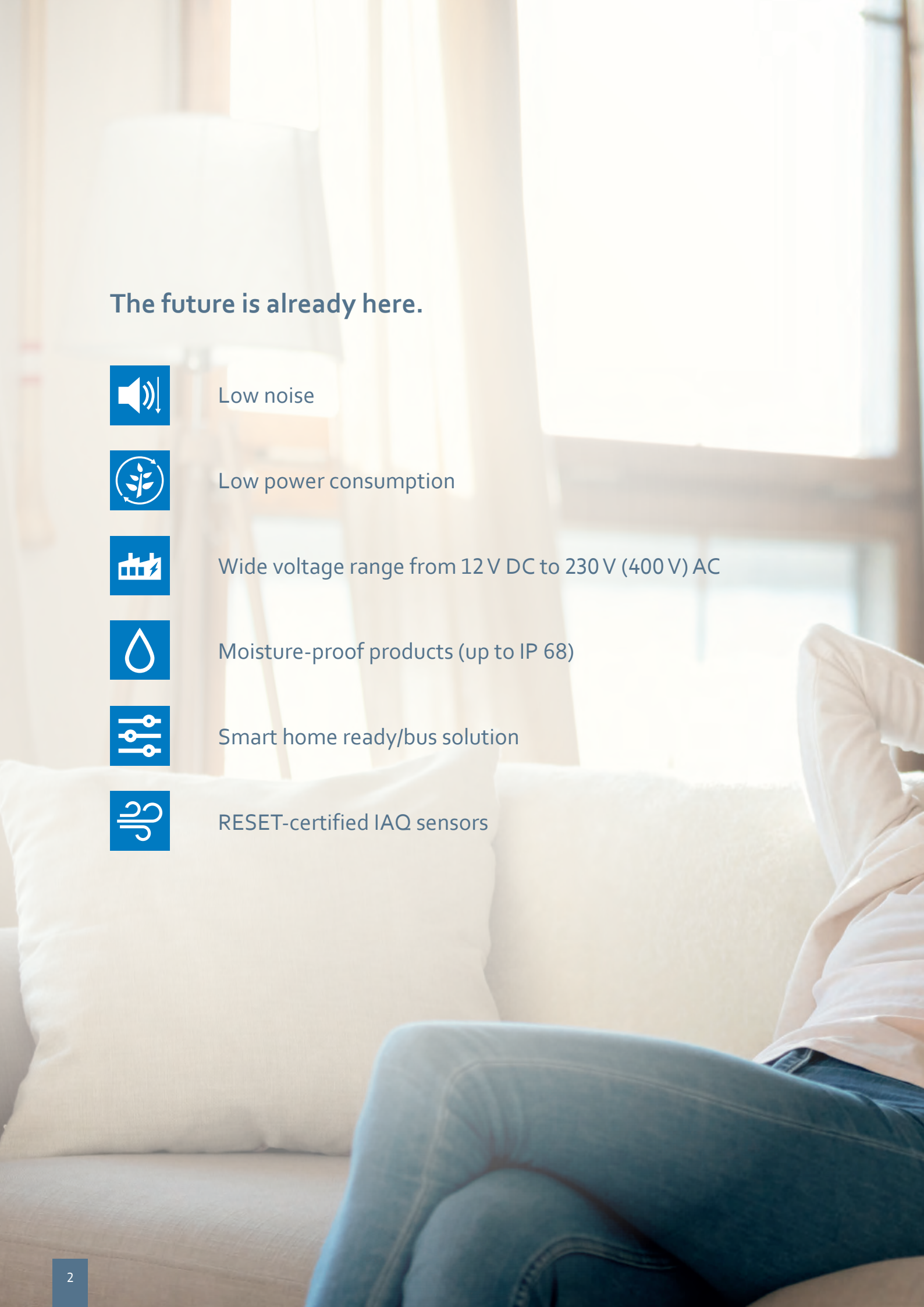
Controlled, comfortable indoor climate *with ebm-papst.*

Energy-efficient fans for residential ventilation.

ebmpapst

engineering a better life



The future is already here.

- Low noise
- Low power consumption
- Wide voltage range from 12 V DC to 230 V (400 V) AC
- Moisture-proof products (up to IP 68)
- Smart home ready/bus solution
- RESET-certified IAQ sensors

Controlled residential ventilation **for a comfortable indoor climate.**

A quiet atmosphere and good air quality are crucial to the well-being, health and productivity of all of us – not only in our homes, but also at work, at school, in supermarkets and when visiting the doctor. Regular ventilation to ensure that there is a sufficient exchange of fresh air is not even possible in many of the cases mentioned and often cannot be satisfactorily regulated even in residential buildings. In modern buildings with increasingly impermeable building envelopes, manual ventilation is not the better choice either. In addition, open windows often let annoying noise from the street into the building.

The solution is centralized or decentralized ventilation systems that automatically ensure an optimal exchange of air and keep the noise outside. ebm-papst develops intelligent, precision-fit fans for this purpose. State-of-the-art EC technology makes them extremely economical to run and also exceptionally quiet.

