USER'S MANUAL

VUE2 150 P EC Comfo A6

AIR HANDLING UNIT WITH HEAT AND ENERGY RECOVERY

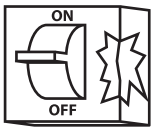
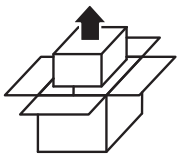
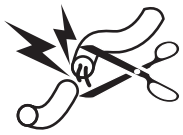
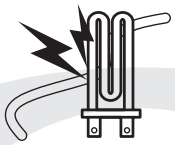
CONTENTS

- Read this user's manual carefully prior to the operation and installation of the air handling unit with heat and energy recovery, hereinafter the unit.
- Installation and operation of the unit shall be performed in accordance with the present user's manual as well as the provisions of all the applicable local and national construction, electrical and technical codes and standards.
- The warnings contained in the present user's manual must be considered most seriously since they contain vital personal safety information.
- Failure to follow the safety regulations may result in an injury or unit damage.
- Upon familiarization keep the user's manual for the entire service life of the unit.
- While transferring equipment control the user's manual must be turned over to the receiving operator.

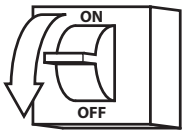
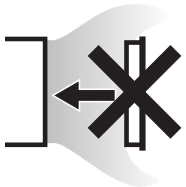
The symbols used in the present user's manual have the following meaning:

	**ATTENTION!**
	**RESTRICTIONS!**

UNIT INSTALLATION SAFETY PRECAUTIONS

	The unit must be disconnected from the power supply prior to every installation or repair operation.		The unit must be properly grounded!
	The unit must not be operated outside the temperature range stated in the user's manual or in aggressive or explosive environments.		Do not use damaged equipment or conductors to connect the unit to the power mains.
	While installing the unit follow the safety regulations specific to the use of electric tools.		Unpack the unit with care.
	Do not change the power cord length at your own discretion. Do not bend the power cord. Avoid damaging the power cord.		Do not position any heating devices or other equipment in close proximity to the unit power cord.

UNIT OPERATION SAFETY PRECAUTIONS

	Do not touch the controller or the control panel with wet hands. Do not carry out the unit maintenance with wet hands.		Do not wash the unit with water. Avoid penetration of water onto the electric parts of the unit.
	Use the unit only as intended by the manufacturer. Do not connect any clothes dryers or other similar equipment to the unit or the ventilation circuit.		Do not put any water containers (e.g. vases etc.) on top of the unit.
	Do not sit on the unit or put any foreign objects on top of the unit.		Disconnect the unit from the power mains prior to any technical maintenance.
	Do not let children operate the unit.		Keep the power cord intact while operating the unit. Do not put any foreign objects on top of the power cord.
	Do not store any flammable gases or highly flammable substances in close proximity to the unit.		Do not open the unit during its operation.
	Should the unit generate any unusual sounds, smells or smoke disconnect it from the power mains and contact the service centre.		Check the unit for secure installation periodically in case of prolonged operation.
	Do not block the air duct while the unit is operating.		Do not direct the air flow generated by the unit onto combustion equipment or burning candles.

INTRODUCTION

This user's manual combines technical description, operation and service manual, technical data sheet and installation guidelines for the air handling unit with heat recovery VENTS VUE2150 P EC Comfo, hereinafter the unit.

USE

The unit is designed to ensure continuous mechanical air exchange in houses, offices, hotels, cafés, conference halls, and other utility and public spaces 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 a component part and is not designed for stand-alone operation.

It 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).

Relative humidity of transported air must not exceed 80 % at an ambient temperature of +20 °C.

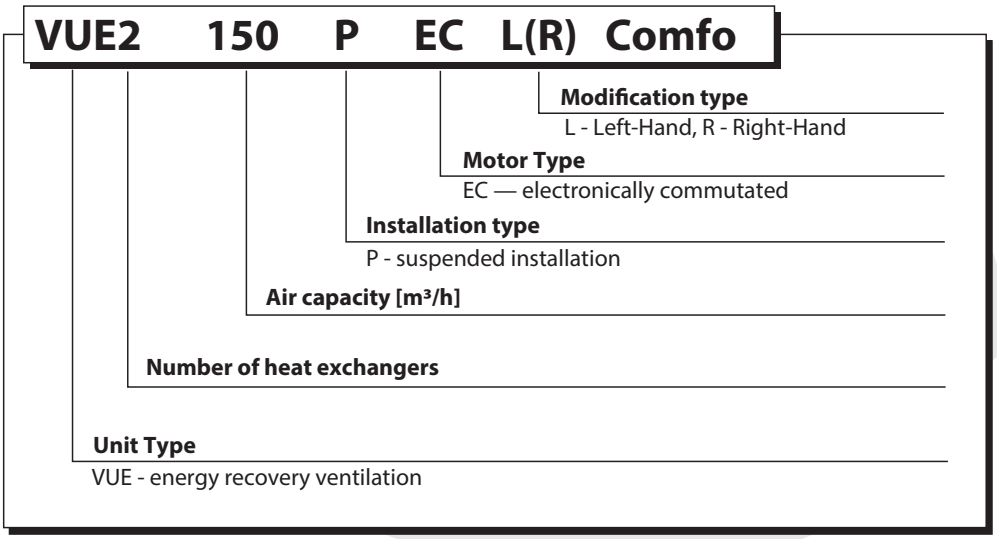
THE UNIT IS NOT INTENDED FOR OPERATION BY CHILDREN OR ANY PERSONS WITH REDUCED PHYSICAL, MENTAL OR SENSORY CAPACITIES AS WELL PERSONS LACKING THE REQUIRED TRAINING.

THE UNIT MUST BE HANDLED ONLY BY PROPERLY QUALIFIED PERSONNEL AFTER THE APPROPRIATE SAFETY BRIEFING. THE UNIT INSTALLATION SITES MUST PREVENT ACCESS BY UNATTENDED CHILDREN.

DELIVERY SET

- Unit - 1 piece;
- Control Panel — 1 piece;
- Remote Control - 1 piece;
- User's manual - 1 piece;
- Shipping Box - 1 piece.

DESIGNATION KEY



TECHNICAL DATA

The unit is designed for operation in an enclosed area at ambient temperatures from +5 ºC to + 40 ºC at relative humidity of up to 80%.

In order to prevent condensation on the internal walls of the units, it is necessary that the surface temperature of the casing is 2-3 °C higher than the dew point temperature of the transported air.

The unit must be grounded.

Hazardous parts access and water ingress protection ratings:

- Unit motors - IP 44;
- Unit assembly connected to air ducts - IP 22.

The main overall and connecting dimensions as well as the unit view and technical parameters of the unit are given on Fig. 1 and in Table 1.

The unit design is regularly improved, so some models may slightly differ from those ones described in this manual.

