



## Press release

Compact fan W1G130 now available with spigots

### The new axial compact fan W1G130

The energy-efficient W1G130 compact fan is now available with spigots from ebm-papst A&NZ. This local development is a drop-in replacement for the currently used AC product W2S130 with spigots. It produces the same performance as the AC fan (approx. 330m<sup>3</sup>/hr at free air) while only using one third of the power. Alternatively the W1G130 can be operated in boost mode to provide 10% more air, but still uses 50% less power than the AC model. It comes with an improved IP rating (IP54 vs IP20) and full plastic construction. Calculations show that a conversion from AC to EC will typically pay for itself within no more than a year.



Figure 1: W1G130 with EC motor

The W1G130 compact fan motor is based on the tried and tested ESM motor technology with 2 speed stages, which can be switched according to demand. This enables further energy savings to be made, increasing the overall efficiency of the application even further. The two programmed speed stages have been selected to cover the air performance of the two earlier AC predecessors. Its IP54 protection rating and permissible ambient temperature up to +70 °C makes it especially suitable for industrial applications. Wall ring and impeller are made of resilient, fiberglass-reinforced plastic, making additional corrosion protection unnecessary. The plastic material provides for a low weight. Aerodynamic optimisation measures on the impeller keep noise development low.

**The new compact fans with GreenTech EC technology are mechanically fully compatible with their AC predecessors, which makes it just as easy to perform a conversion as it is to incorporate them into a new installation.** With their compact dimensions and great efficiency they are employed above all for control cabinet cooling and in other cooling applications such as bottle coolers and refrigeration appliances.

#### **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](http://www.ebmpapst.com.au).

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