AireGard
Life. Refreshed.

AirStream

The ultimate answer to heat stress



STORM SERIES

YOUR SPECIALIST IN AIR

The ultimate answer to heat stress

The AirStream has been specifically developed for dairy farming to reduce heat stress in cows from the very first signs. With an airspeed of at least 2 m/s, this fan provides powerful and targeted cooling up to 18 meters in length and 5 meters in width. This helps maintain milk production during hot summer days, ensuring a return on investment within just a few years!

This powerful airflow also offers significant benefits for industries beyond dairy farming. Improve comfort during hot days or reduce cooling times in production processes.



Why choose this fan

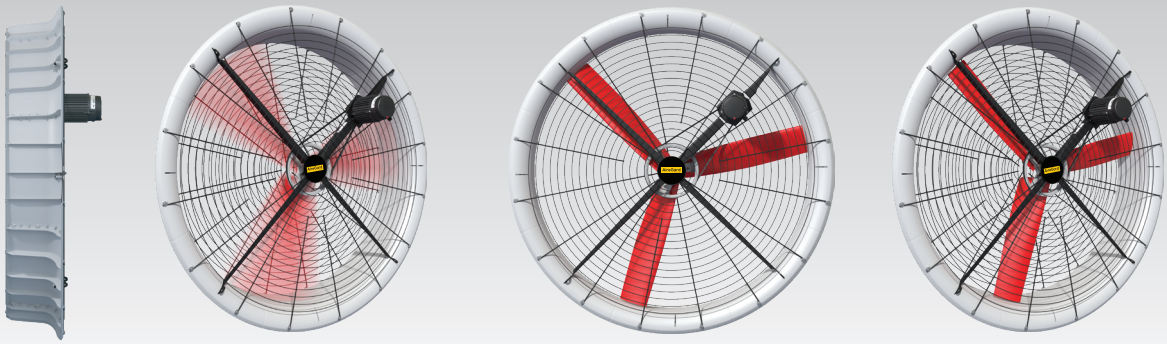
- Most powerful circulation fan in our range
- Fast return on investment
- Easy installation using chains low-maintenance design
- Durable materials for long lifespan
- Low noise levels for a peaceful working environment
- 3-year warranty on the motor

Options:

- Agriculture: Dairy, Pigs, Poultry
- Greenhouses
- Industry

Features

- Diameter of 150 cm for maximum airflow
- High air output up to 48.500 m³/h
- Throw up to 25 meters at 2 m/s
- Two versions: High Efficiency and High Performance
- Energy-efficient: 17,2 Watts per 1.000 m³/h
- Low noise levels: 55 dB(A) at 7 meters, 66 dB(A) at 2 meters
- IP55 motor (water and dust resistant)
- Intuitive design for easy installation



AireGard AirStream High Performance

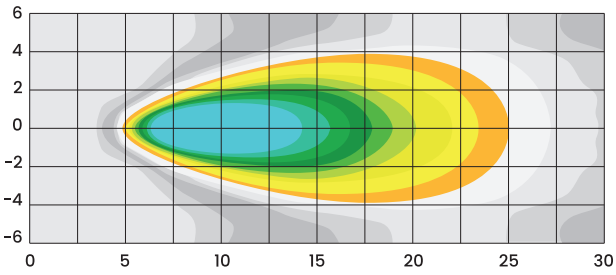
Technical Data Three-Phase

ø(cm)	Power Supply			(n) RPM	P_{in} (w)	I_{nom} (A)		Q_v (m³/h) AMCA 230-99	Q_v (m³/h) AMCA 230-23	Throw (m)**	SFP @0Pa (W/1000m³/h)	dB(A) ***	Control Options ****
	~	V (Δ / Y)	Hz			Δ	Y						
150	3	230/400	50	420	1000	3,4	2,0	68.100	48.150	25	20,8	55	F

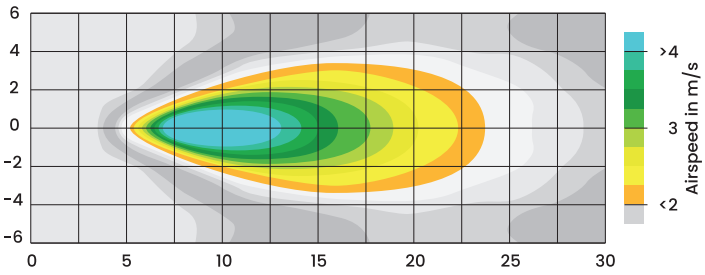
* High Efficiency (HE), High Performance (HP).
** The throw is the distance at which the airspeed is still 2 m/s. (Measured in a space without obstacles, with a free space of 2.7 m below the fan and at an angle of 20°).
*** Noise levels are calculated at 7 meters in free air throw conditions.
**** Adjustable by Transformer (T) or Frequency Control (F).

