The performance *extender*.

Level up your airflow with the ebm-papst streamer for large axial fans.

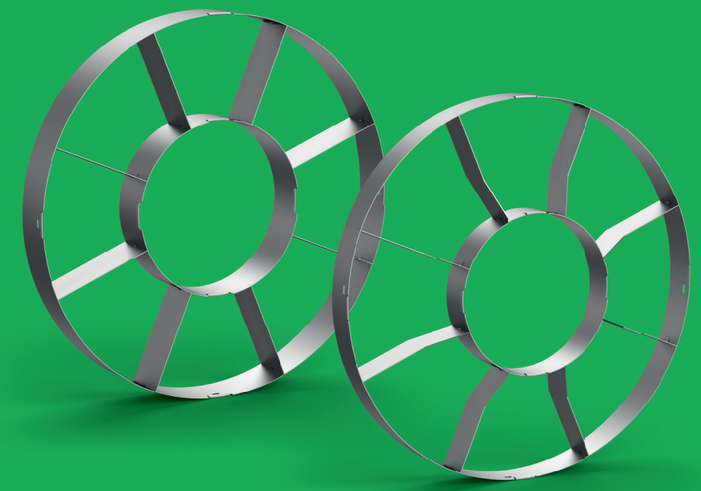
ebmpapst

engineering a better life

Extended airflow for demanding environments

The ebm-papst Streamer is an aerodynamic accessory for large axial fans, designed to increase the throw distance of axial fans without raising energy consumption. By guiding the airflow into a more focused stream, it improves the air throw of each fan – supporting predictable, directional airflow in critical settings. Easy to install and fully compatible with ebm-papst systems, the Streamer helps ensure measurable airflow performance in large industrial environments where control, reliability, and maximum performance matter most.

- suitable for extreme surroundings including ice-building environments and humid conditions
- aluminium guard in two different designs – customisable in colour
- easy to install with fastening solutions for two different guard designs
- compatible with AxiBlade, AxiBlade.Perform, HyBlade and the new range of EC axial fans with metal blades (in sizes >500 mm)



Performance where it matters most

Wherever consistent, far-reaching airflow is essential — the ebm-papst Streamer delivers. From cold storage warehouses and evaporators to dry coolers and outdoor condensers, the Streamer adds precision and range to axial fan systems.

Its aerodynamic vane geometry ensures increased throw distance and directional stability, improving air distribution even in large-volume or compartmentalized spaces. That means: fresher air where it's needed, reliable cooling across the full coverage area, and better preservation of temperature-sensitive goods.

The corrosion-resistant aluminium body and robust design make the Streamer ideal for harsh environments — including high humidity and sub-zero conditions. With two geometry variants and seamless technical compatibility across ebm-papst axial fans from 560 to 950 mm, it integrates easily into new and retrofit setups alike.

AxiBlade

AxiBlade series sets the standard for energy-efficient, low-noise axial fans. Available in sizes 630 to 910 mm with AC or EC technology, the modular range covers air flows up to 40,000 m³/h and pressure ranges up to 450 Pa. Whether in evaporators, condensers, heat pumps or FanGrid systems – AxiBlade combines flexibility with performance across ventilation, air conditioning and refrigeration.

HyBlade

HyBlade axial fans feature hybrid blades with an aluminum core and a glass-fiber-reinforced plastic shell — combining strength, lightweight design and aerodynamic efficiency. With diameters up to 1,250 mm and high resistance to moisture, cold and corrosion, they are built for demanding outdoor applications in refrigeration, ventilation and industrial cooling.

Axial Fans with metal blades

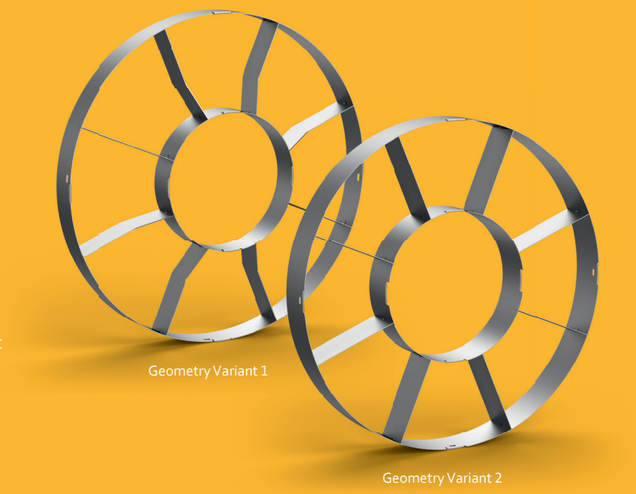
These ebm-papst fans with robust metal blades and a compact EC motor are designed especially for refrigeration applications and evaporators. With a diameter from 450 to 800 mm, they offer reliable performance and precise airflow control even in confined spaces or under fluctuating thermal loads. Their sturdy construction makes them a durable choice for consistently high demands.

