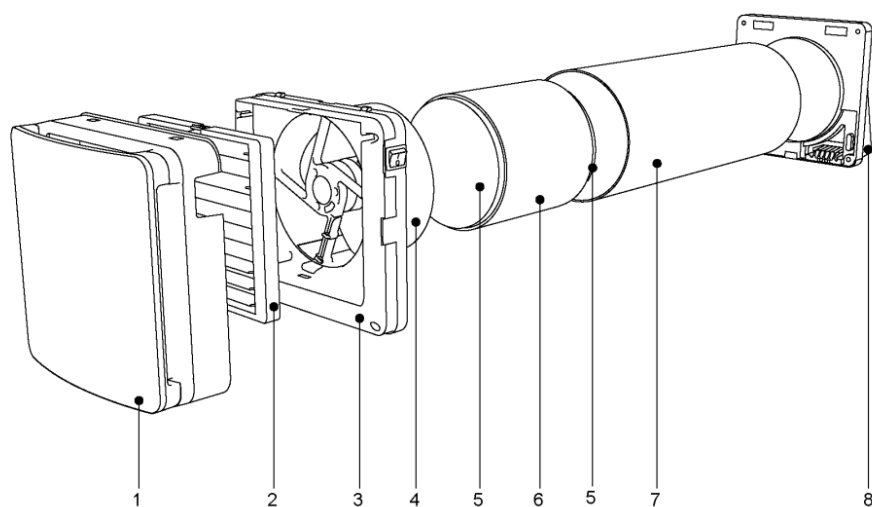


Figure 01

Installation, Use, and Maintenance Manual

Introduction – Technical Data

The heat recovery system is classified as a Class II product with an IPX4 protection rating. It is designed for indoor installations and operates within a temperature range of -30°C to +50°C. The design of the heat recovery system is continuously evolving; therefore, some models may differ from those described in this manual.

To support installation planning, Figure 02 provides detailed dimensions of the unit, including height, width, and depth measurements. This ensures compatibility with wall thickness and mounting locations.

Since product design may vary slightly between models, Figure 02 also serves as a general visual reference for evaluating unit size relative to the space available.

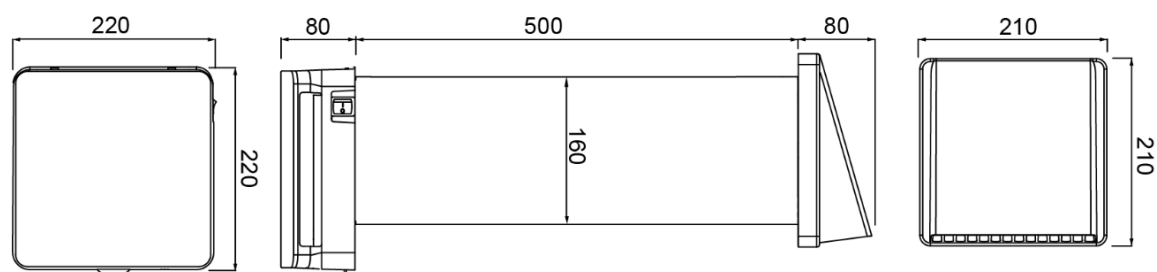


Figure 02

Technical Parameters

Voltage at 50Hz [V]	220-240			
Max efficiency	93%			
Speed	Night	1	2	3
Flow rate [m ³ /h]	10	20	40	60
Flow rate [l/s]	3	5.6	11	16.6
Power [W]	3.9	4.2	5.5	6.7
Noise at 3m dB(A)	4	9	21	29

Installation, Use, and Maintenance Manual

Installation – Introduction

Installation must only be carried out by a properly qualified person. Ensure that the main electrical supply in the installation room is disconnected before starting any electrical operations or assembly. The appliance must not be installed near curtains, drapes, or similar materials, as these could interfere with the proper functioning of the product.

Before drilling or cutting into the wall, refer to Figure 03, which shows the correct insertion hole diameter and the minimum required distance from wall edges to ensure proper airflow and unit stability.

The recommended installation dimensions and angles are illustrated in Figure 04, including guidance on maintaining a height of 2.30 metres from the floor and a suitable width allowance to accommodate the unit.

If wall thickness exceeds the supplied duct length, Figure 05 outlines how the duct can be trimmed to match the required depth. This ensures a snug, secure fit into the prepared opening.

The overall assembly procedure for placing the unit into the prepared wall and securing it properly is summarised in Figure 06, which provides a clear visual reference for the correct installation sequence.

For mounting guidance, Figure 07 shows the location of plate attachments and their recommended placement on the wall surface.

Prior to establishing electrical connections, Figure 08 identifies the designated area within the unit housing for accessing power components.

Basic wiring arrangements are illustrated in Figure 09, which provides a general overview of the electrical connection layout for safe and correct installation.

Once installed, ensure that the fan blades are positioned no less than 2.30 metres above the floor. If installing more than one appliance, maintain a minimum distance of 3 metres between the products.

Before assembling or using this product, carefully read all the instructions in this manual and ensure you have all the necessary materials for the installation.

Follow the instructions in this manual precisely.