No matter what you want to ventilate:
We have the solution that will make everyone feel comfortable.

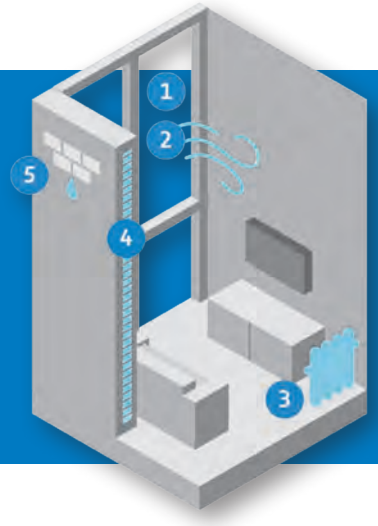
Good home ventilation – *a matter of health.*

There are many factors that can prevent a comfortable and healthy indoor climate. This is why it's advisable to create ideal conditions for people to live and work in a healthy, balanced indoor climate right from the start with intelligent residential ventilation.

Reasons for excessive humidity

Moisture spots, mold, fungi – high humidity results in unwanted guests.

1. No natural exchange of air
2. Incorrect or too infrequent ventilation
3. Poor heating behavior
4. Construction defects or inadequate insulation
5. New buildings that have not been completely dried out yet



Effects of humidity

In addition to material damage, excessive humidity in living spaces can also lead to health problems.

1. Mold formation (up to 75% greater risk of developing allergies or asthma*)
   → expensive to eliminate
2. Mites and fungi (allergies)
3. Unpleasant odors
4. Increased consumption for heating and cooling
   → higher energy costs
5. Humidity damage in the home, such as paint peeling
   → renovation costs

Decentralized residential ventilation

A decentralized ventilation system eliminates the problem of high humidity. Besides the time and effort involved, it may also be a money-saving solution compared to manual ventilation.

1. Ensures almost perfect air circulation
2. Filters impurities, pollen and fine dust from the air
3. Reduces the risk of mold
4. Sustainability through heat recovery (heating energy savings of approx. 25 to 50%**)

Sources: *baupraxis.de, **ikz.de

ebm-papst fans: **here's why.**

Efficient and quiet.
Thanks to an aerodynamically optimized design and highly efficient GreenTech EC technology, ebm-papst fans far exceed the minimum legal requirements for energy efficiency and are also extremely quiet. For the user, this means significantly lower current consumption compared to commercially available solutions while reducing fan noise.

Intelligent and future-proof.
GreenIntelligence is built into our fans, as they are already equipped with standard interfaces such as 0–10 V/PWM and MODBUS RTU as standard. This allows a wide range of intelligent control and monitoring functions to be implemented (see also page 22). On request, we can supply special fans from the factory with constant volume control and corresponding integrated sensors. This means that the air performance always remains constant in the face of changing external conditions. We are also tackling many of the issues that will be relevant in the future, such as wind force, with intelligent solutions today.

Reliable and precision-fit.
To ensure optimum operational reliability, our fans are subjected to rigorous testing. This includes shock, vibration and corrosion tests, a highly accelerated life test (HALT), a temperature change/rain test, and an EMC test. For applications with special environmental influences, such as bathroom ventilation, ebm-papst offers protected fans in various environmental classes. Depending on the installation situation, various solutions are also available for the location under the most strain: the warehouse. So you can be sure that our fans will do their job quietly and for a long time in every conceivable situation.

We will be happy to find the right solution for you, too.
Visit us at **www.ebmpapst.com/residential**
or simply drop us a line at **info1@de.ebmpapst.com**

Efficient solutions
for more comfort in the home.

Examples of ebm-papst product applications.

- 1a Rooftop heat recovery system
- 1b Central ventilation system with heat recovery
- 2a Whole house fan
- 2b Ventilation box
- 3 Home ventilation combined with heat pump
- 4 Air purifier

Want to find out more and see more application examples and products?
Then visit us online: **ebmpapst.com/residential**

- **5a** Decentralized ventilation unit with or without heat recovery
- **5b** Ventilation unit with heat recovery
- **6** Underfloor convector
- **7** Bathroom ventilation
- **8a** Soffit/facade ventilation
- **8b** Window sill ventilation with heat recovery
- **8c** Window fan

Discover exciting additional information

1. Install Xplore app
Start and select "Residential ventilation" module.

2. Scannen
Point camera at this page

Centralized residential ventilation.

A centralized ventilation system uses a central unit to exchange air throughout the building, with the air routed through a piping system into the various rooms. There are a number of ways of doing this, ranging from simple supply and exhaust air units to solutions with integrated heat recovery and combined with a heat pump. This solution can be easily linked to heating and domestic hot water treatment, making it a very efficient option when combined with our products.

1 Centralized residential ventilation with heat recovery

Rooftop heat recovery system:
Warm, "stale" exhaust air from the kitchens, toilets and bathrooms is routed over the roof to the open air through a central duct. A ventilation unit is connected to this exhaust air duct. The heat from the exhaust air is fed back to the supply air via a heat exchanger. Preferably installed on flat roofs, a rooftop solution doesn't consume any space in the building. However, it must meet more stringent requirements for weather resistance.

