



Press Release

Quiet Fan – 80 x 80 mm Class

Efficient cooling with low energy use

Reliable cooling of all components is essential for compact, highly integrated electronics in the fields of IT, telecommunication and network technology, as well as in inverters for the automation of solar plants. High packing density requires a high airflow rate and a large increase in pressure in order to dissipate the heat. The specialist in fan and drive technology, ebm-papst, now introduces the 8300 N, a fan which is up to 8 dB(A) quieter than its predecessor. This DC axial fan achieves an air flow rate of up to 130 m³/h and a back pressure of up to 280 pascal within dimensions as small as 80 x 80 x 32 mm. To do so, it only requires half the energy of its predecessor—depending on operating point and version—making it up to 112% more efficient in optimal operating conditions. This is thanks in part to its smaller and more efficient motor, which is available in 12, 24 or 48 VDC versions. The mounting frame and hole pattern are compatible with the previous model, enabling this quiet and energy-saving successor to be quickly and easily retrofitted.

The fan comes with VDE, UL and CSA certification. Speed signal, go/no-go alarm with speed limit and external/internal temperature signal are also available, as is PWM control input or analog input and moisture protection. The fans meet the requirements up to protection class IP68 (depending on the respective model) and can be adapted to be salt spray resistant.

Image 1: Economical and quiet, the new 8300 N fan (ebm-papst)

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 market standards. Developments have ranged from electronically controlled EC fans, through aerodynamic improvements of fan blades, and on to the resource-conserving selection of materials, with sustainable materials being just one option.

In fiscal year 2015/16, the company achieved sales of almost €1.7 billion. ebm-papst employs approximately 12,500 people at 18 production sites (in Germany, China, the United States and elsewhere) and in 57 sales offices worldwide. Fans and motors from the global market leader can be found in many industries, including ventilation, air conditioning and refrigeration, household appliances, heating, automobiles and drive engineering.

Anja Nießner
Public Relations

ebm-papst St. Georgen
Hermann-Papst-Straße 1
78112 St. Georgen

Telefon: +49 7724 81-1311
Telefax: +49 7724-81-51311
anja.niessner@de.ebmpapst.com

04. Juli 2016- Page 1 of 1

Press office contact
ebm-papst Group

Phone: +49-7938-81-7105
presse@de.ebmpapst.com
twitter.com/ebmpapst_NEWS
facebook.com/ebmpapstFANS
youtube.com/ebmpapstDE
www.ebmpapst.com
www.greentech.info/ec-technologie