Installation, Use, and Maintenance Manual

Installation - Preparation

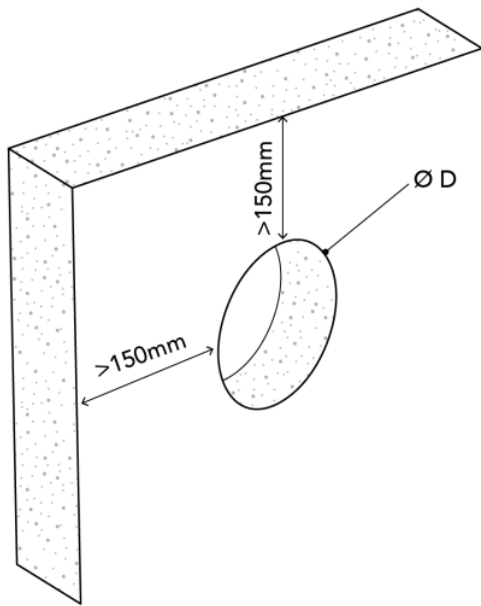


Figure 03

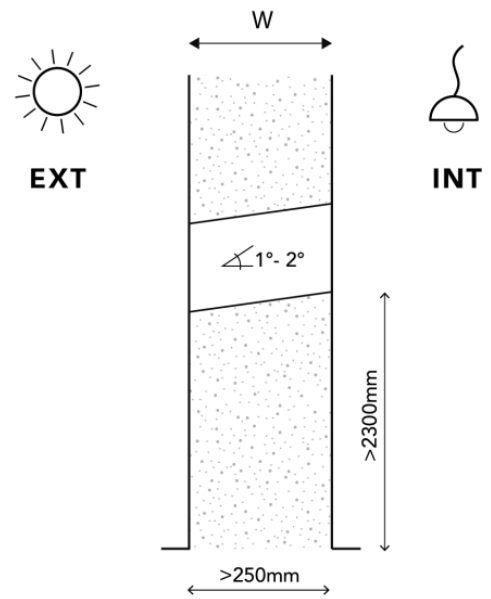


Figure 04

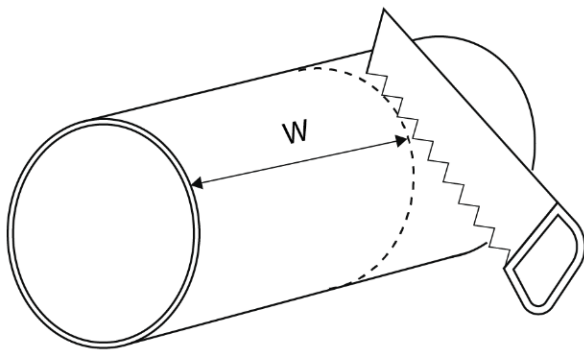


Figure 05

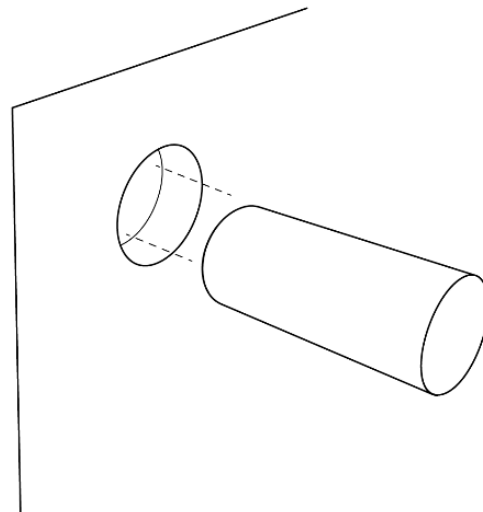


Figure 06

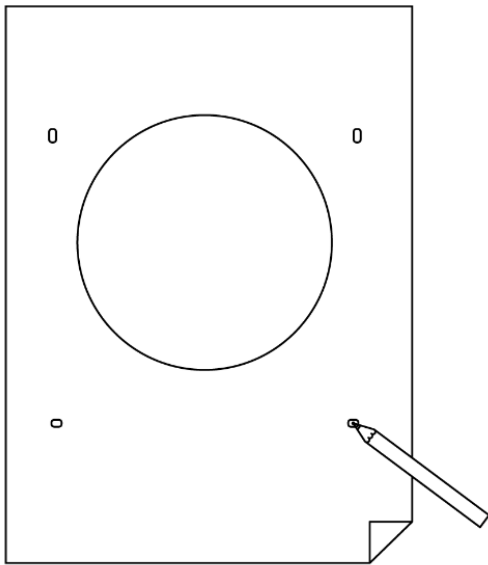


Figure 07

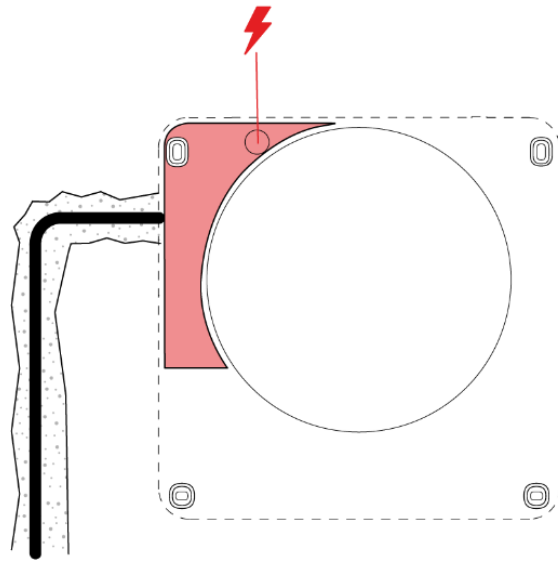


Figure 08

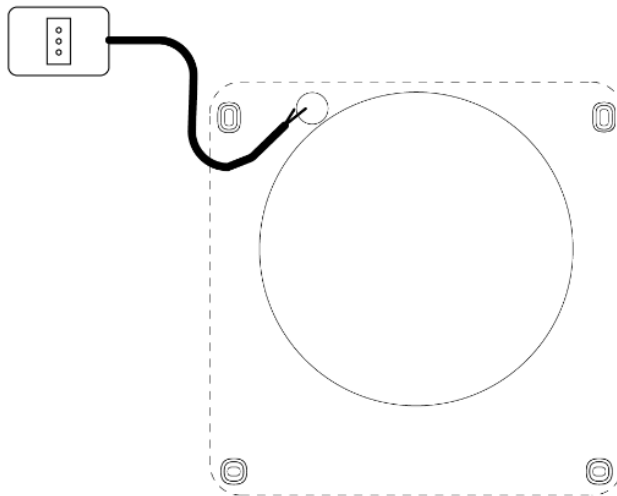


Figure 09

Installation, Use, and Maintenance Manual

Installation – Mounting Fitting

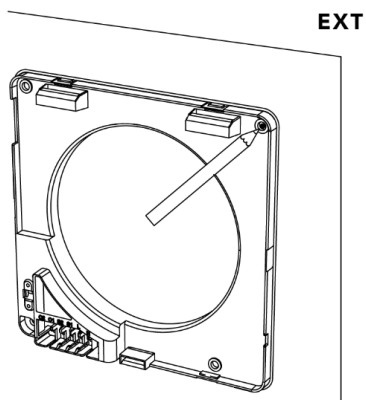


Figure 10

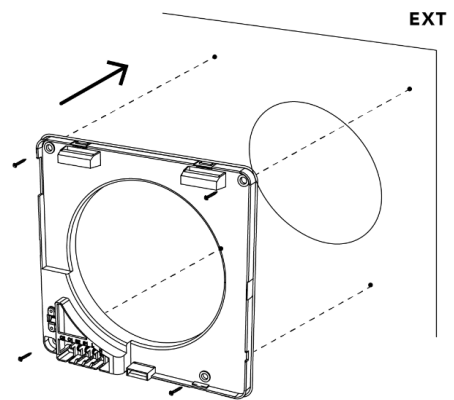


Figure 11

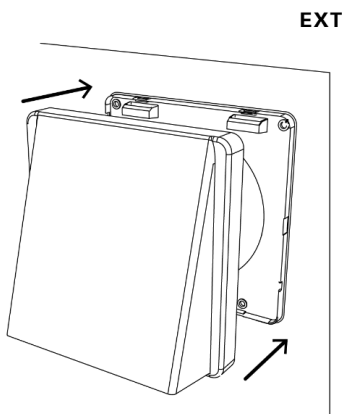


Figure 12

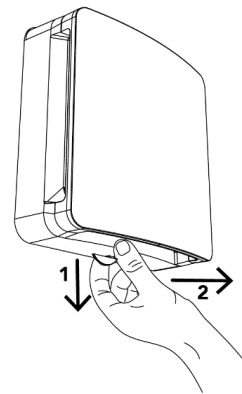


Figure 13

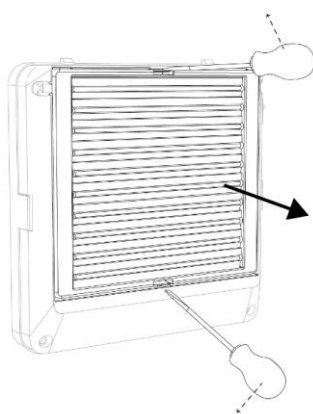


Figure 14

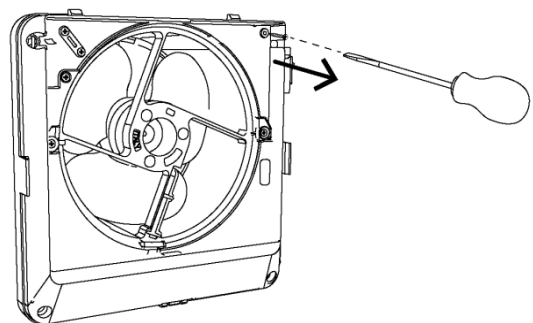


Figure 15

Installation, Use, and Maintenance Manual