Benefits of our centrifugal fans at a glance:
– Resistant to environmental influences
– Maintenance-free and low-noise
– Infinitely variable for demand-based speed control
– Pressure tap for constant volume control available as an option
– Integration into our digital services (IoT ready)
– Compact design

Centralized ventilation system with heat recovery:
This solution is often installed in equipment rooms next to other equipment, usually in a basement or under the roof, and allows the ventilation system to be easily and efficiently integrated into the existing heating and domestic water treatment system. One centrifugal fan conveys the supply air and one conveys the exhaust air via a heat exchanger, which preheats the cold outside air using the warm, stale exhaust air. This means that the intake air is at a pleasant temperature when supplied to the rooms.

Benefits of our centrifugal fans at a glance:
– Low energy consumption
– Reliable and durable operation
– Operation with constant air flow
– Infinitely variable control via 0-10 V/PWM or MODBUS-RTU
– Integration into our digital services (IoT ready)
– Very quiet operation

2 Centralized residential ventilation

Whole house fan:
Ventilation fans distributed throughout a house or apartment ensure that the air is completely changed every 3–4 minutes. This creates a noticeably healthier living environment. At the same time, the ventilation system keeps temperatures comfortable throughout the living area and can reduce the cost of air conditioning systems by 50–90%.

Benefits of our axial fans at a glance:
- Plug & play – ready for installation with flexible mounting options
- High air flow rates
- Long service life and proven in many applications
- Aerodynamically optimized design for extremely quiet operation
- Simple control characteristics
- UL-certified fans

Ventilation box:
The ventilation box is used to ventilate and extract air from various rooms with requirements in terms of the lowest possible noise level. It is installed in the attic and the individual rooms are controlled by pipes. The fan's compact design also enables installation in restricted spaces such as in suspended ceilings.

Benefits of our compact centrifugal fans at a glance:
- High durability and reliability with low operating noise
- Control inputs (analog 0–10 V/PWM)
- Extremely energy efficient thanks to good control characteristics
- High air performance with compact design

3 Home ventilation combined with heat pump

Home ventilation combined with heat pump:
The air/water heat pump uses outside air to heat the inside of the building. Heat pumps are suitable for universal use. They can be installed both in gardens and in basements. In combination with a ventilation system, heating and ventilation are housed in a single device including heat recovery.

Benefits of our centrifugal fans at a glance:
- Greater air performance in the same installation space
- Impressively durable GreenTech EC technology
- Significantly improved energy efficiency
- Intelligent control and integration into our digital services (IoT ready)
- Very quiet

Air purifiers.

Air purifiers remove dust, pollen and spores from the indoor air. One fan draws the air from the room into the device, which purifies the air using various filters. A second fan returns the clean air to the room. This calls for particularly quiet fans that can be precisely controlled depending on the situation.

4 Air purifiers

Benefits of our centrifugal fans at a glance:

- Extremely quiet
- High power density
- Precise control characteristics over the entire speed range
- Low operating costs
- Robust design and maintenance-free operation
- Compact, space saving fan

Decentralized residential ventilation.

Decentralized ventilation systems provide healthy, low-energy air circulation. Installation is very simple and particularly interesting for existing buildings. Fans are installed in the building envelope to extract stale or moist air. For the fresh air supply, the fan operates in reverse mode or a second fan delivers fresh air from outside. Additional components such as heat recovery systems and air filters can also be used to reduce heating costs or improve air quality.

5 Decentralized single-room ventilation with or without heat recovery

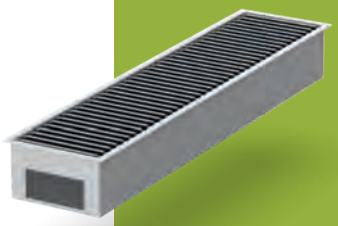
Decentralized ventilation unit with heat recovery:
These can be installed in specific rooms and controlled individually. An optimum flow of air is ensured by powerful compact fans of axial, centrifugal or diagonal design, for example reversible axial fans or particularly quiet-running centrifugal fans.

Benefits of our axial and centrifugal fans at a glance:
– Specially developed for push-pull application
– Almost the same air flow in both airflow directions, even with changing wind forces
– Pleasant acoustics
– Flow design and motor technology enable very low energy consumption

Ventilation unit with heat recovery:
Compact design, high heat exchange efficiency, high air performance. These are the special features of ventilation units with heat recovery. They are simply installed in the outside wall, so retrofitting is no problem either.

Benefits of our compact fans at a glance:
– Very quiet due to optimized aerodynamics and motor technology
– Greater air performance in the same installation space
– Impressively durable GreenTech EC technology
– Extremely energy efficient thanks to intelligent control (analog 0–10 V/PWM) for demand-based operation
– Integration into our digital services (IoT ready)

6 Underfloor devices with or without heat recovery



Underfloor convector:
This application is often used in large window areas, where installation in the facade is not a possibility, in order to avoid nuisance from cold air and to ensure optimal living comfort.

