



Press Release

ebm-papst celebrates success at the German Design Award

Award for ebm-papst air inlet grille

At the German Design Award 2015, ebm-papst received a Special Mention award for its FlowGrid air inlet grille. The FlowGrid, which is an add-on for axial and centrifugal fans, was recognised for its design quality in the Building and Energy category of the Excellent Product Design segment. This award celebrates products whose designs feature particularly well-made parts or solutions.

Dr Bruno Lindl, Director of Research and Development at the ebm - papst Group: "I am delighted to receive this high-quality distinction as a reward for our development efforts in the area of aerodynamics". Jens Müller, who works as an aerodynamics development engineer at ebm-papst, added: "The award gives credence to our commitment to reducing the noise generated by our fans still further". The award was presented in Frankfurt on 13 February 2015.

The FlowGrid air inlet grille is an efficient way to drastically reduce noise levels in refrigeration, ventilation and air conditioning technology. Disturbance of the flow of air into the fan produces high noise levels. With this in mind, the Mulfingen engineers developed the special FlowGrid air inlet grille which has a straightening effect on the inflowing air. The air inlet grille is suitable for use with axial and centrifugal fans alike, such as those used in flat air conditioners, central air conditioning units, air purifiers and heat pumps, for example. Using the air inlet grille for a condenser with an axial fan, for example, makes it possible to reduce the noise level by 3.9 dB(A) and the blade passing frequency by 16 dB. And best of all: power input and air performance are virtually unaffected.

The jury at the German Design Award 2015 was made up of design experts from various specialist fields. The German Design Award has grown significantly since its launch in 2012. In its first year, it received approximately 1500 entries; this year, there were 2250. In each of the 10 product design categories, the jury selected an overall winner and up to a further 10 prize-winners. To acknowledge the high quality of the entries received, the jury gave the "Special Mention award for product design.

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Fig. 1: Jens Müller is delighted with the prize won by the FlowGrid.



Fig. 2: The FlowGrid air inlet grille drastically reduces noise-generating disturbance in the inflowing air.

Images: ebm-papst



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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 bio-materials being just one option.

In fiscal year 2013/14, the company achieved a turnover of €1.5 billion. Throughout the world, ebm-papst employs around 11,500 people at 18 production sites (including in Germany, China and the USA) and in 57 sales offices. Fans and motors from the global market leader can be found in many industries, including ventilation, air conditioning and refrigeration, household appliances, heating, IT and telecommunications, as well as automotive and commercial vehicles.

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