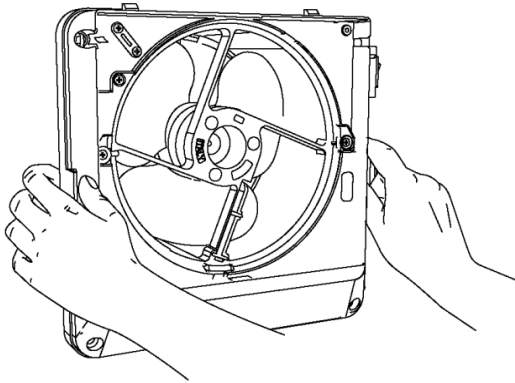


Figure 16

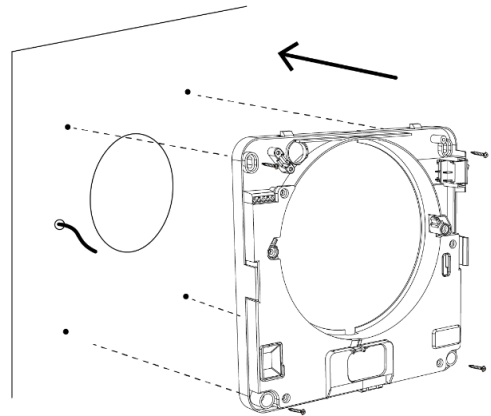


Figure 17

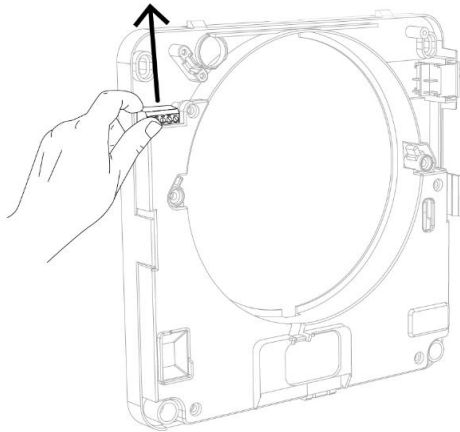


Figure 18

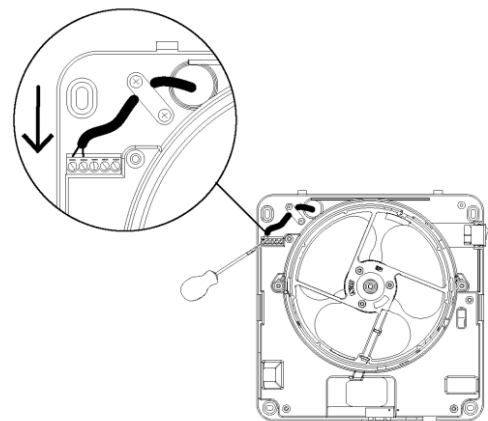


Figure 19

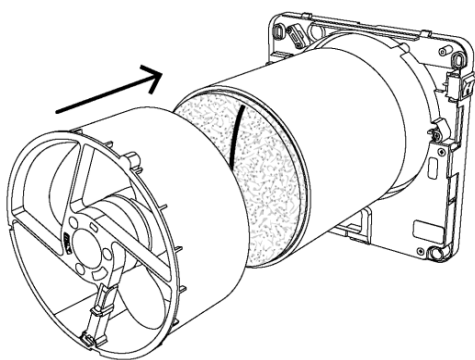


Figure 20

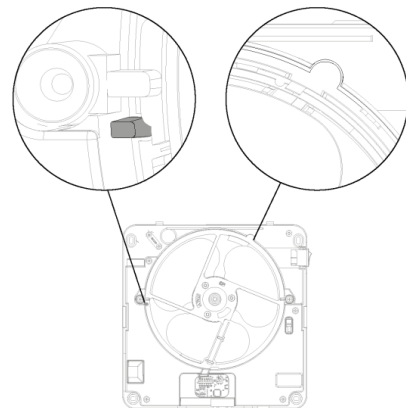


Figure 21

Installation, Use, and Maintenance Manual

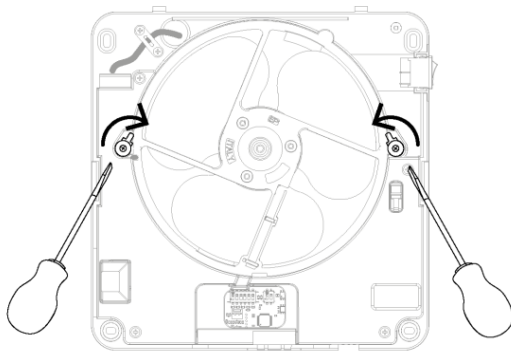


Figure 22

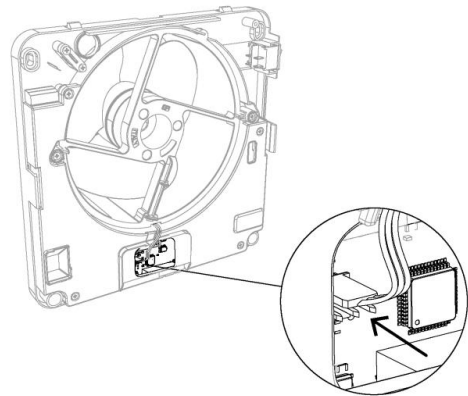


Figure 23

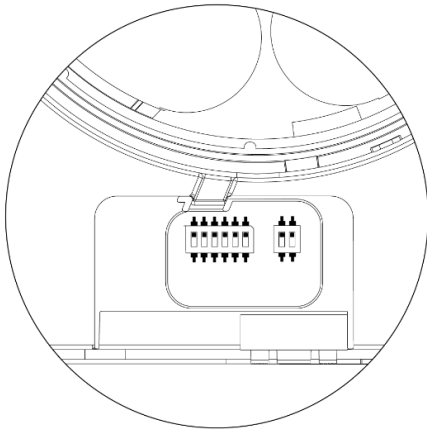


Figure 24

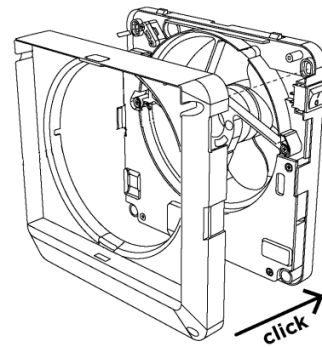


Figure 25

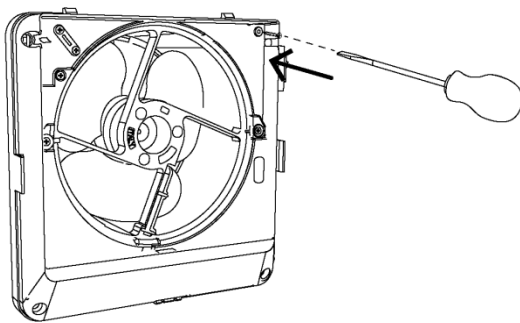


Figure 26

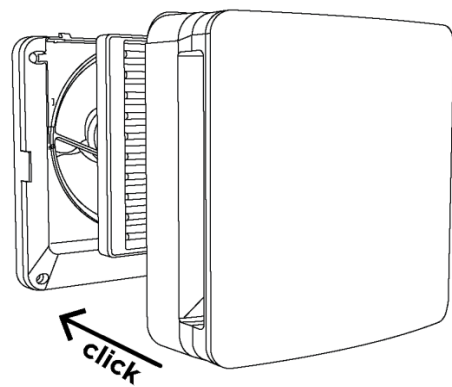


Figure 27

Installation – Electrical Connections

Single Unit Connection

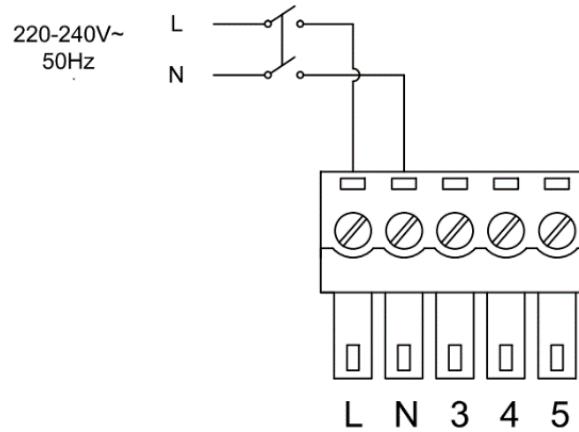


Figure 28

Master-Slave System Connection

Warning: During this stage, all products must have the main switch set to “0.”

