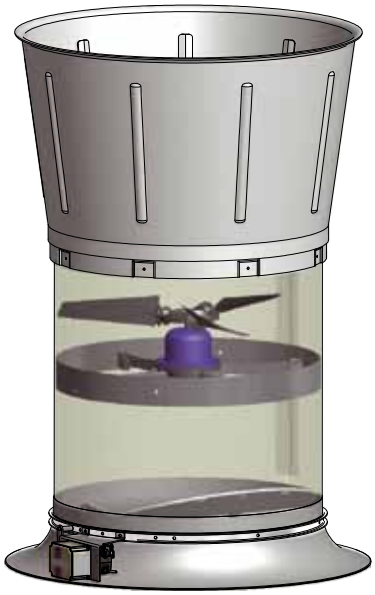
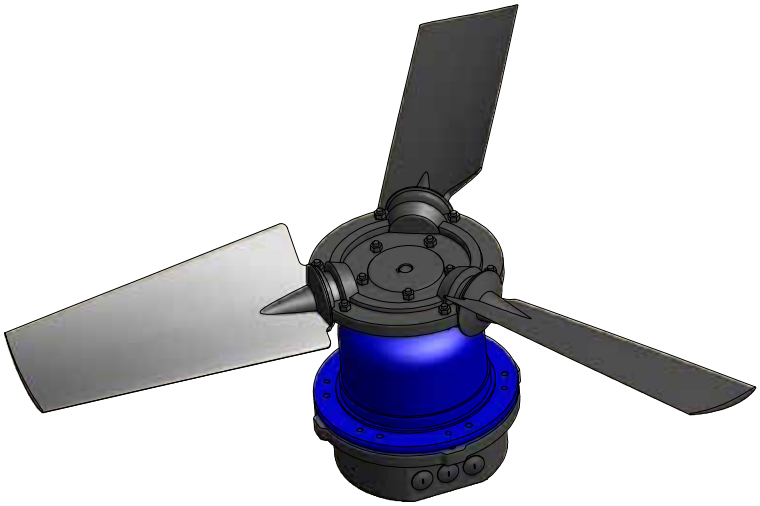
SKIOLD PM MOTORS FOR VENTILATION





NEW - SKIOLD PM MOTORS FOR VENTILATION!

Installing the new SKIOLD PM Motor is the most cost effective way of saving energy in modern livestock production.
Energy savings from 35 to 70% compared to traditional voltage or frequency controlled motors.

- The potential energy saving for each farmer is very significant, as the ventilation system typically represents up to 80% of the total power consumption on the pig farm.
- The SKIOLD PM motor is equipped with permanent magnets, being the secret behind the saving of energy
- The motor has a built-in controller, which is setting new standards for electric cabling, and thus major cost reductions.
- The new SKIOLD PM motor is for new systems as well as for retrofitting.
- Provides an extremely pressure constant fan system with high stability in windy weather, ensuring a stable negative pressure inside the building.

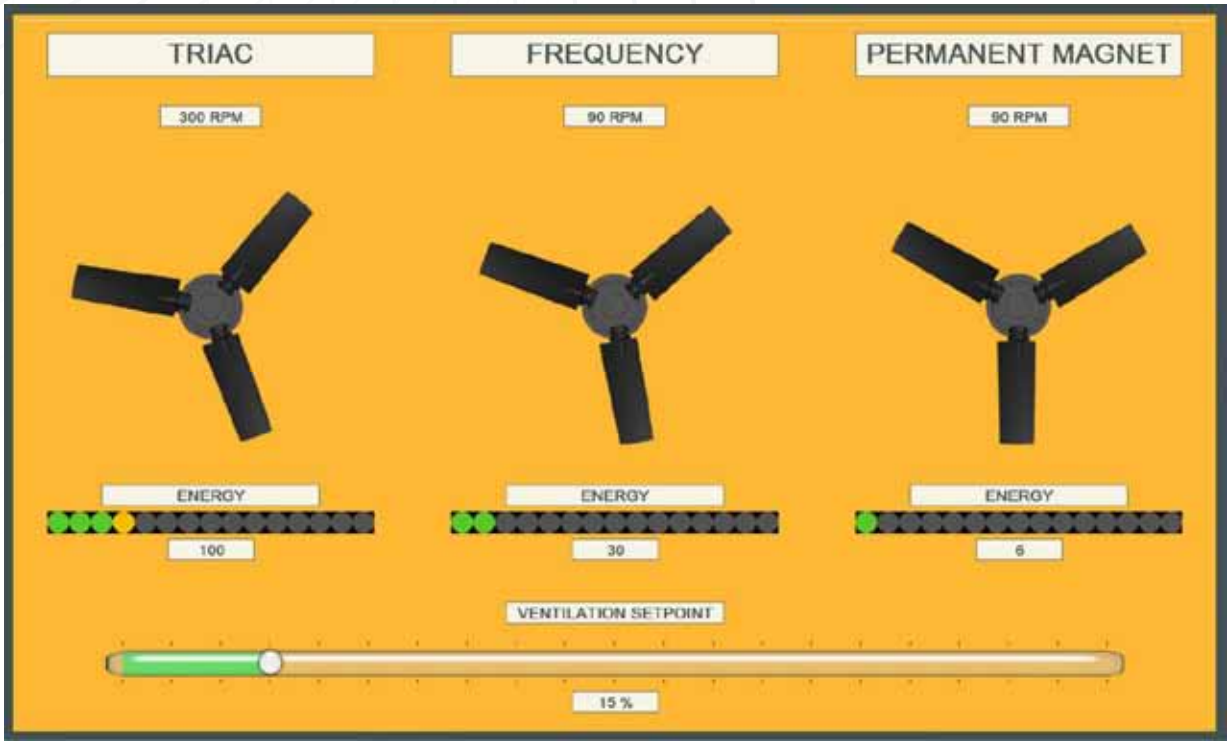
SKIOLD PM Motors

FANS OF THE PAST – THE PRESENT - AND THE FUTURE

Triac – the traditional voltage controlled fan with restrictions in the low speed area

The frequency controlled fan is today's most efficient ventilation principle on the market

The permanent magnet (PM) system is the future standard for energy saving and pressure stable ventilation



Above is shown the difference in energy consumption for the 3 various ventilation principles at 15 % ventilation capacity. The PM motor only consumes 6 % energy compared to the voltage controlled triac system.

Price for ventilating one pig

Pigs 30 - 115 kgs Euro per KWH 0,10

	Triac		Frequency control		PM motor	
	Kwh	€	Kwh	€	Kwh	€
Murmansk, Russia	5,74	0,57	2,77	0,28	1,16	0,12
Copenhagen, Denmark	5,23	0,52	2,56	0,26	1,05	0,11
Buchuresti, Romania	10,10	1,01	4,67	0,47	1,75	0,18

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