Benefits of our tangential blowers and centrifugal fans at a glance:
- Integrated electronics for power adjustment via PWM signal or 0–10 V analog voltage enables convenient control
- Low operating costs with long service life and robust design
- Low noise level especially when operating at reduced speed
- Easy installation
- Speed adjustment possible

7 Bathroom ventilation

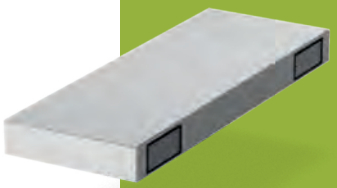
Sanitary and bathroom fans:
An exhaust air system is absolutely essential for wet rooms with no windows, such as bathrooms and toilets. Small room and sanitary fans are ideal for this purpose. They have to deliver high performance in the smallest of spaces, while being as quiet as possible and with moisture protection.

Benefits of our axial compact fans and centrifugal fans at a glance:
- PWM control input (optionally analog) for control options such as sensors for humidity detection
- Pipe fan with boost function
- Centrifugal blower with constant air flow
- Low vibration and extremely quiet
- Durable

8 Window, window sill, soffit and facade single-room ventilation with or without heat recovery

Soffit/facade ventilation:
Whether for a modern new building or a historic old building, the ventilation system can be discreetly integrated into the building envelope. The number of wall openings required is very low because up to four additional rooms can be supplied with fresh air using one ventilation device. For a fluid facade appearance, the ventilation openings can also be integrated into the window soffit.

Benefits of our axial compact fans at a glance:
– Compact design with low consumption
– Very quiet
– High product quality offers long service life
– Robust, mechanical design



Window sill ventilation with heat recovery:
A window sill ventilation system is a reliable way to remove unwanted condensation from vinyl windows, preventing mold growth. Air circulation can be improved in a simple and cost-effective way by installing simple additional ventilation grilles in the window sill without affecting the appearance of the facade. This measure is therefore particularly suitable for renovations.

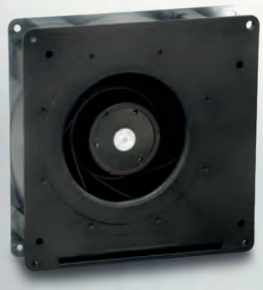
Benefits of our centrifugal fans at a glance:
– Compact design (space-saving) with low consumption
– Very quiet
– Products for applications with limited space
– Stability under pressure for reliable performance
– Operation with low power consumption even at high temperatures

Window fan:
The small ventilation system with heat recovery in the window frame provides a supply of fresh and warm air without having to open the window. Pairs of fans for supply and exhaust air are integrated into the window frame.

Benefits of our compact centrifugal fans at a glance:
– Environmentally protected design
– Low noise level
– Simple and fast installation
– Easy maintenance
– Low operating costs
– Very low noise level with uniform air exchange

Intelligent solutions
for every situation.

Centrifugal fans



RG centrifugal fan

Performance data
- Sizes: 60 to 172 mm
- Nominal voltage: 24 VDC (12, 48 VDC – optional)
- Air flow: up to 1,200 m³/h (710 cfm)
- Pressures: up to 900 Pa
- Power consumption: up to 160 W

Features
- Silent motor technology, optional
- Low-noise commutation, optional
- Output signals (tach/alarm), speed signal/tach output, alarm output
- Temperature sensors (external), optional
- Degree of protection IP 54 (humidity/salt spray), optional
- Humidity protection, optional
- Multi-option, PWM or analog control input

RER/REF centrifugal fan

Performance data
- Sizes: 104 to 225 mm
- Nominal voltage: 24 VDC (12, 48 VDC – optional)
- Air flow: up to 1,200 m³/h (710 cfm)
- Pressures: up to 1,200 Pa
- Power consumption: up to 160 W

Features
- Silent motor technology, optional
- Low-noise commutation, optional
- Output signals (tach/alarm), speed signal/tach output, alarm output
- Temperature sensors (external), optional
- Degree of protection IP 54 (humidity/salt spray), optional
- Humidity protection, optional
- Multi-option, PWM or analog control input

RL/RLF DC centrifugal fan

Performance data
- Sizes: 51 x 15 to 127 x 25 mm
- Nominal voltage: 12, 24 VDC
- Air flow: up to 80 m³/h (47 cfm)
- Pressures: up to 650 Pa
- Power consumption: up to 19.2 W

Features
- Basic geometrical adaptation of centrifugal fan to the available space

Centrifugal fans
backward-curved

RadiCal, RadiCal DC

Performance data
- Sizes: 133 to 630 mm
- Nominal voltage:
  AC: 1~ 230 VAC, 3~400 VAC
  EC: 1~200–240 VAC, 1~200–277 VAC,
  3~380–480 VAC as well as 12, 24 or 48 VDC
- Air flow: up to 17,000 m³/h (10,000 cfm)
- Pressures: 1,400 Pa
- Power consumption: up to 3.7 kW

Features
- EC fans and other versions (AC, DC)
- Free-running impeller or pre-assembled, ready-to-install unit with integrated inlet ring
- 2 speeds and infinitely variable control via 0–10 V/PWM or MODBUS-RTU
- Tach or alarm relay for monitoring the fan
- IoT ready

