STIEBEL ELTRON

High quality air in every room
High comfort levels every day

Decentralised compact units for well distributed fresh air



A relaxed start to the day depends on a restful night’s sleep. Since having a ventilation unit installed, we’ve been sleeping better than ever. It means we have fresh air in the room without having to have the window open – so we don’t lose any heat. We could happily stay here all day!

Comfort through technology



The relaxed route to fresh air

Moisture accumulates in every building, even in your own home. Make sure that it doesn’t diminish your living comfort. The easiest way to do this is with a fully automatic ventilation unit. It takes on the important task of air exchange, protecting your health and the fabric of the building. For you, that means convenient ventilation without having to open the windows.

Enjoy healthy air fully automatically
Fully automatic ventilation takes the current air humidity in the house into account and automatically adjusts the supply of fresh air accordingly. A helpful extra function is heat recovery, which can be as high as 90 %. In addition, ventilation units are also fitted with special filters which keep pollen and dust outside – so people with allergies can breathe a sigh of relief.

Good reasons to enjoy your home comforts
- Building fabric protection and fungal mould prevention
- Hygienic indoor air quality assured
- Beneficial for allergy sufferers due to good air filtering

Four components for good indoor air



Room temperature

Generally, temperatures between 19 and 23 °C are felt to be comfortable in a house or apartment.



Humidity

In our homes, optimum humidity lies between 40 and 50 %. In heated rooms this should not sink below 30 % or rise above 60 %.



Air purity

For a feeling of wellbeing, the CO_2 content of the air should be as low as possible. Depending on the time of year and the location, fresh outdoor air generally contains around 300 to 400 ppm.



Air movement

For the movement of air within a living space to be perceived as pleasant, its speed should be between 0.1 and 0.15 m/s.

Experience a strong performance in an inconspicuous design

VLR 70 L Trend EU decentralised ventilation unit

This decentralised ventilation unit supplies fresh air to up to 100 m² of living space. Virtually no heat is lost, as it is fed back into the room with the outdoor air supply. This can help to reduce heating energy losses by as much as 90 %.

Keep pollutants out
Dirt and pollen don't stand a chance of finding their way into your home through this ventilation unit. Particularly good filter performance is achieved due to filters on both the inside and outside of the unit. As a result, people with allergies can breathe a sigh of relief as well.

Top product features
- Decentralised ventilation unit for rooms with external walls
- Very easy to clean thanks to the aluminium surface of the heat exchanger
- Can provide intensive ventilation with low noise emissions
- High air quality, plus long service life through the use of two filters per fan
- Fitted with a fine dust/pollen filter making it ideal for allergy sufferers
- Moisture recovery of up to 60 %
- Control up to 8 units with the user interface

Heat recovery

Make the best choice for all your plans

You might not notice the stale air in your home, but it can still make you feel lethargic and sluggish, and even impact your health. It is important to make sure that you have a regular supply of fresh air. Our decentralised ventilation units, which are easy to install, offer a convenient solution that takes on the task for you in a fully automatic process. They also extract the heat from the extract air and feed it back in with the fresh air.

How they work

These units are Installed in pairs - either in one room or adjoining rooms with good airflow between them (see the manual for exact requirements). In normal heat recovery mode one unit of each pair will extract whilst the other brings in fresh air, switching several times a minutes between them. A central controller can handle up to 4 pairs so that a whole house can be ventilated (and yes, it is possible to have an odd number more than 1 as the controller will balance the input and extract, though they are only sold in pairs).

A cross ventilation mode (one of the pair continually extracting, the other ventilating) without heat recovery can be used for hot summer nights to ventilate the house without keeping in heat.

Key installation points

- Fit on external walls
- Units are hard wired to the central controller
- Ideal for gently but intensively ventilating living, working and sleeping areas
- Can be used in conjunction with extract-only fans in high humidity rooms like bathrooms and kitchens

Decentralised ventilation units



Model	VLR 70 L Trend EU
Apartments I detached houses	■ I ■
Living space I kitchen, bathroom, WC	■ I –
Installation location	External wall
Wall outlet	■
Flush-mounted version	
Surface-mounted version	
Heat recovery	■
Automatic demand-dependent ventilation	■[1)]
Accessories available for even better air quality	■
Product class	Trend

[1)] With additional accessories such as humidity or CO_2 sensor.

Decentralised ventilation unit product data

Model		VLR 70 L Trend EU
Product number		**203133**
Power consumption	W	2-12
Heat availability level up to	%	89
Air flow rate	m³/h	20/30/40/49/70
Height/Width/Depth	mm	285/360/780
Weight	kg	5.20

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