Airflow profile

High Performance

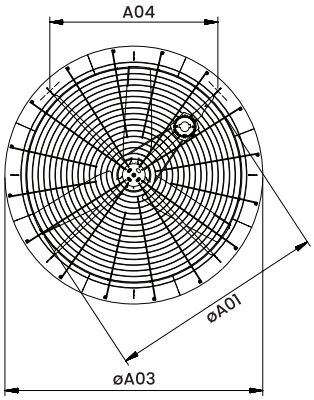


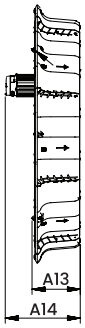
High Efficiency



The throw of the Multifan AirBreeze has been measured by our R&D department according to the LFL measurement methodology (Bayerische Landesanstalt für Landwirtschaft). The fans were mounted at a height of 2.7 meters at a 20-degree angle.

Dimensions (mm)





A01	1.524
A03	1.810
A04	1.180
A13	339
A14	Max. 536

Fan-to-fan distance recommendation

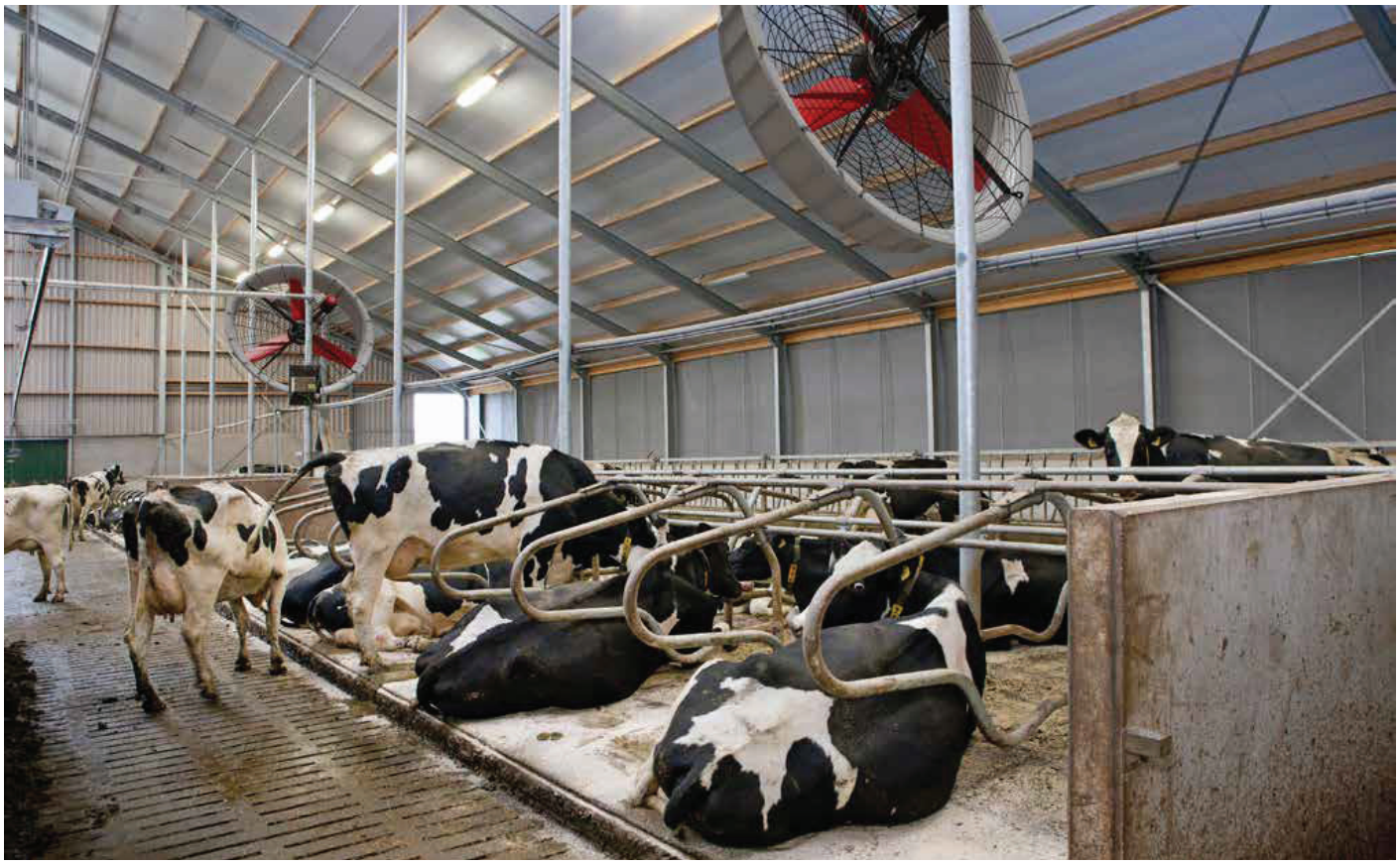
High Efficiency	15 meters *
High Performance	18 meters *

* This product is specifically designed for dairy farming. To prevent heat stress in dairy cows, a minimum airspeed of 2 m/s is required. For double-row stalls, this airflow must cover a width of 5 meters. Based on this requirement, the maximum spacing between fans has been determined. In other situations, different spacing may be needed.

Save more energy

The standard AirStream is also available in extra energy efficient models. With the MFD frequency controller, fan speed can be continuously adjusted. Reducing the speed by 20% cuts energy consumption in half.

To protect sensitive electronics in the controller, it is housed in a separate IP65-rated enclosure, ensuring reliable performance even in extreme environments.



Distributed by:

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