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Member of
Zehnder Group

Salla eWind

Operating and maintenance instructions for the ventilation unit

CONTENTS

READ FIRST

This instruction manual is intended for all the users of the Enervent ventilation units. Only qualified professionals may install the equipment described in this manual in accordance with the manufacturer's instructions and the local laws and regulations. If the instructions provided in this manual are not followed, the warranty for the equipment becomes void and damages may be caused to persons or property.

The equipment described in this manual may not be used by persons (including children) with reduced physical, sensory or mental capacity or without sufficient experience or knowledge, unless a person responsible for their safety is supervising and advising them in the use of the equipment.

INTENDED USE

The intended use of the unit is the improvement of indoor air quality, and its primary function is ventilation.

The unit is also used for the recovery of heat energy from the exhaust air. Depending on the model and the accessories, the unit can also be used for cooling the supply air in the summer. Moreover, the unit can also be used for adjusting the humidity and carbon dioxide levels of indoor air.

SAFETY

General information

DANGER

Always check that the supply voltage to the equipment is switched off before opening the service hatch.

WARNING

In case of a malfunction, always determine the reason for the malfunction before restarting the unit.

WARNING

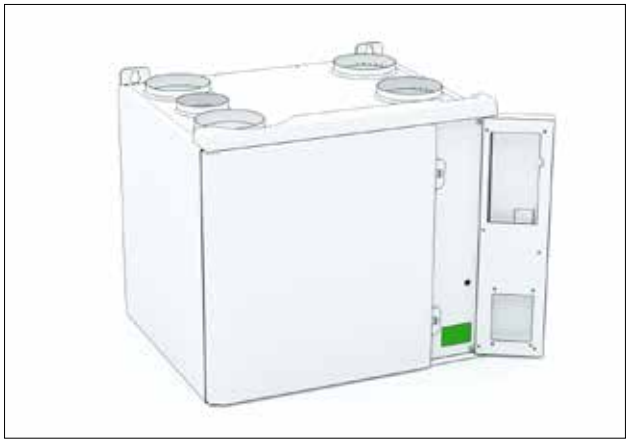
When you have switched off the power to the unit, wait for two (2) minutes before starting the maintenance work. Even though the power is switched off, the fans continue running and the post-heating coil remains hot for a while.

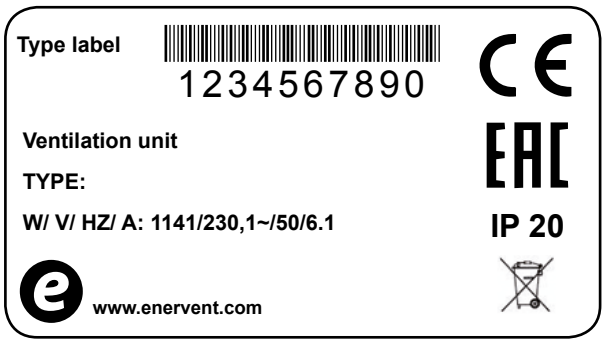
Electrical safety

DANGER

Only an authorised electrician may open the electrical box.

TYPE PLATE

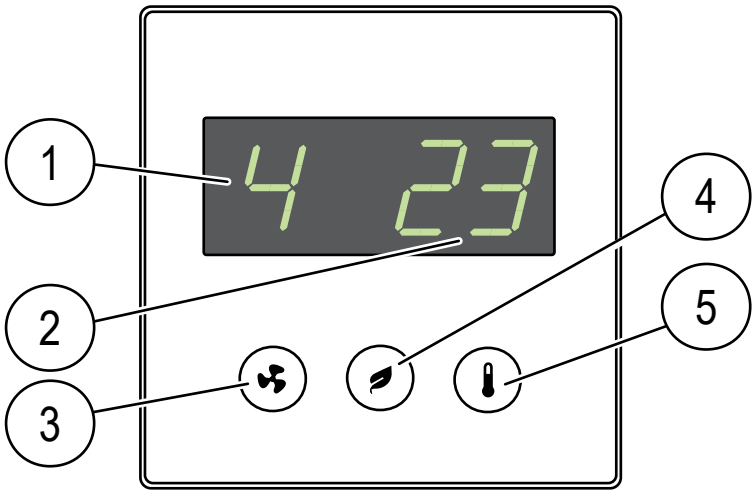




If you need technical support, please check the equipment type and serial number from the type plate.

USING THE VENTILATION UNIT

When the ventilation system has been carefully designed and installed, it requires only little maintenance by the user. The user can just relax and enjoy the good ventilation.



Button/display	Description
Mode display	Current operation mode
Temperature display	Supply air target temperature
Mode button	Operation mode selection (parameter browsing)
Eco button	Eco mode selection (parameter browsing)
Temperature button	Supply air target temperature selection

NOTE:

Some functions of the control panel are only intended for installation or maintenance purposes.

eWind control panel

eWind control panel

1. Mode (standard display) *2. Temperature (standard display)* *3. Mode button*
4. Eco button *5. Temperature button*

Daily use of the ventilation

The ventilation is adjusted with an easy-to-use control panel, whose operation is based on actual operating situations. The operation modes that based on these situations cover all the ventilation needs of your home. When you select the operation mode, the operation of the ventilation unit is changed accordingly. The installer of the unit sets the operation modes in connection with the commissioning of the ventilation.

The control panel is normally in standby mode, in which case the display is dimmed. The unit can be activated by pressing any button.

Operation modes

1 = Away (when you are not at home)

2 = Home (when you are at home)

3 = Home (when you are at home, boosted ventilation)

4 = Boosted (when the ventilation needs to be boosted even more)

F-PL = Fireplace mode (when lighting a fire in the fireplace)

HEAt = Heating on/heating off

Eco = Energy-saving ventilation

PdC = Range hood mode

Away mode (1)

You can reduce ventilation when you are going to be away for an extended period of time, e.g., due to a trip. Setting:

1 Go to mode 1 by pressing button .

- The ventilation system will enter the selected mode.

> NOTE:
>
> The Away mode can also be selected using an external switch (if installed).

Home mode (2)

When you are at home, the ventilation unit functions normally in Home mode. Setting:

1 Go to mode 2 by pressing button .

- The ventilation system will enter the selected mode.

Home mode, boosted ventilation (3)

If you need more efficient ventilation, you can increase the airflow. Setting:

1 Go to mode 3 by pressing button .

- The ventilation system will enter the selected mode.

Boosted mode (4)

When you have visitors, the ventilation intended for everyday use may not be sufficient. This may be the case, for example, when several people are having a sauna. Setting:

1 Go to mode 4 by pressing button .

- The ventilation system will enter the selected mode. There is a time limit in the boosted mode. The passing of time is displayed with the aid of alternating bars that come after the number of the mode.

> NOTE:
>
> If the Boosted mode is controlled with an external button, the mode will remain on as long as the button is activated. When the button is released, the Boosted mode will remain on for the duration set in the system. The factory setting is 2 hours.

