



MagFan PAT. PEND.
- world leader in energy efficiency

AGRICULTURAL APPLICATIONS

MagFan offers energy savings upwards of 50 % against any other high-end wall fan on the market.

New Danish Standards

MagFan is the result of advanced CFD design combined with full scale prototype testing in one of Europe's most advanced test facilities. The result is an ultra high efficiency, highly flexible fan. The design is eco-friendly and the fully automated manufacturing takes place under strict environmental control in Denmark.

The world's most energy efficient wall fan

MagFan quite simply is the most efficient wall fan on the world market. In a direct comparison against leading suppliers on the market today, MagFan offers at least 50 % lower energy consumption at equivalent flow rates.

Dedicated Variable Speed Drive

MagFan uses a Dedicated Variable Speed Drive with SoftStart. Your MagFan starts slowly and quietly and accelerates to the requested speed which can be defined either by a chosen fixed speed setting or run infinitely adjustable using the integrated variable speed setting. When running in the variable speed mode, the fan delivers exactly the required amount of air and the precise airflow control potentially offers savings in excess of 90 % over conventional high end fans.

The All-in Package

Do you then have to buy a speed drive if you want to run adjustable speed on your MagFan? No, MagFan comes with an advanced VSD and the price includes this simple to use plug-and-run device which also facilitates installation and makes MagFan capable of running on 95 % of the world's electric grid.



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Simplicity by design

MagFan completely changes the perception of a fan. Its stackable components offer safe, ultracompact shipping, and the fan's simplistic design and rugged construction makes it the simplest to install, easiest to run fan ever. All components are either high grade plastics or stainless steel. MagFan is maintenance free and it is 100 % recyclable.

DACS has won the Danish award for Sustainable Products with MagFan.



European Business Awards for the Environment

Flexibility by design: Customized solutions

The flexible MagFan design allows us to go outside of the ordinary, and we already have. But who knows, you may have just the right application for a slightly modified MagFan and we just haven't thought of it because we don't see the world through your eyes.

Well, do not hesitate to ask us about our customized solutions. We do special voltage motors and can change pitch settings and number of blades to match pretty much any work point you may request, and we can do testing and a full documentation on any such non-standard solution.

MagFan takes your further

Though MagFan uses a high efficiency PM motor, it owes its outstanding efficiency primarily to the unique aerodynamics. This means that no matter the choice of motor MagFan will run longer and deliver more per unit of energy. Wherever energy is a limited resource MagFan is the answer. For instance, MagFan will deliver up to three times the air exchange capacity of any other fan when running on a low voltage PV power source.



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