

AIR HANDLING UNIT

AirWall
AirWall E
AirWall E2
AirWall ERV
AirWall E ERV
AirWall E2 ERV

EN *USER'S MANUAL*

BLAUBERG

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This user's manual is a main operating document intended for technical, maintenance, and operating staff.
The manual contains information about purpose, technical details, operating principle, design, and installation of the AirWall (E) (E2) (ERV) unit and all its modifications.
Technical and maintenance staff must have theoretical and practical training in the field of ventilation systems and should be able to work in accordance with workplace safety rules as well as construction norms and standards applicable in the territory of the country.

SAFETY REQUIREMENTS

This unit is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the unit by a person responsible for their safety.
Children should be supervised to ensure that they do not play with the unit.
This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
Cleaning and user maintenance shall not be done by children without supervision.
Children shall not play with the appliance.

Connection to the mains must be made through a disconnecting device, which is integrated into the fixed wiring system in accordance with the wiring rules for design of electrical units, and has a contact separation in all poles that allows for full disconnection under overvoltage category III conditions.

Ensure that the unit is switched off from the supply mains before removing the guard.

Precautions must be taken to avoid the back-flow of gases into the room from the open flue of gas or other fuel-burning appliances.

The appliance may adversely affect the safe operation of appliances burning gas or other fuels (including those in other rooms) due to back flow of combustion gases. These gases can potentially result in carbon monoxide poisoning. After installation of the unit the operation of flued gas appliances should be tested by a competent person to ensure that back flow of combustion gases does not occur.

All operations described in this manual must be performed by qualified personnel only, properly trained and qualified to install, make electrical connections and maintain ventilation units.
Do not attempt to install the product, connect it to the mains, or perform maintenance yourself.
This is unsafe and impossible without special knowledge.
Disconnect the power supply prior to any operations with the unit.
All user's manual requirements as well as the provisions of all the applicable local and national construction, electrical, and technical norms and standards must be observed when installing and operating the unit.
Disconnect the unit from the power supply prior to any connection, servicing, maintenance, and repair operations.
Connection of the unit to power mains is allowed by a qualified electrician with a work permit for the electric units up to 1000 V after careful reading of the present user's manual.
Check the unit for any visible damage of the impeller, the casing, and the grille before starting installation. The casing internals must be free of any foreign objects that can damage the impeller blades.
While mounting the unit, avoid compression of the casing! Deformation of the casing may result in motor jam and excessive noise.
Misuse of the unit and any unauthorised modifications are not allowed.
Transported air must not contain any dust or other solid impurities, sticky substances, or fibrous materials.
Do not use the unit in a hazardous or explosive environment containing spirits, gasoline, insecticides, etc.
Do not close or block the intake or extract vents in order to ensure the efficient air flow.
Do not sit on the unit and do not put objects on it.
The information in this user's manual was correct at the time of the document's preparation.
The Company reserves the right to modify the technical characteristics, design, or configuration of its products at any time in order to incorporate the latest technological developments.
Never touch the unit with wet or damp hands.
Never touch the unit when barefoot.
Do not install or use the product until all construction and finishing work has been completed in the room where it is to be installed.
BEFORE INSTALLING ADDITIONAL EXTERNAL DEVICES, READ THE RELEVANT USER MANUALS.



THE PRODUCT MUST BE DISPOSED SEPARATELY AT THE END OF ITS SERVICE LIFE.
DO NOT DISPOSE THE UNIT AS UNSORTED DOMESTIC WASTE.

PURPOSE

The product is designed to ensure mechanical ventilation in private houses, offices, hotels, cafés, conference halls, and other domestic and public premises, as well as to recover the heat energy contained in the air extracted from the premises to warm up the filtered stream of supply air.
The unit is not intended for organizing ventilation in swimming pools, saunas, greenhouses, summer gardens, and other spaces with high humidity.
Due to the ability to save heating energy by means of energy recovery, the unit is an important element of energy-efficient premises.
The unit is rated for continuous operation.
Transported air must not contain any flammable or explosive mixtures, evaporation of chemicals, sticky substances, fibrous materials, coarse dust, soot and oil particles or environments favourable for the formation of hazardous substances (toxic substances, dust, pathogenic germs).

DELIVERY SET

NAME	QUANTITY
Product	1 pc.
Mounting sleeve	1 pc.
User's manual	1 pc.
Cardboard template for marking wall openings	1 pc.
Mounting kit	1 pc.
Packing box	1 pc.

DESIGNATION KEY

AirWall E ERV CO2 AH-S AirWall 250

Outer hood model
_ – no hood
AH AirWall 250 – flat metal outer hoo;
AH-S AirWall 250 – metal outer hood for thin walls;

Built-in sensor
_ – built-in humidity sensor;
CO2 – NDIR CO_2 sensor.

Heat exchanger type
_ – cross-flow and counter-flow heat exchanger
ERV – cross-flow and counter-flow heat exchanger with humidity recovery

