

**aumüller** ■  
auf. zu. mehr.

**NEW**

## 800 N

More powerful than all the others in its size class. The new KS8 chain drive with 800 N.



**INNOVATION  
CREATES  
ADDEDVALUE.**

Modularity with the utmost consistency.  
With a simple Click.



# Improving air quality in buildings and saving lives in case of fire.

We all need air to breathe, even indoors. AUMÜLLER brings air quality into the building for greater performance and well-being. In case of fire, we even help to save lives by providing vital breathable air on escape routes.

Without fresh air, people do not feel well. Their concentration suffers and their performance is reduced. AUMÜLLER **vent** changes that. We create a climate of well-being and productivity in buildings thanks to modern ventilation solutions. In doing so, we use a simple principle of physics: warm, stale air rises and lets fresh, oxygen-rich air flow in. We rely on intelligent window automation to ensure that this always takes place to the right extent.

Nevertheless, AUMÜLLER solutions not only make life more pleasant. They also help to save lives. Such as in the event of a fire. To allow as many people as possible to leave the affected building, escape routes must provide breathable air. Every minute counts. AUMÜLLER **ferralux**® window drives and control technology allow rapid smoke extraction from affected parts of the building. This can save lives. And whole buildings.



# AUMÜLLER vent – Fresh air increases well-being and performance.

Fresh air is essential for well-being and productivity. Even in enclosed buildings. Controlled natural ventilation with AUMÜLLER vent enables controlled air exchange indoors to increase air quality.

AUMÜLLER vent uses the interaction of automated window sensors and a ventilation control centre. Windows are opened and closed in a coordinated manner depending on time of day, temperature, air quality and humidity.

Stale air can escape upwards, while oxygen-rich, fresh air flows in from below. The air exchange takes place all by itself and without any additional energy input. With AUMÜLLER vent, a comfortable climate is created in the office building, airport or classroom almost by itself.



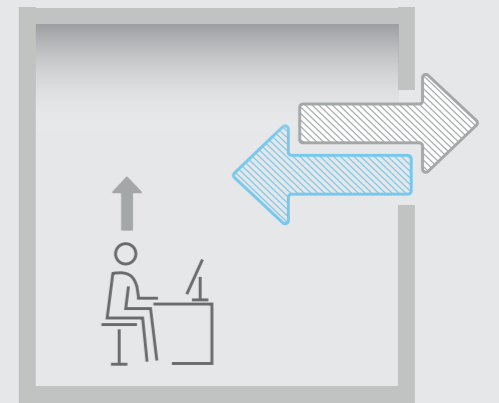
**Increasing users' comfort levels:**  
Fresh air increases the comfort of the users.



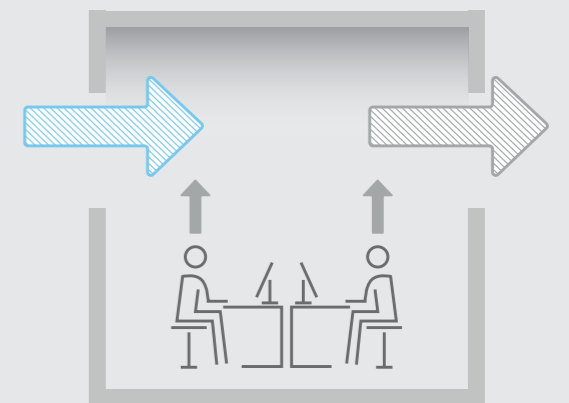
**Protecting the environment:**  
Low energy consumption by using a natural principle.



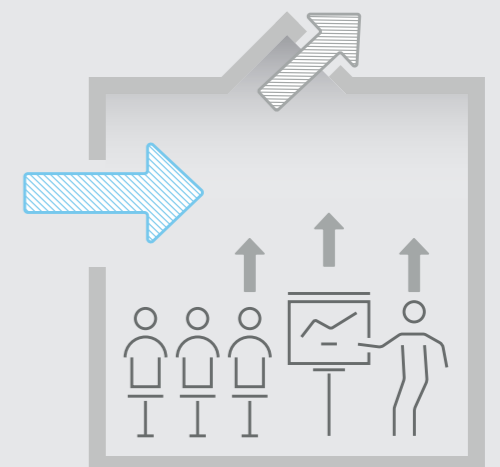
**Reducing investment costs:**  
Reduction of construction costs in comparison to mechanical ventilation.