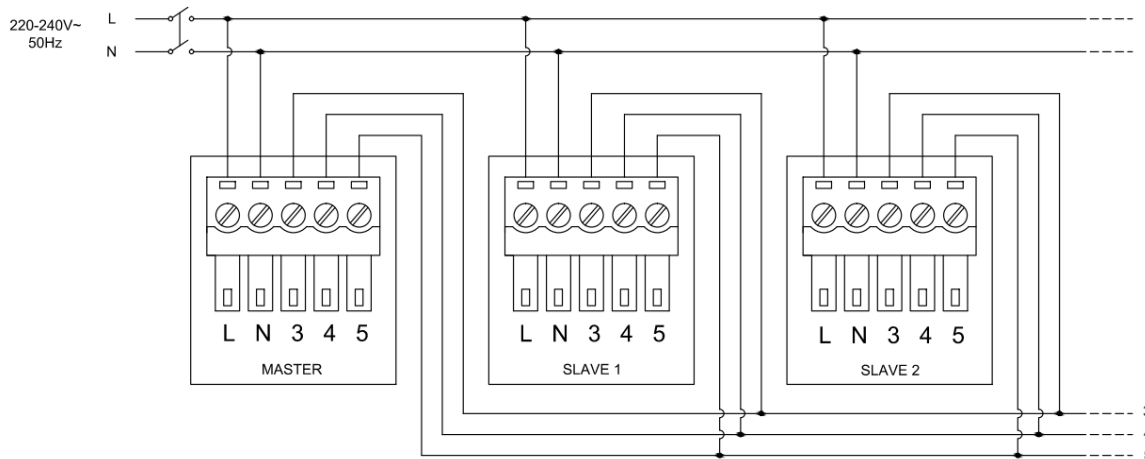


Figure 29

Warning: Humidity and twilight sensors will detect values from the first unit connected. In systems with long wires or significant amounts of electrical or electronic equipment, signal disturbances may occur. To mitigate this, use shielded cables and connect a 120-ohm termination resistor to pins 3 and 4 of the terminal block on the last SLAVE unit.

Installation – Configuration

For configuration, follow the instructions below. The first unit installed will serve as the **MASTER**, while subsequent units will be configured as either **SLAVE OPPOSITE TO MASTER** or **SLAVE SAME AS MASTER**. Figures 30 and 31 indicate the correct positioning of the MASTER unit relative to the SLAVE units, providing visual guidance on setup layout.

Important: The MASTER unit is the only device that receives commands from the control device. The control device detects ambient conditions through its sensors and regulates the entire system accordingly. The placement of system components shown in Figures 30 and 31 also helps ensure proper communication between units during operation.

If a remote panel with a CO2 sensor is available, the CO2 levels will be detected directly by the control panel.

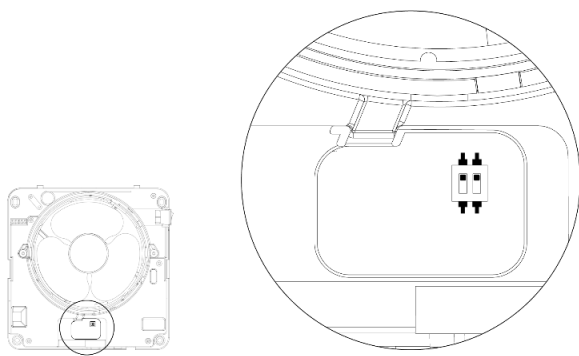


Figure 30

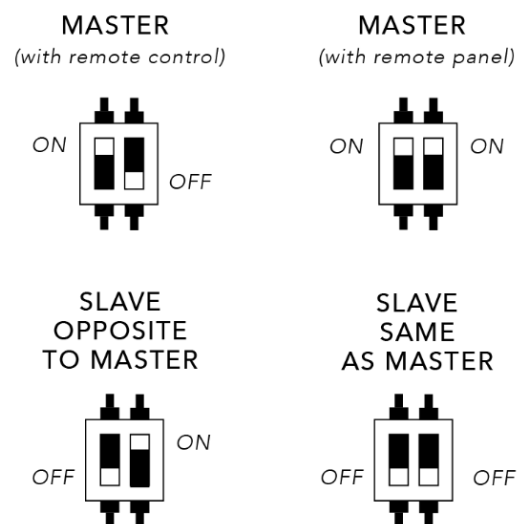


Figure 31

For large indoor spaces or systems spanning multiple floors, it is recommended to divide the system into zones (e.g., living area and sleeping area, or first floor and second floor). This zoning simplifies control and enhances the management of the units.

Installation – Configuration Reset

Instructions for Correcting MASTER-SLAVE Configuration via Dip Switches:

1. Turn **OFF** the unit using the main switch.
2. Adjust the dip switch configuration as required.
3. Turn **ON** the unit using the main switch.

The unit will now operate with the updated configuration.

WARNING: Changes to the configuration cannot be made while the unit is powered ON. The unit will continue to run according to the previous settings.

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Instruction for Use

The unit can be turned ON and OFF using the switch located on the device. Figure 32 shows the exact placement of this switch on the unit's exterior for easy identification.

This visual reference in Figure 32 helps users quickly locate the control point, especially during initial setup or troubleshooting.

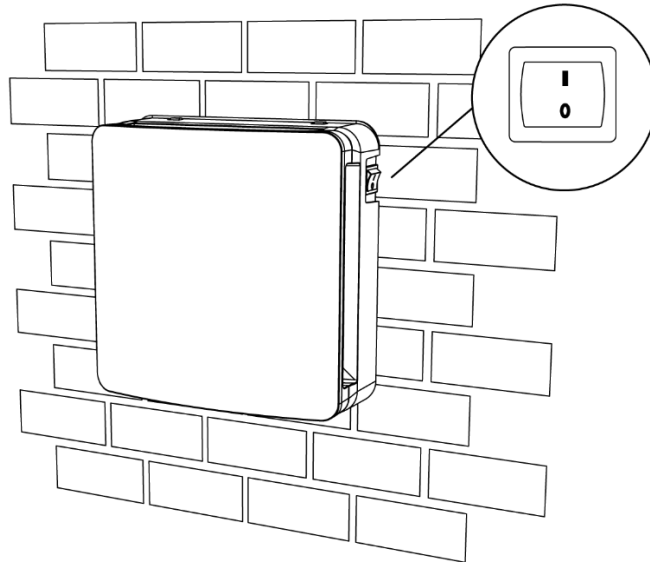


Figure 32

The product features three primary operating modes and six additional modes, which can be selected using quick-access buttons.

The three primary modes, selectable via the **MODE** button, are:

- **AUTOMATIC mode**
- **SURVEILLANCE mode**
- **MANUAL mode**

The six additional modes, accessible through quick-access buttons, are:

- **NIGHT mode**
- **BOOST mode**
- **MASTER-SLAVE AIRFLOW mode**
- **SLAVE-MASTER AIRFLOW mode**
- **EXTRACTION mode**
- **INTAKE mode**

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Remote Control Functions

The AUREN is available with two variant remote controls, the Core and the Vision.

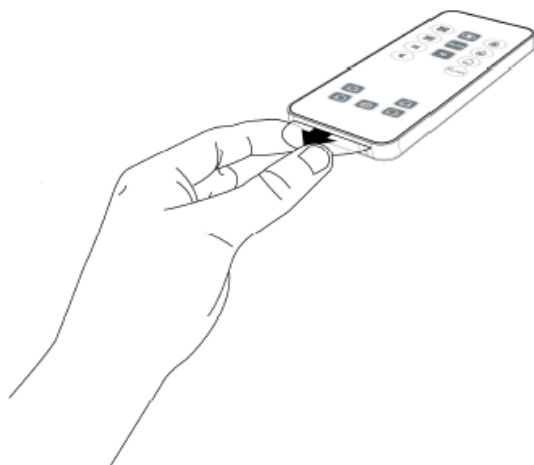


Figure 33

To start using the remote control, please remove the save battery tab.

Figure 33 displays the general layout of the remote, allowing users to become familiar with the button functions and overall design.

Referencing Figure 33 will help users distinguish between the Core and Vision models and better understand which controls apply to their specific setup.

If the AUREN no longer responds to the commands sent by the remote control, please replace the batteries as shown below. Figures 34 and 35 illustrate the correct procedure for opening the remote-control casing and inserting a new CR2025 3V battery.

Battery type requires CR2025 3V. Refer to Figures 34 and 35 to ensure the battery is installed with the proper orientation and the remote casing is reassembled securely. It is recommended to dispose of batteries in the dedicated collection boxes or according to local laws.