Electric heater
_ – no heater
E – preheating
E2 – preheating and reheating

Product series

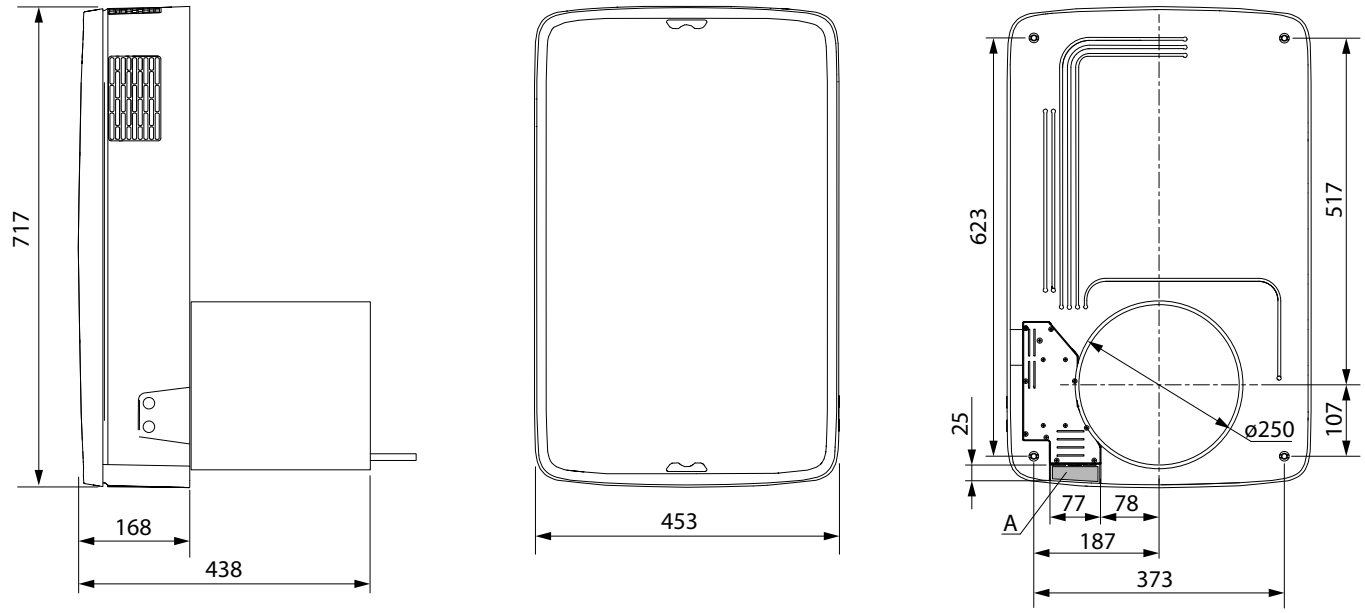
TECHNICAL DATA

The unit is designed for indoor application with the ambient temperature ranging from +1 °C up to +40 °C and relative humidity up to 60 % without condensation.
The unit is rated as a class I electric appliance.
Hazardous parts access and water ingress protection rating:
IP22 for the assembled unit connected to the air ducts
IP44 for the unit motors.
The product design is constantly being improved, thus some models may slightly differ from those described in this manual.

Parameter	AirWall					AirWall E					AirWall E2					AirWall ERV					AirWall E ERV					AirWall E2 ERV				
Supply voltage [V/50 (60) Hz]	1~ 230																													
Speed	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5	1	2	3	4	5
Rated air flow [m³/h]	25	35	50	60	80	25	35	50	60	80	25	35	50	60	80	25	35	50	60	80	25	35	50	60	80	25	35	50	60	80
Maximum unit power without heaters [W]	5	13	19	26	33	5	11	19	26	33	5	13	19	26	33	5	10	15	24	46	5	10	15	24	46	5	10	15	24	46
Forced ventilation mode [m³/h]	150																													
Maximum unit power without heaters [W]	87																													
Preheater power [W]	–					350										–					350									
Reheater power [W]	–					–					200					–					–					200				
Maximum unit current without heaters [A]	0.35															0.37														
Maximum unit current with heaters [A]	–					1.40					2.65					–					1.49					2.70				
Maximum unit power with heaters [A]	–					396					596					–					400.00					600.00				
Sound pressure level at 3 m [dBA]	12	13	18	22	28	12	13	18	22	28	12	13	18	22	28	11	13	17	21	27	11	13	17	21	27	11	13	17	21	27
Transported air temperature [°C]	–20 ... +40																													
Casing material	ABS Plastic + EPP + polymer-coated steel																													
Insulation [mm]	25																													
Extract filter	Coarse 90% / G4																													
Supply filter	Coarse 45% + ISO Coarse 90% / G3+ G4; Optional: ePM1 70% / F7																													
Spigot diameter [mm]	1x250																													
Weight [kg]	10					10					10					10					10					10				
Heat recovery efficiency (EN 13141-8) [%]	85					85					85					71					71					71				
Heat exchanger type	Counter-flow																													
Heat exchanger material	polysterene															enthalpy														
SEC class	A					A					A					A					A					A				

If the conditions of use of the product are outside the specified limits, turn it off.
Use other means to ventilate the room.

Overall and connecting dimensions

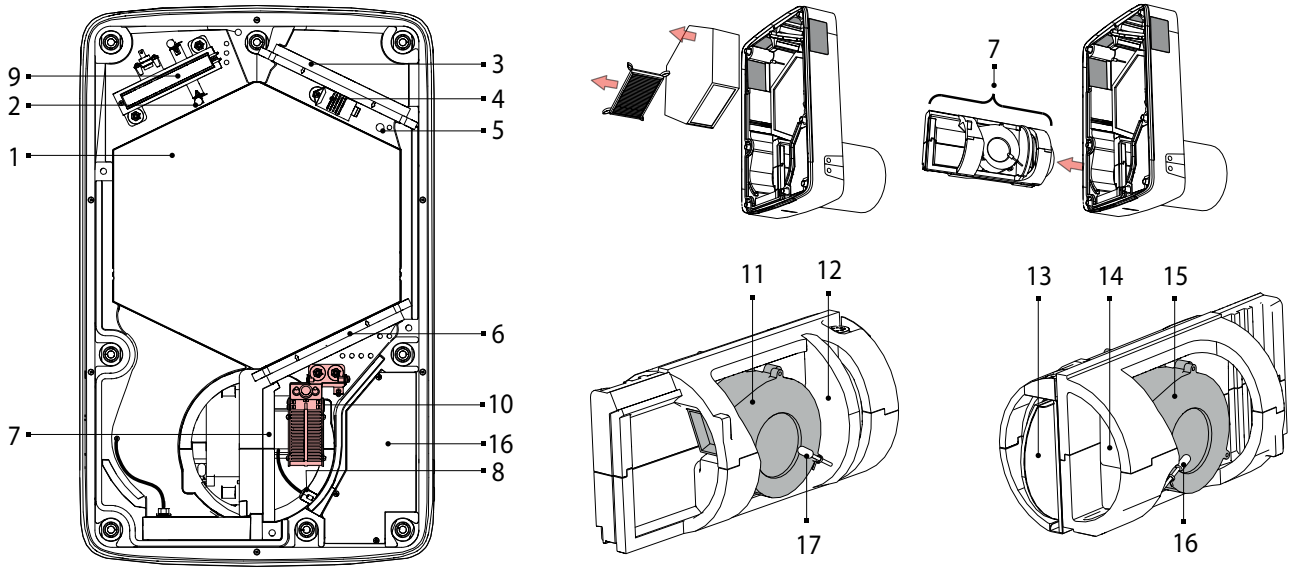


A – space for laying cables.

