

Insights into ebm-papst's versatile fan range

In April: online FanTalk seminar series on new compact fans

ebm-papst will be offering the FanTalk online seminar series in April. The latest fans from ebm-papst with axial, centrifugal, and diagonal designs and their applications will be presented across three dates. Participants can ask speakers questions via a chat function and participation is free of charge.

Axial + centrifugal = diagonal

It kicks off on 04/15/2021 with the latest fan from ebm-papst, the DiaForce diagonal compact fan. Innovative design combined with the latest motor technology enables up to 50% greater air performance and lower noise. An impressive combination with a wide range of applications and which plays an important role in cooling electronics with high availability requirements, e.g. in data centers or base stations for mobile communication.

Centrifugal fans for dynamic air transport

The aerodynamics and motor of the RV45 centrifugal fan are optimized for rapid speed changes. It generates over 5,000 Pa and is still small, lightweight, and quiet. Depending on the requirements, the DC centrifugal fan with integrated electronics (RVE45) and without (RV45) is available. It is used for applications in which dynamic air transport with high static pressure increase is required. Examples from the industrial environment include vacuum lifters, mobile extraction systems, fire alarm systems, and packaging technology. Respirators and ventilators are typical applications in the medical and laboratory field.

High pressure, small space

The fans in the AxiForce series feature aerodynamically optimized fan impellers and fan housings and have been developed for applications with high back pressure (up to 1,400 Pa). The compact fan is characterized by a steeper characteristic curve, which is required for cooling in densely packed units for automation, for example. The waste heat must be dissipated using an axial air duct design. The AxiForce is also suitable for use in variable frequency drives, robot controllers, and LED displays.

- **April 15, 2021** DiaForce diagonal compact fans for power electronics cooling
- **April 22, 2021** RV45/RVE45 centrifugal fans for dynamic air transport
- **April 29, 2021** AxiForce axial compact fans for applications with high back pressure

Registration

Each topic is presented once at 4 p.m. CET in German and twice in English (8 a.m. and 5:30 p.m. CET) on the same day so that those in other time zones can also take part. Questions can be asked after each presentation using the chat function. Participation in the FanTalk online seminar series from ebm-papst is free of charge; registration at www.ebmpapst.com/registration.

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Fig. 1: Compact fans from ebm-papst are available as axial, centrifugal, or diagonal versions and will be presented in three online seminars in April.

Fig. 1	ebm-papst
Characters	approx. 2600, including headings and sub-headings
Tags	Compact fans, axial compact fans, centrifugal fans, diagonal compact fans, electronics cooling, ventilators, online seminar
Link	www.ebmpapst.com/registration

About ebm-papst

The ebm-papst Group, a family-owned company in Mulfingen, Germany, is the world market leader in fans and drives. Founded in 1963, the technology leader with its core competences motor technology, electronics and aerodynamics, has set international market standards ever since. With over 20,000 products, ebm-papst offers customized, energy-efficient and intelligent solutions for virtually any ventilation and drive technology requirements.

In fiscal year 2019/20, the hidden champion achieved a turnover of 2.188 billion euros and employed almost 15,000 people in 29 production sites (e.g. in Germany, China and the US) as well as in 48 sales locations. With their fan and drive solutions, ebm-papst defines and sets the benchmark in practically all industries, such as ventilation, air-conditioning and refrigeration, heating, automotive, IT, mechanical engineering, catering and household appliances, intralogistics and medical engineering.

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