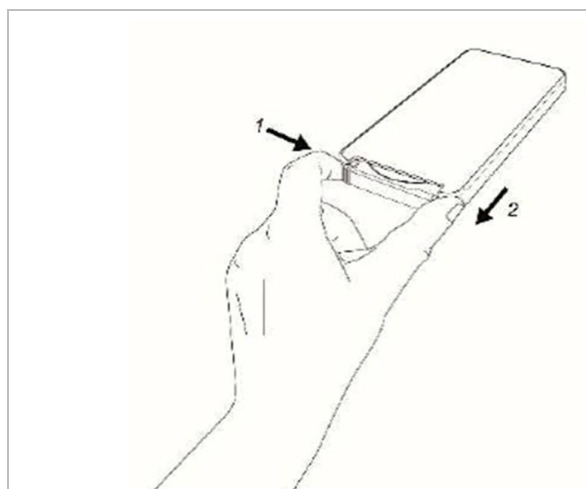


Figure 34

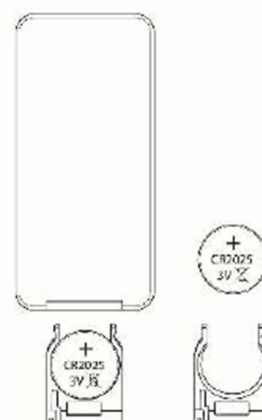


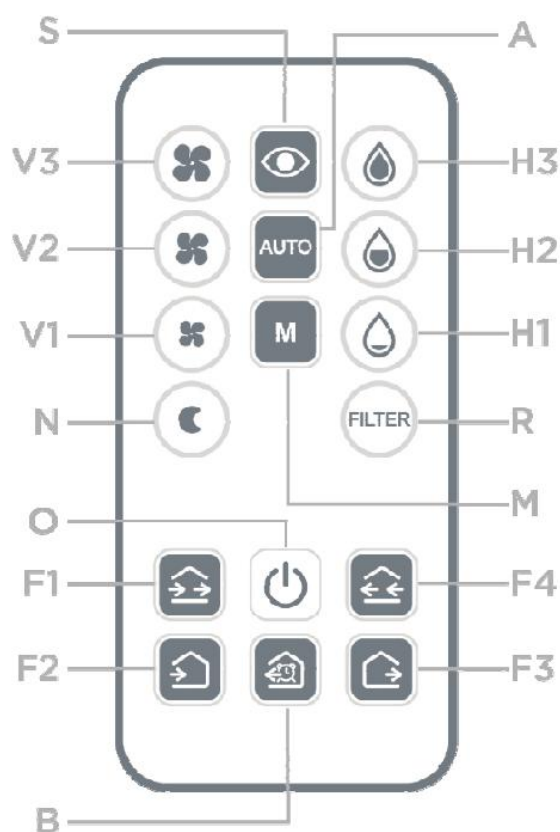
Figure 35

Installation, Use, and Maintenance Manual

AUREN Core Remote

Figure 36 provides a detailed overview of each button's function on the remote control, including mode selection, fan speed, and filter reset.

Users are encouraged to refer to Figure 36 while navigating the remote to ensure accurate input and to familiarise themselves with each symbol and control option.



To select any function, press the related button.

S : Surveillance mode selection :

A : Auto mode selection :

M : Manual mode selection :

N : Night mode selection :

V : Speed selection :

H : Relative humidity threshold selection :

R: Filter alarm reset :

F: Air flows mode selection :

B : Timed extraction mode selection

O: Switch OFF

Refer to the following pages for explanation of all the operating modes, however please note that visuals show the AUREN Vision Remote only.

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AUREN Vision Remote

Figure 37 provides a visual overview of the button layout and designations specific to the Vision Remote. Figure 37 also illustrates the remote's audio-visual signals, including LED behaviours and alert indicators such as command receipt, surveillance mode status, and filter or humidity alarms. Refer to this figure to clearly identify each signal and its meaning during operation.

WARNING (Remote Control): The remote control enters standby mode after 60 seconds of inactivity when the key icon appears on the display. To unlock it, press the button (S) located on the upper side of the remote control.

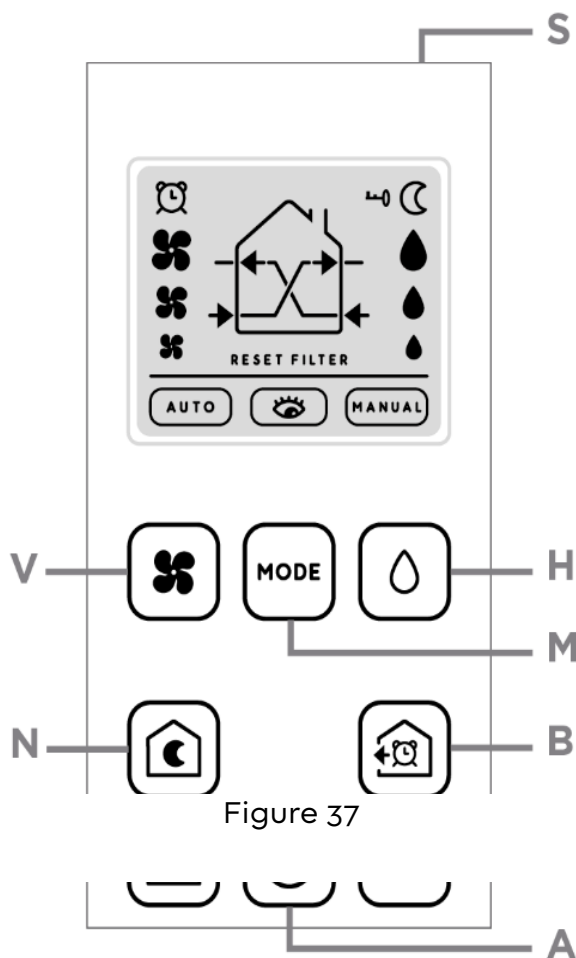
WARNING: If the unit is connected to other units within the same system, only the MASTER unit will receive commands and transfer them to all SLAVE units connected in sequence.

AUDIO-VISUAL SIGNALS

- **Command Receipt:** When the unit properly receives a command, it will emit a "BIP" sound, and the LED will flash white.
- **Surveillance Mode:** When the product is in surveillance mode, the red LED will blink every 60 seconds.
- **Humidity Alarm:** When the unit enters a humidity alarm state, the red LED will remain lit.
- **Filter Alarm:** When the unit enters a filter alarm state, the red LED will blink once per second.

WARNING: When turning on the unit for the first time, or when switching from standby or OFF mode to ON mode, the tilting front cover will take 40 seconds to open.

NOTE: The term "heat recovery operation" refers to the standard operation of the product. This involves a 70-second extraction phase followed by a 70-second intake phase, reversing the cycle with the tilting front cover open.



AUTOMATIC MODE

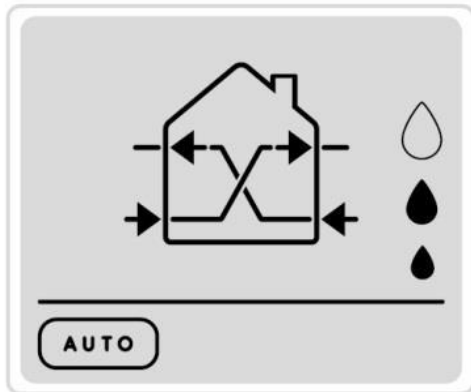


Figure 38 illustrates the Automatic Mode interface as it appears on the remote-control display, helping users visually identify the correct symbol when cycling through available modes.

Figure 38

To activate this mode, repeatedly press the **MODE (M)** button until the corresponding image appears on the display.

Each press of the **MODE** button will cycle through the following sequence: **AUTO** → **SURVEILLANCE** → **MANUAL** → **AUTO** → **SURVEILLANCE**, and so on.

In this mode, the **HUMIDITY (H)** button becomes active, allowing you to select the desired humidity threshold. Figure 38 also reinforces which mode icon to look for when engaging Automatic Mode during setup.

When in **Automatic Mode**, both the humidity and twilight sensors are operational. The units will function independently, without requiring manual commands. Below is an explanation of how the units operate in various conditions and modes:

- **Standard humidity conditions (Day):** The units run at medium speed with heat recovery.
- **Standard humidity conditions (Night):** The units run at minimum speed with heat recovery.
- **Humidity alarm (Day):** The units operate in extraction mode at medium speed.
- **Humidity alarm (Night):** The units operate in extraction mode at night speed.