DESIGN AND OPERATING PRINCIPLE

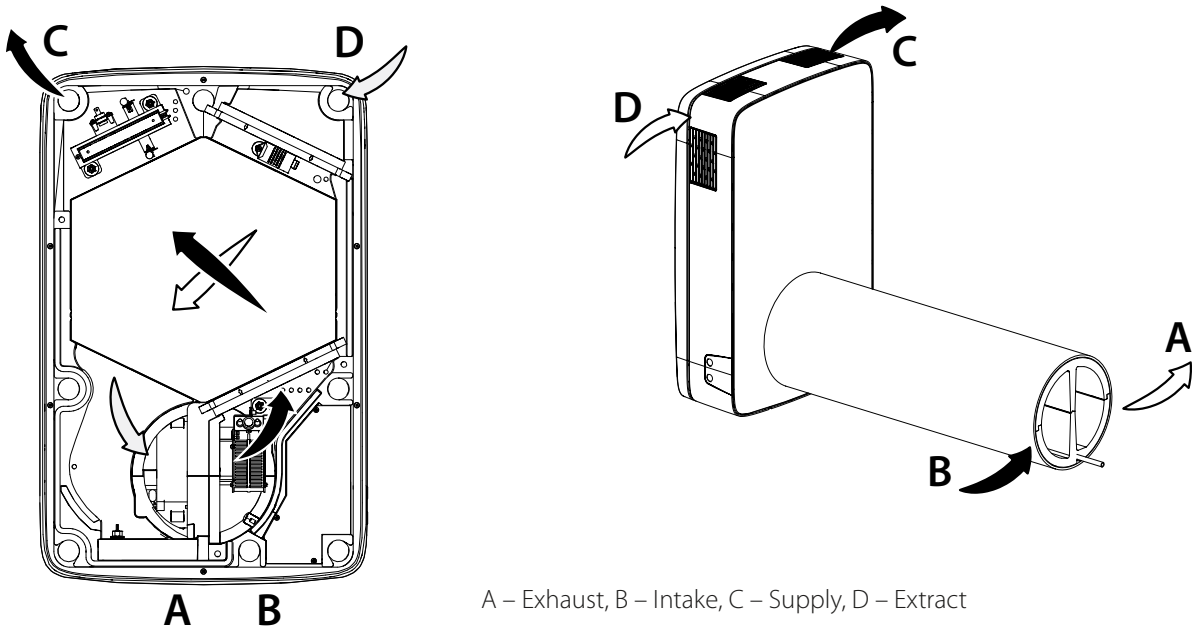
The unit is housed in a sound-insulated casing.
The product consists of an indoor unit equipped with a decorative front panel, a fans unit located inside the mounting sleeve (air duct) and the outer ventilation hood (if available).
The indoor unit houses the product's control elements, filters, heaters (if available) and the heat recovery unit.
The design of the indoor unit ensures the separation of supply and exhaust airflows.
The fans unit design includes two fans and two air dampers.
A gravity damper is installed in the extract air duct, which opens under the action of airflow moving from the room to the outside.
When there is no airflow, it remains closed and prevents natural airflow into the room.
An automated damper with an electric actuator is installed on the supply air duct.
It opens when the supply fan is running and closes when it is not running.
The fans create supply and exhaust airflows.
Coarse filters are located in the path of the airflows.
Exhaust air from the room enters the unit through the right side of the indoor unit, is filtered by the extract filter, then passes through the heat exchanger, and is exhausted outside through the left side of the outdoor hood by the exhaust fan.
Fresh intake air from outside flows through the right side of the outer hood, enters the unit via the supply fan and is filtered through the supply filter.
Then the air flows through the heat exchanger and is supplied to the room through the left side of the indoor unit.
In the heat exchanger, the warmer air stream is cooled down, and in turn warms up the colder air stream.
The air streams remain separated.
During the cold season, the supply air in the heat exchanger is heated by the thermal energy of the warm exhaust air.
During the warm season, if the air conditioner is running in the room, the supply air is cooled as it transfers thermal energy to the exhaust air.
Heat recovery reduces the cost of heating and cooling the premises.
In TwinWall models, condensate may form and is discharged outdoors through an outer ventilation hood.
TwinWall ERV models use a heat exchanger with humidity recovery, which recovers not only heat but also humidity.
In the summer, the heat recovery unit cools and dehumidifies the supply air, and in the winter, it heats up and humidifies it.
The product is equipped with a condensate drain pan and a sensor controlling the condensate level.
If the drainage system is clogged, the emergency safety feature is triggered, shutting the unit down.

The key functional elements are shown in the figure below.



1 – heat exchanger;
2 – supply air temperature sensor;
3 – extract filter;
4 – humidity sensor or CO2–3 sensor;
5 – extract air temperature sensor;
6 – supply filter;
7 – fans unit;
8 – connector between the fan unit and the control unit;
9 – reheater;
10 – preheater;
11 – supply fan;
12 – coarse filter.
13 – supply air damper;
14 – gravity damper in the extract air duct;
15 – extract fan;
16 – control unit
17 – intake air temperature sensor;
18 – exhaust air temperature sensor.

Below is a schematic diagram showing the product's air flow directions.



A – Exhaust, B – Intake, C – Supply, D – Extract

The AirWall E ERV, AirWall E products are equipped with a preheater.

The preheater is designed to protect the heat exchanger from freezing. It is located upstream of the heat exchanger in the supply air flow.

The AirWall E2, AirWall E2 ERV products are equipped with both preheaters and reheaters.