RadiPac

Performance data
- Sizes: 250 to 1,000 mm
- Nominal voltage: 1~200–277 VAC, 3~380–480 VAC
- Air flow: up to 47,000 m³/h (27,700 cfm)
- Pressures: up to 2,700 Pa
- Power consumption: up to 11,450 W

Features
- 3D impeller made of composite material
- Hollow-profiled high performance aluminum impeller
- Versions with enhanced corrosion protection
- As support bracket or cube shape
- Configurable control interface
- MODBUS-RTU
- IoT ready
- Control signal 0–10 VDC

Centrifugal fans *forward-curved*

RET Centrifugal fans with forward-curved blades

Performance data
- Sizes: 85 to 108 mm
- Nominal voltage: 20–28 V, 36–60 V
- Air flow: up to 180 m³/h (106 cfm)
- Pressures: up to 170 Pa
- Power consumption: up to 36 W

Features
- 3-phase silent motor technology
- Low-noise commutation thanks to special commutation electronics
- Degree of protection IP 54 (optional)
- Output signals (tach/alarm)
- Temperature sensors (external)
- Control inputs (PWM/analog)

Blowers

Single-inlet blower

Performance data
- Sizes: 85 to 180 mm
- Nominal voltage: 1~200–240 VAC
- Air flow: up to 800 m³/h (470 cfm)
- Pressures: up to 600 Pa
- Power consumption: up to 170 W

Features
- Metal or plastic impeller
- With and without scroll housing, scroll housing made of die-cast aluminum or sheet steel
- Tach for monitoring the fan
- Versions with sensor-free volume constancy

Dual-inlet blower

Performance data
- Sizes: 97 to 250 mm
- Nominal voltage: AC: 1~230 VAC, 3~400 VAC; EC: 1~200–240 VAC, 3~380–480 VAC
- Air flow: up to 5,500 m³/h (3,200 cfm)
- Pressures: up to 1,500 Pa
- Power consumption: up to 1,810 W

Features
- Single, twin and triple fans
- Infinitely variable control via 0–10 V/PWM or MODBUS-RTU
- Tach or alarm relay for monitoring the fan
- IoT ready

RadiCal in scroll housing

Performance data
- Sizes: 133, 160, 190, 225 mm
- Nominal voltage: 1~200–240 VAC, 1~230 VAC
- Air flow: up to 850 m³/h (500 cfm)
- Pressures: 1,400 Pa
- Power consumption: 85, 115 and 170 W

Features
- The established RadiCal range has gained a remarkable new addition: the RadiCal in scroll housing. Three exceptionally energy-efficient GreenTech EC motors with 85, 115 and 170 W are available.
- Versions with integrated volume constancy
- IoT ready

Axial compact fans

Axial compact fans

Performance data
- Sizes: 40 to 225 mm
- Nominal voltage: 12, 24, 48 VDC
- Air flow: up to 1,200 m³/h (710 cfm)
- Pressures: up to 1,450 Pa
- Power consumption: 0.3 to 500 W

Features
- Output signals (tach/alarm)
- Temperature sensors (external/internal)
- Control inputs (PWM/analog)
- Moisture protection (optional)
- Degree of protection up to IP68 (salt spray optional)

AxiRev 126

Performance data
- Sizes: Ø 126 mm/26 mm
- Nominal voltage: 10.8–13.2 VDC
- Air flow: up to 135 m³/h (79 cfm)
- Pressures: up to 102 Pa
- Power consumption: 2.5 W

Features
- Optimized for reverse operation, for efficient push-pull applications
- Patented blade design
- Designed for stability under pressure
- Moisture protection
- 3-phase silent motor technology
- New symmetrical impeller design
- New guide blade design
- PWM speed control (optional: analog)

Axial fans

AxiEco Perform

Performance data
- Sizes: 300 to 500 mm
- Nominal voltage: AC: 1~230 VAC, 3~400 VAC; EC: 1~200–240 VAC, 1~200–277 VAC, 3~380–480 VAC
- Air flow: up to 12,000 m³/h (7,100 cfm)
- Pressures: up to 500 Pa
- Power consumption: up to 1,930 W

Features
- Each size is available in both EC and AC technology
- Still in the optimum efficiency range at higher back pressures
- IoT ready

HyBlade

Performance data
- Sizes: 500 to 1,250 mm
- Nominal voltage: 1~200–240 VAC, 1~200–277 VAC, 3~380–480 VAC
- Air flow: up to 60,000 m³/h (35,300 cfm)
- Pressures: up to 320 Pa
- Power consumption: up to 6,000 W

Features
- Variants with guard grill for short nozzle, round full nozzle or basket guard grill
- Versions with increased corrosion protection
- Infinitely variable control via 0–10 V/PWM or MODBUS-RTU
- Tach or alarm relay for monitoring the fan
- IoT ready

Sanitary and wet room **fans**

Duct fan

Performance data
- Sizes: 98.5 x 130 mm
- Nominal voltage: 100–240 VAC
- Air flow: up to 135 m³/h (79 cfm)
- Pressures: up to 100 Pa
- Power consumption: 1.8 to 7.0 W