**One-sided ventilation**  
Air supply and outflow take place through the same window. Regular forced ventilation ensures the supply of fresh air.



**Cross-ventilation**  
Efficient cross-ventilation enables a quick exchange of air between humid, stale indoor air and dry, fresh outdoor air.



**Upflow ventilation**  
Windows, domes or flaps allow the stale room air to escape vertically, while fresh outside air can flow in from the side.

# AUMÜLLER ferralux® – Protecting life, values and economic efficiency.

If a fire breaks out in a building, controlled air supply and smoke evacuation can save lives, as it gives people more time to escape to safety via smoke-free escape routes.

Before a fire engulfs an entire building, the smoke that develops is already blocking the escape routes. A safe escape into the open is then no longer possible. AUMÜLLER ferralux® changes that. The combination of window automation and intelligent control helps to effectively ventilate building sections affected in case of fire.

This uses a natural principle of physics: warm, smoky air rises, and air flowing in from outdoors is drawn in. This gives us a vital five to ten minutes to find our way out unharmed.



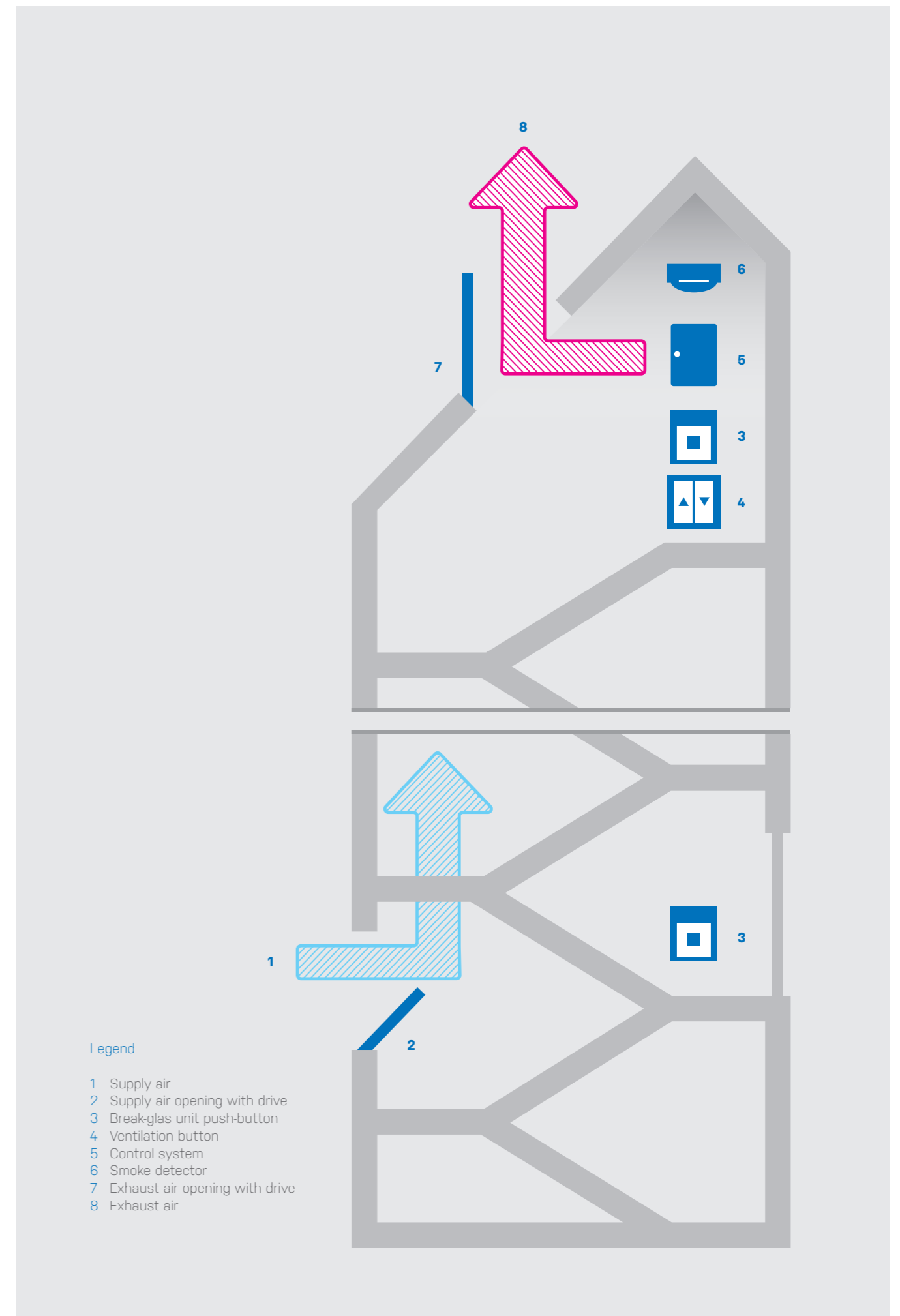
**Ensuring fresh, breathable air in case of fire:**  
Rapid smoke extraction and a coordinated supply of fresh air avoids smoke poisoning.