A reheater is designed to provide additional heating to the supply air flow to make the temperature more comfortable. It is located upstream of the heat exchanger in the supply air flow.

MOUNTING AND SET-UP

READ THE USER'S MANUAL BEFORE INSTALLING THE UNIT.

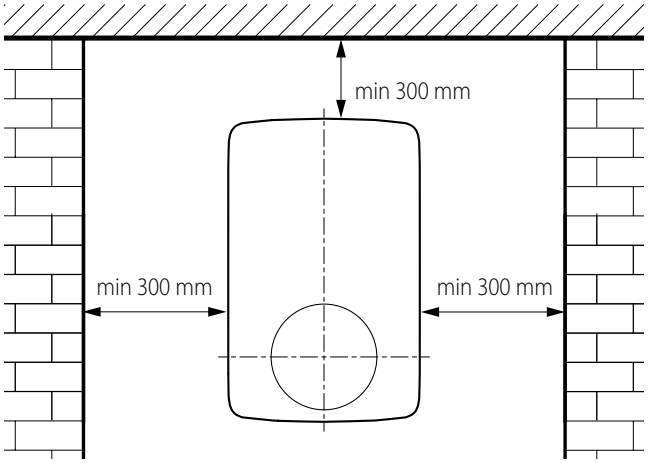
WHILE INSTALLING THE UNIT ENSURE CONVENIENT ACCESS FOR SUBSEQUENT MAINTENANCE AND REPAIR

BEFORE MOUNTING MAKE SURE THE CASING DOES NOT CONTAIN ANY FOREIGN OBJECTS (E.G. FOIL, PAPER).

THE UNIT MUST BE MOUNTED ON A PLANE SURFACE.

MOUNTING OF THE UNIT TO AN UNEVEN SURFACE CAN LEAD TO THE UNIT CASING DISTORTION AND OPERATION DISTURBANCE.

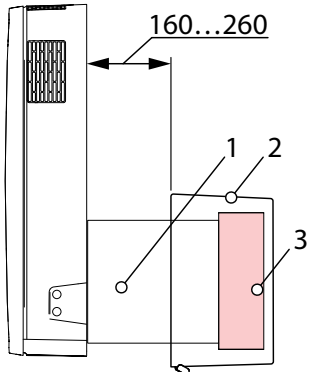
Only install the product on a room's external wall when all finishing work has been completed.
To ensure optimal air distribution in the room, it is recommended to adhere to the minimum clearance distances from the indoor unit casing to surrounding obstacles when selecting the installation location.



Product installation examples based on wall thickness

Wall thickness: 160 mm to 260 mm

Use the AH-S AirWall 250 hood with a trimmed partition.
It is not recommended to leave the partition length shorter than 20 mm.

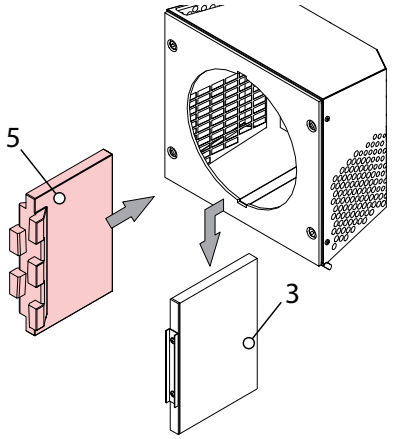


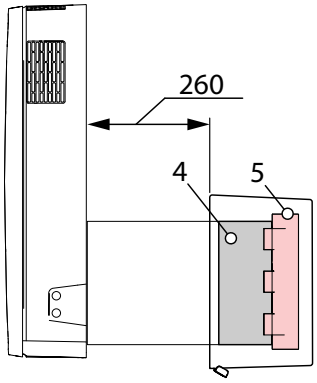
Wall thickness: from 260 mm to 760 mm

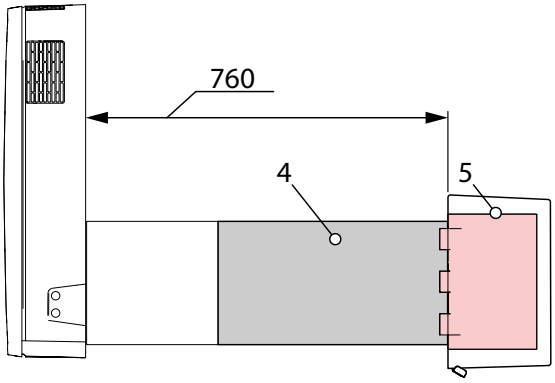
An AH-S AirWall 250 hood with a DE AirWall 500x238 EPP extender can be used, trimmed down as necessary: 500 mm down to 100 mm.

It is not recommended to leave the extension length shorter than 100 mm.

In order to use the AH-S AirWall 250 hood together with the DE AirWall 500x238 EPP extender, the hood's partition must be replaced with a separate accessory — the original joint for the DDE AH-S AirWall hood.
The DDE AH-S AirWall joint can also be trimmed down as necessary.

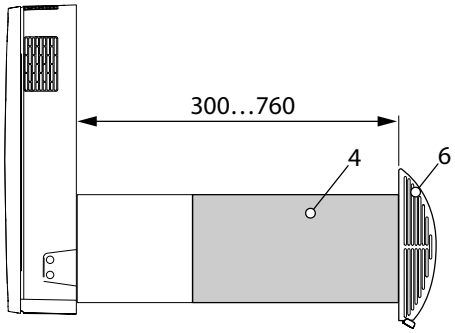






Wall thickness: 300 mm to 760 mm

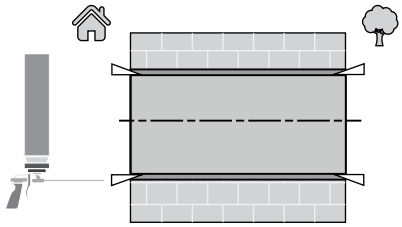
Use the DE AirWall 500x238 EPP trimmed extender, and the AH AirWall 250 hood