Changing the supply air temperature

The desired supply air temperature (displayed on the display) is set in connection with the installation of the system. You can adjust the temperature on the scale of 15...22°C. Adjustment:

1 Go to the desired target temperature by pressing button .

- The system adjusts the efficiency of heat recovery or the effect of the post-heating/post-cooling accordingly.

Fireplace mode

The Fireplace mode may be useful when you are lighting a fire in the fireplace.

> WARNING
>
> The fireplace mode is only intended to be used when lighting a fire in the fireplace. It is not intended to be used as the source of make-up air when using the fireplace.

> TIP
>
> Unnecessary use of the fireplace mode causes unnecessary waste of energy.

Setting:

1 Press button for 3 seconds. First, the text **on** will be displayed for a short period of time, and then the text **F-PL** will be displayed.

Returning to the Home mode:

1 Press button for 3 seconds. First, the text **oFF** will be displayed for a short period of time. Then the display will return to the standard view.

NOTE

The default duration of the Fireplace mode is 10 minutes, and it can be selected no more than twice a day. When the period has elapsed, the system will return to the previous mode.

The Fireplace mode can also be selected using an external Fireplace button (if installed).

If a range hood has been connected to the unit, the fireplace mode will not be available.

Range hood mode

In the range hood mode, the unit boosts the ventilation and removes fumes from the stove more efficiently. When the range hood has been connected to the unit and the range hood boosting has been activated from the hood, the text 'PdC' is displayed on the screen. At that point, the unit's mode cannot be changed from the eWind control panel.

Heating mode

In the Heating mode, the supply air is heated using an integrated heater. Setting:

1 Press button for 3 seconds. First, the text **HEAt** will be displayed for a short period of time. Then the display will return to the standard view.

Returning to the Home mode:

1 Press button for 3 seconds. First, the texts **HEAt** and **oFF** will be displayed for a short period of time. Then the display will return to the standard view.

NOTE

The heater does not heat the supply air if the outdoor temperature exceeds +25°C.

Eco mode

When you select Eco mode in the ventilation system, the system will save energy by making minor adjustments to the set temperature and airflow values. In the Eco mode, the system does not react to changes in temperature as quickly as in the normal mode. It first examines in which direction the temperature is changing before it starts to heat or cool the supply air.

This green operation mode does not reduce comfort notably, but it does reduce costs.

Setting:

1 Press button . First, the text **ECO** will be displayed for a short period of time. Then the display will return to the standard view. The ventilation system will enter the selected mode.

Returning to the Home mode:

1 Press button . First, the texts **ECO** and **oFF** will be displayed for a short period of time. Then the display will return to the standard view.

NOTE

The selected Eco mode will be switched off if the outdoor temperature exceeds +25°C. The mode will be switched back on when the outdoor temperature drops below +25°C.

Data display

You can view the available functions in the eWind info list on the data display.

eWind info list

Opening:

1 Simultaneously press buttons and once. •
Parameter (n1..nn) is displayed.

2 Browse the info list using buttons and .

Return to the standard view:

3 Simultaneously press buttons and once.

FOR YOUR INFORMATION

If you do not press any button, the menu will close in 5 minutes and the panel will return to the standard view.

eWind info list	
Marking	**Definition**
n0	Standard mode is on
n1	Boosted ventilation for the removal of humidity
n2	Boosted ventilation for the removal of carbon dioxide
n3	Heat recovery is on
n4	Post-heating with an electric or water coil is on
n5	Outdoor air pre-heating with CHG/AGH or an electric pre-heater is on
n6	Supply air CG, CHG, or AGH cooling is on
n7	Cold recovery with the rotating heat exchanger is on
n8	Ventilation boosted manually
n9	Away mode is on
n10	Dehumidification with rotor is on
n11	Defrosting is on
n12	Eco mode is on
n13	Maintenance reminder: the time remaining until the next filter replacement in days
n14	Unit is starting

Measurement display

You can monitor temperature, humidity, heat recovery efficiency and other measurement values in the eWind measurement list, which is displayed on the measurement display.

eWind measurement list

Opening:

1. Simultaneously press buttons and two times. • Parameter (r1..rn) and the parameter values are displayed.
2. Browse the parameter list up or down by pressing button or .

Return to the standard view:

1. Simultaneously press buttons and once.

eWind measurement list				
Marking	**Definition**	**Marking in the chart and the connection in the automation motherboard**	**Note**	**Modbus register**
r1	Outdoor air temperature, °C	TE01	All models	6
r2	Supply air temperature after heat recovery, °C	TE05	All models	7
r3	Supply air temperature, °C	TE10	All models	8
r4	Extract air temperature, °C	TE30	All models	10
r5	Exhaust air temperature, °C	TE32	All models	9
r6	Return water temperature of water-based heating coil, °C	TE45	eWind W only. Other models display '0'.	12
r7	Temperature of pre-heated outdoor air (CHG/AGH/electric pre-heater), °C	TE02	Only if equipped with CHG/AGH or an electric pre-heater.	32
r8	Relative humidity (RH) of exhaust air	RH30	All models	13
r9	Carbon dioxide level, ppm		Without an external carbon dioxide sensor (accessory), '- -' is displayed	23
r10	Measurement of external relative humidity, %RH		Without an external humidity sensor (accessory), '- -' is displayed-	23
r11	Temperature efficiency of the supply air heat recovery, %		All models Calculated value	29
r12	Temperature efficiency of the exhaust air heat recovery, %		All models Calculated value	30

EFFICIENT USE OF THE VENTILATION

A correctly designed and used ventilation system reduces costs and saves energy. In addition, it promotes the health of both the living environment and the residents.

- Always use the ventilation system in accordance with the plan drawn up for your home – around the year.
- Clean or replace the filters when the system advises you to do so, and vacuum-clean the interior of the unit regularly.
- Open the lid of the ventilation unit and inspect the unit regularly, e.g. once a month.
- The equipment may become dirty due to dust and other air pollutants. Dirt blocks the filters and clings to the heat exchanger weakening the efficiency of ventilation.
- Use the special modes, such as the Fireplace mode, only when truly required.
- The unnecessary use of special modes increases energy consumption.
- Instead of, or in addition to, adjusting the ventilation system, you can also improve living comfort using traditional methods:
- Keep the curtains and windows closed on hot days in order to keep out the heat of the sun. Dress more warmly on cold days. This way you can save a significant amount of energy.
- Only use spare parts approved by Enervent.
- Only use original filters. They have been designed to ensure the best possible performance of your ventilation system.
- Use the **Eco** mode in order to save energy and reduce costs without compromising indoor air quality.

Using the ventilation during the cold season

CAUTION

Reducing ventilation may cause serious damage to the structures of your house.

Do not reduce the ventilation or switch it off even when the outdoor temperature drops. Instead of decreasing, the costs may increase. Your ventilation system is the result of a professional system designer. Changes in the outdoor temperature have been taken into account in the design of the system and the unit. If no changes occur in your daily routines, there is no need to adjust the ventilation system.