**Smoke-free escape routes:**  
Keeping escape routes smoke-free allows good visibility during self-rescue.



**Facilitating fire-fighting operations:**  
Direct help for emergency services, as the source of the fire remains visible for targeted fire-fighting.





# The strengths of a family business and the freedoms of New Work.

Our activities are characterised by responsibility, care and speed. Flexibility and sustainability, courage and reliability guide us in achieving our goals. Here at AUMÜLLER, these values are part of our culture, at all levels. That is why we also integrate modern, flexible working concepts into our company without any problems, benefiting all our staff and customers.

The values of a family business have determined everything we have done for over 50 years, both internally and with our partners and customers. As part of the company management, the AUMÜLLER management team jointly ensures the long-term approach and sustainability of all of our activities.



Here at AUMÜLLER AUMATIC, innovation never happens by chance, but is in fact the result of systematic planning by agile and cross-departmental teams without hierarchies.

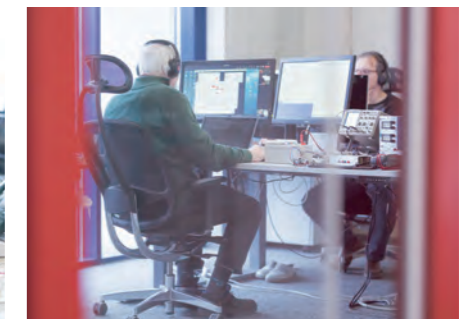
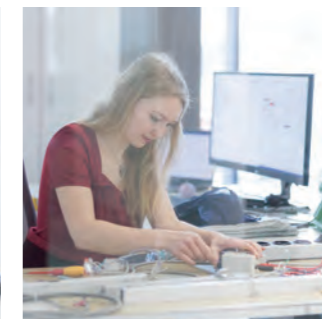


# Favorite place for committed, value-orientated people.

AUMÜLLER is one of the leading companies for people who enjoy taking on responsibility. We are looking for people who are proactive, committed to further development and value freedom. At AUMÜLLER, all of these are found in abundance.

Anyone who knows AUMÜLLER also knows the values that shape us: customer proximity, empathy and commitment. These are the result of a long-standing tradition that sets the course for successful cooperation – within our company and externally, towards partners and customers.

When it comes to long-lasting, trusting customer relationships, we are convinced that not only excellent product quality and technical precision but also the human factor are crucial. This is why we offer both.



# On an equal footing with our customers and their goals.

## Collaboration

We believe in the power of teamwork. That is why we work in partnership and personally with our customers. We understand our partners' perspectives and thus always achieve better solutions and the best possible outcome for both sides.

## Professional development

At the AUMÜLLER Academy, people acquire skills for planning, installing and maintaining SHEV systems. During the process, we train our staff in essential theoretical and practical expertise, as well as in comprehensive product and system information. Find out more at: [aumueller-gmbh.de/en/academy/](http://aumueller-gmbh.de/en/academy/)



"We tackle our customers' issues and provide them with the solutions."

Alexander Birner, Head of Product Management



# A key component of futuristic buildings.

The multitude of reference projects is the result of our successful collaboration with renowned architects, innovative technical planners, pioneering developers, open-minded general contractors and a large number of expert window and facade construction companies.

