

BLUEFAN DA 1700

- HIGH PERFORMANCE • ENERGY EFFICIENT
- INTELLIGENT DESIGN • LONG DURABILITY

BLUEFAN – THE NEXT GENERATION OF WALL FANS

We have more than 20 years of experience in developing ventilation solutions and designs for livestock houses. We have always focused on developing high-quality systems to ensure that the animals have the best possible conditions, as well as keeping energy consumption to a minimum. BlueFan combines our knowledge and experience.

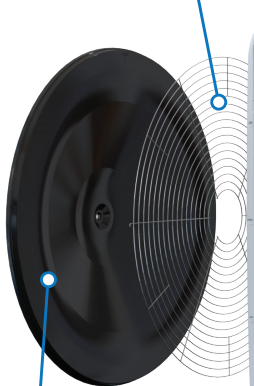
- Low power consumption
- No noise when the shutter opens
- Easy to install and clean
- Full accessory program
- Higher output – fewer fans needed
- Long durability – fully plastic housing and plastic wings
- Plastic and stainless steel – no rust and corrosion



PARTS

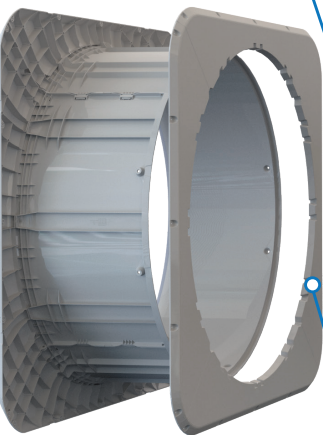
INSIDE SAFETY NET

Protection of livestock and people



INSULATION PLATE*

No heat loss when not in use



OUTSIDE COVER*

Close and nice transition to wall

MOTOR

The motor is a special SKOV design with optimum performance



DIRECT DRIVE

No use of belt between motor and wing



SHUTTER

Closes tightly – no leak between shutter and fan house

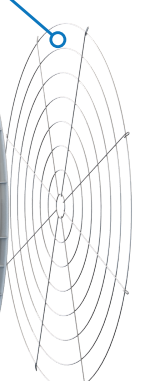


MOTORIZED SHUTTER

Possibility for emergency opening

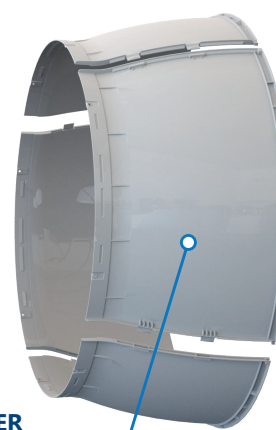
SAFETY NET*

No hazard zone in front of the fan



KNOCK DOWN

Large parts supplied as knock down – low transport volume



* Optional accessory



For more information

seccointernational.com



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BESS LAB PERFORMANCE TESTS

BlueFan has been tested at BESS Lab, which is a research, product-testing and educational laboratory in Illinois, USA. BESS Lab provides performance test results for agricultural ventilation fans and has tested the different variants of BlueFan, which has resulted in 24 test reports. Below, you see some of the impressive test results from BESS Lab. The figures are for 3x400V, yet other variants are available. Please visit BESS Lab for more information.

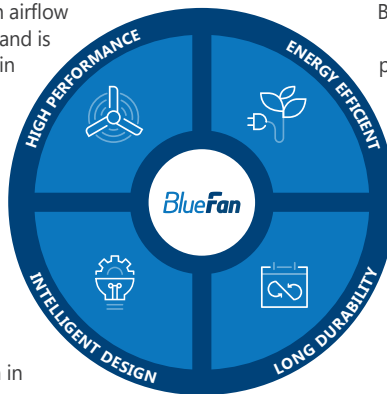
	Airflow		Energy consumption		Maximum negative pressure	Airflow ratio	BESS Lab test #
	CFM	m ³ /hr	CFM/Watt	W/1 000 m ³ /hr	Pa		
DA 1700-4 LPC	20 900	35 500	25.3	23.0	50	0.72	16803
DA 1700-5 LPC	27 400	46 600	21.3	28.0	80	0.82	16799
DA 1700-6 LPC	34 300	58 400	17.8	33.0	100	0.88	16800
DA 1700-7 ON/OFF	31 200	53 600	16.3	36.0	100	0.88	16819
DA 1700-8 ON/OFF	33 800	57 500	15.1	39.0	100	0.88	16820

Note: Above figures @ 0.15" H₂O or 37 Pa

SUMMATION

BlueFan combines a minimum power consumption with a high airflow ratio. The airflow ratio defines the pressure stability of the fan and is a determining factor for creating optimum climate conditions in the livestock house.

BlueFan is optimized as a high-performance unit ensuring optimum airflow and is designed with an extremely airtight motorized shutter system. The shutter system ensures a uniform temperature at the fan end. It will save your costs for extra heating as no cold air will get into the house. Compared to competing fans on the market, BlueFan is very quiet when in operation.



BlueFan operated with Dynamic MultiStep, uses much less power to exhaust air from livestock houses and provides you the most pressure-stable and energy-efficient solution on the market. This lowers the utility bill and ensures you a fast ROI.

The fan is made of thermoplastics and stainless steel, so it stands in the harsh environment of a livestock house. The fan has a direct drive meaning that the wings are directly driven, and no adjustment and maintenance of belts is needed. The motor and controller are separated, making service and replacement less expensive.

FACTS IN NUMBERS

In order to provide our customers with the best solutions, our products are tested in laboratories and test centres as well as livestock house tests before they are released for sale. BlueFan has been tested on several farms worldwide and the results were very convincing. On top of being less noisy than other fans and closing completely tight when not in operation, we have observed energy savings up to 70%.

For more information

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