



Press release

AxiTop diffuser by ebm-papst: Listen to the difference

ebm-papst has launched a diffuser that is setting a new standard in terms of acoustics, efficiency and flexibility. The AxiTop can significantly increase fan performance while reducing operating noise. Its pressure-boosting effect minimizes exit losses and makes it easy to adapt the fan to commercially available heat exchangers.

The combination of internal and outer diffuser is a worldwide innovation and was developed to fit the company's HyBlade axial EC fans in sizes 800mm and 910mm.

The AxiTop reduces the velocity in the airstream, converting dynamic pressure into static pressure in a more efficient and quieter way.

Press contact:
Caroline Bommès
Marketing Consultant

ebm-papst A&NZ Pty Ltd
10 Oxford Road
Laverton North VIC 3026
Australia

Phone: +61 3 9360 6400
Fax: +61 3 9360 6464

caroline.bommès@au.ebmpapst.com
<http://www.ebmpapst.com.au>

facebook.com/ebmpapstANZ
twitter.com/ebmpapstANZ
youtube.com/ebmpapstANZ
16/09/13- Page 1 of 2



Figure 1: The AxiTop diffuser mounted on an ebm-papst EC axial fan

Main benefits: greater efficiency, less noise, reduced exit losses

The AxiTop diffuser configuration can be optimized for different characteristics, depending on the application concerned. It is possible to either achieve lower energy use or get greater air performance with unchanged energy input. Both settings also reduce the fan's noise level.

If set to efficiency, up to 27% less power use can be achieved, along with a reduced operating noise level of up to 7.2 dB(A).

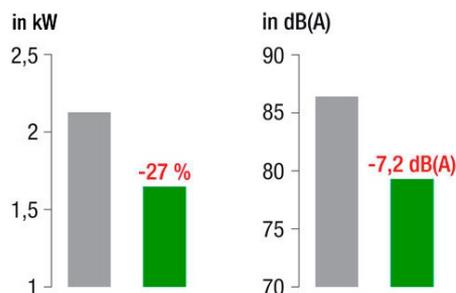


Figure 2: AxiTop setting optimised for maximum efficiency



Press release

On the other hand, if set to performance, the AxiTop can provide up to 9% more air flow while still reducing noise emissions by 4.9 dB(A) with the same connected load.

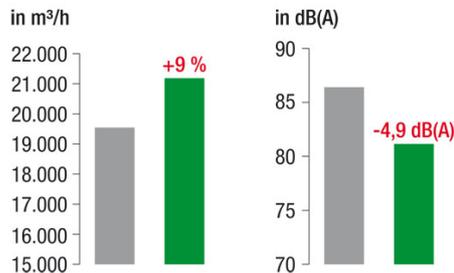


Figure 3: AxiTop setting optimised for maximum airflow

It can easily be retrofitted on existing installations without redesigning the customer's application.

About ebm-papst

The ebm-papst Group 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:

Caroline Bommès

Marketing Consultant

ebm-papst A&NZ Pty Ltd
10 Oxford Road
Laverton North VIC 3026
Australia

Phone: +61 3 9360 6400

Fax: +61 3 9360 6464

caroline.bommès@au.ebmpapst.com

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

facebook.com/ebmpapstANZ

twitter.com/ebmpapstANZ

youtube.com/ebmpapstANZ

16/09/13- Page 2 of 2