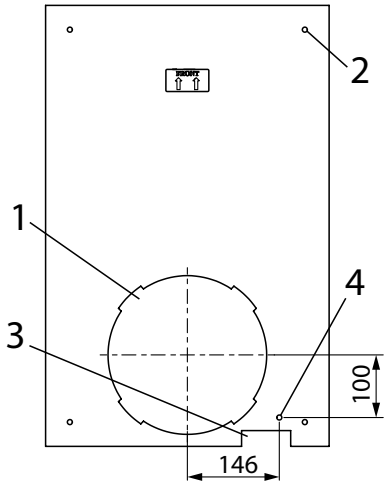
1 – ventilator spigot;
2 – AH-S AirWall 250; ventilation hood;
3 – AH-S AirWall 250; ventilation hood's partition;
4 – DE AirWall 500x238 EPP extender;
5 – DDE AH-S AirWall hood joint;
6 – AH AirWall 250 hood

To install the product, follow the steps below in order:

Prepare a ø 270 mm horizontal round core hole in the room's external wall. The hole must be drilled perpendicularly to the wall.
Trim down the delivered mounting sleeve so that it is as long as the wall is thick.
Fit the mounting sleeve into the wall, making sure it is perfectly horizontal and not tilted.
For ease of installation use the mounting wedges included in the delivery set.
Secure the sleeve with spray foam.

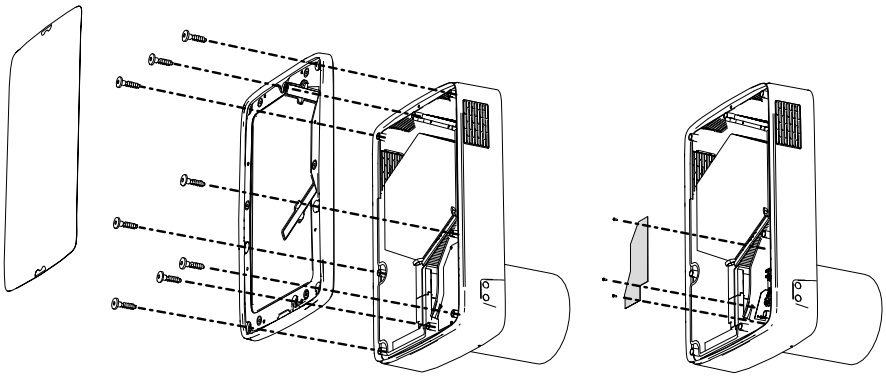


Place the cardboard master plate from the delivery set against the indoor wall. The large opening in the master plate must be coaxial wth the mounting sleeve. Align the master plate horizontally with a spirit level. Secure the master plate to the wall in this position.
Mark the locations of the holes and the cable exit points. When marking, use the distances shown in the figure below from the axis of the mounting sleeve to the power cable exit point for convenience.

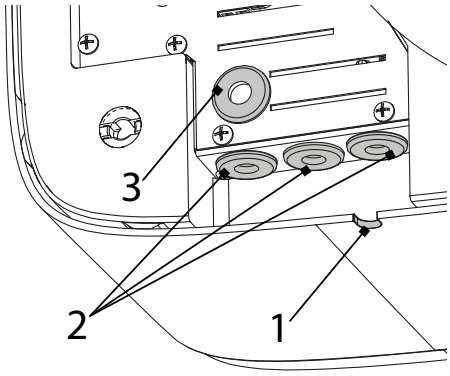


1 – opening for the mounting sleeve; 2 – four openings for marking mounting points;
3 – cable exit point for surface mounting; 4 – power cable exit point for flush mounting.

To access the mounting openings, remove the decorative plate. Unscrew the 8 plastic screws and remove the unit's front panel. To access the control unit, unscrew the 3 screws holding the cover in place and remove it. If you are using an extender, slide it onto the spigot and trim it. Route the drain tube through the extension. Trim the drain pipe down so that it extends 20–40 mm into the ventilation hood.

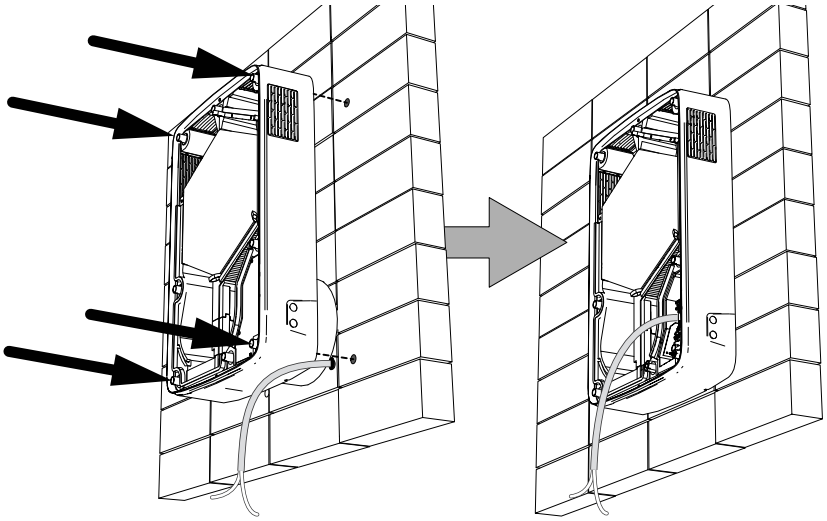


If using an external power connection or connecting external devices, the cables from them must be routed to the appropriate area.



1 – hole in the casing for cable entry; 2 – cable entry hole for surface mounting;
3 – power cable entry hole for concealed mounting

Drill openings as deep as necessary.
When ready, insert the wall anchors from the mounting kit into the holes.
Route the power cable from the wall through the exit point.



Connect the cables to the corresponding terminal blocks on the control unit as described in the "Connection to power mains" section.
Press the unit against the wall. Secure it on the wall using the fasteners in the mounting kit.
In reverse order, install the control unit cover, the front panel and the decorative plate.
Install the outer ventilation hood according to the hood's installation manual.