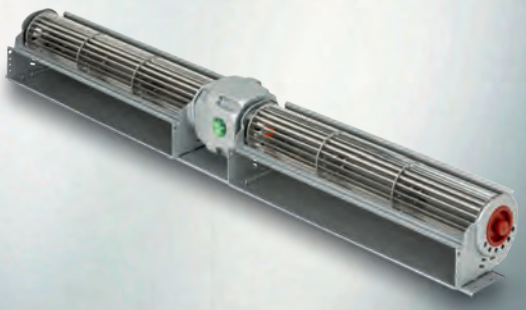
Features
- Output signal (tach)
- Control inputs (PWM/analog)
- Degrees of protection IP 44/IP 45 (humidity/salt spray) possible, depending on installation situation
- More pressure-resistant design optional

G3G 133 blower for bathrooms

Performance data
- Sizes: 133 mm
- Nominal voltage: 1~100–240 VAC
- Air flow: up to 100 m³/h (59 cfm)
- Pressures: up to 350 Pa
- Power consumption: up to 20 W

Features
- Tested, fully assembled unit comprising the motor, fan impeller, scroll housing, electronics cover, and commutation electronics
- UART interface for connecting external electronics or sensors
- DIP switches for changing the basic functions
- Integrated volume constancy
- IoT ready

Tangential blowers



Tangential blower

Performance data
- Sizes: 30 to 100 mm
- Nominal voltage: 8–14 V, 16–28 V
- Air flow: up to 1,250 m³/h (735 cfm)
- Pressures: 8 to 85 Pa
- Power consumption: 5 to 72 W

Features
- Energy-saving EC design with speed control available
- Also available as twin fan and cascaded

Accessories

FlowGrid

for axial fans (HyBlade) from size 200 to 910 and centrifugal fans (RadiCal, RadiPac) from size 175 to 900

Features
- Available in two versions for axial and centrifugal fans
- Product expansion for HyBlade, RadiPac and RadiCal

Constant-volume control

Features
- Pressure tap in inlet ring
- 4 measuring points with piezometer or as an all-in-one solution for RadiCal in scroll housing using a vane anemometer

ebm-papst Digital Services: *digital solutions for better air quality.*

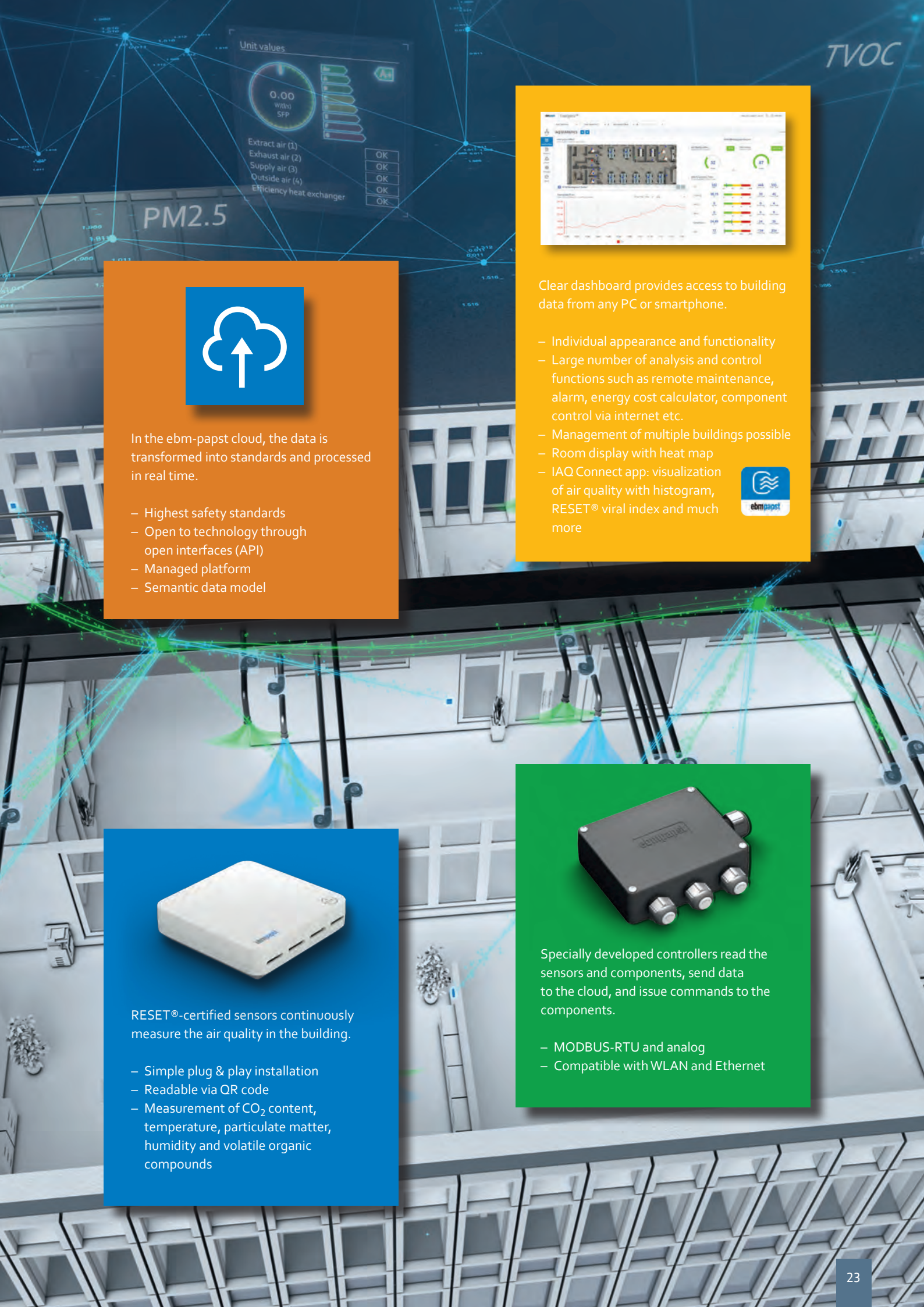
Indoor air quality (IAQ) is an increasingly important issue in commercial and private residential buildings. Digitalization and cloud applications help visualize IAQ. The data collected in the process forms the basis for highly automated control of all components. The aim is to ensure good air quality in a way that is both adaptive and energy efficient.

