



Press Release

Chillventa 2016 - Refrigeration Specialist Forum

ebm-papst with expert presentations at Chillventa

During the Chillventa trade show from October 11-13, 2016 the very latest developments in energy efficiency, heat pumps, and refrigeration technology will be presented. It will include three specialist forums, where experts present their in-depth knowledge of current issues in the industry. For refrigeration technology, a total of 46 presentations are planned, with ebm-papst addressing two issues.

Patrick Stern, Market Manager for refrigeration technology at ebm-papst Mulfingen, will present the "AxiCool" axial fan for evaporators and refrigerators on October 12 in the forum in Hall 7A, Stand 618. Whereas sizes up to 450 are mainly suitable for commercial applications and small store rooms on sales premises, the new sizes 500, 630 and 800 of AxiCool fans are intended for larger-scale applications, for instance in large cold stores or warehouses and production facilities used in the food processing and foodstuffs industries. This means that practical and highly energy-efficient axial fans are now available for high-performance evaporators in industrial and commercial cooling systems.

On October 13, Patrick Stern will be presenting "AxiBlade", a revolutionary concept for axial fans. With the AxiBlade, ebm-papst has developed a new generation of axial fans that utilizes all the potential optimizations opened up by the latest technology. The concept is based on a modular system consisting of fan housings of different heights with an aerodynamically optimized geometry. In addition, there are impellers with a profiled blade geometry, winglets and guide vanes to ensure maximum efficiency. This enables the new axial fans to be optimally designed for specific applications.

Refrigeration specialist forum in Hall 7A, Stand 7A-618

AxiCool: October 12, 2016, 11:40-12:00

AxiBlade: October 13, 2016, 13:20-13:40

Both presentations will be in English and are free for visitors to Chillventa. Of course, the two product series in question and other highlights will also be exhibited on the ebm-papst stand in Hall 4A, Stand 313.

The refrigeration specialist forum provides an opportunity to focus on specific issues in depth. The topics range from CO₂ and water as refrigerants, initiatives to develop more efficient refrigerants, compressor power measurement with new low-GWP refrigerants, high-pressure components for CO₂ and NH₃, compact screw compressors with integrated frequency converters to innovative fan systems.

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
presse@de.ebmpapst.com
twitter.com/ebmpapst_NEWS
facebook.com/ebmpapstFANS
youtube.com/ebmpapstDE
www.ebmpapst.com
www.greentech.info/ec-technologie



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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



Fig. 1: The specialist forums at Chillventa have been an established part of the trade show program for years. In 2016, ebm-papst will be making two presentations.
[Picture from 2014]



Fig. 2: The high-end version of the "large" AxiCool with covered fan housing and integrated diffuser with guide vane will be presented by Patrick Stern at Chillventa on October 12, 2016.



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Figure 1 NürnbergMesse
Figure 2 ebm-papst
Characters Approx. 2,500, with headlines
Keywords EC technology, axial fan
Tags EC fans, energy saving, axial fan, AxiCool, AxiBlade, Chillventa
Links: www.ebmpapst.com/axiblade
www.ebmpapst.com/axicool

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

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presse@de.ebmpapst.com
twitter.com/ebmpapst_NEWS
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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 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.