

VIAR PRO 125

heat recovery unit



HEAT RECOVERY UNIT



HEAT RECOVERY UNIT

Features VIAR PRO



Control via the Ventio App



Remote control



Temperature sensor



Three speeds



Humidity sensor



5 operating modes



G3 Filter — reliable protection against dust and fine debris



Indoor installation,
no high-altitude work
required



Automatic shutters on the
fan unit



In-wall mounting
(opening Ø 132 mm)



LED operation indicator



Cutout overheating
protection



Low noise level



Durable ABS-plastic



2-year warranty



Ceramic heat
exchanger

Advantages VIAR PRO

Controlled via the Ventio App

Ventio is more than just a new app; it is a tool for managing all your devices. Its intuitive interface and extensive capabilities allow you to control and customize your devices from anywhere. Download the app, and your home will always be under control.

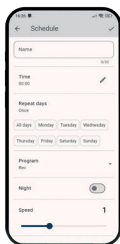
CONTROL
devices from
your smartphone



ADD
devices to
the app



AUTOMATE
device operation
using scenarios



For example, you can adjust speed and operating schedule of the heat recovery unit, or plan activation and deactivation times in advance using the "Schedule" section.

Automatic shutters on the fan unit

The shutters block the airflow when the unit is switched off, effectively preventing:

- heat loss in winter (cold air does not enter the room).
- cool air escape in summer.



Indoor installation, no high-altitude work required.

Installation is significantly simplified and risks are reduced, as there is no need to hire industrial climbers or use aerial platforms, nor to obtain facade work permits in apartment buildings



The heat recovery unit is equipped with humidity and temperature sensors.

"Humidity control" operating algorithm.

When the heat recover unit is operating in supply mode, either "Heat recovery" or SMART mode, it automatically switches to exhaust mode upon reaching a humidity level of 70%.

"Anti-Freeze" operating algorithm.

If the unit is operating in supply mode in any setting and the temperature sensor records a value below 0 °C for more than 60 seconds, a forced 90-second exhaust cycle is activated at the third speed.

Breathe clean air without worrying about heat loss!

VIAR PRO filters the air, removing dust, pollen, and allergens. The heat exchanger installed inside the unit regulates the temperature of the incoming air, making it comfortable. There is no need for ventilation, reducing heating and cooling costs.



VIAR PRO guarantees a supply of fresh air at a comfortable temperature in any season.

In winter, when the unit operates in exhaust mode, the warm air being removed from the room heats the ceramic heat exchanger. When the unit switches to supply mode, the cool fresh air is warmed to a comfortable temperature. The face panel of the unit is insulated to prevent freezing.

In summer, the supply air enters the room slightly cooled.

Operating temperature range: from -30 to +50 °C.

Indoor temperature range: from +1 to +40 °C.



Control the heat recovery unit your way:

- Ventio App
- Touch panel
- Remote control

Ventio App

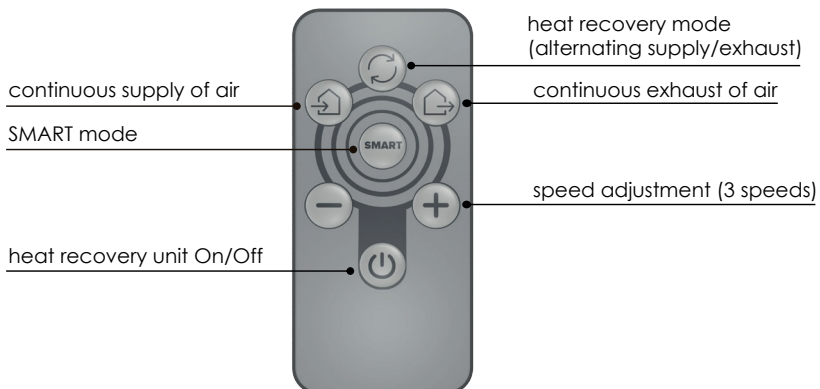
Download the Ventio app from the App Store (for Apple devices) and Google Play (for Android devices).

Enter your email address or phone number and receive a verification code to log in. Turn on the unit using the power button on the touch panel.

In the app on your phone, tap + to add a new device. Select the VIAR PRO device. Control the unit: choose modes, adjust speed and operating time, and schedule operation in advance in the "Schedule" section.