If you reduce the airflow in cold weather, ice may accumulate in the ventilation unit. The risk is particularly high in extremely cold weather and when the indoor air humidity is high (the shower is used frequently and large amounts of laundry are dried).

If the structure of the ventilation system needs to be updated, contact the designer of the system.

Maintenance reminder display

The purpose of the maintenance reminder is to remind the user when the maintenance interval has elapsed. The maintenance interval is 4 or 6 months depending on the model.

When the maintenance interval has elapsed, the text **FILS** will appear on the display.

Time and date of maintenance

Viewing:

1 Simultaneously press buttons and once.

2 Go to the parameter n13 by pressing button .

- The time remaining until the next maintenance is displayed in days.

Set-up display

The set-up display is only intended for professional use. It displays the current settings in the ventilation system and enables the changing of the settings.

CAUTION

Only an authorised person who has received sufficient training in using the ventilation system may change the settings.

Supply air is too warm

If the air coming from the ventilation system is too warm:

1 Go to a lower supply air target temperature by pressing button . The temperature value on the panel will change and the ventilation system will be adjusted according to the set target temperature.

NOTE

The system uses all of its devices in order to reach the desired temperature. The lack of a device, such as a cooling coil, may result in a higher temperature than the one you have set.

Using the Eco mode also maximises heat recovery in warm weather. It may, however, also cause the supply air to be too warm. In that case, switch off the Eco mode.

Supply air is too cold

If the air coming from the ventilation system is too cold:

Go to a higher supply air target temperature by pressing the **Temperature** button. The temperature value on the panel will change and the ventilation system will be adjusted according to the set target temperature.

NOTE

The system uses all of its devices in order to reach the desired temperature. The lack of a device, such as a post-heater, may result in a higher temperature than the one you have set.

Insufficient maintenance: A clogged filter or a worn heat recovery drive belt, among other things, may be the cause for cold supply air.

See also the following section: 'Heating mode', page 56.

Ventilation is insufficient

If the ventilation is insufficient:

1. Check that the filters are clean and do not need to be replaced.
- If the filters are dirty, replace them in accordance with the instructions provided in the section **'Filters'**.
2. Check that no changes have occurred in the need for ventilation after the design and installation of the system.
- If changes have occurred in the number or routines of the people using the premises, the ventilation system may require updating. Contact the designer of your ventilation system.

Ventilation is noisy

Even though our ventilation units are relatively quiet, they never run completely silently. If the ventilation system has been designed and installed correctly (no devices are located close to the bedroom and soundproof doors and silencers are used), the disturbance caused by ventilation can be reduced to a minimum.

If the ventilation is unusually noisy:

1. Check that the filters are clean and do not need to be replaced.
- If the filters are dirty, replace them in accordance with the instructions provided in the section **'Filters'**.
2. Check that the fans are clean and do not require cleaning.
- If the fans are dirty, clean them in accordance with the instructions provided in the maintenance manual.
3. Check that the automated boosted ventilation for the removal of humidity is not on.
- Open the Information display (view the section '**Data display**') and browse to the parameter n1. If the parameter is visible, the boosted operation is on.

NOTE

If the automatic boosted ventilation is always on, the air humidity may be too high. Contact the designer of your ventilation system.

Indoor air is too humid

In addition to feeling the air humidity, you may also identify a too high a humidity level by listening to the sound of the ventilation. If the automatic boosted ventilation is always on, the air humidity may be too high and the system may attempt to remedy the matter.

If the indoor air is too humid:

1. Check that the filters are clean and do not need to be replaced.
- If the filters are dirty, replace them in accordance with the instructions provided in the section **'Filters'**.
2. Check that no changes have occurred in the need for ventilation after the design and installation of the system.

NOTE

If changes have occurred in the number of people using the premises and/or the use the shower/sauna, the ventilation system may require updating. Contact the designer of your ventilation system.

Ventilation does not work

If the ventilation does not work:

1. Check that the unit is connected to the mains supply.
2. Check that a fuse has not tripped in the electricity distribution board.

If all these matters are in order and the ventilation still does not work, contact maintenance.

MAINTENANCE

The unit requires very little maintenance. Sufficient maintenance usually includes the following tasks:

- Filter replacement
- Cleaning of the heat exchanger (in connection with the cleaning of the ventilation ducts)
- Cleaning of the fans (in connection with the cleaning of the ventilation ducts)
- Inspection of the condensation water discharge pipe

DANGER

Before you begin any maintenance work, switch the power off by removing the plug from the socket. Wait for two (2) minutes before you begin the maintenance. Even though the power supply to the unit has been switched off, the fans will continue running and the electric coil will be hot for a while.

The equipment includes moving parts (e.g., fans and the motor and belt of the rotating heat exchanger) that wear out in use. Due to normal wear and tear, these parts must be replaced during the lifecycle of the equipment. The normal operating life of the wear-out parts is determined on the basis of the operating conditions and operating time. As a result, no normal maintenance interval can be specified for the wear-out parts.

Maintenance reminder

The control panel advises the user to conduct the periodic maintenance. The maintenance reminder **FILS** will appear on the control panel display when the maintenance interval has elapsed.

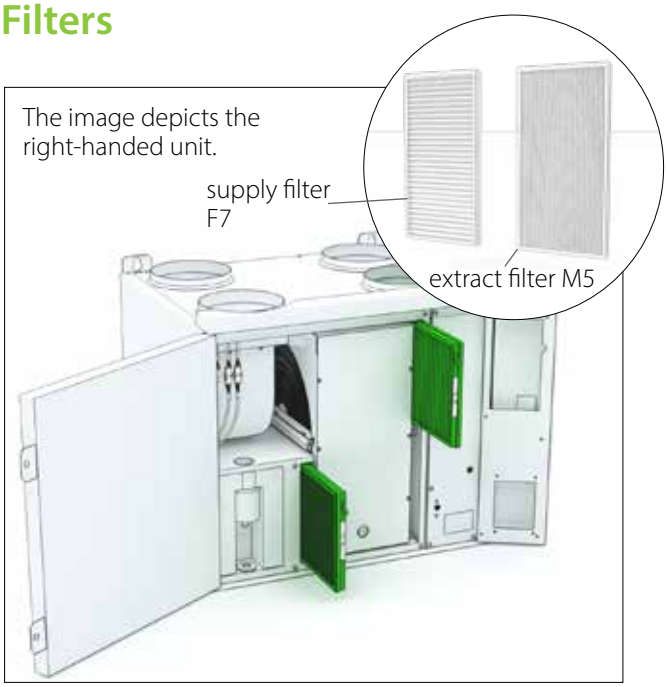
Acknowledge the maintenance reminder by pressing any key on the eWind panel for 5 seconds.

FOR YOUR INFORMATION

When you are performing maintenance work on a part of the equipment, always check the cleanliness and degree of wear of the other parts, as well.

