



## Press Release

ebm-papst at ISH

### Innovation and Efficiency

**ISH in Frankfurt is the world's leading trade show for innovative bath design and energy-efficient heating and air conditioning. This year it is being held from March 14-18. In hall 11.0 at booth B90, motor and fan specialist ebm-papst is showing its latest energy-saving fans for air conditioning and condensing technology.**

#### **RadiCal in scroll housing for residential ventilation**

ebm-papst is presenting a single-inlet EC blower with RadiCal impellers in a scroll housing. The blower is designed for use in residential ventilation units with and without heat recovery. RadiCal, a backward-curved centrifugal fan, achieves significantly higher efficiency in comparison to forward-curved centrifugal blowers. At the same time, it reduces the noise level as a result of its optimized scroll contour. When a FlowGrid air inlet grill is added to the intake side, noise reduction can be further optimized.

#### **Ventilation technology in a cube**

RadiPac EC centrifugal fans are specially designed for used in air handling units. These built-in fans are equipped with the highly efficient RadiPac Airfoil impeller in aluminum. The compact plug & play system in stackable cube design will be launched at ISH in the new 630-1,000 size range. The cube-shaped struts have been optimized to avoid any negative impact on aerodynamics and acoustics. Thanks to infinite speed changes and a MODBUS-RTU interface, RadiPac adapts perfectly to all air conditioning tasks.

#### **VG 100 gas condensing blower**

When it comes to heating technology, ebm-papst is following the trend to increasingly higher comfort with the new VG 100 gas condensing blower. The blower now has a power range of 5-50 kW – an increased upper limit. It provides power for warming water in combination heating units more quickly, for example. And the VG 100 features impressive top energy efficiency, low noise emission and compact installation dimensions. The gas condensing blower is the first unit in the new, modular gas blower platform from ebm-papst.

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Image 1: The new VG 100 gas condensing blower from ebm-papst features a power range of up to 50 kW.

<b>Image</b>	<b>ebm-papst</b>
<b>Characters</b>	approx. 2,100, with headings and sub-headings
<b>Keywords</b>	EC technology, centrifugal fan, gas condensing unit
<b>Tags</b>	EC fan, centrifugal fan, RadiCal, RadiPac, FlowGrid
<b>Link</b>	<a href="http://www.ebmpapst.com/radipac">www.ebmpapst.com/radipac</a>

#### 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, 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 13,000 people at 25 production sites (in Germany, China, the United States and elsewhere) and in 49 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.

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