

A web-based approach to application-oriented fan solutions Finding rather than searching

Choosing the right fan solution for a particular application is crucial to the performance and efficiency of the system as a whole. If the fan is not powerful enough, it will not deliver the volume of air required. If the fan is too big, it may not work economically. The FanScout web-based selection tool from ebm-papst can help with this.

The new version can be operated conveniently and intuitively in a browser, so the right fan can be found even faster. No installation is required for this, no updates are necessary, and users can be sure that they are always working with the latest data.

Individual product filters

Individual product filters are available to narrow down the right fans in the first step, where up to five application-specific operating points and the required operating times can be entered for a fan, for example. Additional filters are available for voltage, frequency, mains type, and the desired motor technology (AC or EC). Information on the installation space, size, maximum permissible noise levels, etc. narrow down the appropriate results even further. The selection tool automatically calculates whether a single fan or several fans - a FanGrid - is the right solution.

Compare details

FanScout also suggests the number of fans that can be used to satisfy the requirements of the application in the most energy-efficient way. All relevant product data is displayed and can be compared at a glance, including operating point data, dimensions and specific measurement data. If you want more technical details, you can also use the expert mode, which shows efficiency curves, for example.

Life cycle costs and sustainability

And there is also an option to determine the life cycle costs of the best combination. All data sheets and operating instructions are available in several languages in the download area. Anyone looking for a particularly resource-efficient fan will also find what they are looking for. The Sustainability Report shows the CO₂ emissions of the individual fans clearly in table form.

Share results and help shape the future

The results of the selection tool can be shared with others at any time. PDF export can also be used to save the selection in a clear and printable manner. Since FanScout will continue to be developed further, every user can use the feedback button to help shape the future of this practical selection tool with suggestions and requests. The user can register at www.ebmpapst.com/fanscout.

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December 14, 2023 - Page 1 of 2

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Figure 1: The FanScout selection program from ebm-papst is now available as a web-based solution and helps with selecting the right fan.

Fig. 1 ebm-papst
 Characters approx. 2,800, including headings and sub-headings
 Tags FanScout, life cycle costs, product filters, selection tool
 Link www.ebmpapst.com/fanscout

About ebm-papst

The ebm-papst Group, a family-run company headquartered in Mulfingen, Germany, is the world's leading manufacturer of fans and motors. Since it was founded in 1963, the technological leader has set international industry standards with its core competencies in motor technology, electronics, digitalization, and aerodynamics. ebm-papst offers sustainable, intelligent, and tailor-made solutions for virtually every requirement in ventilation and heating technology.

In the 2022/23 financial year, the Group generated turnover of EUR 2.540 billion. It employs just under 15,000 people at 30 production sites (including in Germany, China, and the U.S.) and in 50 sales offices worldwide. ebm-papst sets the benchmark in almost all sectors, such as ventilation, air conditioning and refrigeration technology, heating technology, information technology, mechanical engineering, intralogistics, and medical technology.

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December 14, 2023 - Page 2 of 2

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