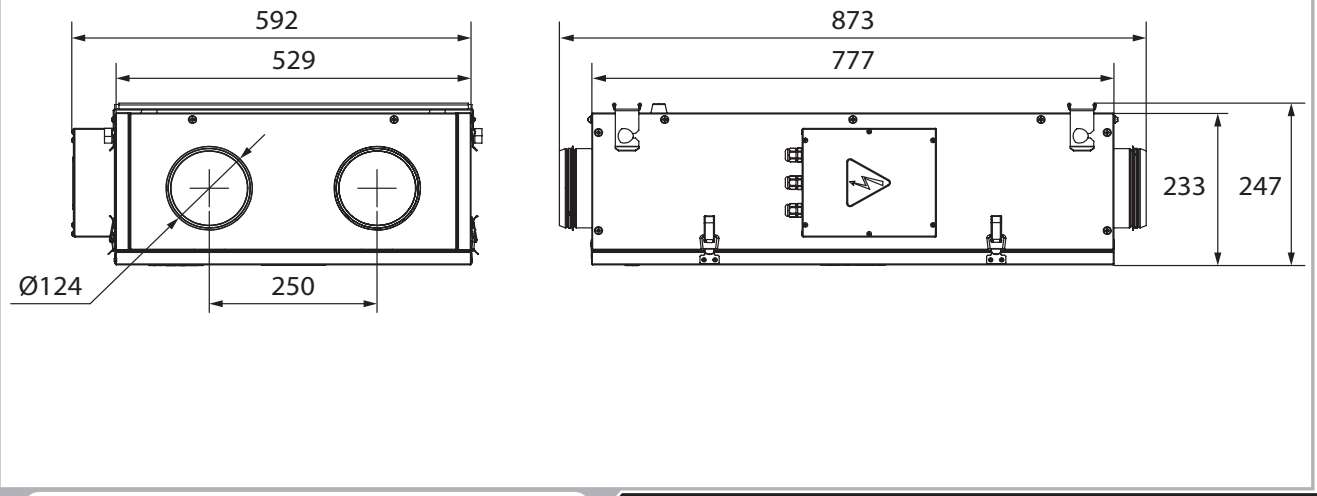


Fig. 1. Overall and connecting dimensions

Table 1. Main technical parameters

Type	VUE2 150 P EC Comfo
Supply voltage [V] / 50/60 Hz	1 ~ 230
Total Unit power [W]	57
Total unit current [A]	0.55
Max. air flow [m^3/h]	170
Rotation speed [min^{-1}]	3730
Sound pressure level at 3 m [dB(A)]	28
Max. transported air temperature [°C]	from -25 °C to +40 °C at max. humidity of 80%
Casing material	Zinc aluminium
Insulation	mineral wool, 20 mm
Filter (Air extract/ air supply)	G4 (order code: SFK VUE2 150 P EC Comfo)
Connected air duct diameter [mm]	Ø 125
Weight [kg]	18
Heat recovery efficiency	up to 87%
Heat exchanger type	Cross flow, 2 items
Heat exchanger material	Polymerized cellulose

Table 2. Control panel parameters

Ambient temperature [°C]	from 0 up to +40
Relative humidity [%]	from 5 up to 90 (no condensation)
Cable cross section [mm2]	from 0.18 to 0.35
Material	ABS plastic
Dimensions (WxHxD) [mm]	86x86x14
Cable length [m]	up to 10
IP rating	IP30

DESIGN AND OPERATING LOGIC

The unit design and operating logic are stated on fig. 2:

The warm stale air from the premises enters the unit through air ducts where it is stripped of impurities and then extracted through the heat exchangers by means of the exhaust fan further outside via the air ducts. The cool fresh air from the outside enters the unit through air ducts where it is stripped of impurities in the supply filter and then extracted through the heat exchangers by means of the supply fan further into the premises via the air ducts.

The heat exchangers ensure energy exchange between the warm stale air extracted from indoors with the cool fresh air supplied from outdoors. The air streams remain completely separated in the process. Sensible and latent heat energy recovery reduces heat energy losses and, consequently, heating costs in the cold season and the air conditioning costs in the warm season.

The units are offered in the left-hand and right-hand variants for installation convenience.

The polymerized cellulose heat exchangers are used to recover both sensible and latent energy contained in the extract air and transfer it to the cold intake air flow from outside.

The polymerized cellulose heat exchangers act as air moisture accumulators when the ambient air humidity is too low or as supply air dehumidifiers if the ambient humidity is high. Due to the excellent water-absorbing properties of the heat exchanger material the unit drainage is not required. The heat exchangers are used to minimise heat energy losses and, consequently, heating costs in the cold season.

The unit design is shown on Fig. 2.

The units are equipped with a quick-release access panel on special gaskets for easy repair and maintenance.

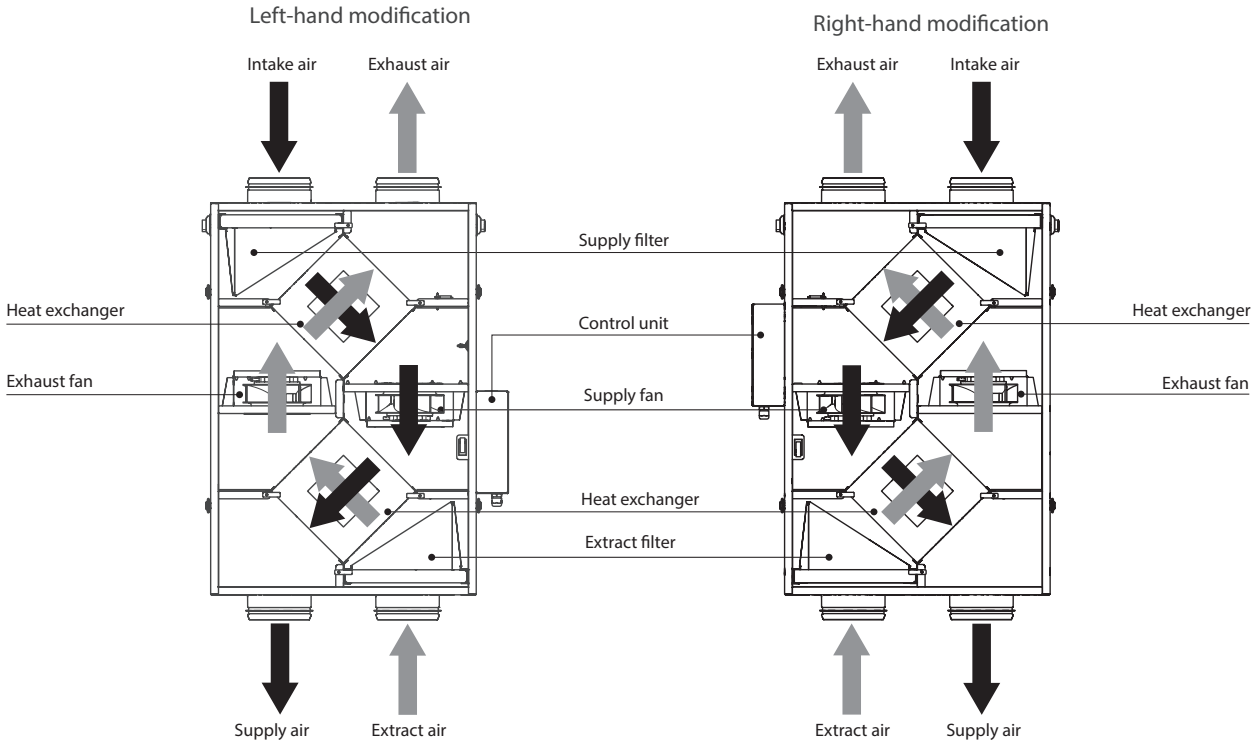


Fig. 2. Design and operating logic

MOUNTING AND SETUP

While installing the unit ensure convenient access for subsequent maintenance and repair. The unit is attached to the ceiling by means of two brackets secured to the ceiling with screws and dowels and four triangular yokes (the brackets and yokes are included in the delivery package), see Fig. 3.

