

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.

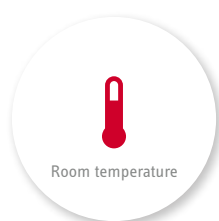
Enjoy healthy air fully automatically

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



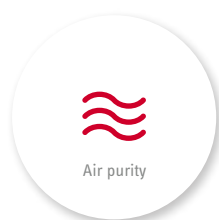
Room temperature

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 CO₂ 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.

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. Our extractors are particularly suitable for bathrooms and kitchens, where humidity levels can often be very high. Our solutions give you the best climate – whatever your living situation.

Decentralised ventilation units



Model

Apartments | detached houses

Living space | kitchen, bathroom, WC

Installation location

Wall outlet

Flush-mounted version

Surface-mounted version

Heat recovery

Automatic demand-dependent ventilation

Accessories available for even better air quality

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VLR 70 S/L

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External wall

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¹⁾With additional accessories such as humidity or CO₂ sensor.

²⁾With integral humidity sensor.



Decentralised extractors



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LA 60 VE-U Plus | Trend

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Windowless rooms

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LA 60 VE-A Plus | Trend

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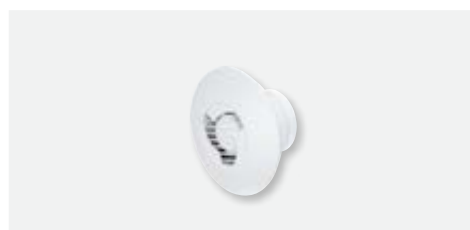
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Windowless rooms

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LA 70

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External wall

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Experience a strong performance in an inconspicuous design

VLR 70 S/L 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 92%.

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

Turn every space into an oasis of fresh air

LA 60 Plus | Trend decentralised extractor



This fan unit is highly attuned to stale air. To be precise, it is equipped with a sensor, which determines when the room needs ventilating. Humidity and the prevailing temperature also influence the exchange of air.

Bringing flexibility to air exchange

Some models are equipped with start delay and run-on time functions for added convenience. These allow you to set when air exchange should start and stop – a useful feature for when you need to leave home shortly after showering or cooking. When you return, air with just the right humidity will be waiting to greet you.

Top product features

- › Decentralised extractor for internal rooms without windows
- › Highly convenient thanks to demand-dependent control according to humidity and temperature
- › Adjustable start delay and run-on time with the Trend models
- › Versions for flush-mounted and surface-mounted installation, with or without fire protection functions
- › Ideal for combination with our decentralised ventilation unit

Assist damp air in finding its way outside

LA 70 decentralised extractor



This extractor is the perfect assistant for comfortable indoor air in the home. It conveys extract air to the outside from humid rooms such as kitchens and bathrooms, and can be connected with either flexible or rigid extract air ducts. Thanks to its straightforward installation, it is also ideal for modernisation projects.

Block outside influences

To be able to do its job convincingly, the extractor has an iris shutter, which opens and closes automatically. This not only helps to keep noise outside, but also prevents outdoor air from flowing in unintentionally. This way, you can get rid of stale extract air without the unwanted side effects.

Top product features

- › Decentralised extractor for rooms with external walls
- › For use in traditional extract air areas, such as the bathroom, kitchen and WC
- › Modernisation solution that is easy to install
- › Ideal for combination with our decentralised ventilation unit

Decentralised ventilation unit product comparison

Model		VLR 70 L Trend EN	VLR 70 S Trend EN	VLR 70 L Trend EU
Product number		201458	200002	203133
Power consumption	W	2-12	2-12	2-12
Heat availability level up to	%	92	92	89
Air flow rate	m ³ /h	20/30/40/49/70	20/30/40/49/70	20/30/40/49/70
Height/Width/Depth	mm	285/360/780	285/360/590	285/360/780
Weight	kg	5.2	5.2	5.2

Decentralised extractor product comparison

Model		LA 60 VE-U	LA 60 VE-A
Product number		201450	201451
Power consumption	W	8	12
Air flow rate	m ³ /h	30/60	30/60
Height/Width/Depth	mm	270/270/49	270/270/136
Weight	kg	2.0	2.5

Model		LA 70 VE-U	LA 70 VE-U 12
Product number		237109	237110
Power consumption	W	9	8
Air flow rate	m ³ /h	68	79
Height/Width/Depth	mm	197/197/108	197/197/108
Weight	kg	0.9	0.9

Recharge your energy with ours

We need energy to live. As a family business, we endeavour to ensure that energy will still be available in tomorrow's world. That is why we advocate environmentally responsible and efficient building services that safeguard investment. We act for the future – yours and ours.

Since 1924, STIEBEL ELTRON has been synonymous with reliable solutions for domestic hot water, heating, ventilation and cooling. We maintain a clear focus in the energy debate: electricity, preferably harnessed from renewables, is the energy of the future. That is why we rely on approximately 3900 employees around the world for efficient heating solutions with green technologies.

From the design and manufacture of your appliance through to its maintenance, we systematically apply our expertise, strength of innovation and experience – gained from working with customers with high standards, such as yourself, and from the sale of more than two million appliances each year. We

have the right solution to meet any requirement. Solutions designed to raise the level of convenience in your home today and still be up to date tomorrow.

You can see first hand our commitment to green technology by visiting the Energy Campus at our head office in Holzminden, Germany. This training and communication centre is our flagship project for sustainable and resource-efficient construction. It combines the highest standards of architectural and communication quality. As a PlusEnergy building, it generates more energy than it consumes. Come and experience what our name stands for – in theory and practice.



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