

Your partner for *ventilation and drive engineering* in the Middle East.

Company profile

ebmpapst

the engineer's choice



About ebmpapst.

ebmpapst is a leader in ventilation and drive engineering technology and a much sought-after engineering partner in many industries. With around 20,000 different products, we have the perfect solution for practically every requirement. We believe the consistent further development of our highly-efficient GreenTech EC technology provides our customers with the best opportunities for the future in industrial digitization. With GreenIntelligence, ebmpapst already offers intelligent networked complete solutions that are unique anywhere in the world today.

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Six reasons that make us the ideal partner:

Our systems expertise: as experts in advanced motor technology, electronics and aerodynamics, we provide system solutions from a single source.

Our spirit of invention: our 600 engineers and technicians will develop a solution that precisely fits your needs.

Our lead in technology: with our EC technology and GreenIntelligence, we combine the highest energy efficiency with the advantages of IoT and digital networking.

Closeness to our customers: at 48 sales offices worldwide.

Our standard of quality: our quality management is uncompromising, at every step in every process.

Our sustainable approach: we assume responsibility with our energy-saving products, environmentally-friendly processes, and social commitment.

Middle East

Since 2006 ebmpapst has a subsidiary in Dubai / UAE to offer technical support and commercial solutions to its customers in the entire Middle East area including U.A.E, Bahrain, Egypt, Iraq, Jordan, Kuwait, Lebanon, Oman, Pakistan, Qatar, Saudi-Arabia and Syria.

ebmpapst Middle East's team of sales engineers, supported by the massive Research and Development facilities of our parent companies, can advise you on the most effective use of our products. Whether it is in the advantageous application of our fans in your existing equipment, or in developing new air movement and control solutions, we can help you.

With our 525 m² warehouse located in Jebel Ali Free zone we have multiple options to serve you with immediate or short-term supply of fans, blowers and motors.

Please contact us for more information about our products, services or any other support.



The story of our success as market and technology leader.

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1963	Establishment of Elektrobau Mulfingen GmbH & Co. KG by Gerhard Sturm and Heinz Ziehl.	
	Development of the first tubeaxial fan featuring EC/DC technology .	1965
	The new 68 motor gives momentum to the ebm-papst success story.	1966
	Production of the first electronically commutated DC external rotor motor.	1972
	Introduction of the first gas blower with EC technology .	1991
1992	Takeover of PAPST Motoren GmbH in St. Georgen.	
1997	The Alcatel SEL AG motor and fan plant in Landshut becomes part of the Group.	
	Development of the first fans with integrated electronics .	1998
2003	Re-naming of the three brands ebm, PAPST and mvl to become ebm-papst.	
	Development of business into system supplier for gas heating and condensing technology.	2008
	Introduction of GreenTech , the symbol of energy efficiency and resource preservation.	2010
	RadiCal defines a new standard for EC centrifugal fans.	2011
2013	50 years of ebm-papst . ebm-papst takes over the transmission specialist Zeitlauf.	
	Development of the S-Panther® with high air volume and low noise level.	2014
	RadiPac pushes the efficiency limits even higher.	2015
	AxiBlade sets new standards in ventilation, refrigeration and air conditioning technology.	2016
	Introduction of the RadiMix® with maximum air delivery and minimum space requirements.	2018
2018	A record turnover of more than 2.0 billion euros for the worldwide Group.	
	ECI-42 - a modular system for individual drive solutions.	2019

Fans and drives *for every challenge.*

Whatever you want to drive, ventilate, cool, heat or air condition, you are sure to find the right solution amongst our roughly 20,000 different products.

Centrifugal Fans

In our range of centrifugal fans we have forward- and backward-curved blades. The fans with forward-curved blades are also supplied with a scroll housing, whereas the backward-curved versions are designed as freewheel fans.

The PlugFan series for applications in the medium pressure range is available in sizes from 250 to 900 mm with a drive power of up to 12 kW. All RadiPacs are equipped with GreenTech EC motors and already surpass the minimum requirements of the eco-design regulation for fans and have integrated functions like MODBUS and 010 V.