Streamers for Axial Fans

Ø 500-910 mm

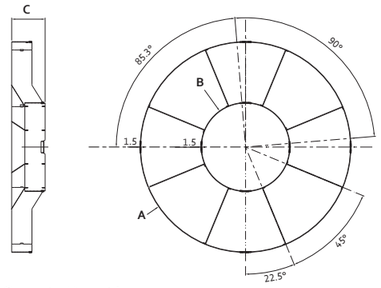
Farther reach, better direction, greater effect: When combined with axial fans, the ebm-papst Streamer narrows and stabilizes the air stream — transforming strong ventilation into precise, high-performing systems.

By streamlining the airflow, it increases throw distance and directional control — a decisive advantage in demanding industrial environments where a more targeted airflow plays an important role in ensuring product quality, waste reduction and food safety. Importantly, mounting the Streamer as aerodynamic enhancement does not reduce the air performance of the fans.
On the contrary: It improves reach without compromise.

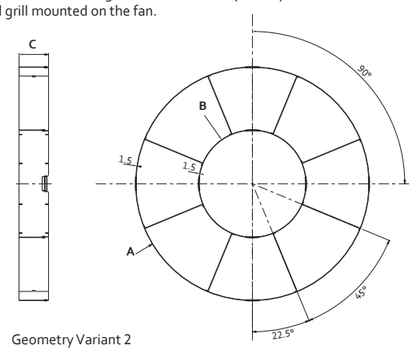


	Geometry Variant 1					Geometry Variant 2				
Fan Series	part number*	ØA	ØB	ØC	Motor Size	part number*	ØA	ØB	ØC	Motor Size
HyBlade 560						106FR0050	568	368	102	BG112
						106FR0051	545	320	102	BG110, BG112
HyBlade 630						106FR0060	645	400	100	BG084, BG112, BG138
						106FR0061	645	408	100	BG084, BG110, BG112, BG150
	106FR0062	645	380	133	BG150					
AxiBlade 630	106FR0063	728	307	116	BG084, BG112					
	106FR0064	747	390	93	BG150					
	106FR0065	728	307	97	BG110					
HyBlade 710						106FR0070	708	375	70	BG110, BG112, BG150
						106FR0071	728	366	90	BG110, BG138
HyBlade 800						106FR0080	808	412	102	BG138, BG150
	106FR0081	800	412	113	BG150					
						106FR0082	808	412	102	BG138
	106FR0083	795	412	135	BG112					
AxiBlade 800						106FR0084	875	512	106	BG112, BG138, BG150
HyBlade 910						106FR0090	923	972	102	BG150
	106FR0091	923	372	145	BG112					
	106FR0092	960	372	125	BG112, BG135, BG150					
						106FR0093	960	372	106	BG150

Subject to technical changes. Other diameters and brands on request.
Product part numbers may not be valid in all regions and should be additionally verified with the sales team. Mounting kit to be ordered separately with P/N 106HZ0011.
The P/N and the geometry of the streamer needs to be checked in advance, depending on the guard grill mounted on the fan.



