

BLUEFAN BF 55

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

HIGH-PERFORMANCE 55" WALL FAN

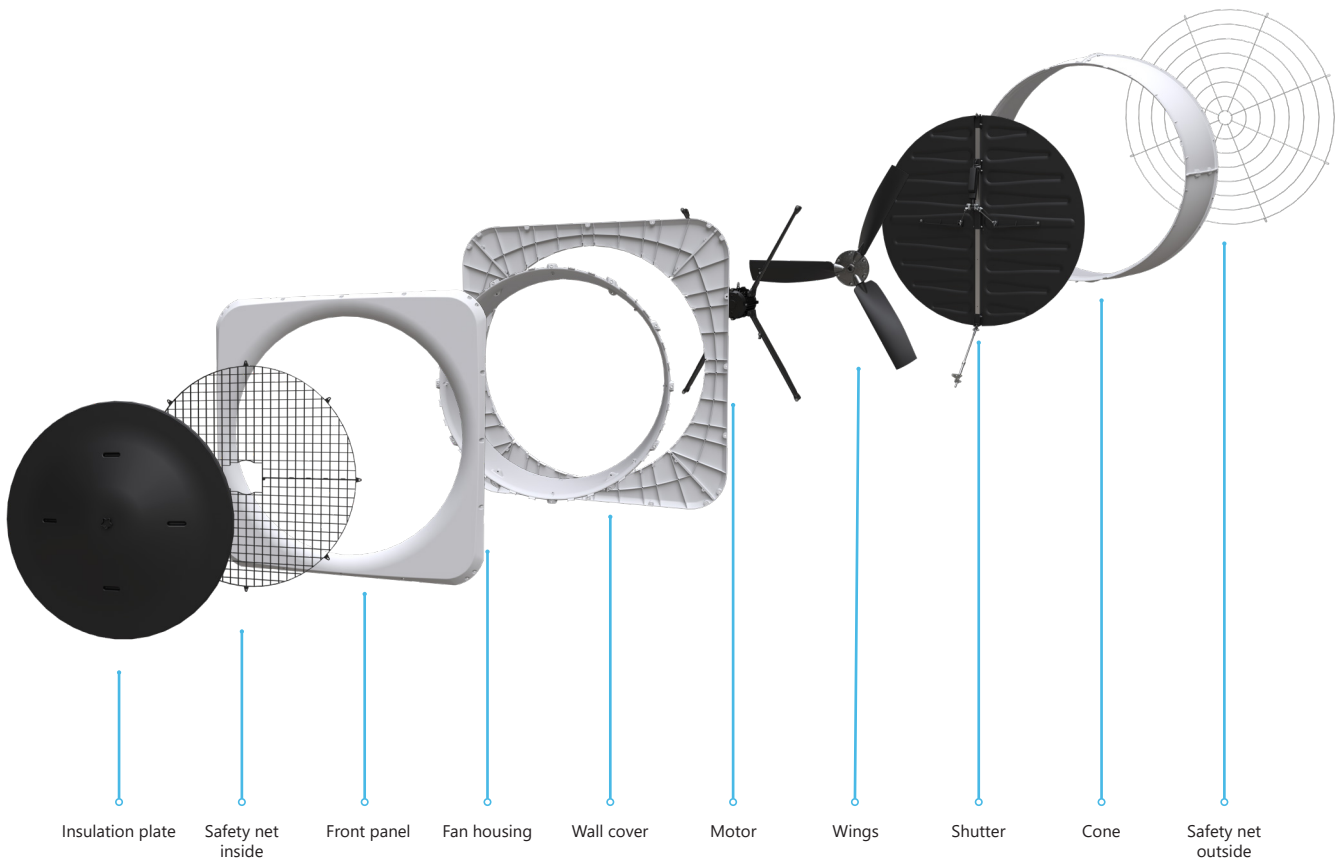
The BF 55 wall fan is a high-performance 55-inch flange fan ideal for barns requiring large air volume and high-pressure stability.

The fan has a direct drive, meaning that the impeller is connected to the motor shaft. As a result, no belt adjustment and maintenance are required. The motor-controlled shutters of the fan ensure optimum climate and welfare in the barn.

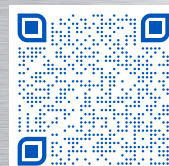
- Higher output, fewer fans needed
- Maximum performance with little power usage
- Airtight shutter and well-insulated - no draft or false air intake
- Plastic and stainless steel - no rust and corrosion
- Capacity up to 68,000 m³/hour
- Pressure stable - troublefree in windy areas



PARTS



For more information
skov-secco.com



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BESS LAB PERFORMANCE TESTS

BlueFan BF 55 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 BF 55. Below, you see some of the impressive test results from BESS Lab. Please visit BESS Lab for more information.

	Data @ 10 Pa / 0.05" H2O				Data @ 40 Pa / 0.15" H2O				Max pressure	BESS Lab test	
	Airflow		Specific energy		Airflow		Specific energy				
	m ³ /h @ 10 Pa	CFM @ 0.05" H2O	W/1000 m ³ /h @ 10 Pa	CFM/W @ 0.05" H2O	m ³ /h @ 40 Pa	CFM @ 0.15" H2O	W/1000 m ³ /h @ 40 Pa	CFM/W @ 0.15" H2O			Pa
BF 55 LPC HF 400V3 50/60 Hz	62 100	36 300	30	19.4	55 300	33 000	37	16.2	100	0.40	22679/22680
BF 55 LPC-3 LE 230V1 50/60 Hz	50 300	29 200	22	25.6	41 300	24 800	31	19.6	80	0.32	22677/22678
BF 55 ON/OFF HF 400V3 50 Hz	65 100	37 900	35	17	56 300	33 600	44	14	100	0.40	22674
BF 55 ON/OFF AIR HF 400V3 60 Hz	57 700	33 961	38	15.64	51 400	30 253	45	13.11	100	0.40	24151

*All data with cone

OPTIMUM VENTILATION WITH REDUCED POWER CONSUMPTION

BF 55 Bluefan is used for Tunnel and Combi-tunnel houses for Side and Tunnel mode ventilation.

The fan is available in stepless (0-100%) variants and traditional ON/OFF variants. The stepless variations guarantee a 100% stepless system that consistently provides the appropriate air velocity to meet the animals' ventilation needs in the most effective way possible.

The BlueFan can be regulated according to the Dynamic MultiStep® principle. Dynamic MultiStep is unique in that the fans connect in steps until 50% of their output. The fans in the area are regulated up to 100% in parallel when more ventilation is needed, and all of the fans have been turned on and reached 50%.

BlueFan consumes less energy, and when combined with the Dynamic MultiStep control principle, the customer gets the most energy-efficient ventilation system on the market.



For more information
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