## Testo Headquarters

Based in the Black Forest, the company is a long-established global player in measuring technology. The company building, a symbol of precision and innovative strength, is equipped with AUMÜLLER automation technologies.



## Atlas - Eindhoven University of Technology

It is regarded as the most sustainable educational building in the world and was so consistently designed for CO<sub>2</sub> reduction using AUMÜLLER technology, among other things, that it manages entirely without fossil energy.





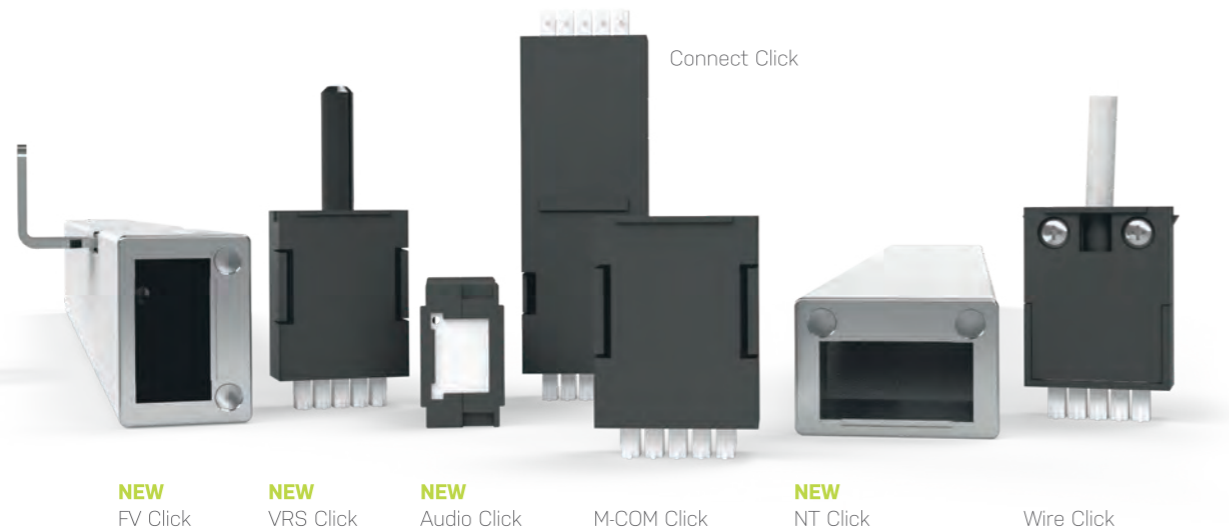
Click solutions

# Create customised solutions. With a simple Click.

With the Click solutions from AUMÜLLER, chain drives can be customised in no time at all. By combining the different components, individual solutions can be realised – without any tools or lengthy configuration.



Modularity with the utmost consistency – for all drives with a KS4, KSA, KS8 & KS15 Click slot



The ingenious AUMÜLLER Click system eliminates the need for a lot of connection and programming work. The principle: Plug & Play. This means that many steps in the installation process are quickly ticked off. The Click system also helps to ensure that there are no errors at all during installation.

In essence, the click system standardises and simplifies important interfaces. This also reduces the number of parts required. Using AUMÜLLER products with the Click system for SHEV systems and solutions for natural ventilation reduces expense, effort and error sources at many levels.

The Click system also provides expansion options for new and existing drives. One example is the VRS Click radio receiver. Window drives that are equipped with it can be individually controlled via remote control.

Chain Drive KS4

# High performance in a compact format.

The elegant all-rounder for smoke and heat extraction as well as for natural ventilation is impressive in terms of modularity. The drive creates design freedom, enables simple installation and integrates seamlessly into modern facade systems.



**Unique power:**

In the smallest space, the KS4 applies 400 N of force to the chain.



**Reliable function:**

Long-lasting construction made of high-quality materials, with a wear-free stainless steel chain.



