

New gas blower for higher heat outputs of up to 1 MW

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With the new high-performance gas blower G3G250-MW, ebm-papst is extending the existing series upwards, which is now suitable for heat outputs of 10 kW to approximately 1 MW. In industry in particular, this results in new applications that can now be supplied with this new blower.

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The new gas blower is based on an EC motor of size 112 equipped with an integrated 3 kW electronics system and thus has all the known advantages of the electronically commutated motors. The housing and the impeller combinations of the existing series have been used, in order as far as possible to avoid dimension changes in the customer applications. The blower is impressive on account of its high power density with low weight and compact dimensions.

The new design, for reasons of power, is available with a voltage supply of 3~400 VAC (previously 1~230 VAC). A version with 3~208 VAC is also planned for the US market.

The new gas blower will be available from series production from the fourth quarter of this year. First samples are already available upon request.



Fig.: New gas blower for heat outputs of up to 1 MW.

About ebm-papst

The ebm-papst Group is the world's leading manufacturer of fans and motors and is a pace setter for the ultra-efficient EC technology. In the last fiscal year, 2007/2008, the company achieved a turnover of 1.076 billion EUR. ebm-papst employs nearly 10,000 employees at 17 production facilities (including those in Germany, China and the USA) and 57 sales offices world-wide. Products of the global market leader are represented in many industries, including ventilation, air-conditioning and refrigeration technology, household appliances, heating engineering, in IT/telecommunications applications, as well as those in automotive and commercial vehicle engineering.

More information can be found at www.ebmpapst.com

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