The wall mounting option is also available. The unit can be mounted on a wall by means of a single bracket, see Fig. 3.

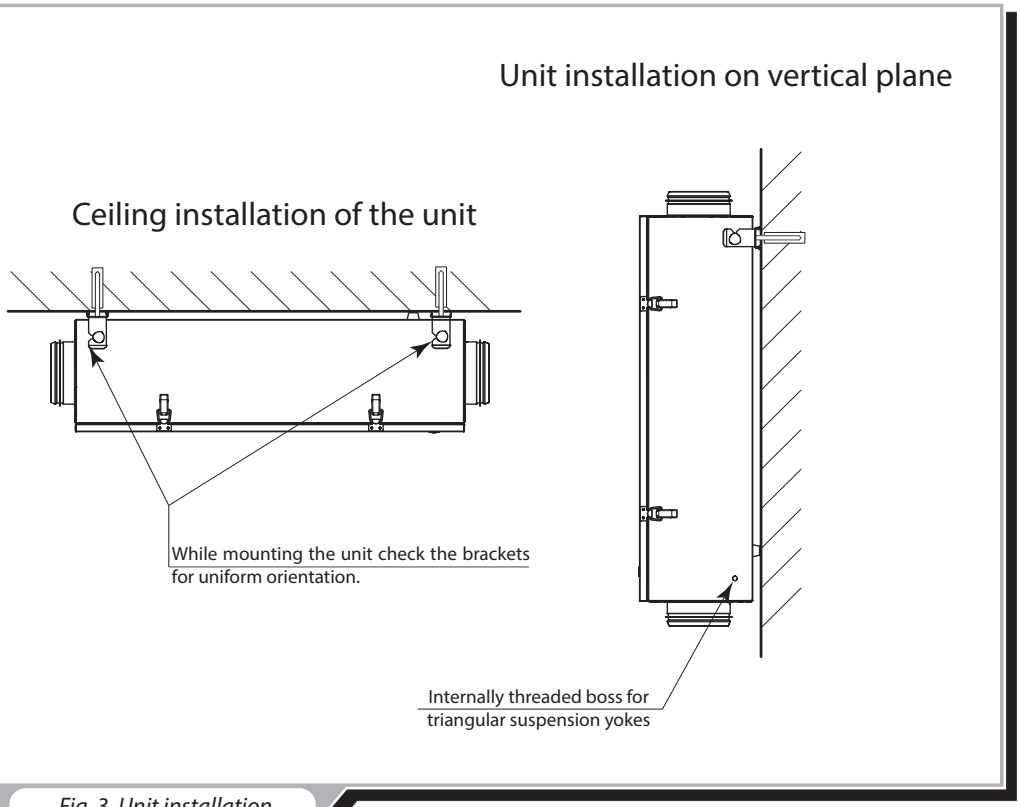


Fig. 3. Unit installation

The absence of a drain pan in the unit enables its installation in any position provided unhindered access for maintenance.

For best unit performance connect a straight duct section at least 1 m long on both sides of the unit.

The unit spigots must be equipped with grates or other similar devices with the maximum cell diameter of 12 mm to prevent free access to the fans.

Safety Precautions:

The unit must be mounted on a rigid and stable substructure. Make sure that the installation structure can sustain the weight of the unit. Reinforce the installation area with beams etc. if required. Prior to installation make sure that the ambient conditions are suitable for the unit operation. Prior to installation make sure that the casing does not contain any foreign objects such as wrapping film and paper.

If the abnormal noise is generated at the spiral duct connection point replace the spiral air duct with a flexible one to eliminate resonance. The same effect may be achieved by using flexible connectors.

Control panel installation.

The wall-mounted control panel is installed as follows:

- Use a screwdriver to carefully undo the clips in the lower part of the wall-mounted control panel through the access holes, Fig. 4.1.
- Remove the back cover.
- Disconnect the cable from the terminal block.
- Lay the cable in the wall to the panel installation site.
- Attach the panel back cover to the wall, Fig. 4.2.
- Connect the cable to the terminal block.
- Clip the wall-mounted panel fascia in place.

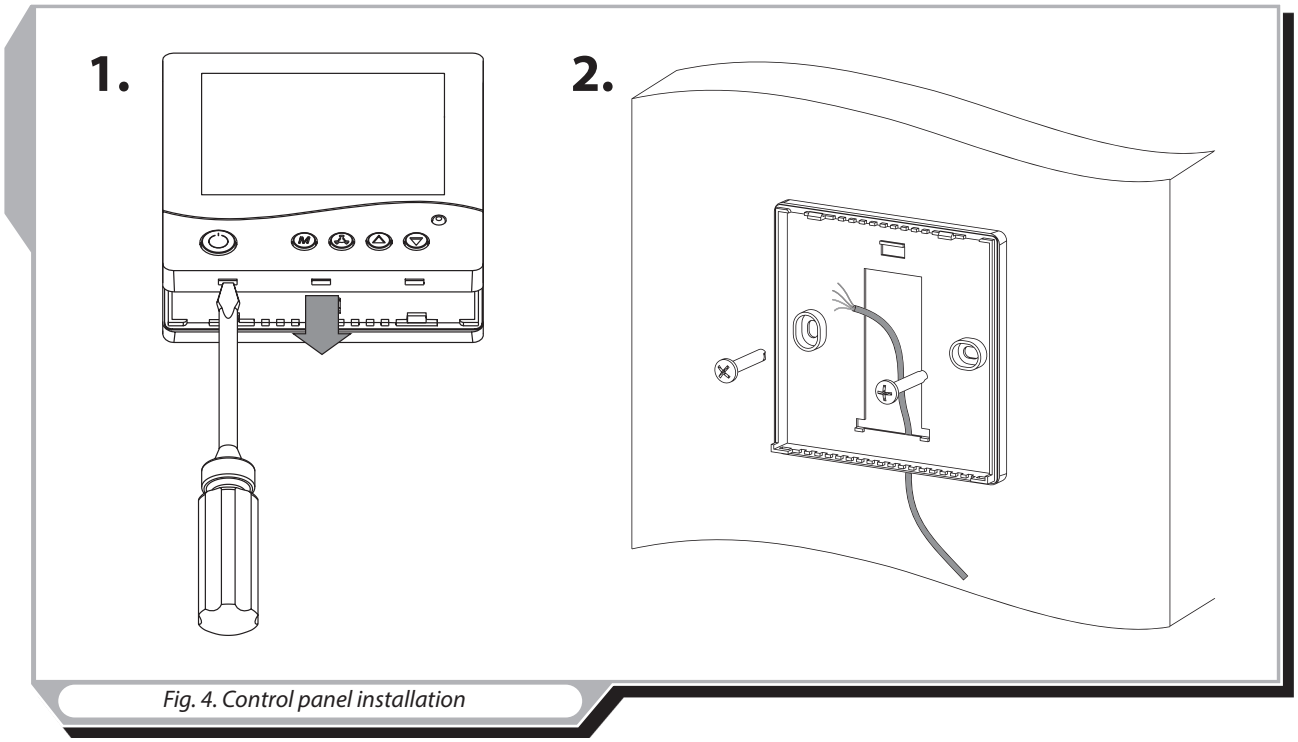


Fig. 4. Control panel installation

CONNECTION TO POWER MAINS

THE POWER MAINS CONNECTION SHALL ONLY BE PERFORMED BY QUALIFIED PERSONS AFTER CAREFUL STUDY OF THE PRESENT USER'S MANUAL.