Watch the maintenance instruction video in the Help Center on our website at www.enervent.com.

Filters



M5 and F7 cassette filters are used in the ventilation unit.

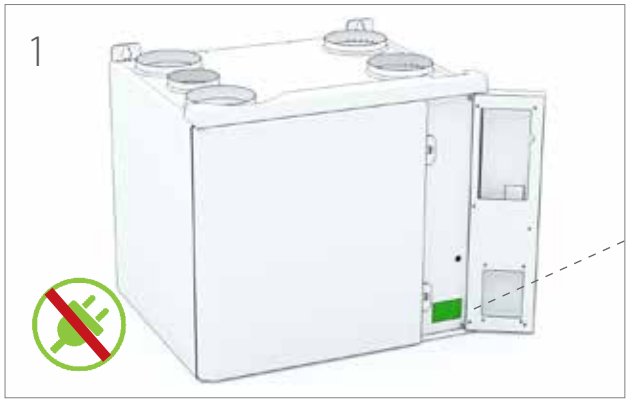
The recommended maximum maintenance interval for the cassette filter is 4 months.

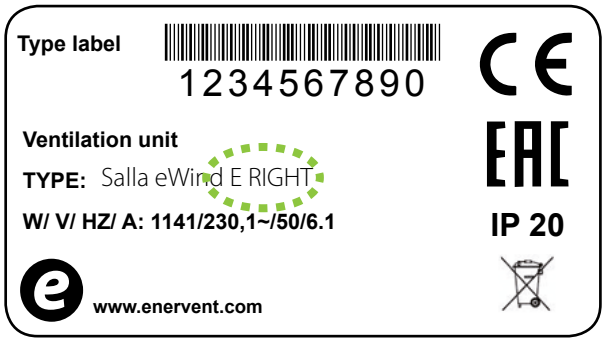
Cassette filters may be cleaned using compressed air, which extends the maintenance interval to six (6) months at the most.

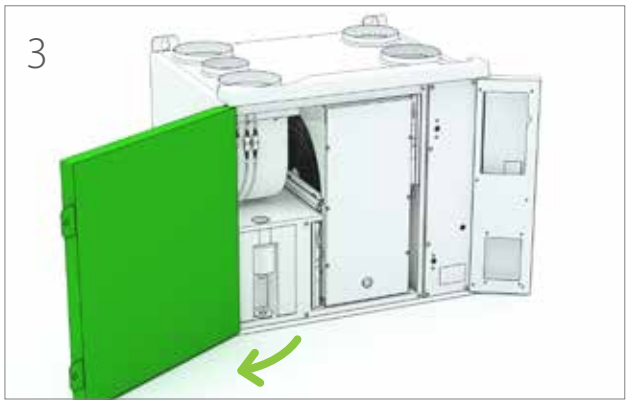
FOR YOUR INFORMATION

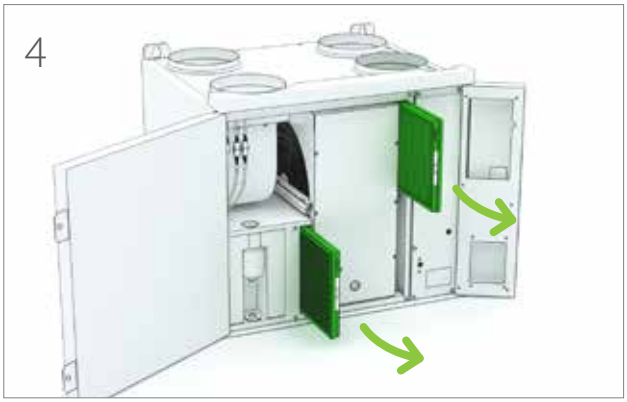
The compressed air must be dry and oil-free.

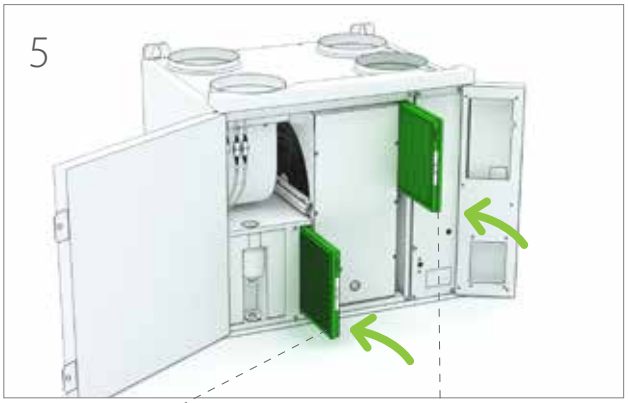
Filter replacement, right-handed



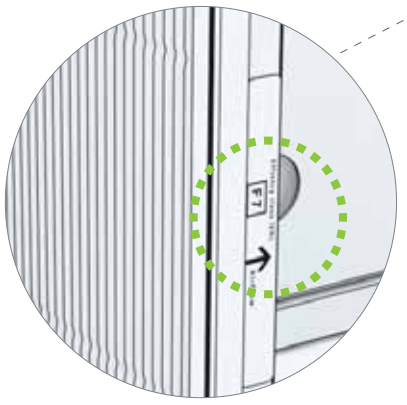








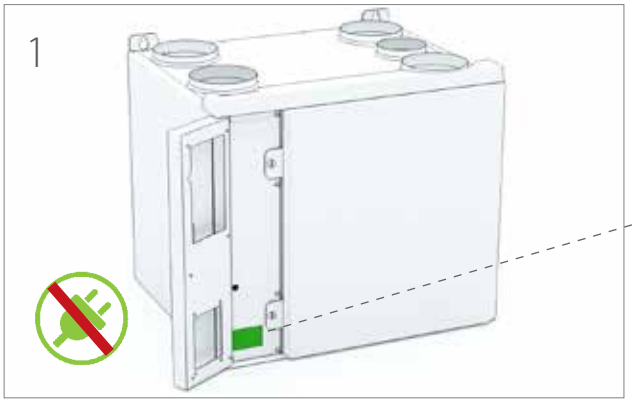
F7



M5

Filter replacement, left-handed

1



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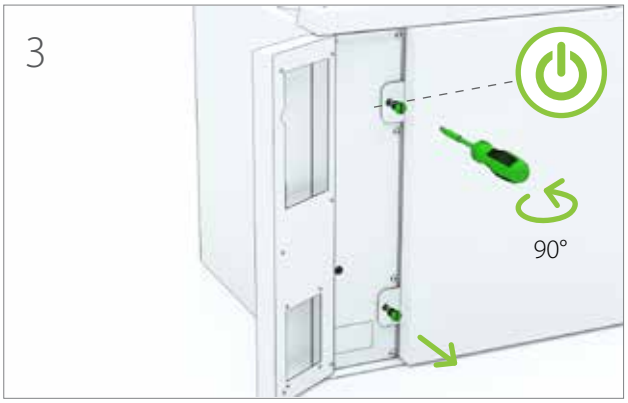