The system enters **Humidity Alarm Mode** when the **MASTER unit** detects a humidity level in the room that exceeds the selected threshold. Three threshold options are available: **40%, 60%, or 90%**.

Note:

The thresholds mentioned are based on tests conducted in a controlled climate chamber at a constant temperature of **20°C**. The actual intervention threshold of the humidity sensor may vary between products and can be influenced by environmental and atmospheric factors.

SURVEILLANCE MODE

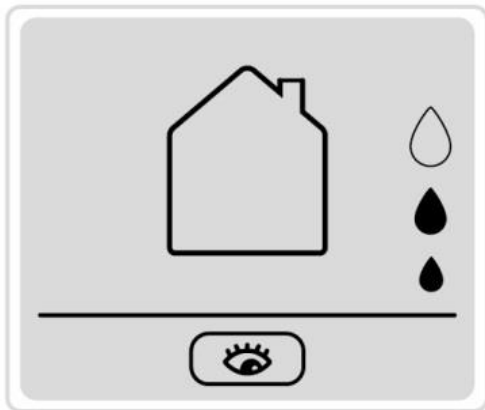


Figure 39

Figure 39 displays the Surveillance Mode icon as it appears on the remote control screen, allowing users to visually confirm the correct mode is selected during setup.

To activate Surveillance Mode, press the **MODE (M)** button repeatedly until the corresponding display image appears. The mode cycles through the following sequence: **AUTO**, **SURVEILLANCE**, **MANUAL**, then repeats (**AUTO**, **SURVEILLANCE**, etc.).

In this mode, the **HUMIDITY (H)** button becomes active, allowing you to select the desired humidity threshold. Figure 39 also serves as a helpful reference for identifying the Surveillance Mode symbol and its associated standby behaviour.

When in Surveillance Mode, both the humidity and twilight sensors are operational. The units remain in stand-by with the front panel closed until the humidity level in the room exceeds the set threshold, at which point the units initiate extraction. Below is an explanation of how the units operate in different scenarios:

- **Standard Humidity Conditions:** The units remain in stand-by with the front panel closed while the sensors remain active.
- **Humidity Alarm Conditions (Daytime):** When humidity exceeds the set threshold during the day, the units operate at medium extraction speed.
- **Humidity Alarm Conditions (Nighttime):** When humidity exceeds the set threshold during the night, the units operate at night-speed extraction.

The units enter a humidity alarm state when the **MASTER unit** detects a humidity level in the room exceeding the selected threshold (40%, 60%, or 90%).

Note: The specified thresholds are based on tests conducted in a climate chamber at a constant temperature of 20°C. Actual sensor performance may vary depending on environmental and atmospheric factors.

MANUAL MODE

Figure 40 illustrates the Manual Mode icon as it appears on the remote control, assisting users in visually identifying the correct mode when navigating the display options.

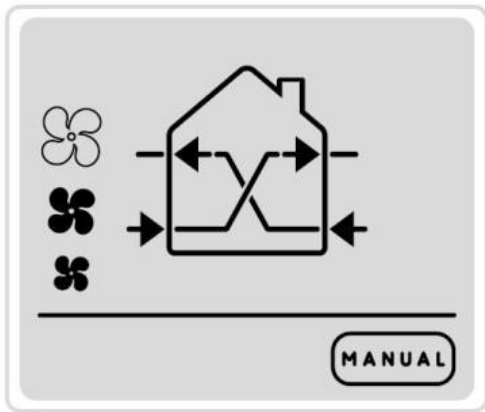


Figure 40

To activate this mode, repeatedly press the **MODE (M)** button on the remote control until the display shows the image above.

When the **MODE** button is pressed, the mode will cycle through the following sequence: **AUTO**, **SURVEILLANCE**, **MANUAL**, and then repeat (**AUTO**, **SURVEILLANCE**, ...).

In this mode, the **IMPELLER (V)** button becomes active, allowing you to select the desired speed. Figure 40 also helps clarify which visual display confirms that Manual Mode is successfully engaged.

In this mode:

- The sensors are disabled.
- The units operate with heat recovery.
- The end user can manually select the desired speed, which will remain active until a new command is entered.

Advice for Use

This mode is recommended when heat recovery is required regardless of humidity levels or when a fixed speed needs to be set for all units.

NIGHT MODE

Figure 41 displays the Night Mode icon as it appears on the remote control, allowing users to easily confirm that the correct mode has been activated.

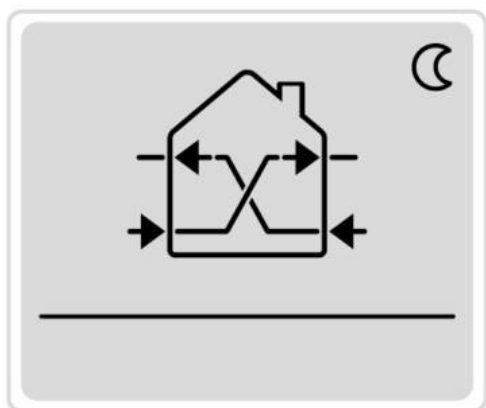


Figure 41

To activate this mode, press the **NIGHT (N)** button on the remote control. The display will show the image above. Figure 41 also reinforces what to expect visually when switching to Night Mode.

In this mode, all units will operate at night speed with heat recovery until a new command is entered.

Advice for Use

This mode is recommended when the external environment is very quiet, and even the unit's minimum speed is noticeable.

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MASTER-SLAVE AIR FLOW MODE

Figure 42 presents the display icon for MASTER-SLAVE AIR FLOW MODE, showing users what to look for when activating this specific airflow setting on the remote.

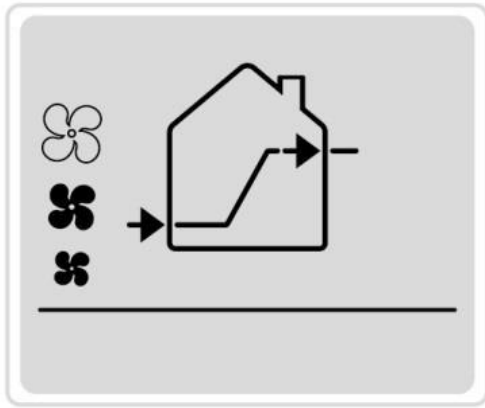


Figure 42

To activate this mode, press the FLOW (F) button on the remote control until the above image appears on the display. Each press of the **FLOW** button will cycle through the modes in the following sequence: **MASTER-SLAVE AIR FLOW** → **SLAVE-MASTER AIR FLOW** → **EXTRACTION** → **INTAKE** → **MASTER-SLAVE AIR FLOW**.

In this mode, the IMPELLER (V) button is enabled, allowing you to select the desired speed.

Figure 42 also provides a visual overview of the airflow direction from MASTER or SLAVE (SAME AS MASTER) units to SLAVE (OPPOSITE TO MASTER) units, helping users understand how this setting distributes air throughout the system.

How It Works

In this mode, the units generate a continuous air flow from the MASTER or SLAVE (SAME AS MASTER) units to the SLAVE (OPPOSITE TO MASTER) units, excluding heat recovery.

Advice for Use

This mode is recommended for isolating odours in a room, such as a kitchen, by generating a continuous air flow towards it. It is also suitable for free-cooling during the summer season. When the external temperature is lower than the internal temperature, there is no need for heat recovery; instead, fresh air can be blown into the house. By pressing the specific function button, all units will consistently operate in the desired direction, with the option to adjust the speed as needed.

SLAVE-MASTER AIR FLOW MODE

Figure 43 shows the SLAVE-MASTER AIR FLOW MODE icon as it appears on the remote control display, helping users visually confirm the correct mode selection during operation.

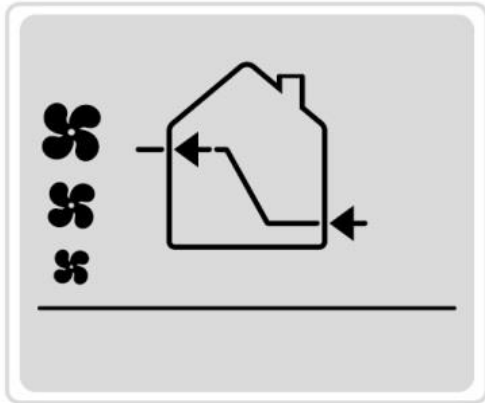


Figure 43

To activate this mode, repeatedly press the **FLOW (F)** button on the remote control until the display shows the image below.