Together with our subsidiary ebm-papst neo and our partner RESET, we supply all the components needed for this – from smart and soft sensors to a cloud-based Building Connect platform and intelligent fan. Our experts will be happy to develop an individual solution for you.

RESET™ is the world's first indoor air quality standard based on real-time data. Find out more here: https://reset.build/

Fresh air for Europe's first climate-neutral urban district.

urbanharbor in Ludwigsburg is set to become Europe's first climate-neutral urban district. Fresh air is efficiently supplied by an innovative semi-centralized ventilation system – with fans from ebm-papst and a digital cloud solution from ebm-papst neo.



Clear dashboard provides access to building data from any PC or smartphone.

- Individual appearance and functionality
- Large number of analysis and control functions such as remote maintenance, alarm, energy cost calculator, component control via internet etc.
- Management of multiple buildings possible
- Room display with heat map
- IAQ Connect app: visualization of air quality with histogram, RESET® viral index and much more

In the ebm-papst cloud, the data is transformed into standards and processed in real time.

- Highest safety standards
- Open to technology through open interfaces (API)
- Managed platform
- Semantic data model

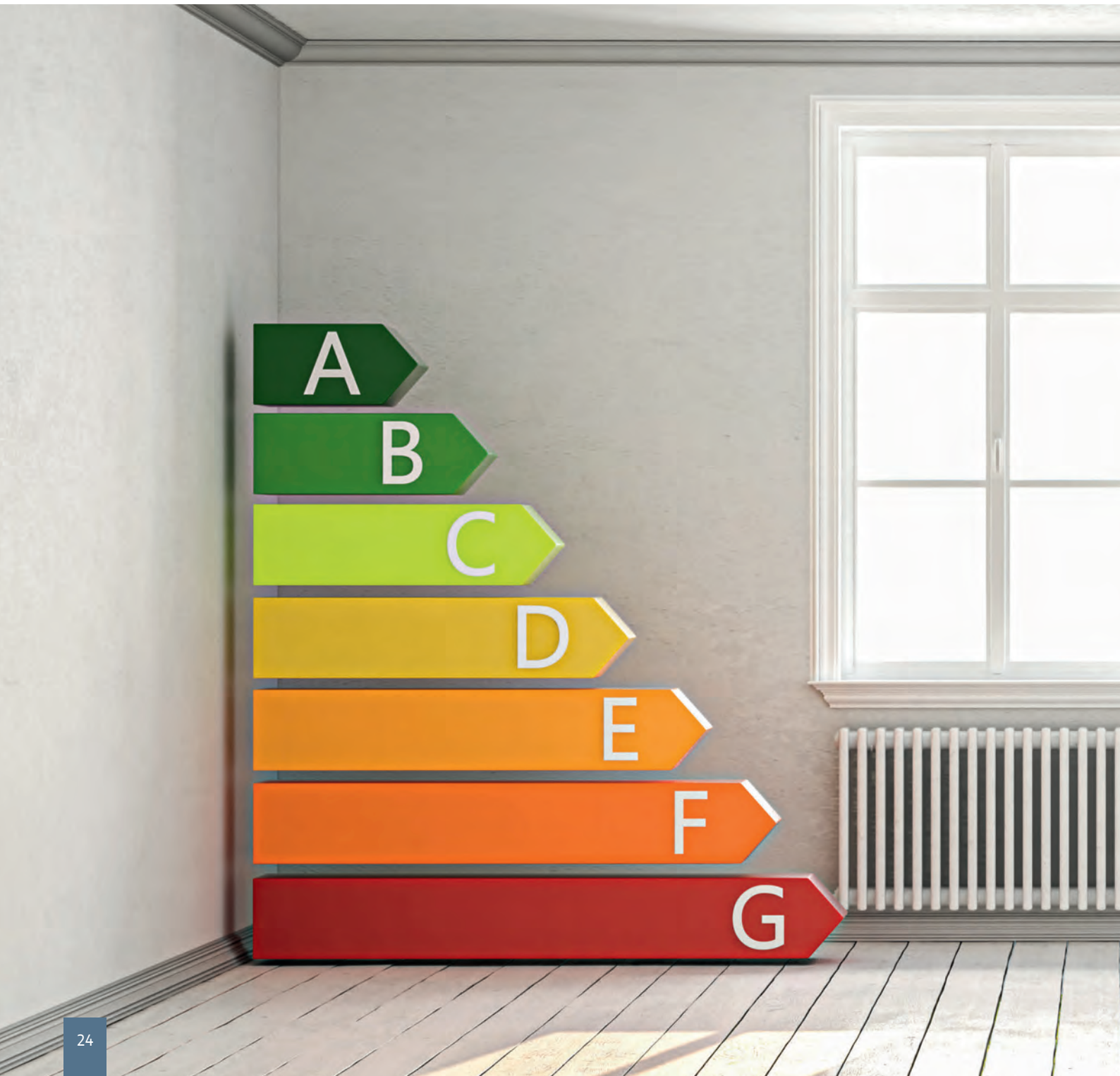
RESET®-certified sensors continuously measure the air quality in the building.