THE UNIT IS ONLY INTENDED FOR AC MAINS SUPPLYING THE VOLTAGE COMPLIANT WITH THE TECHNICAL PARAMETER TABLE. CHECK THE CABLE FOR CHOKING.

DO NOT SWITCH ON THE UNIT IF THE CABLE IS DAMAGED. NEVER UNPLUG THE UNIT FROM THE SOCKET WITH WET HAND OR BY HOLDING THE ELECTRIC CABLE.

DISCONNECT THE UNIT FROM THE POWER SUPPLY PRIOR TO ANY WORK ON THE UNIT!

THE RATED ELECTRICAL PARAMETERS OF THE UNIT ARE STATED ON THE RATING PLATE.

ANY TAMPERING WITH THE INTERNAL CONNECTIONS IS PROHIBITED AND WILL VOID THE WARRANTY.

The unit is designed for connection to 230 V / 50/60 Hz single-phase AC mains. The unit has a power cord with a Euro plug to connect to a grounded IEC 60884-1 compliant socket. The power cord is pre-wired to X1 terminal block.

The external power input must be equipped with an automatic cut-out switch built into the stationary wiring to disconnect all the power mains phases. The external switch position must ensure free access for quick power-off of the unit. The trip current must be not less than the consumption current. The recommended automatic switch rated current is 1 A. The conductor cross section is 0.75 mm^2. The given conductor section value is tentative. In practice the conductor selection shall be based on the maximum permissible wire heating depending on the wire type, its insulation, length and installation method (i.e. overhead, in pipes or inside the walls).

Use only copper core wires.

The unit must be properly grounded!

The unit enables the following external connection options (X3 connector markings as shown on the label are given in round brackets - Fig. 5):

- Automatic fire extinguishing system contact («PK»);
- Humidity relay (humidistat) contact or CO2 sensor contact («H»);
- «3-point control» air damper contact («Y-N, Y-L, Y-C»).

Upon connecting the automatic fire extinguishing system contact remove the jumper between the terminals X3:1 and X3:2 of terminal block X3. In this case a normally closed «dry» contact is used which opens the unit control circuit on fire-triggered actuation from the central fire-fighting station cutting the unit power.

The humidistat (or CO2 sensor) is connected to the terminals X3:3 and X3:4 of the terminal connector X3. The connection relies on a normally closed «dry» contact. Once closed the unit switches to maximum speed.

The air damper actuator is connected to the terminals X3:5, X3:6 and X3:7 of terminal block X3. The same contacts can be used for parallel connection of one more damper. Any extra contacts are connected according to the wiring connection diagram (Fig. 5).

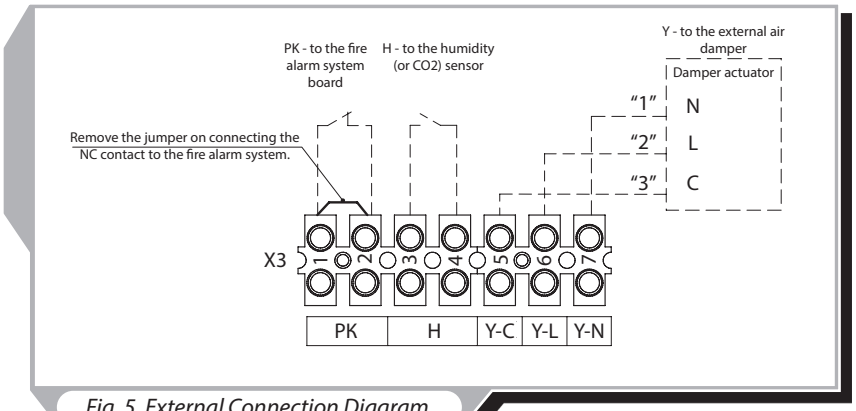


Fig. 5. External Connection Diagram

UNIT CONTROL

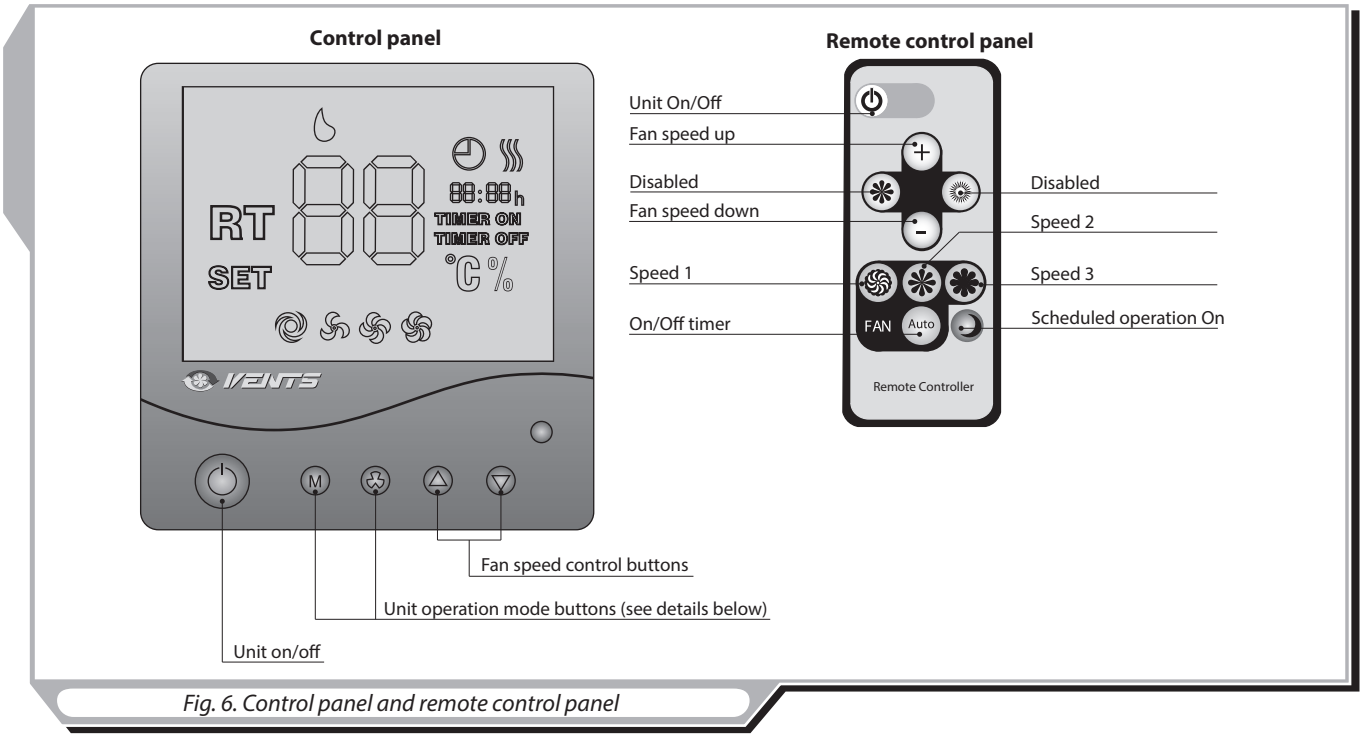


Fig. 6. Control panel and remote control panel

The unit is controlled by means of the remote-mounted control panel and the remote controller (Fig. 6).