Geometry Variant 1

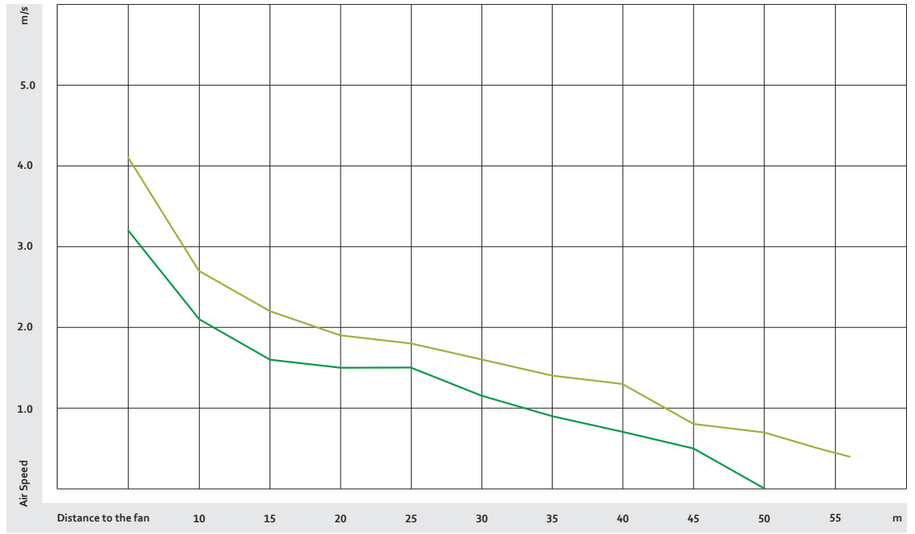


Geometry Variant 2

Airthrow *Comparison*

AxiBlade & HyBlade

The ebm-papst Streamer significantly improves airflow reach and direction. Comparative tests with sizes 500 to 900 – conducted in our in-house test center under application-specific conditions demonstrate a clear gain in throw distance and airspeed stability.
The results show a substantial increase in air velocity at all distances, confirming the Streamer's ability to create a more concentrated airstream that reaches further and stays more consistent.
The performance curve flattens, turbulence is reduced, and airflow remains more stable over longer distances—without raising energy consumption or increasing system complexity. The result: more efficient, precise ventilation in cold storage or other large-volume environments where targeted airflow makes a measurable difference.

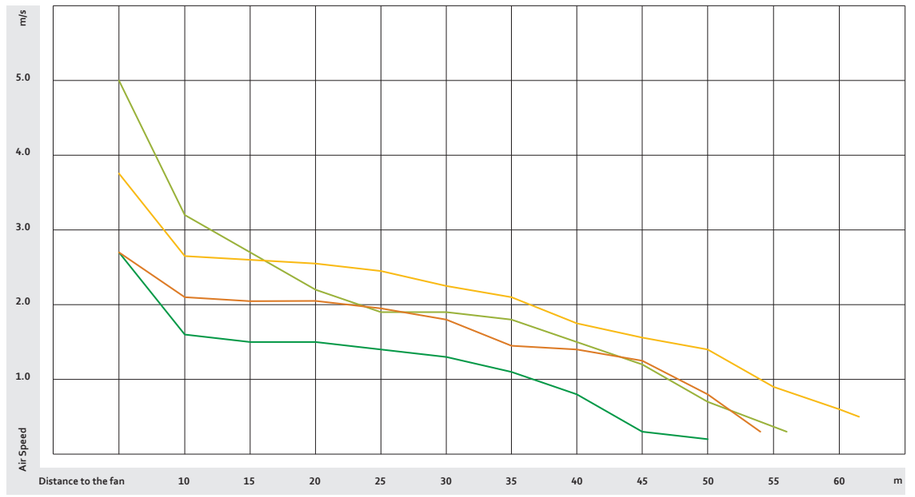


HyBlade 560

A3G560BB7821
+ guard grill 106FG0929
+ wall ring 106FB1620

without streamer
with streamer 106FU0551

230VAC/50Hz 1230rpm · Example results based on tests with ebm-papst Italy products – may vary depending on fan, guard grill and wall ring



HyBlade 630

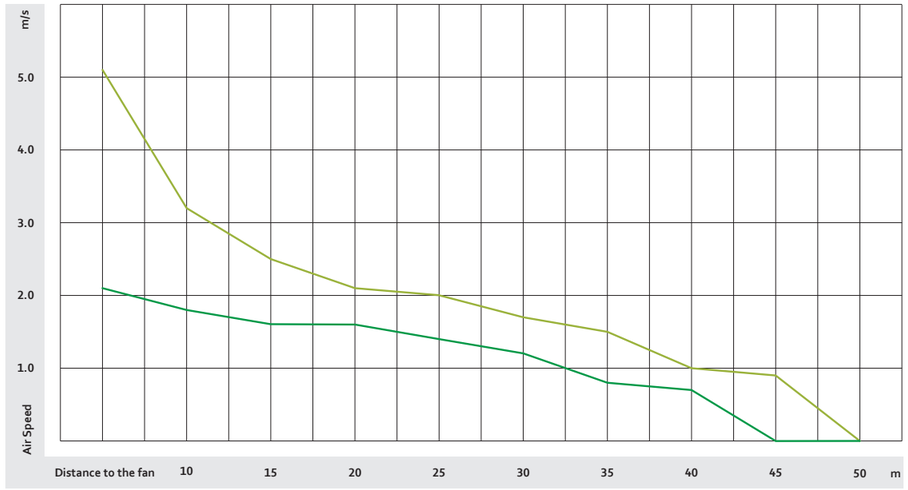
Motor BG112
A3G630BG9701
+ guard grill 106FG0925
+ wall ring 106FB0369

