

Heat Recovery Ventilation Handover and Maintenance Guide



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Your installation

Commissioning date:	Business name:
Product & serial number:	Installer details:
Ventilation details:	Business address:
Any other details:	Business contact details:



Your warranty

ALL STIEBEL ELTRON heat recovery ventilation units come with a standard 2-year warranty.

The warranty will be valid without requiring online registration. However, registering your warranty is recommended to accurately define the warranty start date. To register, please submit the warranty registration form available at:

<https://www.stiebel-eltron.com.au/warranty-registration>

Rating plates and serial numbers

The location of the rating plate varies by device. It can typically be found on the bottom or low down on the side. For some devices, the plate is mounted behind a flap below the control panel. The serial number is listed on the first line of the rating plate.

STIEBEL ELTRON		Adresse / Address: STIEBEL ELTRON GmbH & Co. KG Dr.-Stiebel-Strasse 13, 37603 Holzminden, Germany	
VRC-W 600 Premium		Nr. / No. 204714-9966-002672-0034	
Typ / Type: Zentrales Lüftungsgerät / Central ventilation unit			
Nennspannung / Nominal voltage:	1/N/PE ~ 220 - 240 V		
Frequenz / Frequency:	50 Hz		
Luftmenge / Air volume flow:	150 - 600 m³/h		
Bemessungsaufnahmehereich / Power consumption range			
Lüftungsbetrieb / Ventilation mode:	98 W		
Heizung / Frost-protection heating:	Max. 2500 W		
Schutzart / Protection class:	IP 22		
CE			
Made in Germany		204714-9966-002672-0034 Montageanweisung beachten! Dichtigkeit geprüft! Observe the installation manual! Tested for leaks!	
		361470-40006	



Heat Recovery Ventilation: What to Expect

Your STIEBEL ELTRON Heat Recovery Ventilation (HRV) system operates almost imperceptibly, and it is one of the smartest devices in your house, creating a comfortable, healthy, and energy-efficient home. By continuously supplying fresh, filtered air and removing stale air, it helps you and your family breathe easier while protecting your home from hidden problems like impurities in the air, moisture and mould. Here's what you can expect from your STIEBEL ELTRON HRV system:

Fresh, Filtered Air Better for Allergies and Everyday Living

- › The HRV system draws in outdoor air, filters it, and delivers it throughout your home.
- › Dust, pollen, and pollutants are eliminated before they reach you – making it especially beneficial for allergy sufferers.
- › You'll enjoy a steady flow of clean, fresh air without needing to open windows and let in allergens.

Energy Efficiency – Fresh Air Without Wasted Heat or Cool

- › Normally, opening windows means losing valuable heating or cooling energy.
- › With your STIEBEL ELTRON HRV system, incoming fresh air is pre-warmed (or pre-cooled) using the energy from the outgoing stale air. Your system is about 90% efficient.
- › This means you help keep indoor comfort levels stable while reducing energy waste – a smarter, more sustainable way to ventilate.

A Healthier Home – Protection from Moisture and Mould

- › Everyday activities like cooking, showering, and even breathing release moisture into the air.
- › Left unchecked, this can lead to condensation, dampness, and eventually mould.
- › Your HRV system continuously extracts this excess moisture and replaces it with dry, filtered air – helping to keep your home healthy and safe.
- › In intensive ventilation mode, it's especially effective in wet areas like bathrooms, keeping them dry and mould-free.

Always on = Always Protected

Unlike air conditioners, HRV systems are designed to run continuously. Turning them off—even for a short period—can quickly allow moisture and pollutants to build up, especially in colder months.