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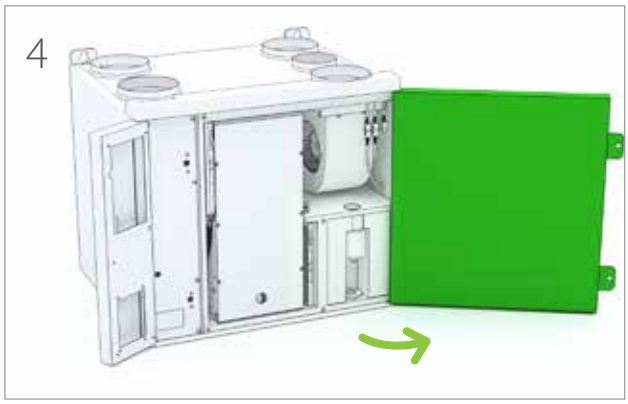

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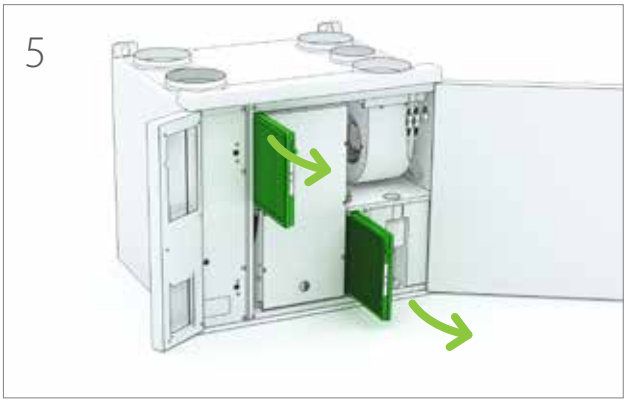

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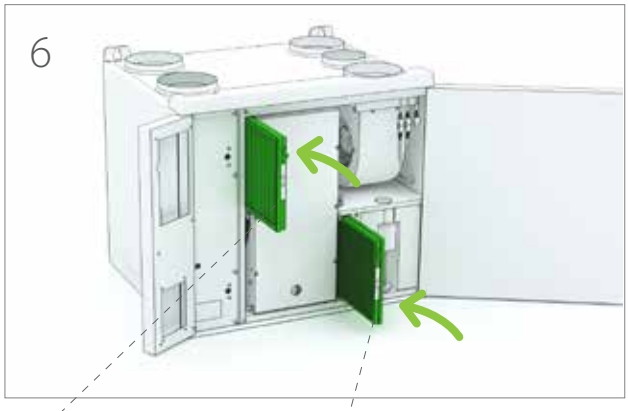
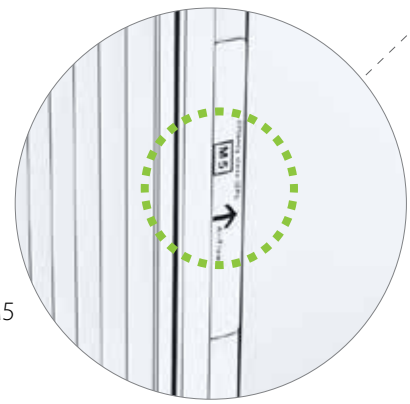
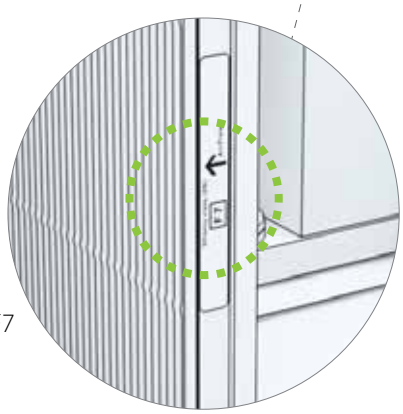




M5



F7

Fans

Inspecting

DANGER

Before opening the service hatch, always make sure that the unit's supply voltage is switched off.

1. Inspect the cleanness of the fans visually when changing the filters.

- If they look dirty, clean them.

TIP

Vacuum the inside of the unit for better performance and cleaner indoor air.

Cleaning

DANGER

Before opening the service hatch, always make sure that the unit's supply voltage is switched off.

1. Remove the fans from the unit.
2. Clean the fans with a toothbrush or pressurized air.
3. Place the fans back into the unit.

Heat exchanger

Inspecting

1. Check the cleanness of the heat exchanger visually when changing the filters.

- If it looks dirty, clean it.

TIP

Vacuum the inside of the unit for better performance and cleaner indoor air.

Cleaning

DANGER

Before opening the service hatch, always make sure that the unit's supply voltage is switched off.

1. Remove the heat exchanger from the unit.
2. Wash the heat exchanger with water and neutral detergent or use pressurized air.

WARNING

Do not submerge the heat exchanger in water. The electric motor inside the exchanger must not get wet.

The use of a pressure washer is strictly forbidden.

3. Dry the heat exchanger properly.
4. Place the heat exchanger back into the unit.
5. Start the unit up to verify the rotation.
6. Close the service hatch.

Replacing heat exchanger belt

If the heat exchanger has stopped rotating, the reason for it may be a broken drive belt. Check the condition of the belt from the round opening at the front of the heat exchanger. There is one spare belt attached to all heat exchangers.

TIP

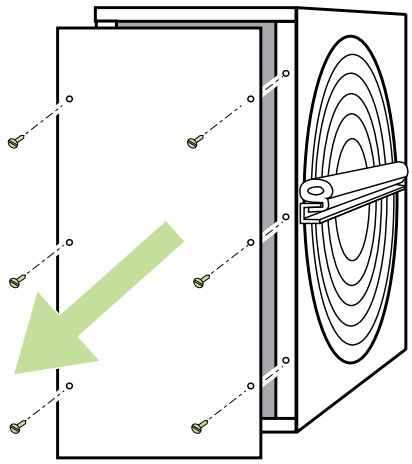
Visit the HelpCenter on our webpage www.enervent.fi for videos showing the maintenance tasks.

To replace:

DANGER

Turn off the ventilation unit by switching off the main power supply, by removing the fuse or by disconnecting the wall plug.

1. Detach the bayonet connector from the socket.
2. Remove the heat exchanger from the unit carefully.
3. Unscrew the six screws on the heat exchanger maintenance hatch lid at the front side of the heat exchanger.