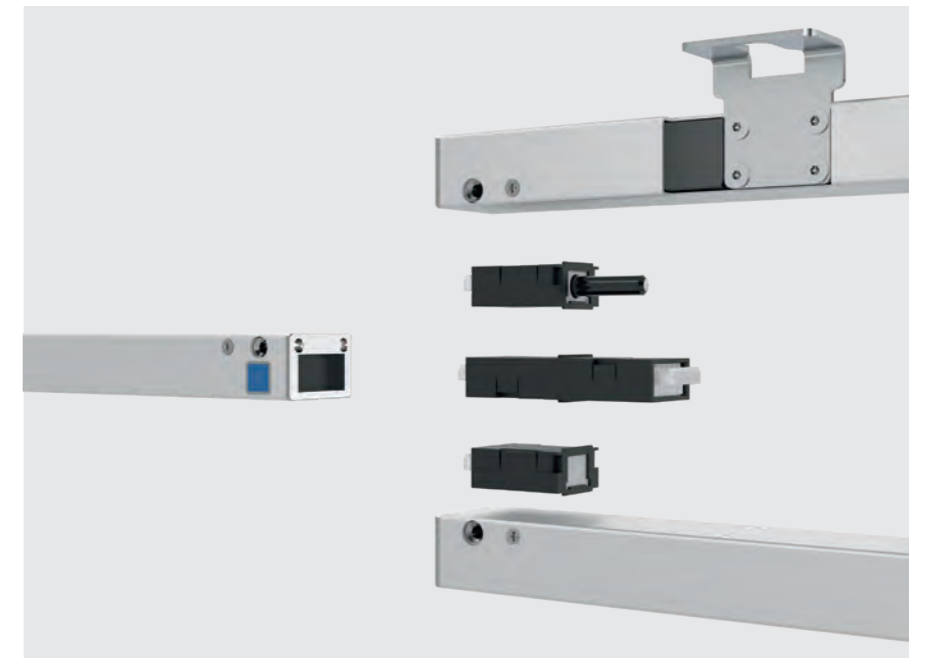
**Quick installation:**

Universally applicable drive, direct installation without brackets, integrated plug solution.



**Self-learning:**

Configuration to a drive network system takes place automatically via the pluggable M-COM Click.





Chain Drive KS4

# Full connectivity. Little work involved.

The Click solution of the KS4 from AUMÜLLER is unique. Connect Clicks on both sides allow a flexible combination of up to four chain drives and two locking drives.

It's as simple as it looks. Even complex combinations of chain and locking drives are quickly assembled using Connect Click.



NEW

Chain Drive KS8

More powerful than all the others in its size class.

800 N



No other drive of its size performs better. The AUMÜLLER KS8 applies an impressive 800 N of force to the chain in a controlled manner to open and close large-format façade elements. Not only does it have an impressive and unrivalled installation space-to-force ratio. The KS8 also delivers a remarkable speed of up to 22 mm per second!

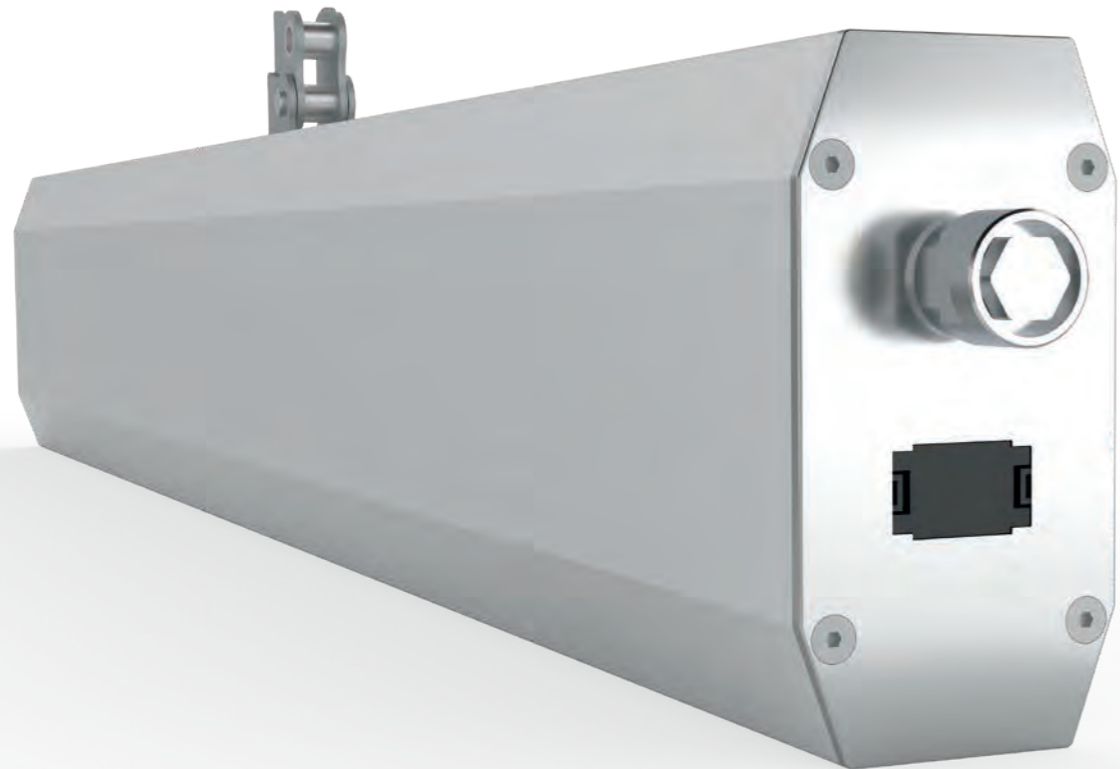
Our new powerhouse is perfectly compatible with our Click system. The Click system also turns the KS8 into a team player within a system of several drives and locking devices.