When pressing the **FLOW** button, the mode will cycle through the following sequence:

MASTER-SLAVE AIR FLOW → **SLAVE-MASTER AIR FLOW** → **EXTRACTION** → **INTAKE** → **MASTER-SLAVE AIR FLOW**.

In this mode, the **IMPELLER (V)** button becomes active, allowing you to select the desired speed.

Figure 43 also visually outlines the reverse airflow configuration, showing how air moves from the SLAVE unit back to the MASTER unit with heat recovery disabled.

How It Works

In this mode, the units create a continuous airflow that moves:

- **From SLAVE (opposite to MASTER) to MASTER**, or
- **From SLAVE (same as MASTER) to MASTER**, with heat recovery excluded.

Advice for Use

This mode is ideal for isolating odours in specific rooms, such as kitchens, by directing continuous airflow towards them.

It is also suitable for free cooling during the summer. When the external temperature is lower than the internal temperature, there is no need for heat recovery. Instead, fresh air is drawn into the house.

By pressing the corresponding function button, all units will operate continuously in the chosen direction. You can adjust the speed as needed.

EXTRACTION MODE

Figure 44 displays the EXTRACTION MODE icon on the remote control, providing a clear visual reference to help users confirm that the correct setting has been activated.

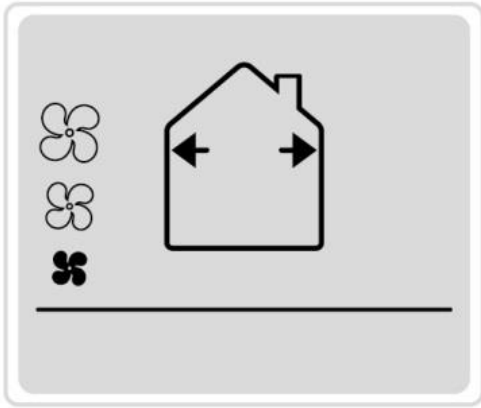


Figure 44

To activate this mode, repeatedly press the **FLOW (F)** button on the remote control until the display shows the image below.

When pressing the **FLOW** button, the mode will cycle through the following sequence:

MASTER-SLAVE AIRFLOW → SLAVE-MASTER AIRFLOW → EXTRACTION → INTAKE → MASTER-SLAVE AIRFLOW.

In this mode, the **IMPELLER (V)** button becomes active, allowing you to select the desired speed.

Figure 44 also reinforces the function of this mode, showing the outward airflow direction used for quickly ventilating enclosed spaces.

Advice for Use

This mode is recommended for extracting large amounts of stale air, at the expense of heat recovery. It is particularly suitable for situations where rooms are heavily occupied, such as during parties or anniversaries.

INTAKE MODE

Figure 45 shows the INTAKE MODE icon as it appears on the remote control, making it easy for users to visually identify the mode during selection.



Figure 45

To activate this mode, repeatedly press the **FLOW (F)** button on the remote control until the display shows the image below.

When you press the **FLOW** button, the mode will cycle through the following sequence:

MASTER-SLAVE AIR FLOW → SLAVE-MASTER AIR FLOW → EXTRACTION → INTAKE → MASTER-SLAVE AIR FLOW.

In this mode, the **IMPELLER (V)** button becomes active, allowing you to select the desired speed.

Figure 45 also serves as a reference for the airflow direction during intake operation, indicating how external air is drawn into the indoor space.

Advice for Use:

This mode is recommended for situations where a large amount of fresh air intake is required, such as when rooms are crowded during events like parties or anniversaries. Please note that this comes at the expense of heat recovery efficiency.

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Maintenance – When it is necessary

Every 3,000 working hours, the indicator on the MASTER unit will blink to alert you that maintenance is required.

All units will continue to operate according to their preset functions, but changes cannot be made until the maintenance operations are completed.

After performing maintenance, press the FILTER (R) button on the remote control to reset the alarm.

It is advisable to replace the filters when they become worn, as this can compromise proper air filtration and efficiency. Filters should be replaced at least every two years, even if no visible wear is present.

For a filter kit replacement, contact your local retailer or distributor.

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Maintenance – How to carry out

All maintenance operations are intended for qualified personnel only.

Ensure the network connection in the room is disconnected before carrying out any maintenance work.

Figures 46 through 61 provide a detailed visual guide for carrying out each step of the maintenance process. These include proper disconnection procedures, internal access points, cleaning instructions, and part handling sequences.

Referring to Figures 46 through 61 will help ensure that maintenance is performed correctly and safely, reducing the risk of component damage or incorrect reassembly.