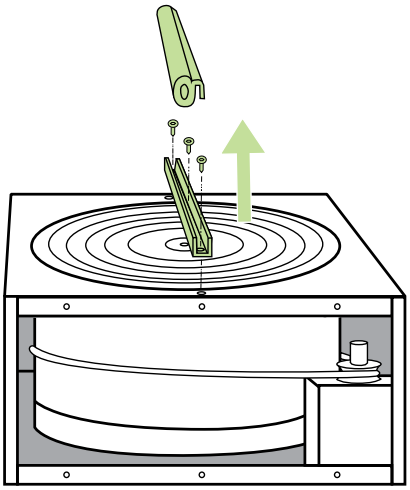


4. Open the maintenance hatch with the help of a flat tool.
   - Use for example a Stanley knife.
5. Pull off the broken heat exchanger belt.
6. Inspect the belt wheel to make sure it is undamaged, in its place and rotating properly.
7. Clean the heat exchanger and the belt wheel.
   - Use water and neutral detergent with a soft, lint-free cloth.
   - Rotate the heat exchanger to make sure everything gets cleaned.
   - Make sure that the heat exchanger is rotating freely, without excessive force. You should be able to rotate the heat exchanger with only one finger.

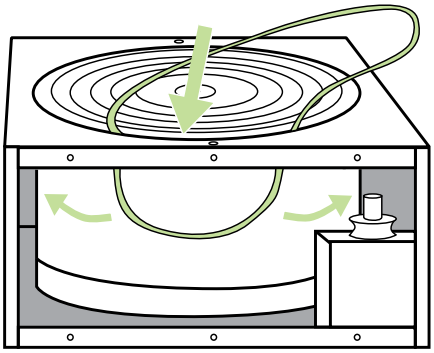
Go to step 8 if a spare belt is not attached on your heat exchanger.

- Pull the spare exchanger belt from the holders by rotating the exchanger. Leave the holders on the heat exchanger.

8. Loosen the U-beam on one side of the heat exchanger by removing the screws under the U-beam rubber gasket.



9. Unscrew the hexagonal screw of the axle in the middle of the U-beam and remove the beam.
10. Slide the new belt inside around the heat exchanger through the opening in the casing and the gasket.

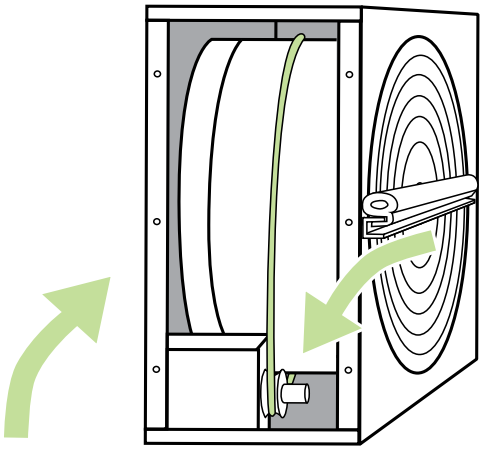


11. Rotate the heat exchanger to get the belt properly in place.

12. Replace the U-beam and reattach the axle and U-beam screws.

13. Go through the new belt with the cleaning cloth to make sure it is free of dirt.

14. Pull the belt onto the belt wheel.



15. Rotate the heat exchanger to see that the belt is in its place and everything looks fine.

16. Vacuum clean the heat exchanger casing.

- Rotate the heat exchanger when you are vacuuming to be sure to clean everywhere.

17. Close the maintenance hatch.

18. Add some silicone onto the rubber strips outside the heat exchanger casing.

19. Place the heat exchanger back into the unit.

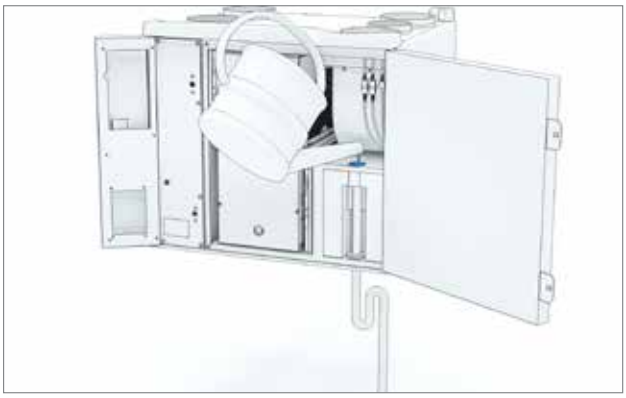
20. Reconnect the bayonet connector to the socket.

21. Reconnect the power.

22. Make sure the heat exchanger rotates.

Adding water to the water trap (drainage of the condensation water)

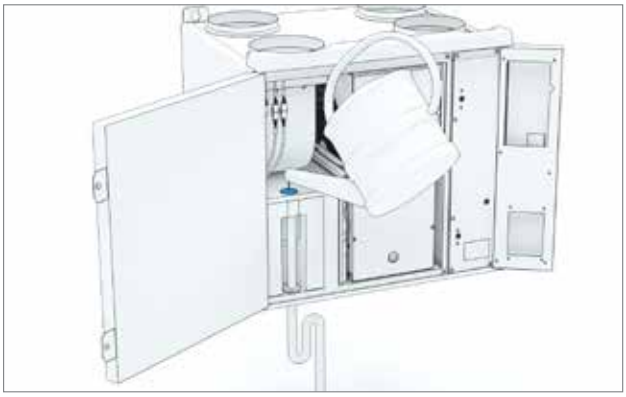
Left-handed model



FOR YOUR INFORMATION

If the K900010010 water trap is used, no water needs to be added.

Right-handed model



TROUBLESHOOTING

Problem	Reason	Help	Solution
FILS Service reminder	Normal reminder with 4 or 6 month intervals (depending on the unit model)		Change the filters and clean the unit from the inside and check if the unit is working.
Err Temperature sensor malfunction	The temperature sensor is short-circuited or there is a break in the connection.		Turn off the ventilation unit from the main switch, open the electrical box, and check that the quick couplings of the temperature sensors are connected. It is possible that the quick connectors have come loose during the installation of the unit. Contact a service representive.
oFFE Stop mode	The internal alarm of the heat pump unit is active.		Find out the status of the external control system. Contact a service representive.
AL1 The water heating coil is starting to freeze. NOTE! The ventilation unit does not start until the alarm state has been removed and the alarm has been reset by pressing any button on the control panel..	The heat exchanger belt has broken.	The heat exchanger has a green belt. Check the heat exchanger rotor from the belt's control hole. If the belt is not visible, it is broken.	Change the belt.
	The heat exchanger belt-wheel is oily and the belt is slipping	The heat exchanger has a green belt. Check the heat exchangers rotor from the belt's control hole if the belt wheel is rotating even if the heat exchanger rotor is not rotating.	Change the belt.
	The exhaust fan has stopped.	Open the service hatch when the unit is running. The exhaust fan needs to be on. With the LTR unit you must push down the door coupling with a screwdriver and check if the unit starts.	Change the fans. Contact a service representive.
	The exhaust filter is clogged.	Open the service hatch when the unit is not on. Remove the filters and check if they are dirty.	Change the supply air filter.
	The water heater's valve actuator is broken.		Contact a service representive.
	The circulating water pump has stopped.	Check if the heating/cooling circulation pump is on.	Start the pump, contact a service representive if the problem persists.
	Error in the heat exchanger motor/ gearbox	Open the service hatch while the unit is on and listen if the noise is coming from the heat exchanger.	Contact a service representive.
	The heat exchanger belt wheel has come loose from the axel.	Check the heat exchanger rotor from the belt control hole if the axel is rotating freely and the belt wheel is stationary.	Tighten the belt wheel screw. Contact a service representive.