Chain Drive KS15

# It can easily move heavy things.

The AUMÜLLER chain drive KS15 will win you over thanks to its impressive 1,500 N. The powerhouse easily takes on very large and heavy windows in the roof area. In addition, it is impressive thanks to its unique installation system.



The strengths of the KS15 are the enormous power, compact design and sophisticated installation system. This makes the KS15 particularly easy and economical to install.

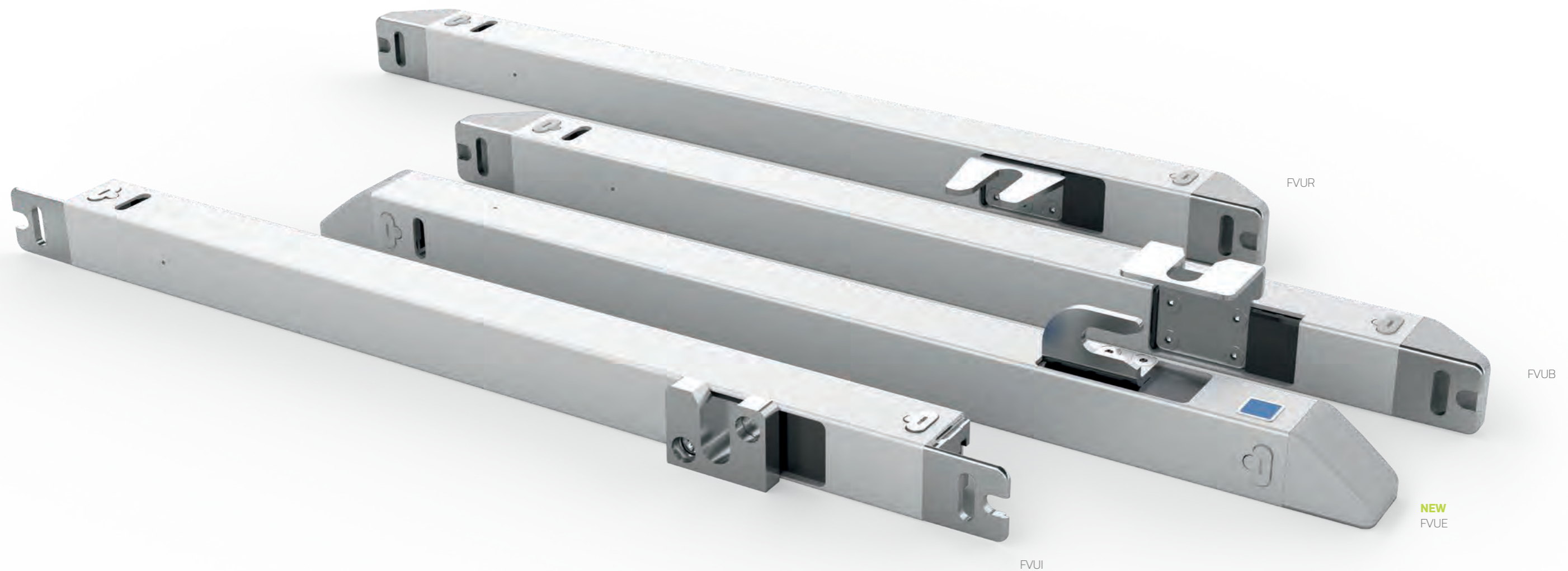


# Universal application options for greater flexibility.

The perfect solution for every window. The forces of 600 N make it possible to move all common hardware systems. Large windows are securely locked and unlocked in only five seconds. The four variants make the FVUx an absolute all-rounder among locking drives.

The FVUx variants are ideally suited for use in NSHEVs in combination with AUMÜLLER chain, spindle and flap lever drives. Locking drives provide large windows with additional security. They ensure increased impermeability to driving rain and wind.

In the FVUI variant, the short and slim design allows integrated installation in a wide range of profiles. The design of the FVUB and FVUR allows unobtrusive surface-mounted installation on inward or outward opening windows. The FVUE allows locking points to be easily retrofitted onto windows without locking bars. It is installed on the frame of inward opening windows.





Control Unit EMB8000+

# Better networking and control of window drives.

The EMB8000+ modular control unit allows decentralised SHEV and ventilation systems to be implemented. Its modular design allows digital and flexible connections with modern building management systems.