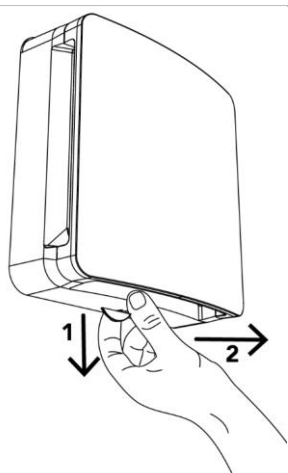


Figure 46

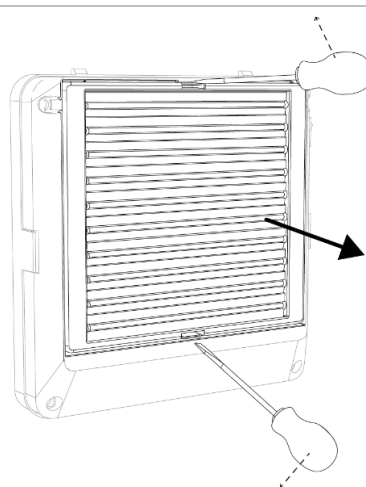


Figure 47

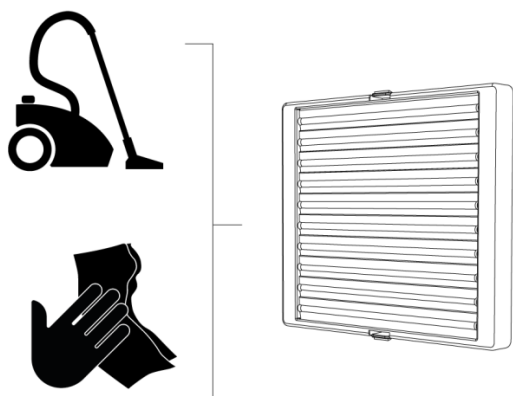


Figure 48

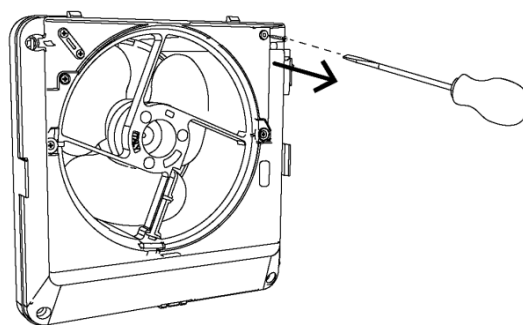


Figure 49

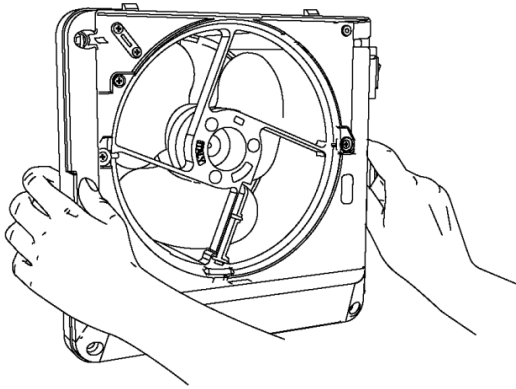


Figure 50

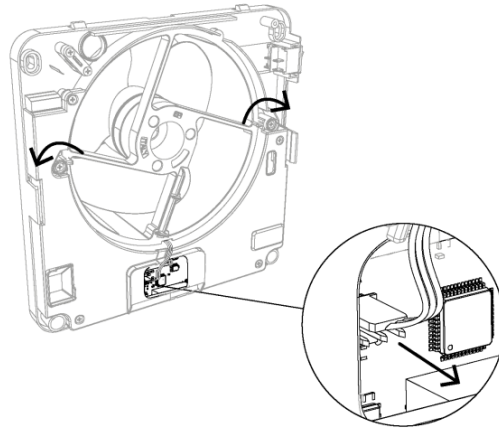


Figure 51

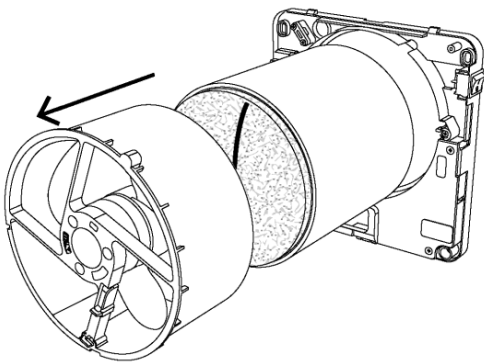


Figure 52

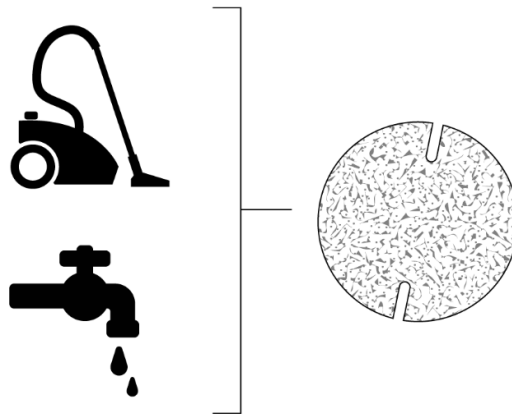


Figure 53

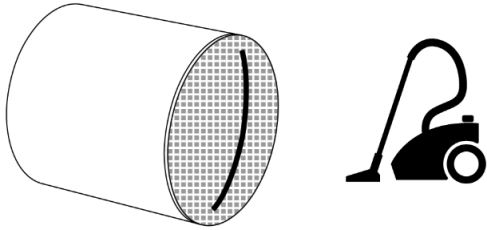


Figure 54

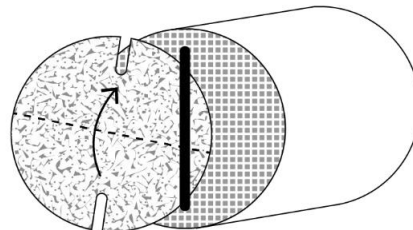


Figure 55

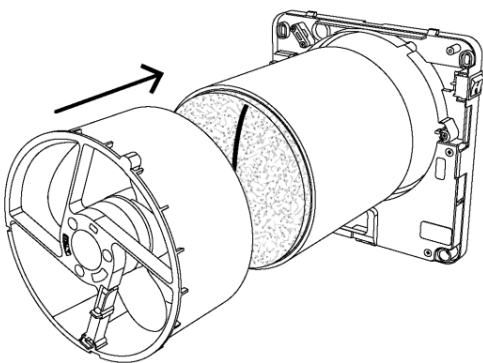


Figure 56

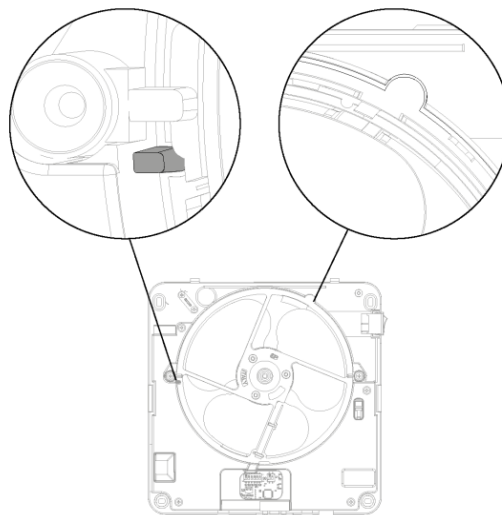


Figure 57

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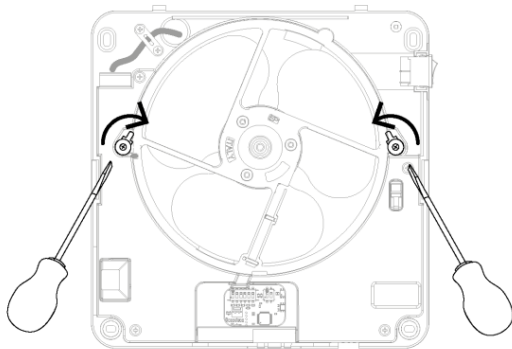


Figure 58

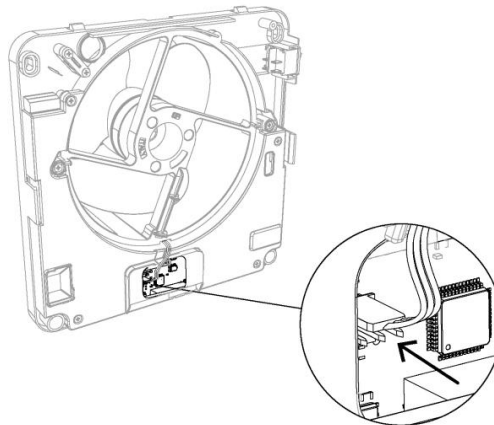


Figure 59

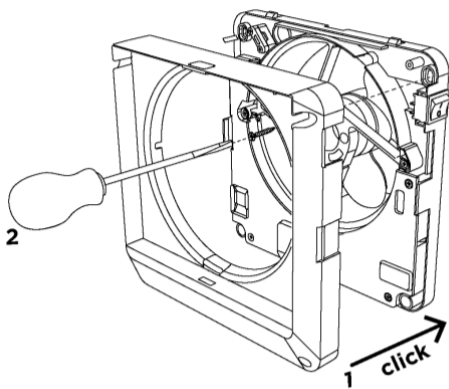


Figure 60

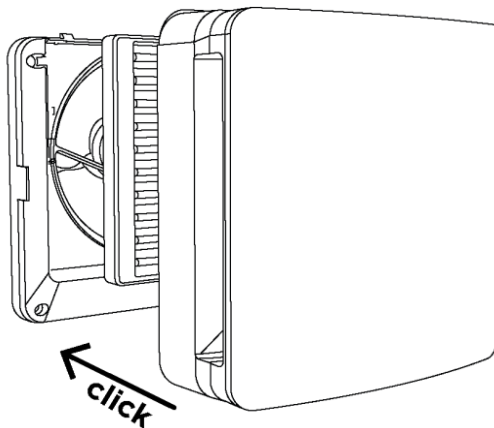


Figure 61

FAQ / Troubleshooting

The product doesn't start	• Ensure that the product is properly connected to the mains. • Verify that the ON/OFF switch (I/O) is in the ON (I) position.
The product starts properly but doesn't receive any signal from the remote control	• Ensure that the remote control contains a battery. • Confirm that the battery in the remote control is charged. • Commands are received only by the MASTER unit of the system. Make sure to send commands to the correct unit. • Check that the dip switches are correctly set to MASTER.
The product starts properly, receives signals from the remote control, but the impeller doesn't turn	• Wait 40 seconds for the automatic shutter to begin opening. • Ensure that the product is not in surveillance mode. • Check that the impeller is not obstructed.
The product doesn't receive any signal from the remote control, and the red LED flashes	• Perform maintenance and reset the filter as indicated in the manual. • Ensure that the remote control contains a battery. • Confirm that the battery in the remote control is charged.
The product runs only in extraction mode, and the red LED is ON	• Increase the hygrostat threshold by pressing the H button.
The red LED is blinking on the SLAVE unit	• There is no communication between the MASTER and SLAVE units. • Ensure proper connection between the units. • Verify that the dip switches are correctly set.

WARNING:

If the problem detected is not listed above or remains unresolved after following these instructions, contact an authorised service centre.