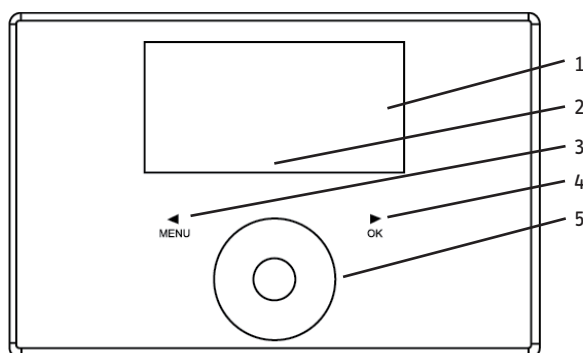
At the very least, systems like STIEBEL ELTRON's should always run on stage 0: ventilation for humidity protection. Think of it as your home's silent, always-on shield against mould and damp.

Invest in your Home's Health

Installing a HRV system is a proactive step towards preserving your home's structure and ensuring a healthy living environment. Keep it running, and it'll keep your home safe, dry, and comfortable year-round.

We at STIEBEL ELTRON expect that all of these benefits are provided to your home by our HRV system, at minimal running cost and whisper-quiet sound levels. If you have any concerns or encounter noticeable events around the installation, do not hesitate to reach out to your installer or the service team at STIEBEL ELTRON.

Controls, Symbols and Legend



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

Controls	Meaning
"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 modes by turning the Touch-Wheel. ➤ Confirm the selection with OK. 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

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 backlighting on.

Symbol	Meaning
	Time program mode The set fan program is active. Depending on the setting, the unit is operated at various fan settings. The number indicates the fan setting.
	Intensive ventilation The unit runs at the highest fan setting for the set period of time.
	Filter change Change the filters when this symbol appears.
	Fault The spanner symbol appears when there is a non-critical error which does not impair the basic function of the unit. This symbol should not be confused with other specific fault codes for more critical errors. Most often, the spanner symbol appears when airflow is partly restricted at the appliance. As first approach it would be best to inspect filter condition and checking the air ducts for blockages. Heat recovery core is recommended to be checked and cleaned every three years, see details in operations installation manual. Notifications can be cleared by going to: Menu/ Diagnostics/ Clear notifications list/ turn ON press OK.
	Bypass mode The air flow bypasses the cross-countercurrent heat exchanger. No heat is recovered.
	Frost protection The preheating coil for frost protection is switched on. If the symbol flashes, ventilation has been deactivated on the basis of the frost protection strategy.
	Fan disabled The symbol is displayed if the "Enable fan" parameter is set to "Off".
	Holiday program The set holiday program is active.





VRC-W 450-600

Your VRC-W 450-600

Your VRC-W HRV unit is easiest controlled, home and away, with the MyStiebel App. Download and connect by scanning the QR code. Connection instructions are found in both the unit's manual as well as provided in the app after downloading. You can always use the main controller on the unit or a room controller (FEB) to change the operating mode and access system settings.



MyStiebel App



Maintenance

The system has been designed for simple maintenance. Filters should be checked and replaced every 6-12 months, depending on your local conditions. Replacement filters are available from the STIEBEL ELTRON online store.



Stiebel Store

Operating Fan Stages

Fan Stage	Recommended Use Case
	Ventilation for humidity protection - Minimum setting to protect your home. Standby mode until humidity threshold is reached.
	Stage 1: Reduced ventilation - For use when no ones home.
	Stage 2: Nominal ventilation - Default operating mode - For every day use.
	Stage 3: Intensive ventilation - For during showering or parties.

Nominal ventilation provides the best balance of moisture protection, air quality and noise.

To access the filters, locate the two indentations on the sides of the unit (at controller height) and detach the front panel. Pull the filter cover forwards to remove it from the appliance. For more detailed guidance, including filter monitoring via the app, please refer to the operation and installation guide. Cleaning of the heat exchanger is recommended every 3 years. Your installing HVAC specialist (see page 1 for contact details) can assist with this step.



LWZ 180-280

Your LWZ 180-280

Use the main controller mounted on the unit or a room controller (FEB) to change the operating mode and access system settings.

Optional: For even easier operation, the LWZ range comes with an accessory enabling the MyStiebel App on your phone. Important: Only compatible with models built after July 2024.

The WLAN VRC.1 extension has to be installed by a qualified electrician, enabling WiFi compatibility. Contact your installer for more information.