without streamer
with streamer 106FU0522

Motor BG150
A3G630AU3109
+ guard grill 106FG0492
+ wall ring 106FB0369

without streamer
with streamer 106FU0554

400VAC/50Hz 1160rpm/1580rpm · Example results based on tests with ebm-papst Italy products – may vary depending on fan, guard grill and wall ring

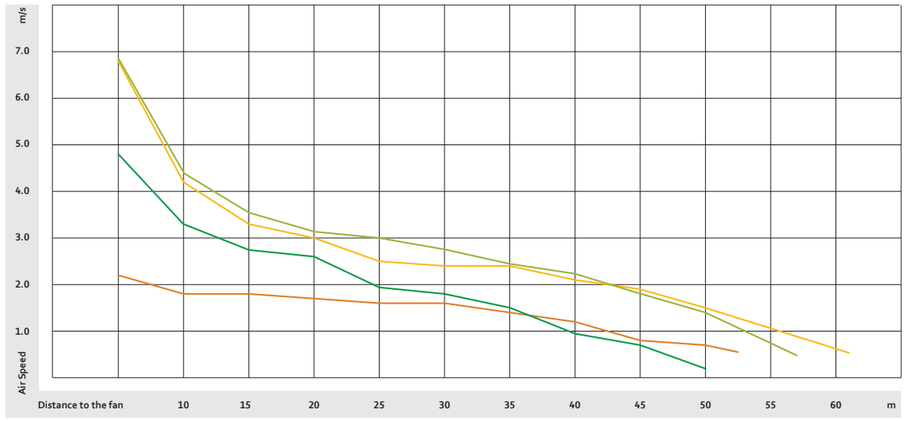


AxiBlade 630

W3G630NR6301

without streamer
with streamer 106FU0560

400VAC/50Hz 1260rpm · Example results based on tests with ebm-papst Italy products – may vary depending on fan, guard grill and wall ring



HyBlade 800

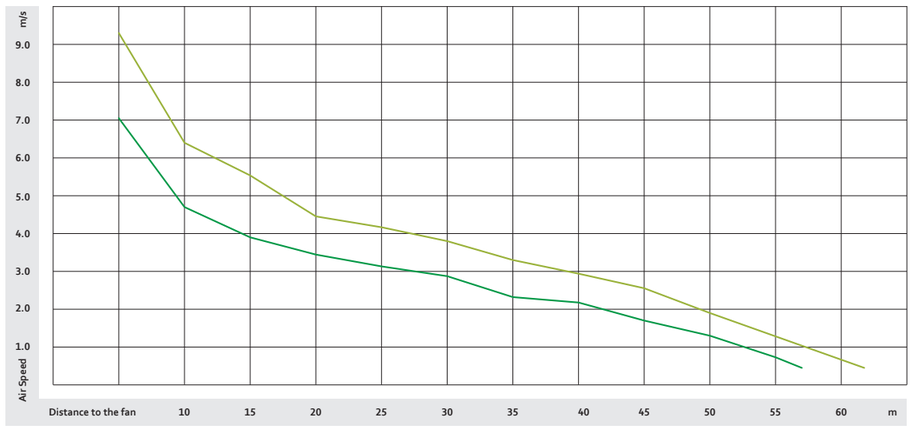
A3G800AS2609
+ guard grill 106FG0570
+ wall ring 106FB1958

without streamer
with streamer 106FU0526

106AA0045
+ guard grill 106FG0780
+ wall ring 106FB0541

without streamer
with streamer 106FU0549

400VAC/50Hz 1000rpm · Example results based on tests with ebm-papst Italy products – may vary depending on fan, guard grill and wall ring



HyBlade 910

A3G910AU2709
+ guard grill 106FG0587
+ wall ring 106FB2056

without streamer
with streamer 106FU0540

400VAC/50Hz 1000rpm · Example results based on tests with ebm-papst Italy products – may vary depending on fan, guard grill and wall ring

Ready for 2026?