## A plus in terms of networking!

Thanks to the new IP interface, the EMB8000+ can be networked even more easily and extensively. Even complex smoke extraction scenarios in large building projects can be completed without any problems. Thanks to the decentralised control system, up to 30 control units can be networked together. Furthermore, the new CM module of each of these control units allows up to 30 freely programmable bus break-glas unit push-buttons to be installed in a physical line, providing direct connections to smoke detectors and ventilation push-buttons.

## A plus in terms of user-friendliness!

The EMB8000+ operates easily and independently via all common end devices, from PCs to tablets and smartphones – even wirelessly via an integrated Wi-Fi interface. The software runs system-independently on Windows, iOS and Android, ensuring the greatest possible compatibility. Its new and intuitive user interface makes it much easier to use.



Up to 30 bus break-glas unit push-buttons or bus smoke detector participants can be connected to an EMB8000+ CM module. These can be flexibly assigned to the SHEV groups.



Software

# A configuration tool for all of our products.

Smart solutions save time and money. Software that, via various plug-ins, enables you to start up and configure all AUMÜLLER products. It also provides support in diagnosing and analysing errors. The software contains all the installation instructions and is available in multiple languages.

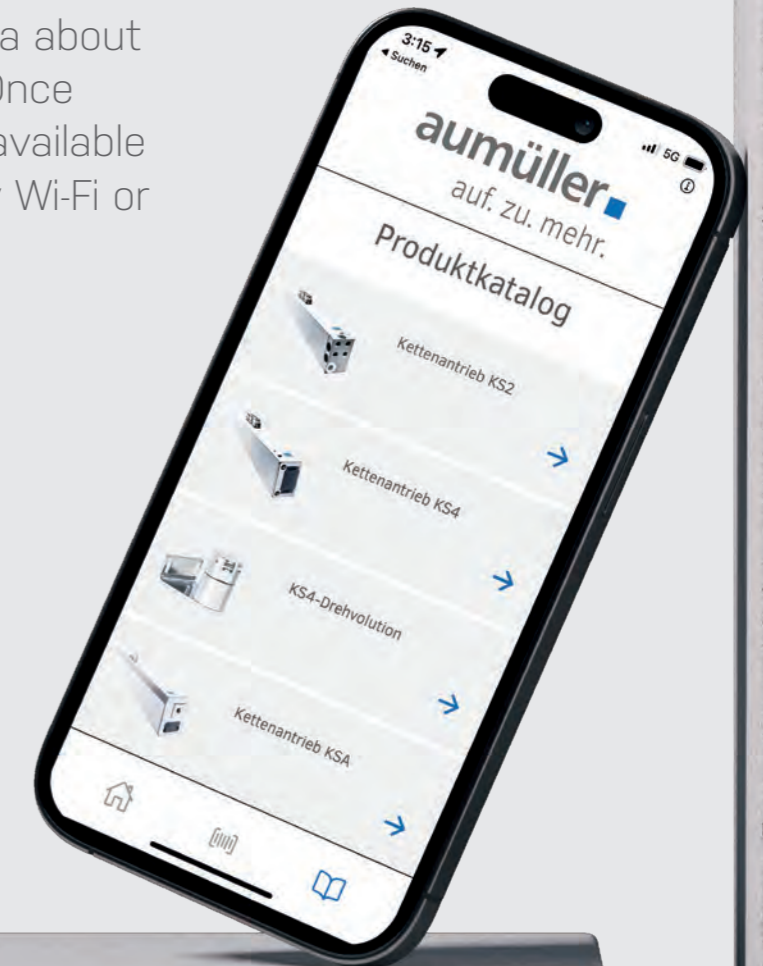
No time-consuming installation: Download the software from the AUMÜLLER website and use it straightaway.



