



## Press Release

**RadiCal impressed judges in "Best of Product" category**

### **RadiCal wins Materialica Award**

The winners of this year's MATERIALICA Design + Technology Awards were announced at a ceremony in Munich on October 17, 2017. "We're very pleased that our innovative RadiCal centrifugal fan impressed the judges and was designated 'Best of Product,'" said Thomas Heli, Head of Development in Product Section EA-2 at ebm-papst Mulfingen.

ebm-papst has developed a single-inlet EC blower with a RadiCal impeller specifically for use in residential ventilation units. A vane anemometer (patent pending) ensures exact airflow control, and integrated sensors allow optional monitoring of temperature and humidity. A MODBUS-RTU interface permits remote monitoring and programming. The blower's efficiency is up to 34 percent higher than that of EC centrifugal blowers. At the same time, its scroll contour reduces the total noise level by 3.5 dB(A). When a FlowGrid air inlet grill is added to the intake side, noise reduction can be further optimized.

#### **About the MATERIALICA Design + Technology Award**

The MATERIALICA Design + Technology Award judges a combination of technology expertise and design. A panel of materials and design experts has honored winners in the "Material," "Surface & Technology," "Product," "CO<sub>2</sub> Efficiency" and "Student" categories since 2003. Other awards in various categories went this year to Daimler, Lindberg, Schaeffler, Magna, Continental, Brose etc.



Fig. 1: Awards ceremony in Munich: Robert Metzger, managing director of Munich Expo, Peter Riegler and Thomas Heli from ebm-papst along with moderator Jan Stecker

Corinna Schittenhelm  
Trade press coordinator  
Phone: +49 7938 81-8125  
Fax: +49 7938 81-98125  
Corinna.Schittenhelm@de.ebmpapst.com

Katrin Lindner  
Trade press coordinator  
Phone: +49 7938 81-7006  
Fax: +49 7938 81-97006  
Katrin.Lindner@de.ebmpapst.com

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Press office contact  
ebm-papst Group

Phone: +49 7938 81-7105  
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www.ebmpapst.com  
www.greentech.info/ec-technologie



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Corinna Schittenhelm  
Trade press coordinator  
Phone: +49 7938 81-8125  
Fax: +49 7938 81-98125  
Corinna.Schittenhelm@de.ebmpapst.com

Katrin Lindner  
Trade press coordinator  
Phone: +49 7938 81-7006  
Fax: +49 7938 81-97006  
Katrin.Lindner@de.ebmpapst.com

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Press office contact  
ebm-papst Group

Phone: +49 7938 81-7105  
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www.ebmpapst.com  
www.greentech.info/ec-technologie

Fig. 2: Smart, precise, compact: RadiCal centrifugal fan in a scroll housing.

**Photos** Kroha Fotografie (fig. 1), ebm-papst (fig. 2)  
**Characters** approx. 1,600, with headings and sub-headings  
**Keywords** centrifugal fan, Materialica, RadiCal  
**Tags** RadiCal, FlowGrid, Award  
**Link** [www.ebmpapst.com/radical4home](http://www.ebmpapst.com/radical4home)

#### 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 industry standards: from interconnected, electronically controlled EC fans and aerodynamic improvements for fan blades to the use of materials that conserve resources.

In fiscal year 2016/17, the company achieved sales of almost €1.9 billion. ebm-papst employs over 14,000 people at 26 production sites (in Germany, China, the US and elsewhere) and in 49 sales offices worldwide. Fans and motors from the world market leader are used in many sectors, including ventilation, air conditioning and refrigeration, household appliances, heating, automotive and drive engineering.