



Press Release

Axial fans for high-performance evaporators

The axial fan family for evaporators – "AxiCool" from ebm-papst – has new members. The new sizes – 500, 630 and 800 – are designed with high-performance evaporators and air coolers in the commercial and industrial cooling sectors in mind. They are ideal for use in large cold storage facilities and the refrigerated warehouses and production rooms used in the food processing and food industries.

ebm-papst chose the system approach once again when developing the new AxiCool fans. All of the individual fan components are perfectly matched, enabling them to achieve maximum benefits with regard to efficiency, output and noise. The result is an energy-efficient plug & play unit with low noise generation that is ready to install.

As their heat exchangers become more and more iced over, fans must frequently work at a higher back pressure. This reduces the fan's efficiency, and that of the entire refrigerating plant in turn. The new AxiCool series enables efficient cooling despite this situation. Its integrated diffuser and discharge vane combination increases efficiency by over 30%. This allows the air performance to increase by up to 12% while reducing noise by up to 3 dB(A).

The efficiency-boosting discharge vane is integrated in all AxiCool variants. A cable provides easy, standard connection. An optional terminal box also enables a heating tape to be connected, rounding out the product line. The heating tape can be retrofitted very easily when needed. All sizes are available in both the high-end variant with a fan housing cover and the standard variant without a fan housing cover. The fan housing cover offers an advantage when the hygiene requirements are rigorous, since its smooth surfaces attract fewer contaminants and are easier to clean. In addition, a defrost bag can easily be attached to the exterior of the fan housing cover.

All variants are engineered for operation down to -40 °C as standard, and with degree of protection IP55, they are extremely durable. The AxiCool series is very compact thanks to its external rotor fan design, enabling compact designs for the evaporator units in which it is installed. The new fans are available in all sizes as 1-phase and 3-phase AC variants and with efficient GreenTech EC technology.

Press contact:
Andy Sondalini
Marketing Coordinator

ebm-papst A&NZ Pty Ltd
10 Oxford Road
Laverton North VIC 3026
Australia
Phone: +61 3 9360 6400
Fax: +61 3 9360 6464

andy.sondalini@au.ebmpapst.com
<http://www.ebmpapst.com.au>

facebook.com/ebmpapstANZ
twitter.com/ebmpapstANZ
youtube.com/ebmpapstANZ

23.05.2017- Page 1 of 2



Press Release

Axial fans for high-performance evaporators



Fig. 1: The "large" AxiCool in the high-end variant with covered fan housing and integrated diffuser with guide vanes.

About ebm-papst

The ebm-papstGroup is the world's leading manufacturer of fans and motors and is a pioneer and pacesetter for ultra-efficient EC technology. ebm-papst fans and motors are represented in many industries, including ventilation, air-conditioning and refrigeration technology, household appliances, heating engineering, in IT/telecommunications, in medical technology and in applications in automotive and commercial vehicles engineering. ebm-papst EC motor technology, and the market leader's engineering and logistics expertise will add value to your business.

Find out more about ebm-papst A&NZ on www.ebmpapst.com.au.

Press contact:

Andy Sondalini

Marketing Coordinator

ebm-papst A&NZ Pty Ltd

10 Oxford Road

Laverton North VIC 3026

Australia

Phone: +61 3 9360 6400

Fax: +61 3 9360 6464

andy.sondalini@au.ebmpapst.com

<http://www.ebmpapst.com.au>

facebook.com/ebmpapstANZ

twitter.com/ebmpapstANZ

youtube.com/ebmpapstANZ

23.05.2017- Page 2 of 2