1. Unit Activation \ Deactivation.

The unit is activated \ deactivated:

- from the control panel — with the On/Off button ;
- from the remote control panel by means of the Unit On/Off button .

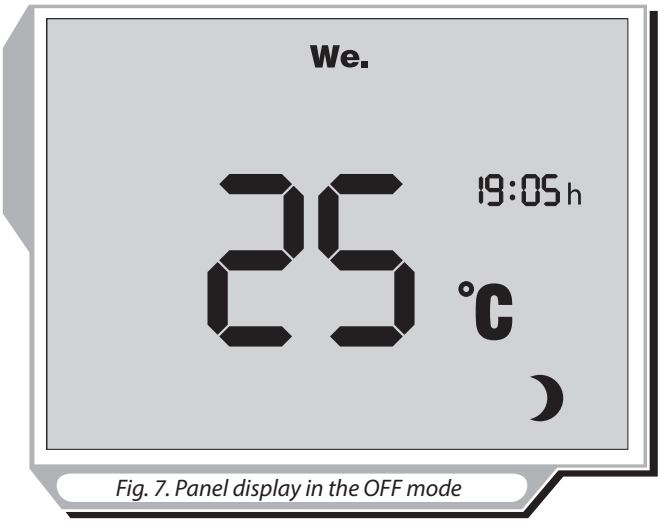


Fig. 7. Panel display in the OFF mode

When the unit is off (Fig. 7) the control panel display indicates:

- Room temperature;
- Day;
- Time;
- Deactivated status .

Рис. 8. Дисплей во включенном состоянии

When the unit is on (Fig. 8) the control panel display indicates:

- Room temperature;
- Day;
- Time;
- Fan speed status ;
- Timer status;

• Timer operation is shown by the TIMER ON indicator.

• When the timer is switched off the TIMER OFF indicator goes on.

2. Unit Ventilation Mode Selection

The unit fan speed can be set in several ways:

- From the control panel: Press the button to increase the speed or press the button to reduce the speed cyclically (i.e. speed 1 - speed 2 - speed 3);
- From the remote controller: Press the button to increase the speed or press the button to reduce the speed cyclically (i.e. speed 1 - speed 2 - speed 3);
- From the remote controller: Press the button to select speed 1, press the to select speed 2 or press the button to select speed 3 correspondingly.

The control panel display shows the current fan speed status:

- Indicator — «Speed 1» mode;
- Indicator — «Speed 2» mode;
- Indicator — «Speed 3» mode.

3. Timer.

The timer enables automatic switching of the fans to the maximum speed with automatic reset after a set period of time in the range from 20 to 60 minutes.

The timer can be activated / deactivated:

- From the control panel: to activate the timer press and hold the button and then press the button. A single press of the button sets the timer to 20 minutes while each subsequent press increases the timer setting in 10 minute increments. The maximum timer value is 60 minutes. To deactivate the timer press and hold the button for 3 seconds;
- From the remote controller: to activate the timer for 20 minutes press the Auto button. To deactivate the timer switch the unit off by means of the button.

4. Heat Exchanger Freezing Protection.

If the exhaust air temperature downstream of the heat exchanger falls below +3 °C the supply fan shuts down. When the air temperature rises above the +3 °C threshold, the unit reverts to rated operation.

5. Unit Parameter Setup.

CHANGING THE UNIT SETTINGS WILL DISCARD THE FACTORY SETTINGS!
FAN SPEED CAN ONLY BE ADJUSTED FROM THE CONTROL PANEL!

Fan Speed Setup Mode.

At the setup stage each of the speed settings (Speed 1, Speed 2 and Speed 3) can be attributed a specific supply and exhaust fan performance. To enter the fan speed setup mode switch off the unit, then press and hold the M button on the control panel and hold ⏻ button for 3 seconds.

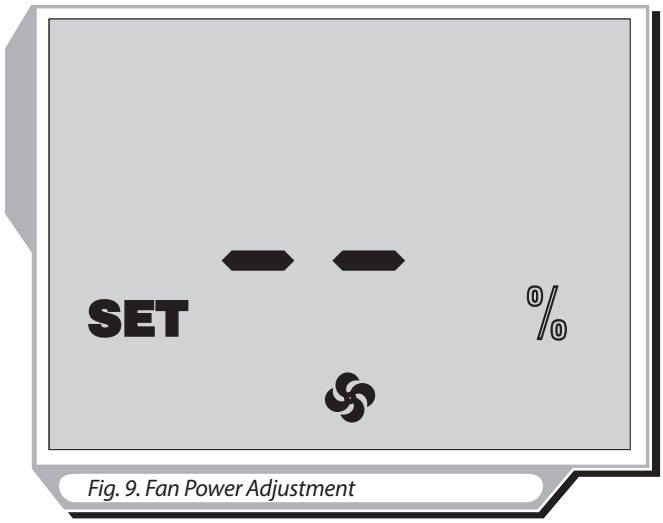


Fig. 9. Fan Power Adjustment

Upon entering the setup mode the panel display screen will show the SET and % indicators (Fig. 9).

- Set the fan speed as necessary using the △ and ▽ buttons.

While the speed is being set the display screen will show the currently selected speed , or .

- To change the supply fan power press and hold the M button, then press the △ button to increase the speed or press the ▽ button to decrease it. Each press of the △ and ▽ buttons increases or reduces the supply fan power in 1 % increments. While the M button is pressed the display screen will indicate the current supply fan power (Fig. 10).
- To change the exhaust fan power press the button and while holding it use the △ button to increase the power or the ▽ button to decrease the power. Each press of the △ and ▽ buttons increases or reduces the exhaust fan power in 1 % increments. With the button pressed the display screen will indicate the current exhaust fan power.

To exit the fan speed setup mode and save the changes press and hold the ⏻ button. The remote controller cannot be used to adjust the fan speed.