With quick delivery requested in the Middle East we have selected a wide range of PlugFans to make quick deliveries possible from our Dubai warehouse. With over 450 PlugFans available in stock we always have a suitable fan available.

Technical Values

Voltage	85-480 VAC, 50/60 Hz 12, 24, 48 and 100 VDC
Air flow quality	1-30,000 m ³ /h
Power consumption	1-12, 000 W
Application	up to 2,800 Pa



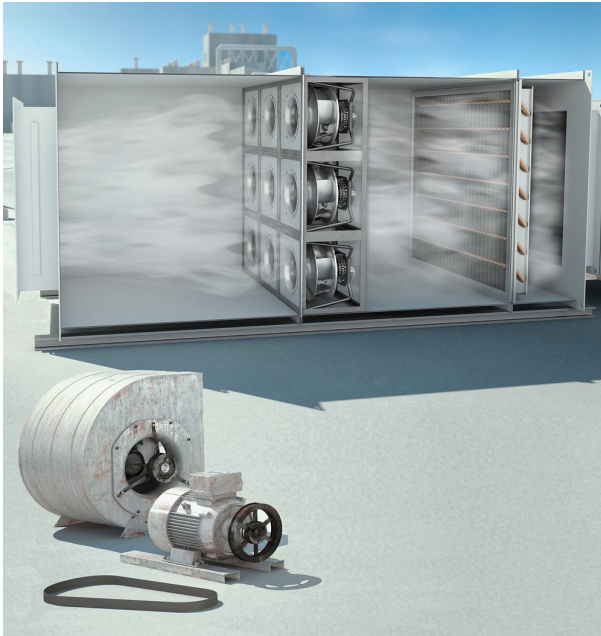
Axial Fans

With axial fans, which function similarly to a propeller, the air is conveyed in axial direction in parallel with the rotating motor shaft. The ebm-papst external rotor motor is integrated directly into the axial impeller, thus forming a compact axial fan unit.

The combination of our GreenTech EC technology, intelligent sensors and control electronics turns the fans into smart solutions for all purposes. With our multiple product ranges (HyBlade®, AxiTop, AxiCool & AxiEco), motor sizes, impeller sizes, Insulation classes, degrees of protection and temperature ranges we always have a solution for your application.

Technical Values

Voltage	85-480 VAC, 50/60 Hz 12, 24, 48 and 100 VDC
Air flow quality	1-30,000 m ³ /h
Power consumption	1-12, 000 W
Application	up to 2,800 Pa



Retrofit solutions

Fan replacement made easy with energy-efficient fan solutions from ebm-papst. Fixed-speed asynchronous motors are still often implemented to drive fans in the refrigeration, air conditioning and building services sector. But these have one major drawback: relatively poor efficiency. This has negatively effects energy consumption in virtually all applications.

There is a way to save energy: ebm-papst can replace fans that use AC motors and are usually inefficient with highly efficient EC technology in the same mechanical design. Switching from AC to EC fans not only benefits the environment and cuts operating costs, it also enhances comfort. Together with our selected partners we will design, install, project manage and commission the fans to existing design requirements, including any controls that are required.

Compact Fans

Axial, centrifugal or diagonal – but always leading the way. Fans from ebm-papst have been setting standards in electronics cooling for decades now and are available in 3 different designs:

Our **axial fans** are suitable for high air performance with medium pressure increase. Thanks to space-saving integration of the motor they are of extremely shallow design. **Diagonal fans** feature diagonal outflow. This achieves greater compression of the air – for a higher air flow rate with high pressure increase.

For every type we can offer a wide range of fans, optionally in AC, DC or GreenTech EC design, for all voltages and in all standard sizes.



Technical Values	Axial Fan	Diagonal Fan
Voltage	5-75 VDC, 11-440 VAC	9-72 VDC
Air flow quality	up to 1,200 m ³ /h	up to 1,100 m ³ /h
Power consumption	0.1-275 W	19-360 W
Application	up to 1,500 Pa	up to 1,500 Pa

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