

Expanded product line

RadiCal in scroll housing for residential and industrial ventilation

The Ecodesign Directive has heightened requirements for residential ventilation units, which need to be demonstrably energy-efficient, adjustable and quiet. Motor and fan specialist ebm-papst has now rounded out its line of especially efficient RadiCal fans in scroll housings.

In addition to the existing sizes 190 and 225, smaller models in sizes 133 and 160 (24 to 165 W) - ideal for installation in compact residential ventilation units - are now available.

Efficient and quiet

The scroll housing on the centrifugal fans has an outlet with a round cross section for direct attachment to the pipe fitting on the unit's air outlet. Flow losses are reduced, air performance remains pressure-insensitive, and efficiency rises by as much as 34% over centrifugal blowers of the same design while noise emission is significantly reduced by about 3.5 dB(A).

Vane anemometer for integrated air flow measurement

Special features of the product line include integrated air flow measurement with a vane anemometer (patent pending), humidity and temperature sensors positioned in the air flow, a MODBUS RTU interface with numerous communications capabilities, and connections for further sensors.

Plug & play system, ready to install

The fans are designed as plug & play systems for easy installation. In addition to the designs with EC motors, models with 2-pole single-phase asynchronous motors or with fewer sensors are also available.

New power blower for industry

For applications that require more power, the new product line has the right solution: Size 225 is now also available in a 500 W version, a power blower that delivers 1,000 m³/h at 1,200 Pa, making it suitable for many industrial engineering applications, for example in packaging systems where certain areas need to be cooled as quickly as possible.

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

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

November 26, 2019 - Page 1 of 2

Press office contact
ebm-papst Group

Phone +49 7938 81-7105
twitter.com/ebmpapst_news
facebook.com/ebmpapstFANS
youtube.com/ebmpapstDE
www.ebmpapst.com

Expanded product line

RadiCal in scroll housing for residential and industrial ventilation



Fig. 1: Smart and efficient centrifugal fans for residential and industrial ventilation

Fig. 1 ebm-papst
Characters Approx. 2,100, including headings and sub-headings
Tags EC technology, centrifugal fan, saving energy, vane anemometer, scroll housing, RadiCal, power blower, residential ventilation
Link www.ebmpapst.com/radical4home

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 the technology company was founded in 1963, it has continuously set the global industry standard. With over 20,000 products in its range, ebm-papst provides the best energy-efficient, intelligent solution for virtually every ventilation or drive engineering task.

In fiscal year 2018/19, industry leader ebm-papst generated revenues of 2.18 billion euros. It employs over 15,000 people at 28 production sites (e.g. in Germany, China and the US) and in 48 sales offices worldwide. Fans and motors from the world market leader are used in most industries, including ventilation, air conditioning and refrigeration, household appliances, heating, automotive and drive engineering.

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

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

November 26, 2019 - Page 2 of 2

Press office contact
ebm-papst Group

Phone +49 7938 81-7105
twitter.com/ebmpapst_news
facebook.com/ebmpapstFANS
youtube.com/ebmpapstDE
www.ebmpapst.com