

## The new generation of fans for alternating current

A broad range of ACmaxx fans will be available for use in the industrial sector in switch cabinets, filter fans or even welding machines, in refrigerated shelves and refrigerated counters and also as fans inserted in pipes for ventilation and air-conditioning systems. Allow us to talk to you about the impact ACmaxx fans and ebm-papst engineering services can have in your application. We would be delighted to hear from you.

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**ebm**papst

**ACmaxx.**  
Simply better than AC.  
That's all there is to it.



**ebm**papst



*ebm-papst would not be ebm-papst if we were not constantly striving to optimise our products and advance their development. A current example is the new ACmaxx fans. The aspect that their name does not reveal is concealed directly on the motor block: the intelligent electronics which tap into the mains-voltage-controlled EC technology. And this is coupled with the fans having identical cross sections and receptacles which do not require any structural modifications.*

Progress can be this simple!

The aim in developing the new ACmaxx series was to considerably increase the technical standard of the conventional AC fan and in the process make it as easy as possible to change over to the new technology by retaining identical overall sizes. In short, to ensure the fans can be replaced 1:1 without any peripheral changes or change to the voltage situation. And these are the benefits:

## From AC ...

**From mains voltage**

## ... to ACmaxx

**to global voltage!**

Can be used from 85 – 265 volts, 50 and 60 Hertz. For the simplest logistics worldwide.

**From average levels of efficiency**

**to maximum energy efficiency!**

75% better efficiency levels – and therefore cost saving of at least 50 %.

**From “normal” ventilation power**

**to large power reserves!**

Markedly higher volume flow and – optionally – flexibly variable speed.

**From a reliable standard**

**to up to 85% greater durability.**

Coupled with considerably longer servicing/maintenance intervals.

**From a rigid system**

**to control over a wide range.**

Allows stand-by mode, overload mode at peak times or noise-reduced operation.

**From costly monitoring during operation**

**to trouble-free functional control.**

using alarm or tacho signal output.

**From the standard**

**to the new benchmark in the market!**

When it comes to energy efficiency, power levels and durability.

**Up to 2005**

**From 2006**