Problem	Reason	Help	Solution
AL2 Supply air is cold after the rotary heat exchanger.	The heat exchanger belt has broken.	The heat exchanger has a green belt. Check the heat exchanger rotor from the belt's control hole. If the belt is not visible, it is broken.	Change the belt.
	The heat exchanger belt-wheel is oily and the belt is slipping	The heat exchanger has a green belt. Check the heat exchangers rotor from the belt's control hole if the belt wheel is rotating even if the heat exchanger rotor is not rotating.	Change the belt.
	Error in the heat exchanger motor/ gearbox	Open the service hatch while the unit is on and listen if the noise is coming from the heat exchanger.	Contact a service representive.
AL3 Supply air is cold	The exhaust fan has stopped.	Open the service hatch when the unit is running. The exhaust fan needs to be on. With the LTR unit you must push down the door coupling with a screwdriver and check if the unit starts.	Change the fans.
	The exhaust filter is clogged.	Open the service hatch when the unit is not on. Remove the filters and check if they are dirty.	Change the supply air filter.
	The ventilation unit runs with a too low fan speed.	The correct fan speed was chosen when the ventilation was balanced in your house. Check your ventilation installation sheet for the correct fan speeds.	Adjust the fan speed from the control panel. Contact a service representive.
	The ventilation is adjusted incorrectly.		Contact the company that has installed your ventilation unit and check if the houses airflow/valves has been adjusted correctly. Contact a service representive.
AL4 Supply fan malfunction	The supply air fan has stopped	Open the service hatch when the unit is running. The exhaust fan needs to be on. With the LTR unit you must push down the door coupling with a screwdriver and check if the unit starts.	Contact a service representive.
AL5 Extract fan malfunction	The exhaust fan has stopped.	Open the service hatch when the unit is running. The exhaust fan needs to be on. With the LTR unit you must push down the door coupling with a screwdriver and check if the unit starts.	Change the fans. Contact a service representive.

Problem	Reason	Help	Solution
AL6 The water heating coil is starting to freeze. NOTE! The ventilation unit does not start until the alarm state has been removed and the alarm has been reset by pressing any button on the control panel.	Insufficient isolation in the ducts.		Check the thickness of the insulation in the supply air and the exhaust air ducts and improve the insulation when required. Contact a service representive.
	The overheating protection of the afterheater has been activated		Find out what has caused the error and reset the over-heating protection (® button on the coil) Contact a service representive.
	The ventilation unit's door is open		Close the door. Contact a service representive.
	Low room temperature		Nosta huonelämpötilaa. Contact a service representive.
	TE-30 error int the temperature sensor		Contact a service representive.
AL7 Supply air hot. Risk of fire.	Error in the electrical after heater		Contact a service representive.
	The water heater's valve actuator is broken		Contact a service representive.
	TE-10 error in the temperature sensor		Contact a service representive.
	Fire risk		Contact a service representive.
AL8 Electrical re-heater or pre-heater overheating	Error in the electrical after heater		Contact a service representive.
	The supply air fan has stopped	Open the service hatch when the unit is running. The exhaust fan needs to be on. With the LTR unit you must push down the door coupling with a screwdriver and check if the unit starts.	Contact a service representive.
	The supply air filter is clogged	Open the service hatch when the unit is not on. Remove the filters and check if they are dirty.	Change the exhaust filter.
	The outside air grille is clogged	Check if there is something blocking the outside air grille.	Clean the outdoor air grille Contact a service representive.
	The heater controller card is broken		Replace the heater controller card Contact a service representive.

Enervent Salla

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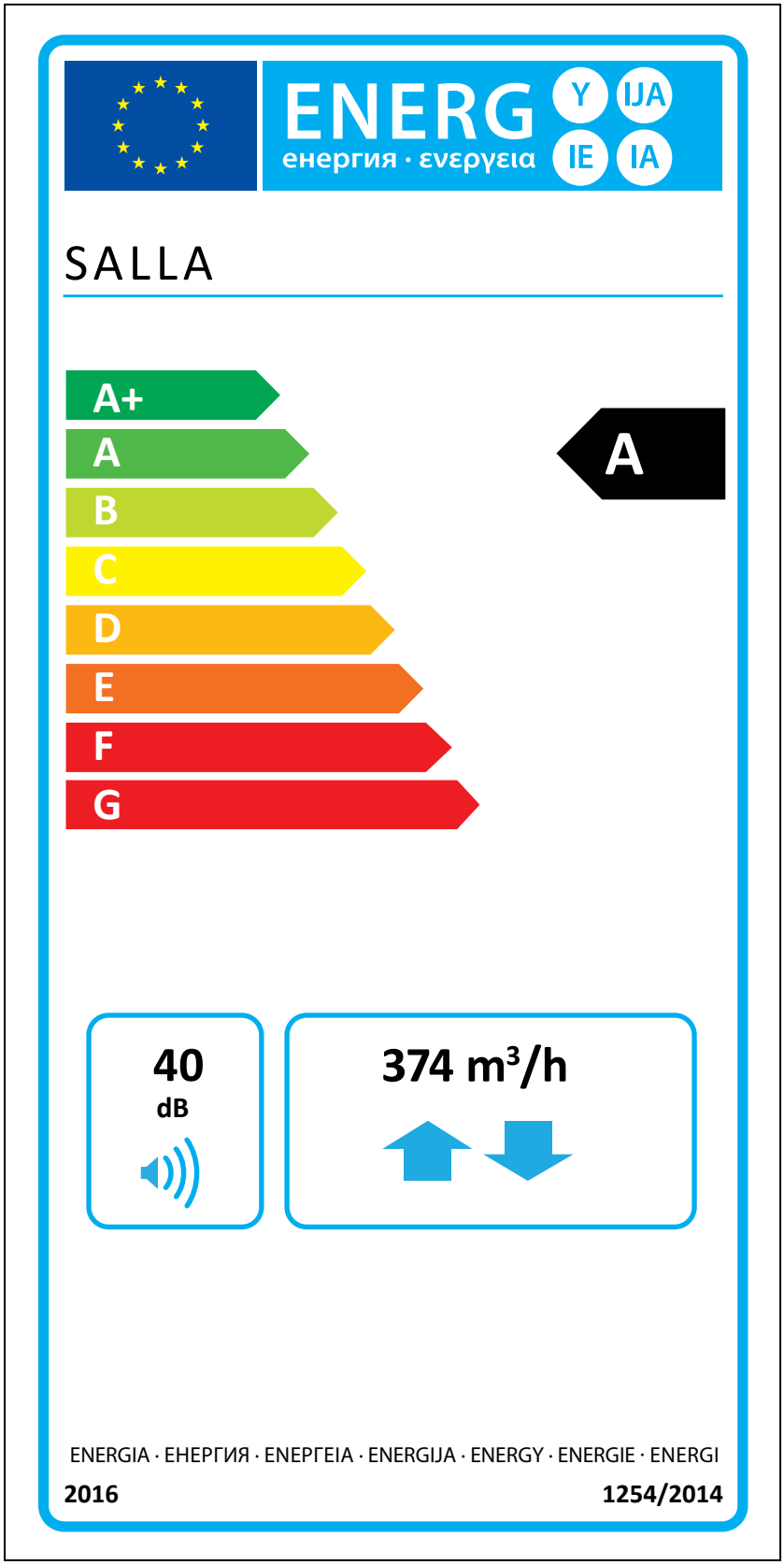
PRODUCT INFORMATION ACCORDING TO EU COMMISSION REGULATION NO 1253/2014 AND 1254/2014