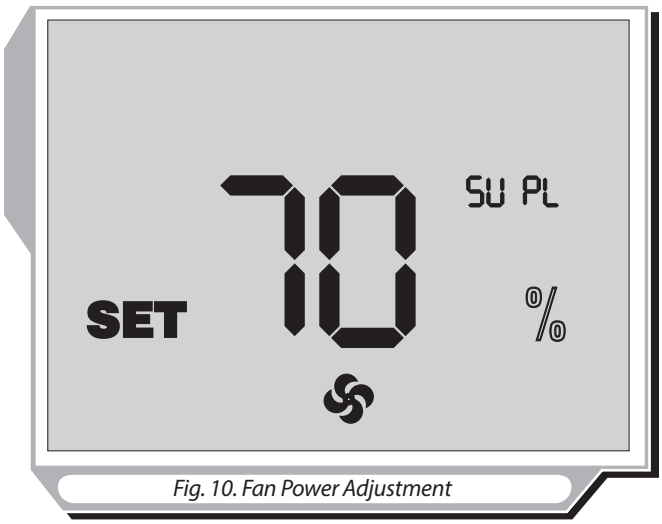


Fig. 10. Fan Power Adjustment

To revert to the factory settings enter the fan speed setup mode, press the △ and ▽ buttons simultaneously and hold them for 3 seconds.

Factory Fan Speed Settings:
Speed 1 — 40 %
Speed 2 — 70 %
Speed 3 — 100 %

6. Filter Replacement Indication.

When the filters have reached the end of their service life (3,000 hours) the operating mode temperature normally shown on the control panel display is replaced by the F indicator prompting filter replacement or cleaning (Fig. 11).

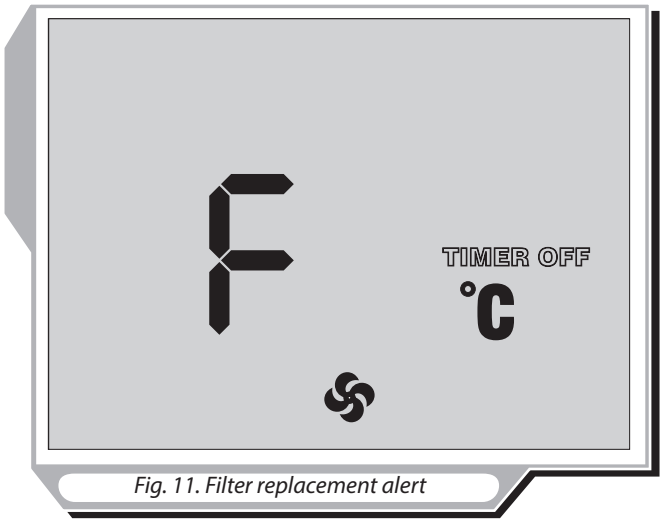


Fig. 11. Filter replacement alert

- In case of filter replacement alert F switch off the unit by pressing the button and disconnect it from the power mains. Replace the filters (see the sequence given in the "Technical Maintenance" section, page 14).
- Connect the unit to the power mains and switch it on by means of the button on the control panel or the button on the remote control. Then press the and buttons simultaneously to reset the motor meter. Otherwise the motor meter will not be reset and the display will show the F alert.

7. Date and Time Setup.

- Switch the unit off.
- To enter the date and time setup mode press and hold the M, button, then press the button on the control panel.
- While holding the M button select the parameter for adjustment by using the and buttons. The parameter being adjusted is blinking.

The date and time parameters are ordered as follows:

1. Minutes;
2. Hours;
3. Day;
4. Date;
5. Month;
6. Year.

- Set the necessary parameter value on the control panel using the and buttons.
- To exit the date and time setup mode press the button.

8. Scheduled Operation Mode.

- To activate the scheduled operation mode press and hold the button, and then press the button on the control panel. The scheduled operation mode is confirmed by the indicator glowing on the display screen.
- To deactivate the scheduled operation mode press and hold the button, and then press the button on the control panel.
- The scheduled operation mode can be activated or deactivated using the button on the remote controller.
- The timer settings will always prevail over the scheduled operation parameters.

9. Scheduled Operation Setup.

There are four entries available for each day which may contain the time for unit switching to a specific fan speed.

- To access the scheduled operation settings switch off the unit using the button on the control panel or the button on the remote controller.
- Press and hold the M button on the control panel, then press the button.

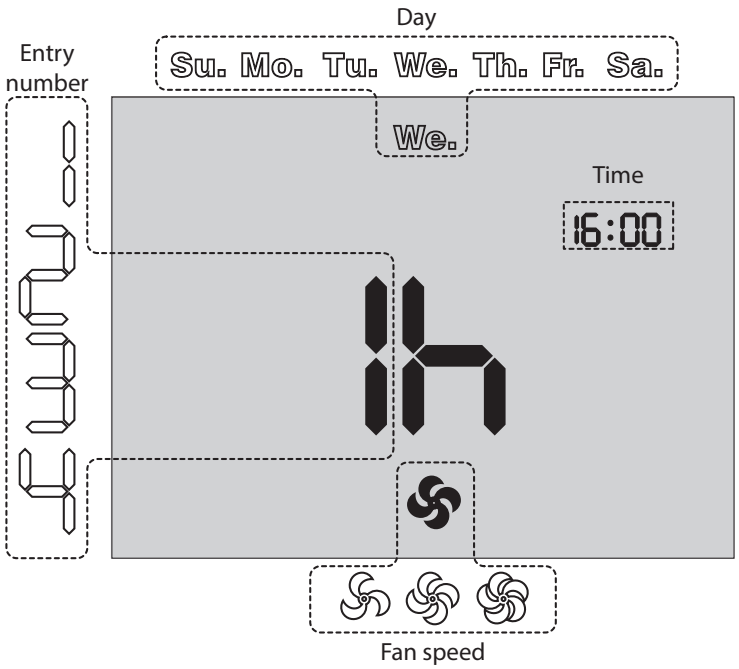


Fig. 12. Scheduled operation setup mode indicators

- To select the scheduled operation setup mode parameters hold the M button and use the ▲ and ▼ buttons to make the selection as necessary.
- Use the ▲ and ▼ buttons to set the parameter values.

Scheduled operation setup mode parameters (Fig. 12):

- Entry number — there are four entries for each day.
- Day — day setting.
- Fan speed — fan speed setting for the current entry.
- Time — time setting for the current entry.

- To copy the entries to the following day press and hold the M button, then press ♻. Please note that copying entries from Sunday onto Monday is not possible.
- To exit the scheduled operation setup mode press the ⏻ button on the control panel or the ⏻ button on the remote control.

A sample schedule programming sequence is given in Table 3.

Table 3 . Sample programming sequence

Day	Entry number							
	1		2		3		4	
	Start time	Mode	Start time	Mode	Start time	Mode	Start time	Mode
Mo.	07:00	Speed 2	08:00	Speed 1	17:00	Speed 2	22:00	Speed 1
Tu.	07:00	Speed 2	08:00	Speed 1	17:00	Speed 2	22:00	Speed 1
We.	07:00	Speed 2	08:00	Speed 1	17:00	Speed 2	22:00	Speed 1
Th.	07:00	Speed 2	08:00	Speed 1	17:00	Speed 2	22:00	Speed 1
Fr.	07:00	Speed 2	08:00	Speed 1	17:00	Speed 2	22:00	Speed 1
Sa.	10:00	Speed 2	12:00	Speed 2	17:00	Speed 2	23:00	Speed 1
Su.	10:00	Speed 2	12:00	Speed 2	17:00	Speed 2	23:00	Speed 1

10. Alarms.

In case of an emergency the unit switches off while the alarms are displayed on the control panel display screen, Fig. 13. The list of possible alarms is given in Table. 4.

