STIEBEL ELTRON

Quick Start Guide to your STIEBEL ELTRON Ventilation System

This guide is in addition to the main instruction and installation manual provided, and explains the basic functions and settings recommended for optimal performance and ease of use of the following products.

> ›   LWZ 180
> ›   LWZ 280
> ›   LWZ 130

Ventilation in your home

The main purpose of your ventilation system is fresh air supply and wet area extract. This system does this with the maximum available heat recovery based on the unique design created for your home and the accompanying flow rate settings entered by the installer on the initial setup

The system is extremely energy efficient and is designed to run continuously 24/7 with an average running cost of around $10 per month, with this cost outweighed by the energy savings it provides, in addition to the health of the home and its occupants. When leaving the home for any length of time, simply leave the system on to guarantee moisture control and fresh air supply upon your return.

Settings

The system is ultimately set and forget, without the need for regular adjustment. Below are the operating modes shown on the main screen, these are the only typically adjusted settings, with most systems remaining on Stage 2; with the occasional use of the Intensive Ventilation setting when needed periodically.

Operating mode	Fan stage	Description
Humidity prot.	0	Necessary ventilation for ensuring that the building structure is protected under normal conditions of use with somewhat reduced moisture loads, e.g. during temporary absence of users and no drying of washing in the residential unit.
Stage 1	1	Reduced ventilation is the ventilation necessary to meet hygiene standards and ensure protection of the building structure (moisture level) under standard conditions of use with partially reduced moisture and pollutant loads, e.g. as a result of intermittent user absence.
Stage 2	2	Standard ventilation is the ventilation necessary to meet hygiene standards and ensure protection of the building structure when users are present.
Intensive ventilation	3	Intensive ventilation is increased ventilation with a higher flow rate to reduce load peaks, e.g. for rapid ventilation during or after a party. You can switch on intensive ventilation with the programming unit or with an optionally connectible external pushbutton.
Time program mode	0 to 2	Time controlled fan program with various adjustable fan settings.

Stage 1 can be used during the evening if noise is an issue as this is a lower air flow rate.
Stage 2 should be returned to during the daytime if this the case.
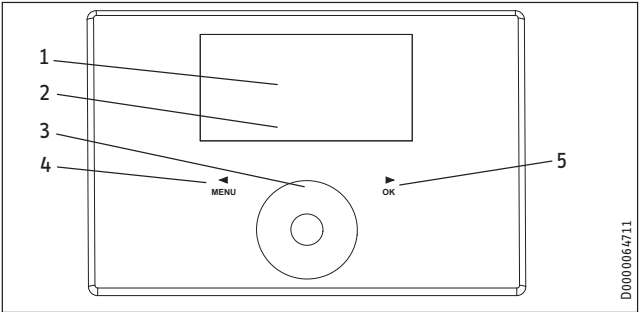
Timer Settings

The system does have a timer option to change from Stage 2 to Stage 1 each day automatically if needed.
Please refer to the main instruction manual section 4.4.3 for these settings.

Maintenance

The filters in your ventilation system require cleaning or replacing at regular intervals. Please refer to the main instructions manual section 5 for further info. Replacement filters are available for purchase via your installer or online via **www.stiebel-eltron.co.nz/store**.

4.2 Programming unit

An external programming unit can be connected to the appliance in addition to the factory-installed programming unit.

1 Text field
2 Appliance status symbols
3 Touch-Wheel
4 "MENU" button
5 "OK" button

4.2.1 Display

If you do not perform any settings for a while, the display illumination switches off and the home screen appears.

Press any button to switch the illumination back on again.

4.2.2 Symbols

Symbol	Description
$\overline{\underline{\mathbb{Z}}}^{0}$ $\overline{\underline{\mathbb{Z}}}^{1}$ $\overline{\underline{\mathbb{Z}}}^{2}$	Time program mode: The set fan program is active. Depending on the setting, the unit is operated at various fan stages. The number indicates the fan setting.
✇	Intens. vent.: The unit runs at the highest fan setting for the set period of time.
✇	Condensate prevention (depending on unit): Condensate prevention is active.
▦	Filter change: Change the filters when this symbol appears.
⚲	Fault: The symbol is displayed permanently in the event of faults that do not impair the basic function of the unit.
↑⦶	Bypass mode: The air flow bypasses the heat exchanger. No heat is recovered.
❄	Frost prot.: The preheating coil for frost protection is switched on.
✇	Fan disable: The symbol is displayed in the event of the "Enable fan" is set to "Off".

4.2.3 Controls

Operating controls	Description
"MENU" button	Press this button for approx. one second to call up the menu from the home screen.
	Within the menu, press this button to go back one menu level at a time.
	When setting a parameter value, press this button to exit setting of the parameter. Any changes made will not be saved in this case.
"OK" button	Pressing the "OK" button within the menus confirms the selected parameter and takes you to the next menu level down.
	In order to set the parameter, you must first make it editable by pressing the "OK" button. Then you can change the value with the Touch-Wheel.
	Once you have set the parameter, confirm your entry with the "OK" button.
Touch-Wheel	From the home screen, you can select the following parameters by turning the Touch-Wheel: "Humidity prot.", fan settings "Stage 1" or "Stage 2", "Time program mode", "Intens. vent.", "Favourites", "Direct selec." and "Function block". Confirm the selection with the "OK" button.
	Use the Touch-Wheel to select a parameter or value in the menu.
	If you turn the Touch-Wheel quickly, the increment size changes after a while.

Note
Gloves, wet hands or moisture on the touch-sensitive operating controls make it more difficult to make entries.

4.2.4 Operation

▶ Press the "MENU" button to access the menus from the home screen.
▶ Turn the Touch-Wheel to move to the next parameter.
▶ Press "OK" to change the value of the parameter displayed.
▶ Adjust the value with the Touch-Wheel.
▶ Press "OK" to save the selected value. If you do not confirm the change with the "OK" button, the change will not be saved.

If you do not make any changes for a while, the display automatically switches from the menu structure back to the home screen. Parameter changes made before this which had not yet been confirmed with OK are lost.

If the Touch-Wheel and buttons are not used for a while, the programming unit is locked.

▶ Touch "MENU" for three seconds to activate the programming unit.