PRESS RELEASE

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The all-rounder in air-conditioning and refrigeration technology

AxiBlade sets benchmark – expansion of the product range

Axial fans, which are used in air-conditioning and refrigeration systems such as evaporators, condensers, and heat pumps, must fulfill high requirements with regard to air flow, energy efficiency, and noise. The motor and fan specialist ebm-papst has already set a new benchmark here with the launch of the AxiBlade product range. Now this successful product range will be expanded to include additional fans in smaller sizes.

Modular design

With the AxiBlade fans, which were developed in the sizes 630 and 710, the impellers are made of a composite material with profiled blade geometry and winglets for maximum efficiency. The impellers are designed for different motors with which they can be combined. The sturdy guard grills are optimized according to aerodynamic criteria. The robust sheet metal ring with corrosion-resistant paint contributes to the fans' greater overall stability. The first variants of the AxiBlade fans with impeller diameters 630 and 710 will be available in March, after the ISH 2019 trade show. By the end of the year, these AxiBlade fans with additional motor variants will be available in both EC technology and AC technology. Therefore, the new fans can handle air flows up to 25,000 m³/h, with a maximum pressure range of up to 450 Pa.

Plug & play design

Thanks to their plug & play design, these fans can be connected easily and their identical installation dimensions enable a like for like replacement of previous fans in the customer's device. The flat design of the AxiBlade fans can prove beneficial when transporting customer devices.

ErP Directive compliant

AxiBlade axial fans operate in a wide variety of applications with a static efficiency of up to 53%. Depending on how they are installed, the noise level can also be reduced by up to 4 dB(A) as compared to the previous product range. With regard to efficiency, all AxiBlade fans exceed the current ErP requirements and they are therefore a future-proof choice.

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Fig 1: The AxiBlade range from ebm-papst will be expanded to include additional fans in smaller sizes.

Fig. 1	ebm-papst
Characters	Approx. 2,200, including headings and sub-headings
Tags	EC technology, axial fan, energy savings, AxiBlade, plug & play
Link	https://ebmpapst/axiblade

About ebm-papst
The ebm-papst Group is the world's leading manufacturer of fans and motors. Since it was founded, the technology company has continuously set global industry standards: from the digital interconnection of electronically controlled EC fans to aerodynamic improvements for fan blades to the use of eco-friendly materials.

In fiscal year 2017/18, the company achieved sales of over € 2 billion. ebm-papst employs over 15,000 people at 27 production sites (e.g. in Germany, China and the US) and in 48 sales offices worldwide. Fans and motors from the world market leader are used in many industries, including ventilation, air conditioning and refrigeration, household appliances, heating, automotive and drive engineering.