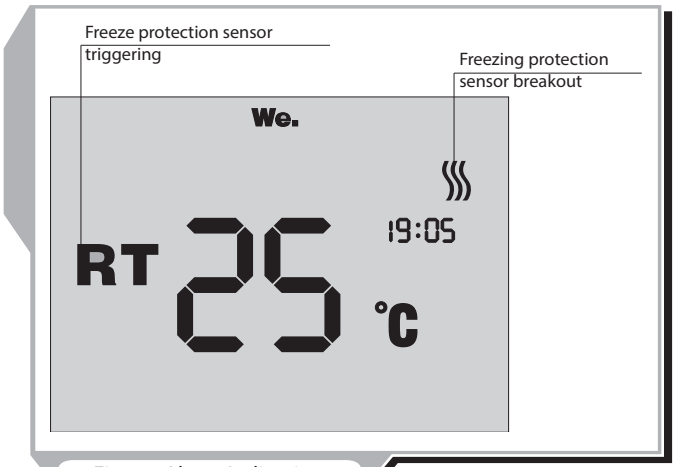


Fig. 13. Alarm Indication

Table 4. Unit-specific alarms

ALARM	INDICATION	FAULT HANDLING
Freezing protection sensor triggering	RT	Contact the maintenance service.
Freezing protection sensor breakout	RT	Contact the maintenance service to fix the freezing protection sensor.

TECHNICAL MAINTENANCE

The unit must undergo technical maintenance 3 or 4 times a year. The technical maintenance includes general cleaning of the unit and the following operations:

1. Filter service (3-4 times a year).

Contaminated filters increase air resistance thus impairing supply air delivery into the premises. The filters should be cleaned as they get dirty, but at least 3-4 times a year. Use a vacuum cleaner to remove the contamination or use a new filter. New filters can be purchased from your seller.

To remove the filters (Fig. 14):

- Step 1. Undo the clips.
- Step 2. Remove the service panel.
- Step 3. Turn the retainers and remove the filters.

2. Heat exchanger inspection (once a year).

Even regular technical maintenance may not completely prevent dirt accumulation on the heat exchanger assemblies. Subject the heat exchangers to regular cleaning to ensure high heat exchange efficiency. To clean the heat exchangers remove those from the unit and blow with compressed air. Wet cleaning is prohibited.

To remove the heat exchangers (Fig. 14):

- Step 1. Undo the clips.
- Step 2. Remove the service panel.
- Step 4. Turn the retainers and remove the heat exchangers.

The filter and heat exchanger installation is in the reverse order of the removal.

ATTENTION! If the unit is mounted to the ceiling hold the service panel up while removing to avoid injuries.

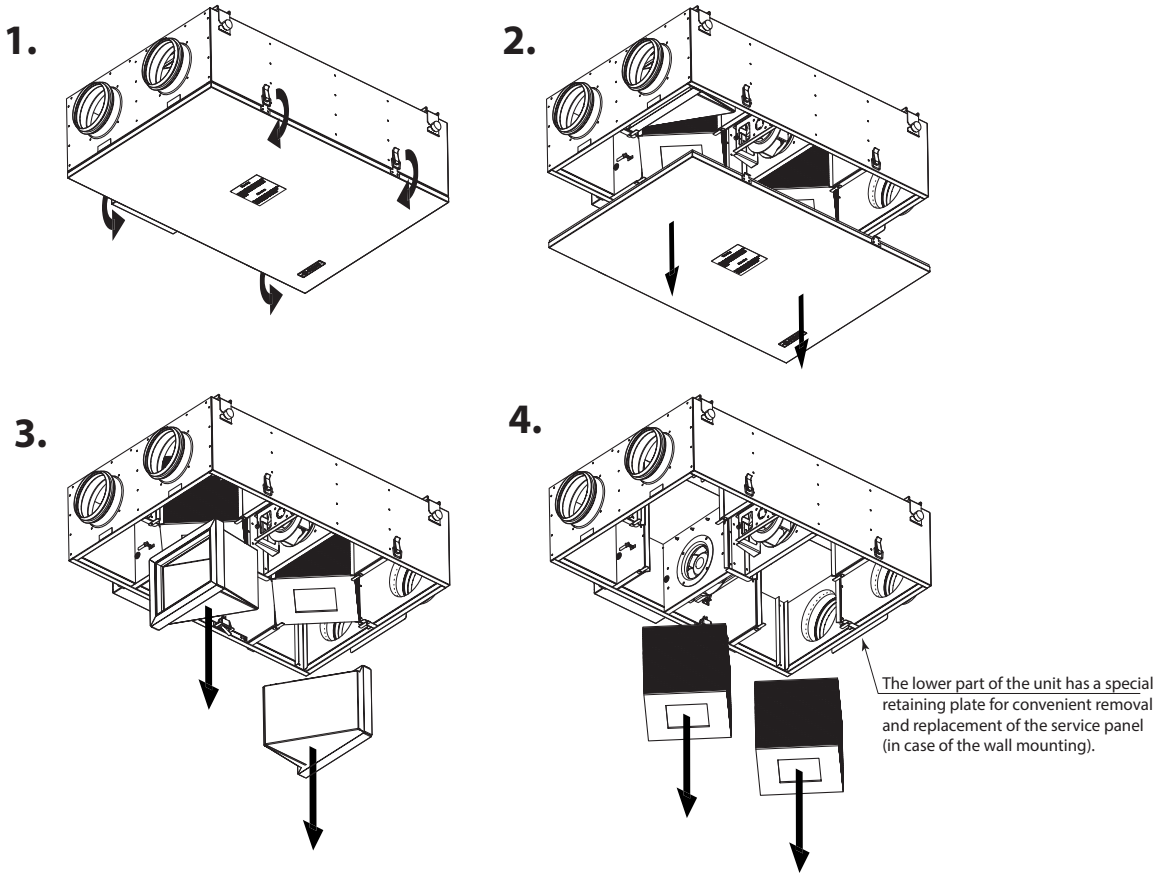


Fig. 14. Filter and heat exchanger removal

3. Fan inspection (once a year).

Even regular technical maintenance of the filters may not completely prevent dirt accumulation in the fans which impairs the unit performance and supply air delivery into the premises.

Clean the fans with a cloth or a soft brush. Do not use water, aggressive solvents, sharp objects etc. as they may damage the impeller.

4. Fresh air supply duct inspection (every 6 months).

The supply duct grill may get clogged with leaves and other objects impairing the unit performance. Check the supply duct grille twice a year and clean it, if necessary.

5. Duct system inspection (every 5 years).

Even regular the timely performance of all the aforesaid operations specific to the technical maintenance of the unit may not completely prevent dirt accumulation in the air ducts which impairs the unit performance. The air duct maintenance includes their periodic cleaning or replacement.

6. Control unit maintenance (if necessary).

The control unit maintenance must be performed by an expert qualified for unassisted operations with electrical installations up to 1000 V after careful reading of the user's manual.

To access the control unit electronics follow the operations on Fig. 15.

