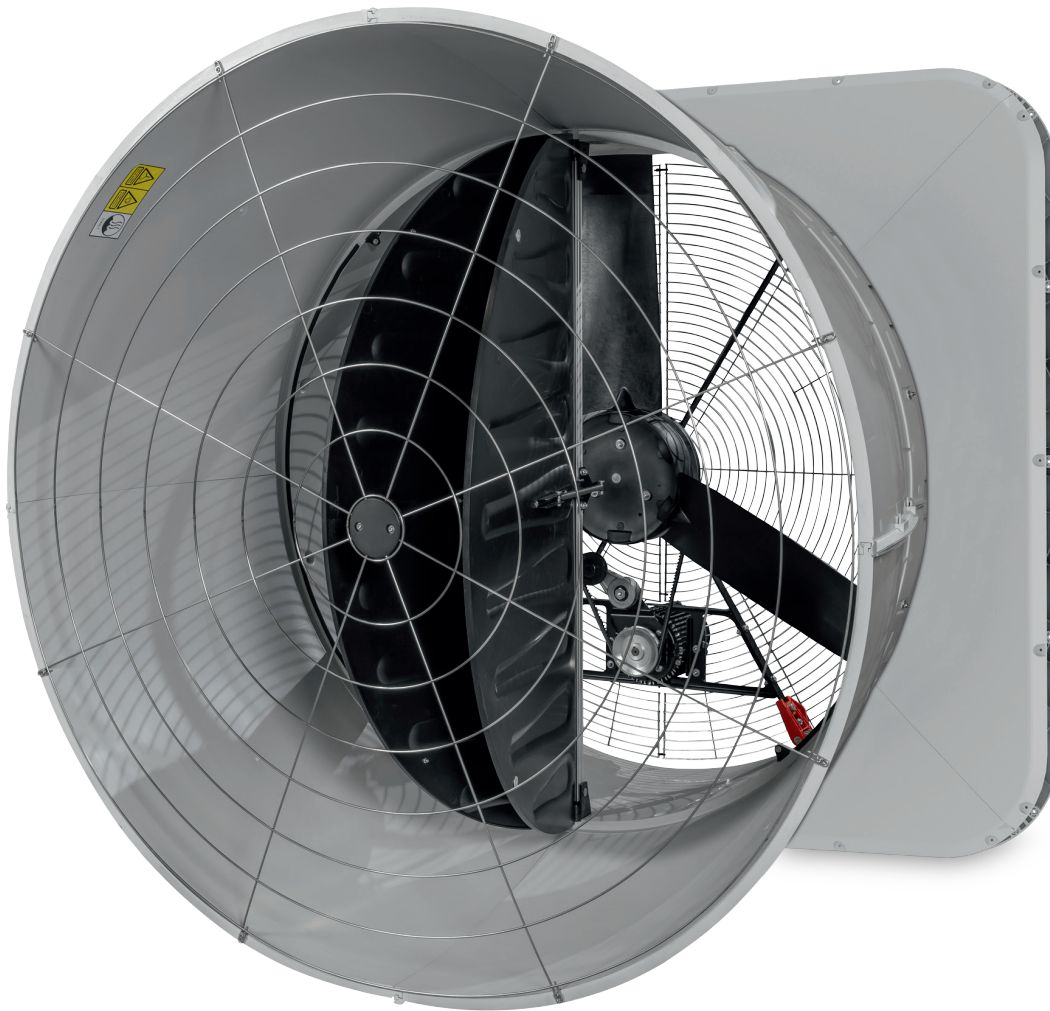




**NEW!**

**Big Dutchman®**



# **AirMaster Flex 140C**

High air performance, energy efficiency and flexible for all customer needs

# AirMaster Flex 140C

## High air performance, low energy consumption and good resistance to corrosion

AirMaster Flex 140C is a new cone fan that combines the best of two worlds. This fan model is equipped with a V-belt driven, high-quality and very efficient IE3 motor, which can be used with any type of power supply. Additionally, the housing and cone are made of a high-quality, corrosion-resistant plastic

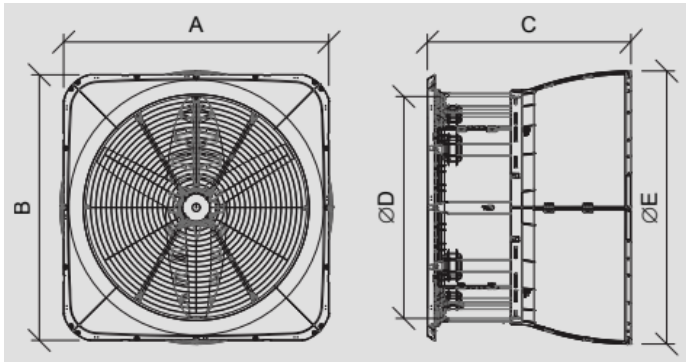
material. A very important feature is the optimized aerodynamic design of the intake nozzle. The exhaust air is removed from the barn without any turbulence, which leads to high air performance and low power consumption.

The motorized and well-insulated shutter is

completely airtight and therefore ideal for the colder season. An emergency opening can also be connected.

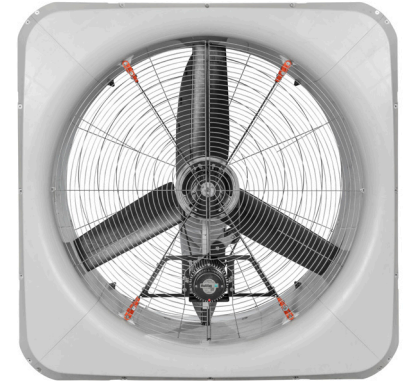
With a cone diameter of 1750mm, AirMaster Flex 140C is the largest fan of the Big Dutchman product range.

## Dimensions of the AirMaster Flex 140C



A = 1700 mm = 67"  
B = 1700 mm = 67"  
C = 1256 mm = 50"  
D = 1397 mm = 55"  
E = 1750 mm = 69"

The fan must be equipped with a wire mesh guard in front of the shutter where it is installed at a height of less than 2.70 m and accessible for persons.



## Advantages

- high air performance
- resistance to pressure
- excellent aerodynamic design of the intake nozzle
- cost-efficient but high-quality IE3 motor that can be used with any type of power supply
- low noise level
- high-quality materials: fan made of polypropylene and stainless steel for corrosion prevention
- shutter closes airtight and is well-insulated and therefore ideal for the colder season
- an important emergency opening system can be connected
- good price to performance ratio
- long service life
- unassembled upon delivery for a low shipping volume and thus lower transport costs

## Technical data of the AirMaster Flex 140C

			Cubic Feet per Minute (CFM) at Static Pressure													
			0" S.P.		.05" S.P.		.10" S.P.		.15" S.P.		.20" S.P.		.25" S.P.		.30" S.P.	
Fan Model	BESS Lab Test #	Motor Hz	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt	CFM	CFM/Watt
<b>BD-Flex-140C-1-1.5 HP</b>	21306	60	31,000	24.6	29,400	21.8	27,600	19.3	25,500	16.9	23,500	15.0	21,400	13.3	18,200	11.4
<b>BD-Flex-140C-3-2.0 HP</b>	21308	60	31,000	26.1	29,300	22.8	27,500	20.1	25,400	17.5	23,300	15.5	21,100	13.7	18,200	11.9

Fans with other voltages and frequencies are available upon request.

Extensive testing of the BESS (Bioenvironmental and Structural Systems) Laboratory of the University of Illinois, USA, confirms efficiency and quality of the new AirMaster Flex 140C fan.



**Big Dutchman**

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Technical details are subject to change. 12/2021