- Simple plug & play installation
- Readable via QR code
- Measurement of CO_2 content, temperature, particulate matter, humidity and volatile organic compounds

Specially developed controllers read the sensors and components, send data to the cloud, and issue commands to the components.

- MODBUS-RTU and analog
- Compatible with WLAN and Ethernet

Open and shut **is in the past.**



The statutory requirements for reducing the air permeability of buildings are becoming increasingly stringent – especially for new buildings. But even with renovated residential buildings, it is important that their building envelope is airtight. Manual ventilation is often then no longer sufficient to ensure the necessary minimum air exchange. The use of ventilation systems is therefore the better choice – for health and to prevent expensive secondary damage.

For more information on subsidy programs, see:
www.ebmpapst.com/residential

GreenIntelligence.
Making Engineers Happy.

Why do our customers look so happy? Because when it comes to digitalization and sustainability, we provide them with a clear competitive edge with GreenIntelligence. The intelligent control and networking of fans and drives makes applications more powerful and efficient. Together with a long product life and highly efficient EC technology, we achieve lasting reductions in energy costs and emissions.

Residential ventilation units need above all to be reliable, economical and tailored to requirements. GreenIntelligence provides you with efficient fan solutions featuring intelligent networking capabilities and extensive analysis and control functions, and with digital services for simple, error-free planning.

This is how much GreenIntelligence there is *in our residential ventilation solutions:*

+ Monitoring of air humidity, motor and ambient temperature
+ Precise adjustment of air flow and operating point as well as constant air performance, even with increasing filter contamination
+ Control and monitoring via MODBUS-RTU and/or PWM/analog (0–10 V)
+ Fan as a sensor
+ Automatic status monitoring and resonance analysis
+ Warning and possible shutdown in the event of continuous imbalance
+ Connection to Smart Home or building management system

ebm-papst. Engineering a better life.

Who we are.

With over 20,000 different products, ebm-papst offers the right solution for just about any challenge. As the logical next stage in the development of our highly-efficient GreenTech EC technology, we believe that industrial digitization offers the greatest future prospects for our customers. With GreenIntelligence, we already represent intelligently interconnected complete solutions that are unrivaled worldwide.

Because we are always committed to making each of our innovative hardware and software solutions more powerful, compact, efficient and sustainable than its predecessor, we have evolved over the years into the global technology leader for ventilation and drive technology.

What drives us.

But our consistent pursuit of efficiency and progress has even deeper roots. After all, there is something that excites us even more than our market position. It is the deep awareness that, with our solutions, like the **AxiEco 200**, we are making the lives of many people around the globe more pleasant, safer and thus better. Therefore, the central driving force in all our thoughts and actions is **Engineering a better life**. It is the reason why it is worthwhile for us to get up every day and do our best.

More about this under **ebmpapst.com/betterlife**

ebmpapst

engineering a better life

What you get out of it.

1. **Technological edge.**
With our EC technology and GreenIntelligence, we combine the highest energy efficiency with the advantages of IoT and digital networking.

2. **Our sustainable approach.**
We take our responsibility seriously with energy-saving products, environmentally-friendly processes and through social engagement.

3. **System expertise.**
As experts in advanced motor technology, electronics and aerodynamics, we provide perfect system solutions from a single source.

4. **The ebm-papst spirit of invention.**
Over 800 engineers and technicians will develop a solution that precisely fits your needs.

5. **Personal proximity to you.**
Thanks to numerous sales locations worldwide.

6. **Our standard of quality.**
Our quality management is uncompromising, at every step and in every process.

Olivia develops ventilation systems that react intelligently to environmental influences and reduce maintenance costs.

GreenIntelligence helps us turn our commitment to *Engineering a better life* into reality.

What exactly does this mean? Watch the video now:

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