Intelligent airflow and energy-efficient design makes our streamer solutions the ideal choice for ERP 2026 and beyond.

Who is responsible for the EC conformity declaration?

Case 1: ebm-papst fan as a complete system
ebm-papst supplies the complete fan with stator, rotor, and motor. ebm-papst has determined on suitable test benches that the overall efficiency meets the requirements of the Ecodesign Regulation. ebm-papst declares conformity and affixes the CE mark to the product.

ebm-papst — CE — ebm-papst

Case 2: ebm-papst supplies incomplete fan
ebm-papst supplies all relevant components (stator, rotor, and motor). The purchaser completes the fan according to ebm-papst specifications or ebm-papst supplies only the motor and rotor and the purchaser manufactures the stator himself according to the ebm-papst drawing. The purchaser can apply the performance data determined by ebm-papst to the assembled fan system. However, the purchaser must declare EC conformity themselves.


ebm-papst — ebm-papst design — CE — Buyer

Case 3: ebm-papst supplies incomplete fan
ebm-papst supplies the rotor and motor components. The buyers complete the fan with dimensionally deviating components (stator) and thus legally become the fan manufacturers and must declare EC conformity themselves and are responsible for compliance with the Ecodesign Regulation.


ebm-papst — Buyer design — CE — Buyer

Case 4: Buyers import fan from non-EU countries
The buyers purchase a complete fan from a non-EU country. They can use the documentation supplied to declare EC conformity, but are fully responsible for the correctness of the documentation.

External fan — CE — Buyer

Buyer carefree factor →

Innovative ventilation
for every application

ebm-papst is the world market leader in ventilation technology. With a strong commitment to sustainability, technical excellence, and customer value, we develop intelligent solutions that make air technology more efficient, reliable, and future-ready. Our products set standards in energy efficiency and quality — built to perform in demanding environments and engineered with the precision our partners rely on.

Our extensive portfolio of high-performing ebm-papst axial fans is trusted wherever cooling performance matters — in evaporators, cold storage, dry coolers, outdoor condensers, and more.

These applications demand not only strong airflow, but also compact installation depth, resistance to fluctuating temperatures, and long-term durability. In many cases, highly targeted airflow over extended distances is essential to safeguard system efficiency and product quality.

This is exactly the point where the streamer provides a significant advantage. As a mechanical enhancement, it extends air throw and sharpens airflow direction — without adding complexity to the system. The result: smarter ventilation control, more effective cooling, and optimized performance, even in large or retrofitted setups.

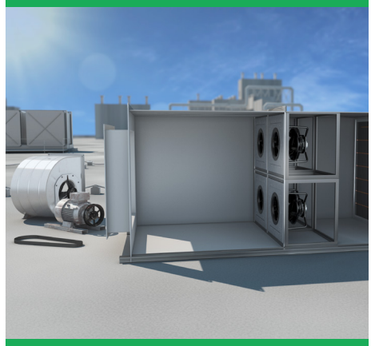
Supermarket

Cooling plays a vital role across the entire supermarket environment — from refrigerated cabinets and cold rooms to air conditioning and building ventilation.
Reliable temperature control is crucial to preserving product quality, preventing spoilage, and ensuring compliance with food safety regulations. At the same time, quiet and efficient ventilation contributes to a pleasant shopping atmosphere and keeps operating costs in check. ebm-papst axial fans support these requirements with durable, energy-saving performance tailored to continuous operation in retail environments.

Unit Coolers

Unit coolers play a central role in controlled refrigeration environments — especially in cold rooms, logistics hubs, and food processing areas.
They ensure uniform, stable temperatures by combining high air throw with rapid air exchange, even under fluctuating load conditions. Unlike standard evaporator applications, unit coolers often require compact, quiet-running, and service-friendly solutions that can operate reliably in sub-zero and humid environments. ebm-papst axial fans contribute to this performance with robust construction, low energy consumption, and optimized airflow — enabling reliable cooling where hygiene, efficiency, and durability are equally critical.