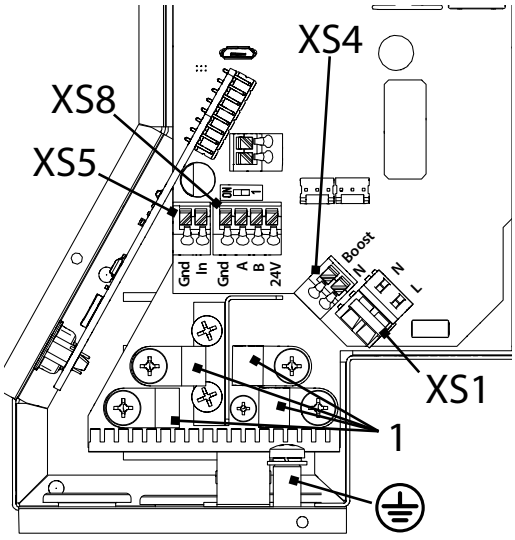
CONNECTION TO POWER MAINS

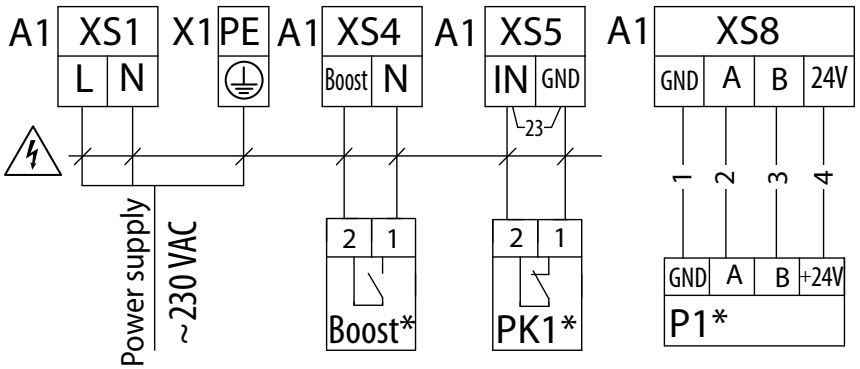
POWER OFF THE POWER SUPPLY PRIOR TO ANY OPERATIONS WITH THE UNIT.
THE UNIT MUST BE CONNECTED TO POWER SUPPLY BY A QUALIFIED ELECTRICIAN.
THE RATED ELECTRICAL PARAMETERS OF THE UNIT ARE GIVEN ON THE MANUFACTURER'S LABEL.

- The unit is designed for connection to power mains with the parameters specified in the technical data table.
- The connection must be made using durable, insulated and heat-resistant conductors (cables, wires). The actual conductor cross-section must be based on the maximum load current allowed, as well as the wire's generated temperature, which in turn depends on its type, insulation, length and installation method.
- The external power input must be equipped with an automatic circuit breaker built into the stationary wiring to open the circuit in the event of overload or short-circuit. The position of the external circuit breaker must ensure free access for emergency unit shutdown. The trip current of the automatic circuit breaker must exceed the maximum current consumption of the unit (see the "Technical data" section). It is recommended to select the rated current of the circuit breaker from the standard series, following the maximum current of the unit being connected. The circuit breaker is not included in the delivery set, ordered separately.

The product's design enables connecting any external controls with a normally opened contact (the NO contact), such as an external CO_2 sensor, a humidity sensor, a switch, etc.
When the NO contact of the external device is closed, the unit switches to the maximum air flow.

The power cords and external devices are connected through the control unit.





1 – cable clamp

Designation	Name	Wire type	Type of contact	Note
A1	Control board			
PK1*	Contact from fire alarm panel	2x0.5 mm^2	N.C.	Remove the jumper 23, ~252AC
P1*	External control panel	4x0.5 mm^2		
Boost*	On/Off contacts of the Boost mode	2x0.5 mm^2	N.O.	

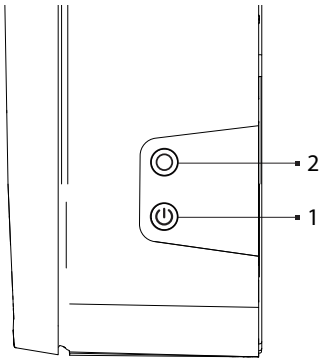
– Electric shock hazard!

*The product is not included in the delivery set.

CONTROL

The unit is controlled using two buttons on its casing and a mobile app; it can also be connected to an external control panel.

Buttons on the unit's casing



1. The unit is turned on and off using the On/Off button.
In the event of a fault, the button's backlight flashes.
A detailed description of malfunctions is provided in the mobile app.

2. Enabling/disabling "Setup Mode."
Pressing and holding the button (for 7 seconds) resets the filter operation timer.

Controlling the device using the mobile app

The unit is controlled via the **Blauberg Home** app on the mobile device.
You can download the app by following the link to the App Store or Play Market, or by using QR codes.

Blauberg Home – App Store

Blauberg Home – Play Market

The product operates as a Wi-Fi access point by default. Upon installing the app, connect the mobile device to the unit, which acts as a Wi-Fi access point with the name (FAN: + 16 characters of the ID) indicated on the control board and device casing.
Wi-Fi access point password: 11111111.
The mobile app allows for controlling the unit via a cloud server.

Wi-Fi technical data

Standard	IEFE 802.11b/g/n
Frequency band [GHz]	2.4
Transmission power [mW] (dBm)	100(+20)
Network	DHCP
WLAN security	WPA, WPA2