Supplier's name or trade mark	Enervent
Supplier's model identifier	Salla
Specific energy consumption (sec) in kWh/(m².A)	
• Cold climate	-84,50
• Average climate	-40,81
• Warm climate	-15,78
Declared typology in accordance with article 2 of this regulation	RVU / BVU
Type of drive installed or intended to be installed	Multi-speed drive
Type of heat recovery system	Regenerative
Thermal efficiency of heat recovery	84,0
Maximum flow rate in m³/h	374
Electric power input of the fan drive, including any motor control equipment, at maximum flow rate (W)	211
Sound power level (L_{WA}), rounded to the nearest integer	40
Reference flow rate in m³/s	0,073
Reference pressure difference in Pa	50
SPI in W/(m³/h)	0,37
Control factor and control typology in accordance with the relevant definitions and classification in annex VIII, table 1	0,65
Declared maximum internal and external leakage rates (%) for bidirectional ventilation units	<0,5% / <2%
Position and description of visual filter warning for rvus intended for use with filters, including text pointing out the importance of regular filter changes for performance and energy efficiency of the unit	Filter warning on control panel. Instructions in user manual.
Internet address for disassembly instructions as referred to in point 3	https://doc.enervent.com/op/op.ViewOnline.php?documentid=3067&version=0
The annual electricity consumption (AEC) (in kWh electricity/a)	195
The annual heating saved (AHS) (in kWh primary energy/a) for each type of climate	
• Cold climate	8938
• Average climate	4569
• Warm climate	2066

The information on the energy label for this product has been defined with local demand control. Local demand control means that the ventilation unit continuously regulates the fan speed(s) and flow rates based on more than one sensor. Please remember to connect all local sensors (some sold as extra equipment) in order to achieve the declared energy class.

enervent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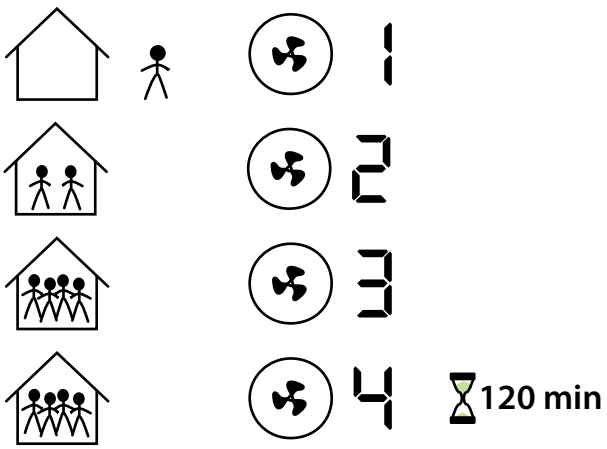
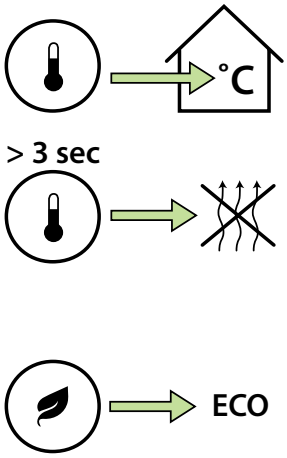
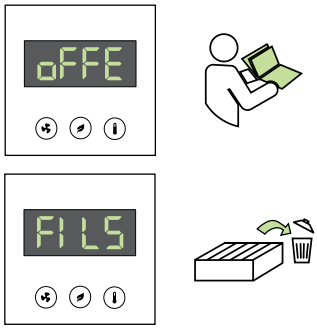
Käyttäjän pikaopas
Snabbguide för användare
Hurtigveiledning for bruker
Quick reference guide for the user





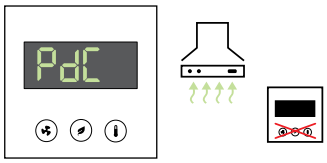


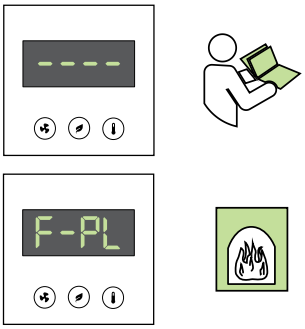
FI Kuittaa FILS huoltomuistus painamalla mitä tahansa eWind-ohjauspaneelin painiketta 5 s.

SVE Kvittera FILS-underhålls-påminnelsen genom att hålla valfri knapp intryckt i 5 sekunder på eWind-kontrollpanelen.

NO Bekreft FILS-påminnelsen om vedlikehold ved å trykke inn en tast på eWind-kontrollpanelet i 5 sekunder.

EN Acknowledge the FILS maintenance reminder by pressing any key on the eWind control panel for 5 seconds.



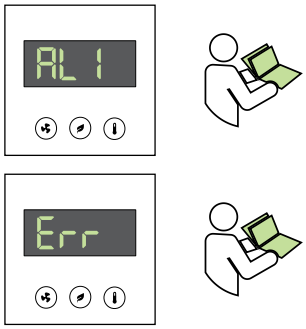


FI Paina Tila-painiketta 3 sekuntia. Näyttöön tulee ensin hetkeksi teksti on ja sitten F-PL. Jos laitteistoon on kytketty liesikupu, F-PL ei ole käytössä.

SVE Tryck på driftlägesknappen i 3 sekunder. "on" visas på skärmen i ett kort ögonblick, följt av "F-PL". F-PL används inte om en köksfläkt är ansluten till utrustningen.

NO Trykk på Modus-knappen i tre sekunder. Først vises teksten «på» en kort stund, og deretter vises teksten F-PL.
F-PL er ikke i bruk hvis en komfyrvifte er koblet til utstyret.

EN Press the Mode button for 3 seconds. First, the text 'on' will be displayed for a short period of time, and then the text 'F-PL' will be displayed.
The F-PL is not in use if a range hood has been connected to the equipment.



EZ_USER INSTRUCTION, Salla eWind, en, 10/2022, subject to change without notice

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