Controlling the heat recovery unit with the remote control



Controlling the Unit with the Touch Panel



Touch panel

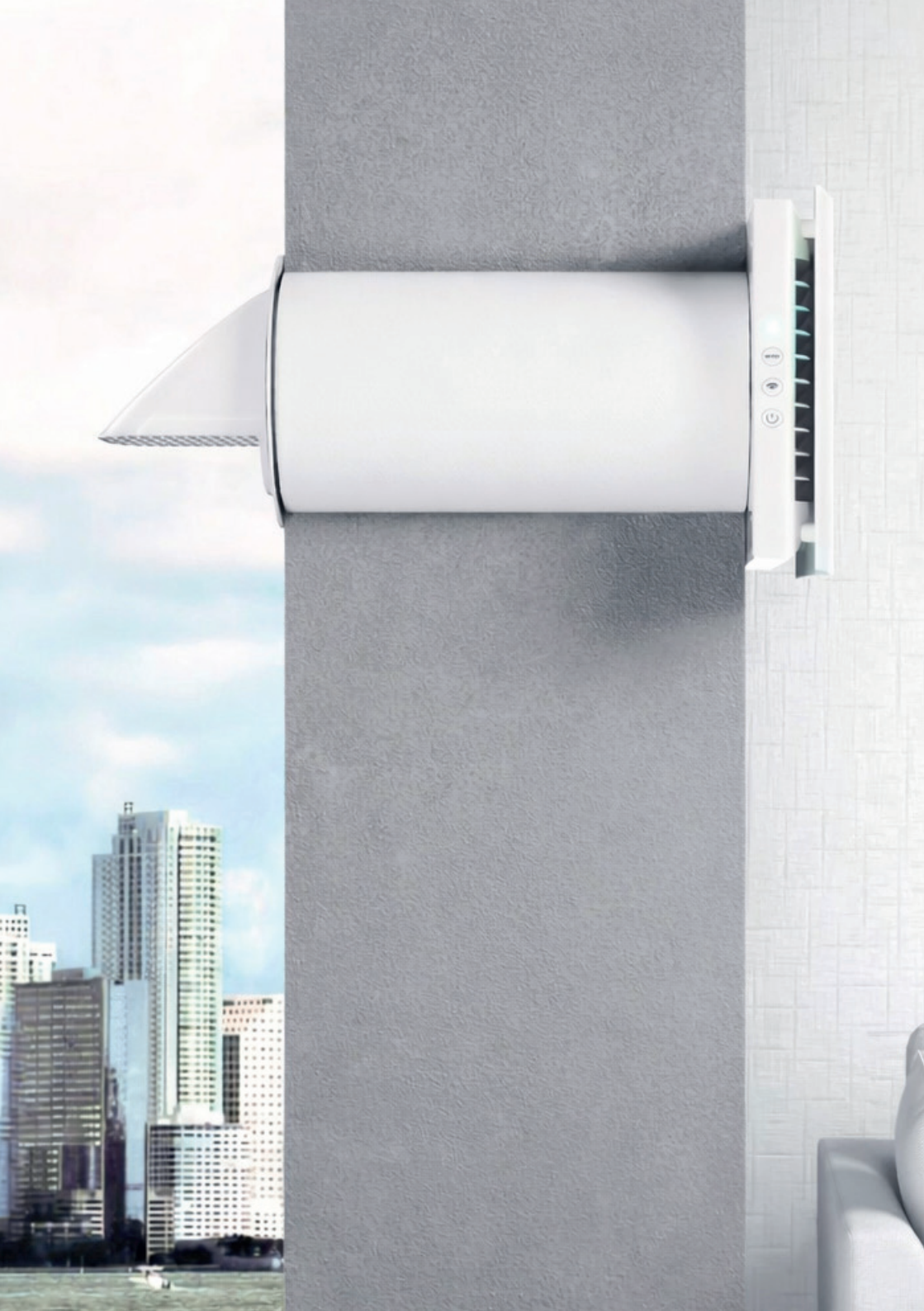
The "Mode" touch key changes the operating mode of the heat recovery unit.

The "Network" touch key is used to pair your mobile device with the VIAR PRO and to perform a factory reset.