Product operation modes

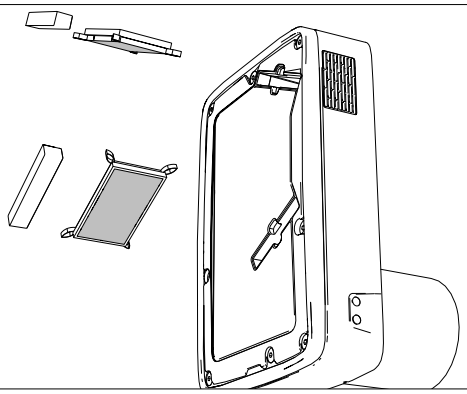
Standard	Main operating mode of the unit. The unit's fans operate at one of the five speeds available. The **AirWall E2** and **AirWall E2 ERV** models can use a preheater to preheat the supply air. You can enable or disable the use of the preheater in the mobile app.
Ventilation	The product runs either in the air exhaust and air supply mode at a set speed. In this mode, one of the fans—either the supply or exhaust fan—operates. The mode can be set up with the mobile app.
Timer	After activating the timer via the mobile app, the product operates for a specified duration at a specific speed (by default, the night timer runs for 8 hours at speed 1). Once the timer elapses, the unit returns to its default operating mode.
Boost	Upon receiving a signal from an external device or when the built-in humidity sensor is triggered, Boost mode is enabled, and the unit switches to the speed preset for Boost mode in the mobile app. Once the signal is lost, Boost mode is disabled, and the unit's speed returns to its previous level. **Boost** mode is enabled and disabled with delays whose durations can be set in the mobile app.
Standby	The mode, in which the device is turned off via the mobile app or the button on the casing's side panel.
Setup mode	It is activated by pressing and holding the timer button on the device's casing. The ventilator will stay in this mode for 3 minutes, after which it will automatically return to the previous settings. To exit the Setup mode immediately, press and hold the timer button for 5 seconds until it beeps and all the LED lights stop flashing. In this mode the following settings are available for the Primary product: • Wi-Fi name: Setup mode. • Wi-Fi password: 11111111. • The device password is ignored.
Frost protection	To prevent the heat exchanger from frost during the cold season, the products are have a frost protection algorithm set up based on readings from the temperature sensor located in the exhaust air duct downstream of the heat exchanger. The algorithm is activated when when extract air temperature drops below +5 °C. If the conditions of this algorithm cannot be met, the product switches to **Standby** mode.
	For **AirWall** and **AirWall ERV** models, the supply fan will cycle on and off. If the risk of the heat exchanger freezing persists, the product switches to Standby mode.
	For **AirWall E, AirWall E ERV, AirWall E2** and **AirWall E2 ERV** models, the preheater is activated; if this proves insufficient, the performance of both fans is reduced. If the risk of the heat exchanger freezing persists, the product switches to Standby mode. In the mobile app, the user can select a type of frost protection that does not use the preheater. In this case, the frost protection algorithm becomes similar to that of the AirWall and AirWall ERV models.

TECHNICAL MAINTENANCE

Maintenance operations of the unit are required 3-4 times per year. It involves regular dusting, cleanings or removal of filters (as necessary), and dry cleaning of fans. Maintenance includes general cleaning of the unit and the following operations:

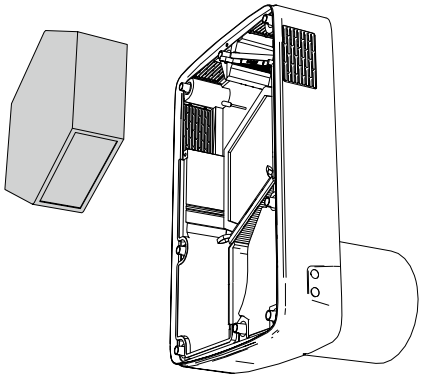
1. Filter maintenance (3-4 times per year).

Clogged filters increase air resistance in the system and reduce supply air volume.
Remove the clogged filters from the unit.
Put new filters back in place inside the unit.
Clean the filters as required, but not fewer than 3-4 times per year.
For new filters, contact the Seller.



2. Heat exchanger maintenance (once per year).

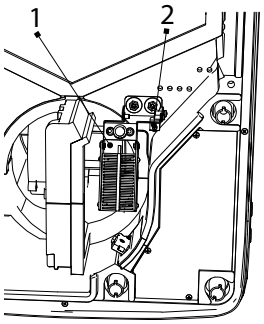
Some dust may accumulate on the side of the heat exchanger even in case of regular maintenance of the filters.
To maintain the high heat recovery efficiency, regular cleaning is required.
It is recommended to occasionally dry-clean the heat exchanger with a vacuum cleaner using a crevice tool.
Remove the protective panels (see p. 11).
Pull the soiled heat exchanger out from the unit, vaccuum it, then put it back inside the unit.

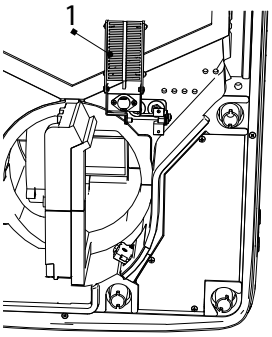


3. Coarse filter cleaning (once every 3 months).

Pull out the heat exchanger and the supply filter.

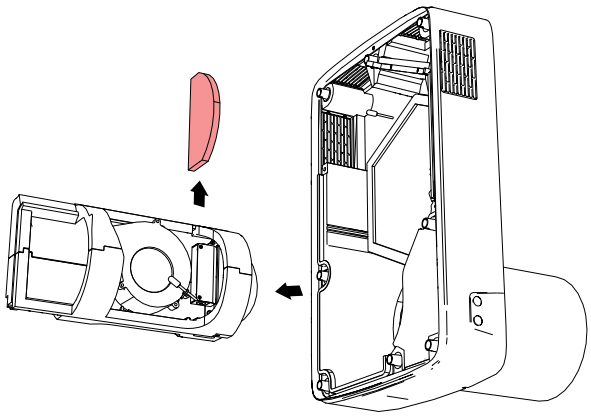
Unscrew the fastener (item 2), which secures the hinges of the preheater (item 1)
Turn the hinged heater upwards as shown in the figure.*





Disable the connection between the fans unit and the control unit (point 8, section "DESIGN AND OPERATING PRINCIPLE").
Pull out the fans unit.
Pull out the filter.
Rinse the filter and let it dry.
Put the dry filter back in place and reassemble the unit in reverse order.
Vacuum cleaning is allowed.
The filter service life is 3 years.

* applies to AirWall E, AirWall E2, AirWall E ERV and AirWall E2 ERV models.



