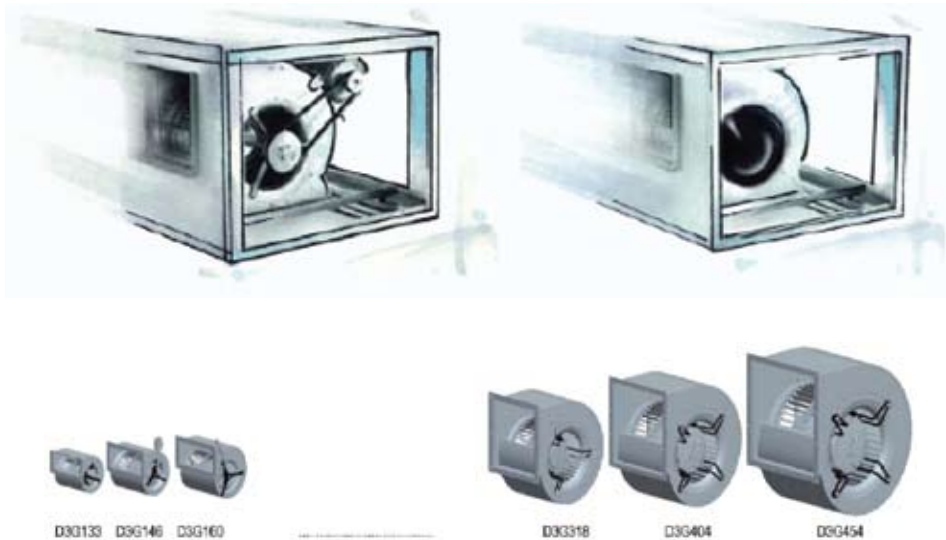


# EC Blower

## when space is a premium

EC technology in air movement applications is now common place. Electronically controlling the commutation of high efficiency DC motors and integrating the supply electronics has proven to deliver cost, power and noise control savings in many applications (1).



In many medium pressure applications using EC motors coupled with backward curved impellers is the optimum solution. Many air-conditioning and ventilation applications require the use of housed impellers as this fits the current equipment layout. Listening to this requirement ebm-papst has launched a new range of forward curved fans in EC technology – or EC blower.

The electronic commutated motors are extremely quiet across the whole 100% speed control range and offer power savings up to 90%, well in excess of standard asynchronous motors where efficiencies 30-60% only are typical.

The simple control allows simple programming of constant pressure or constant volume systems. This are new and novel in the Aust. & N.Z. markets and allow simple commissioning and balancing of ventilation systems or ensure standard performance in filtered systems.

Depending on the type of motor used, the dual inlet blower fans with ebm-papst state of the art EC technology cover almost every application area. Eleven fan sizes with drive outputs between 85W and 3kW are available. A suitable solution is available for many applications including air handling units, air-conditioning supply unit, VAVs, fan coils, air heaters as well as forced cooling systems.

*Think outside the square – what can EC speed control do for your product?*

For further information please  
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