Retrofitting

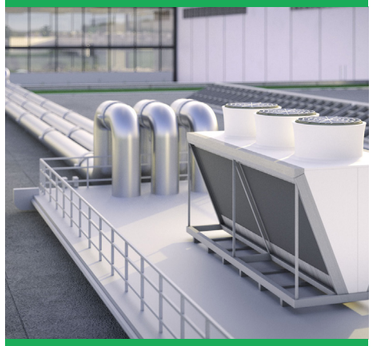


Upgrading existing systems with modern fan technology is one of the most efficient ways to increase performance while extending the service life of installed equipment.
With targeted retrofitting, operators benefit from improved temperature control, quieter operation, and significant energy savings — without the need for complete system replacements. ebm-papst offers retrofit solutions that are easy to integrate, adaptable to different installation conditions, and tailored for applications ranging from refrigeration units to large evaporators and condensers. The result: more efficient cooling, better system reliability, and long-term reductions in operating costs.

Evaporators

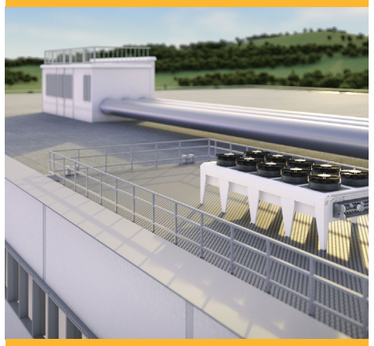
In commercial and industrial refrigeration, evaporators are key to achieving precise temperature control and consistent cooling performance.
They ensure that cold air is reliably and efficiently distributed – even in large-scale or highly dynamic environments. ebm-papst axial fans are engineered to support this process: with optimized airflow, pressure stability and robust design, they enable evaporator systems to operate with maximum efficiency. Their compact construction allows for flexible integration, while easy installation and maintenance ensure long-term reliability — even in demanding conditions such as cold storage warehouses or food processing environments.

Dry Coolers



Dry coolers are essential wherever large amounts of heat need to be dissipated reliably – in industrial refrigeration, power electronics or data centers.
They enable efficient, closed-loop cooling without water consumption, making them particularly suitable for use in regions with limited water availability or strict environmental regulations. To ensure continuous and stable system performance, even under fluctuating outdoor conditions, fans must deliver consistent airflow and withstand demanding thermal loads. ebm-papst axial fans meet these requirements with robust materials, precise airflow control and high efficiency – contributing to improved system reliability and reduced operating costs.

Outdoor Condensers



Outdoor condensers are exposed to changing weather conditions and high thermal loads — whether installed on supermarket rooftops or next to industrial cold rooms.
ebm-papst axial fans are designed to withstand these demands while operating quietly and efficiently. When combined with the Streamer, the system benefits from extended air throw and optimized airflow direction, helping to stabilize system temperatures, reduce energy consumption, and support long-term reliability in decentralized cooling installations. This ensures consistent performance even under peak load conditions — and contributes to dependable, energy-conscious refrigeration.

ebmpapst

engineering a better life

What *Engineering a better life* **means to us.**

Who we are.

We lead air technology into the next generation: with innovative hardware and software solutions that are always more powerful, compact, efficient and sustainable than their predecessors. Over the years, this has made us the world's leading manufacturer for fans and drives and helps reduce the carbon footprint in our customers' applications.

Digitalization and the associated networking of intelligent components and systems play a central role for us. In this way, we create a holistic link between sustainability and digitalization and enable the responsible use of resources through intelligent solutions of the highest efficiency.

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, such as Streamers, 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 at **ebmpapst.com/aboutus**

What you get out of it.

1. **Technological edge.**
With our EC technology, 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.**
With numerous sales locations worldwide, we create a glocal presence that ensures fast response times. We always consider the complete process and put the customer at the center.

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

Would you like more information?
No problem:

If you have any questions, please contact

Sales Manager
commerciale@it.ebmpapst.com

Technical Manager
tecnico@it.ebmpapst.com

ebmpapst.com

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engineering a better life

ebm-papst Mulfingen GmbH & Co. KGaA & Co. KG

Bachmühle 2
74673 Mulfingen
Germany
Phone +49 7938 81-0
Fax +49 7938 81-110
info1@de.ebmpapst.com