Download and connect by scanning the QR code. Connection instructions are provided in the app after downloading.



WLAN VRC.1 Extension



MyStiebel App

Maintenance

The system has been designed for simple maintenance. Filters should be checked and replaced every 6–12 months, depending on your local conditions. Replacement filters are available from the STIEBEL ELTRON online store.



Stiebel Store

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For more detailed guidance, please refer to the operation and installation guide. Cleaning of the heat exchanger is recommended every 3 years. Your installing HVAC specialist (see page 1 for contact details) can assist with this step.

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VCR 180 MC

Your VCR 180 MC

The VCR 180 HRV provides fresh, filtered air while recovering heat from outgoing air, ensuring energy efficiency and year-round indoor air quality. Use the room controller (FEB) to change the operating mode and access system settings.

Optional: For even easier operation, the VCR range comes with an accessory enabling the MyStiebel App on your phone.

The WLAN VRC.1 extension has to be installed by a qualified electrician, enabling WiFi compatibility. Contact your installer for more information.

Download and connect by scanning the QR code. Connection instructions are provided in the app after downloading.



WLAN VRC.1 Extension



MyStiebel App

Maintenance

The system has been designed for simple maintenance. Filters should be checked and replaced every 6–12 months, depending on your local conditions. Replacement filters are available from the STIEBEL ELTRON online store.



Stiebel Store

To access the filters, unscrew and remove the two covers on the underside of the appliance. The filter trays can then be loosened and slid out.

For more detailed guidance, please refer to the operation and installation guide. Cleaning of the heat exchanger is recommended every 3 years. Your installing HVAC specialist (see page 1 for contact details) can assist with this step.

Operating Fan Stages

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VLR 70

Your VLR 70

The STIEBEL ELTRON VLR 70 decentralised ventilation unit is designed for single-room operation – ideal for apartments, retrofits, or spaces where ducted systems aren't practical. Installed in pairs (supply and extract), each unit alternates airflow direction, providing balanced ventilation and high heat recovery efficiency. The VLR 70 delivers fresh, filtered air to your home while recovering up to 90% of the heat from outgoing air, ensuring comfort, air quality, and energy efficiency all year round.



Maintenance

To access the filters, first rotate the internal panel 45° anticlockwise to remove, undo the four knurled screws and then remove the base plate. Then the unit can be unplugged and slid out of the wall penetration. From here the internal and external filters can both easily be accessed.

For more detailed guidance, please refer to the operation and installation guide. Cleaning of the heat exchanger is recommended every 3 years. Your installing HVAC specialist (see page 1 for contact details) can assist with this step.



Stiebel Store

FAQ

When do I know my system needs maintenance?

There can be multiple things indicating that maintenance is required, but the two easiest ways to tell are the filter icon showing on your unit's controller, or the machine becoming notably noisier. In either case, check the filters and look for any obvious signs that your HRV may need service (for example a collapsed duct or blocked condensate drain).

Should my system heat up my home?

No, heat recovery ventilation heating a home is a common misconception. It recovers the heat otherwise lost through opening your windows, but it does not actively heat. Moderate heating is still required in winter for your HRV to work best.

Can I use the app from home and away from home?

Yes, the MyStiebel App allows you to control your HRV system from home and remotely.

Does my system redistribute heat throughout the home?

It does create cross flow throughout your home, which is going to move energy around. But it is not a heat transfer system that effectively moves heat from a significantly warmer room to an adjacent cooler room. Ducting runs back to a central manifold first, where the energy is redistributed across all other ducts.

Do I still need to open my windows?

No, with a well designed HRV system in place, the unit introduces enough fresh, filtered air for your home to be healthy and for Co2 concentrations to remain low.

Who can I contact to find out about the warranty period of my HRV unit?

The standard warranty is 2 years. If you need to find out when this started, contact our team at 1800 153 351 or online (same QR code to service enquiry).



Service Enquiry

For new and interesting information on our products, visit www.stiebel-eltron.com.au or consult your local trade partner.

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