TROUBLESHOOTING

FAULT	POSSIBLE REASONS	TROUBLESHOOTING
The fan(s) does (do) not start when the unit is on.	No power supply.	Make sure the power supply line is connected correctly, otherwise troubleshoot the connection error.
Low supply air temperature.	The extract filter is clogged.	Clean or replace the extract filter.
	The heat exchanger is frozen.	Inspect the heat exchanger for icing. Shut the unit down and wait until the ice melts if necessary.
	The heater is faulty.	Contact the Seller.
Low air flow.	The filters, fans or the heat exchanger are clogged.	Clean or replace the filters; clean the fans and the heat exchanger.
	The ventilation system is clogged or damaged.	Ensure that the diffusers and louvers do open as intended. Inspect the extract hood and supply grille, clean them as necessary. Ensure that the air ducts are not clogged or damaged.
Noise, vibration.	The fan impellers are clogged.	Clean the impellers.
	The screws of the fan casing are loose.	Tighten the screws.

STORAGE AND TRANSPORTATION REGULATIONS

- Store the unit in the manufacturer's original packaging box in a dry closed ventilated premise with temperature range +5...+40 ˚C and relative humidity up to 70 %.
- Storage environment must not contain aggressive vapors and chemical mixtures provoking corrosion, insulation, and sealing deformation.
- Use suitable hoist machinery for handling and storage operations to prevent possible damage to the unit.
- Follow the handling requirements applicable for the particular type of cargo.
- The unit can be carried in the original packaging by any mode of transport provided proper protection against precipitation and mechanical damage. The unit must be transported only in the working position.
- Avoid sharp blows, scratches, or rough handling during loading and unloading.
- Prior to the initial power-up after transportation at low temperatures, allow the unit to warm up at operating temperature for at least 3-4 hours.

MANUFACTURER'S WARRANTY

The product is in compliance with EU norms and standards on low voltage guidelines and electromagnetic compatibility. We hereby declare that the product complies with the provisions of Electromagnetic Compatibility (EMC) Directive 2014/30/EU of the European Parliament and of the Council, Low Voltage Directive (LVD) 2014/35/EU of the European Parliament and of the Council and CE-marking Council Directive 93/68/EEC. This certificate is issued following test carried out on samples of the product referred to above.
The manufacturer hereby warrants normal operation of the unit for 24 months after the retail sale date provided the user's observance of the transportation, storage, installation, and operation regulations. Should any malfunctions occur in the course of the unit operation through the Manufacturer's fault during the guaranteed period of operation, the user is entitled to get all the faults eliminated by the manufacturer by means of warranty repair at the factory free of charge. The warranty repair includes work specific to elimination of faults in the unit operation to ensure its intended use by the user within the guaranteed period of operation. The faults are eliminated by means of replacement or repair of the unit components or a specific part of such unit component.

The warranty repair does not include:

- routine technical maintenance
- unit installation/dismantling
- unit setup

To benefit from warranty repair, the user must provide the unit, the user's manual with the purchase date stamp, and the payment paperwork certifying the purchase. The unit model must comply with the one stated in the user's manual. Contact the Seller for warranty service.

The manufacturer's warranty does not apply to the following cases:

- User's failure to submit the unit with the entire delivery package as stated in the user's manual including submission with missing component parts previously dismounted by the user.
- Mismatch of the unit model and the brand name with the information stated on the unit packaging and in the user's manual.
- User's failure to ensure timely technical maintenance of the unit.
- Damage to the unit casing and internal components caused by the user.
- Redesign or engineering changes to the unit.
- Replacement and use of any assemblies, parts and components not approved by the manufacturer.
- Unit misuse.
- Violation of the unit installation regulations by the user.
- Violation of the unit control regulations by the user.
- Unit connection to power mains with a voltage different from the one stated in the user's manual.
- Unit breakdown due to voltage surges in power mains.
- Discretionary repair of the unit by the user.
- Unit repair by any persons without the manufacturer's authorization.
- Expiration of the unit warranty period.
- Violation of the unit transportation regulations by the user.
- Violation of the unit storage regulations by the user.
- Wrongful actions against the unit committed by third parties.
- Unit breakdown due to circumstances of insuperable force (fire, flood, earthquake, war, hostilities of any kind, blockades).
- Missing seals if provided by the user's manual.
- Failure to submit the user's manual with the unit purchase date stamp.
- Missing payment paperwork certifying the unit purchase.



FOLLOWING THE REGULATIONS STIPULATED HEREIN WILL ENSURE A LONG AND TROUBLE-FREE OPERATION OF THE UNIT



USER'S WARRANTY CLAIMS SHALL BE SUBJECT TO REVIEW ONLY UPON PRESENTATION OF THE UNIT, THE PAYMENT DOCUMENT AND THE USER'S MANUAL WITH THE PURCHASE DATE STAMP

CERTIFICATE OF ACCEPTANCE

Unit Type	Air handling unit
Model	
Serial Number	
Manufacture Date	
Quality Inspector's Stamp	

SELLER INFORMATION

Seller	
Address	
Phone Number	
E-mail	
Purchase Date	
This is to certify acceptance of the complete unit delivery with the user's manual. The warranty terms are acknowledged and accepted.	
Customer's Signature	

Seller's Stamp

INSTALLATION CERTIFICATE

The _____ unit is installed pursuant to the requirements stated in the present user's manual.		
Company name		
Address		
Phone Number		
Installation Technician's Full Name		
Installation Date:	**Signature:**	
The unit has been installed in accordance with the provisions of all the applicable local and national construction, electrical and technical codes and standards. The unit operates normally as intended by the manufacturer.		
Signature:		

Installation Stamp

WARRANTY CARD

Unit Type	Air handling unit
Model	
Serial Number	
Manufacture Date	
Purchase Date	
Warranty Period	
Seller	

Seller's Stamp

BLAUBERG

Manufacturer: Ventilation Systems LLC,
Ukraine, Kyiv, 1 M. Kotsyubynskoho Street
Address of production facilities:
Ukraine, Kyiv Region, Fastiv District, Boyarka, 36 Sobornosti Street

blaubergventilatoren.net
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