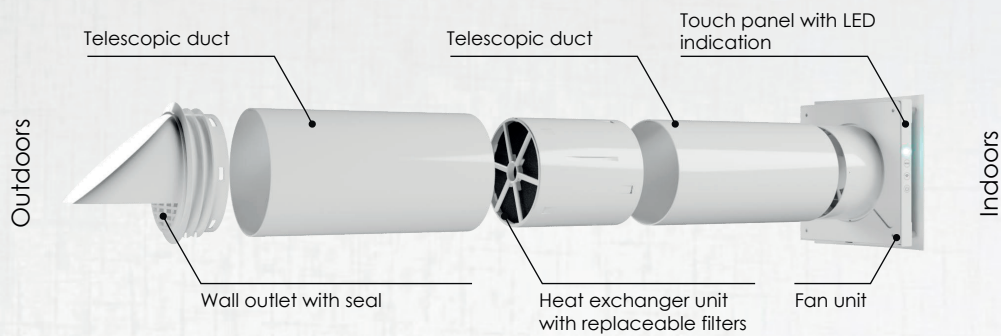
The "Power" touch key turns the heat recovery unit on and off.

LED indication:

 Red color:		Power connected (turns off when any mode is activated)
 White color:		"Continuous supply" mode
 Yellow color:		"Continuous exhaust" mode
 Blue color:		"Heat recovery" mode (alternating supply /exhaust)
 Green color:	SMART	SMART mode
 No lighting		Night mode



Elements of the heat recovery unit



Turning the unit on

The control panel with touch-sensitive keys and LED indication is located on the housing of the heat recovery unit. When a button is pressed, the unit emits a short sound. When the unit is turned on, the LED indication will also activate. The LED indicates the current operating mode of the heat recovery unit.



Operating modes

VIAR PRO has five operating modes

5
OPERATING
MODES



Continuous supply

The fan operates continuously in supply mode.



Continuous exhaust

The fan operates continuously in exhaust mode.



Heat recovery mode (alternating supply/exhaust)

Switches between supply and exhaust every 60/70/80/90 seconds (the interval can be adjusted in the Vento mobile app).

SMART

SMART mode

VIAR PRO adapts to the outdoor temperature: the colder/hotter it is outside compared to the room temperature, the less/more time the unit spends in supply mode.

In SMART Mode, VIAR PRO operates at three speeds, starting from the medium speed. The speed can be changed as needed.



Night mode

Quiet operation mode at the lowest speed.

Night mode works in combination with any of the modes listed above. To exit night mode, tap its icon in the app or change the unit's operating speed.

«Smart Vent»

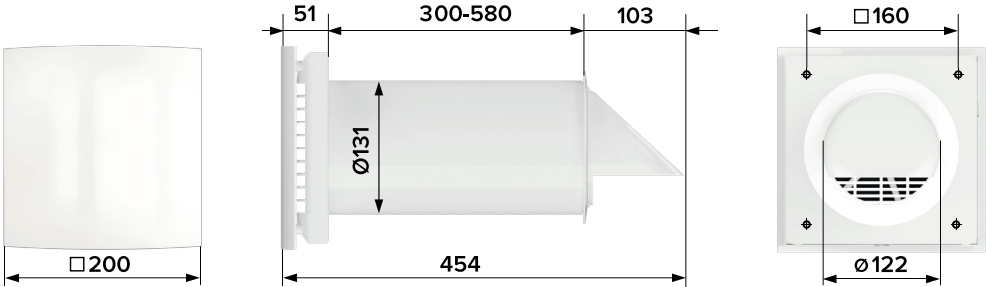
To activate passive ventilation, set the operating speed to zero while the unit is running. The motor will stop, but the shutter blades will remain open. This ensures natural airflow through the filter elements.

Technical specifications

Designed for connection to a 220-240 V power supply, 50/60 Hz.
Equipped with humidity and temperature sensors.