Product catalogue app

# The AUMÜLLER product range is always available – via app.

Fortunately, the right solution is always available. The AUMÜLLER product catalogue app provides installers, architects and planners with access to all information and technical data about the AUMÜLLER product range. Once downloaded, all content is also available offline, without the need for any Wi-Fi or mobile phone reception.





NEW

Smart Vent Box

# Implementing ventilation systems is so easy.



The right solution for every application:  
SVB Modbus, SVB Flex, SVB 0-10 V & SVB KNX.

The retrofitable, compact control modules simplify the creation of ventilation systems in several ways. Thanks to their compact design, they fit into any standard flush-mounted box. The spring-loaded clamps allow wiring without tightening a lot of screws. The automated teach-in takes place at the push of a button, without any additional programming steps. A test run for function tests is launched via the integrated ventilation button.



NEW

Vent Radio System

# This is how easy it is to install your ventilation solution.

With drives from AUMÜLLER which have an additional Click slot, the new Vent Radio System turns your windows into an individually remote-controlled ventilation solution in the blink of an eye.



#### Wireless control of up to four windows individually.

A remotely controllable ventilation system adjusts the room climate to people's personal needs. This increases your quality of life and productivity. The Vent Radio System from AUMÜLLER simply expands the range of functions of your existing drive technology.

#### More functionality. Little effort.

Create ventilation comfort without any costly conversion: the particularly easy-to-install VRS Click is simply inserted into the free Click slot of the drive. Convenient wireless integration of the VRS RainSens has also been conceived.

#### Easy to use, reliable and easy to install.

With the Vent Radio System, you can implement your ventilation control as a retrofit for stand-alone solutions for up to four windows. The components are particularly easy to link. In this way, you can start using your ventilation at the touch of a button.

NEW

Lift Smoke Free

# Energy-saving ventilation and smoke extraction in lift shafts.

The AUMÜLLER Lift Smoke Free system is an important contribution to resource conservation and sustainability in buildings. The solution saves an average of up to 15,000 kWh per year on lifts by temporarily closing the permanent opening required under building law.

Three solution concepts are available for efficient lift shaft smoke extraction and ventilation. All have the general building authority approval ("abZ" in Germany), are suitable for different shaft sizes and heights and have different types of smoke detection.

#### Point sensors

Smoke detection is performed by point sensors, whose number depends on the shaft height.

#### Linear sensor

A linear smoke detector is used, including a control unit and detector head.

#### Smoke intake system

The smoke is detected by means of an intake system consisting of a pipe system and an evaluation unit.





NEW

Break-glas unit

# Manual alarm release with a new housing design.

Thanks to its new design and a total of five available colours, the AUMÜLLER break-glas unit can be flexibly integrated into any usage concept.



The integrated displays of the break-glas unit provide information regarding the detector lines of a SHEV control centre, when manually controlling the EMERGENCY OPEN and CLOSE functions of a SHEV group. It can be used on all AUMÜLLER SHEV control units of the EMB 7 and 8 series.

All function combinations such as main control point with buzzer, bus and secondary control point are available in the same housing thanks to an identical circuit board design. The drilled holes have been placed identically to facilitate replacement.



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