1. Undo the self-tapping screws retaining the control unit cover.
2. Remove the control unit cover.

On completing the control unit maintenance replace the cover and fix it with the self-tapping screws.

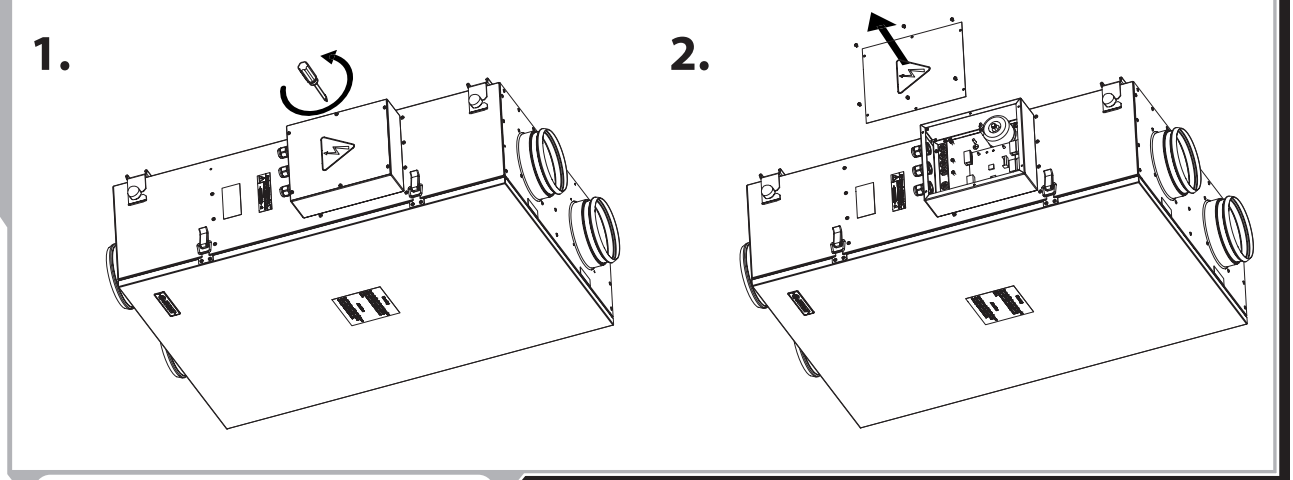


Fig. 15. Control unit maintenance

TROUBLESHOOTING

Table 5. Possible malfunctions and fault handling

Problem	Possible Reasons	Fault handling
The fan (fans) will not start	The unit is not connected to the power mains.	Make sure that the unit is properly connected to the power mains and make any corrections, if necessary.
Supply air too cold	Exhaust filter clogged.	Clean or replace the extract filter.
	Heat exchanger icing.	Check for ice in the heat exchanger. If there is ice in the heat exchanger let it melt before switching the unit back on.
Low air flow	Filters, fans or heat exchanger clogged.	Clean or replace the filters; Clean the fans and the heat exchanger.
	Air handling system clogged or damaged.	Check for unobstructed diffuser and louvre shutters opening, check the exhaust hood and the supply grille and clean those, if necessary; make sure that the air ducts are clean and intact.
Noise and vibration	Fan impellers dirty.	Clean the fan impellers.
	Fan fastening screws loose.	Make sure the fastening screws are tight.

TRANSPORTATION AND STORAGE REGULATIONS

Store the unit in the manufacturer's original packing box in a dry ventilated premise at the temperatures from -10 °C up to + 40°C .

Storage environment must not contain aggressive vapours and chemical mixtures provoking corrosion, insulation and sealing deformation.

Use hoist machinery for handling and storage operations to prevent the unit damage in consequence of falling or excessive oscillation. Fulfil the handling requirements applicable for the applicable freight type.

Transportation with any vehicle type is allowed provided that the unit is protected against mechanical and weather damage.

Avoid any mechanical shocks and strokes during handling operations.

MANUFACTURER'S WARRANTY

The manufacturer hereby warrants normal operation of the unit over the period of 24 months from the retail sale date provided the user's observance of the transportation, storage, installation and operation regulations.

Should any malfunctions occur during the unit operation through the manufacturer's fault during the warranty period the user is entitled to elimination of faults by means of warranty repair performed by the manufacturer.

The warranty repair includes work specific to elimination of faults in the unit operation to ensure its intended use by the user within the warranty period. The faults are eliminated by means of replacement or repair of the complete unit or the faulty part thereof.

The warranty repair does not include:

- Routine maintenance;
- Unit installation / dismantling;
- Unit setup.

To benefit from warranty repair the user must provide the unit, the user's manual with stamped sale date and the payment document certifying the purchase.

The unit model must comply with the one stated in the user's manual.

Contact your Seller for warranty service.

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

- User's failure to provide the unit with the entire delivery package as stated in the user's manual or with missing component parts previously dismounted by the user;
- Mismatch of the unit model and make with the respective details stated on the unit packing and in the user's manual;
- User's failure to ensure timely technical maintenance of the unit;
- External damage to the casing (excluding external modifications of the unit as required for its installation) and the internal components of the unit;
- Alteration of the unit design or engineering changes of the unit;
- Replacement and use of the unit assemblies, parts and components not approved by the manufacturer;
- Unit misuse;
- User's violation of the unit installation regulations;
- User's violation of the unit management regulations;
- Unit connection to the power pains with a voltage different from the one stated in the user's manual;
- Unit breakdown due to voltage surges in the power mains;
- User's discretionary repair of the unit;
- Unit repair performed by any persons without the manufacturer's authorization;
- Expiry of the unit warranty period;
- User's violation of the established regulations specific to the unit transportation;
- User's violation of the unit storage regulations;
- Wrongful acts against the unit committed by third persons;
- Unit breakdown due to circumstances of insuperable force (fire, flood, earthquake, war, hostilities of any kind, or blockade);
- Missing seals if provided by the user's manual;
- Failure to provide the user's manual with the sale date stamp;
- Missing payment document certifying the unit purchase.

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

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

ACCEPTANCE CERTIFICATE

Product Type	Air handling unit with heat and energy recovery
Model	VUE2150 P EC Comfo
Serial Number	
Manufacturing Date	
is compliant with the technical specifications and is hereby declared ready for service.	
Quality Inspector's Stamp	

SELLER'S INFORMATION

Address	
Phone number	
E-mail	
Sales date	
Дата покупки	

This is to certify delivery of the complete unit with the user's manual. The warranty terms are acknowledged and accepted.
Customer's signature

Seller's seal

MOUNTING CERTIFICATE

VUE2150 P EC Comfo unit has been connected to power mains pursuant to the requirements stated in the present user's manual.	
Company name	
Address	
Phone number	
Installation technician's full name	
Installation date:	**Signature:**

This is to certify that the work specific to the unit installation has been performed in accordance with all the applicable provisions of local and national construction, electrical and technical codes and standards. The unit operates normally as intended by the manufacturer.
Signature:

Installation technician's company seal

WARRANTY CARD

Product type	Air handling unit with heat and energy recovery
Model	VUE2150 P EC Comfo
Serial number	
Manufacturing date	
Sales date	
Warranty period	
Sales company	

Seller's seal

NOTES

V94EN-04