Item code	Product name
VIAR PRO 125	Heat recovery unit VIAR PRO 125

Specifications	VIAR PRO 125			
SPEED	NIGHT MODE	1	2	3
Capacity / air supply (m³/h)	10	17	30	48
Capacity / air exhaust (m³/h)	10	17	29	46
Capacity / recuperation (m³/h)	5	9	15	24
Pressure / air supply (Pa)	7	12	27	59
Pressure / air exhaust (Pa)	6	12	29	58
Sound pressure level at a distance 3 m / air supply (dBA)	11	22	25	30
Sound pressure level at a distance 3 m / air exhaust (dBA)	15	26	30	34
Power consumption (W)	5	5	6	12
Recuperation efficiency (%)	up to 82			
Net weight (kg), no more than	2,0 ± 0,1			



MOUNTING

Before installing the heat recovery unit, be sure to prepare the power cord outlet in advance above the wall opening!

One unit is recommended for a room area of 20–25 m².

The recommended installation location is to the side of the window, approximately 30 cm from the ceiling.

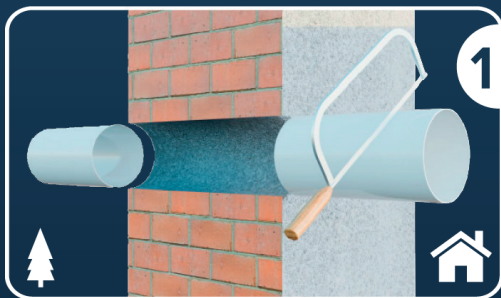
Minimum distances between various parts of the unit and surrounding objects:

- from the unit flange to the heat exchanger unit: at least 30 mm
- minimum distance from other electrical appliances: 1 m.

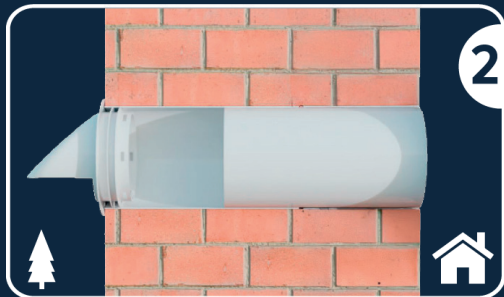
Make an opening in the wall.

For drilling, use a core bit with a diameter of 132 mm. This will create an opening of approximately 133 mm. Set up the drilling rig, ensuring the drilling axis angle is 2–3 degrees downward toward the outside of the wall. This is necessary for condensate drainage to the outside.

Extend the telescopic duct, having first calculated the required length. If necessary, the duct can be cut to match the wall thickness.



It is recommended to install the unit 20–30 cm from the window edge, at a height of 2–2.5 m.



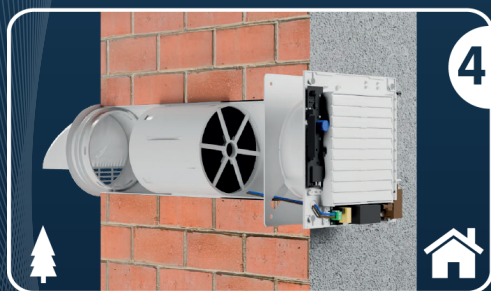
From the room side, insert the wall outlet with the silicone seal into the **larger-**diameter duct. Pre-moisten the outer ring of the seal with water or a soap solution. Push the wall outlet with the seal all the way through the duct until the outer ring of the seal is on the outside. Then, pull the wall outlet back towards you until it stops. If necessary, the wall outlet can be installed from the outside.

HEAT RECOVERY UNIT



From the room side, install the heat exchanger unit into the duct. Install the mounting plate using the fasteners and mounting template provided in the kit. From the room side, apply the cardboard template (see insert inside the box). The large opening in the template must be aligned with the duct. It is also recommended to use a spirit level for horizontal alignment. Then, mark the positions for the dowels from the fastener kit and drill the openings to the required depth. Install the mounting plate, securing it with the screws provided in the kit.

Remove the face panel by unscrewing the screw. Install the fan unit into the duct. Route the power cord through the opening in the lower left corner of the housing, having first removed the plug. Connect to the power supply according to the wiring diagram.



Install the fan unit (with magnets built into the housing) onto the mounting plate. Reinstall the face panel onto the unit and secure it with the screw. The heat recovery unit is ready for use!

outside



inside



Versatility — can be installed in any space: apartments, houses, offices.

Aesthetics — the neutral white housing complements most modern interiors.

Practicality — minor scratches and dust are less visible on the white surface.



