

Multifan



Vostermans
Ventilation



Dairy Fan

Vostermans Ventilation introduces a highly effective, **DAIRY FAN**. The modern, highly productive dairy cows need to be served with optimal climatic conditions all year round. Certainly in summer times, in confined spaces/buildings, the temperature can easily rise to a too high level. Above 22-25°C the cows start reducing their feed intake, need energy to get rid of the excessive heat production and therefore start losing the usual high milk production levels.

Unique advantages

With the **DAIRY FAN** Vostermans introduces a solution to prevent these problems.

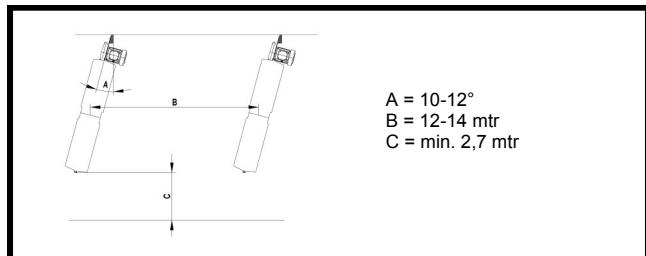
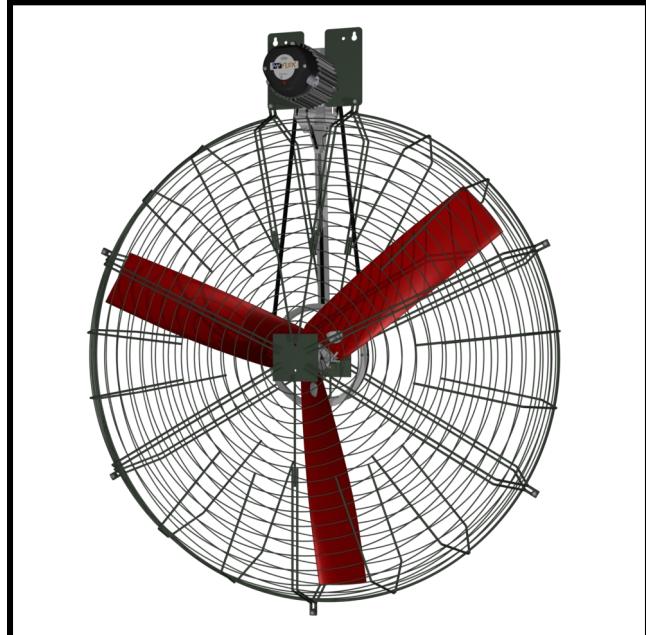
The fan creates fresh air around the animals, so that heat stress problems can be solved.

There are no blind areas in the house, because the air circulates which equalizes the climatic situation in the house as well.

An extra advantage is the reduction of flies around the cows.

The low noise level of the fan provides a calm environment.

The fan is resistant to the aggressive conditions in the building (the ammonia level can be very high in dairy houses).



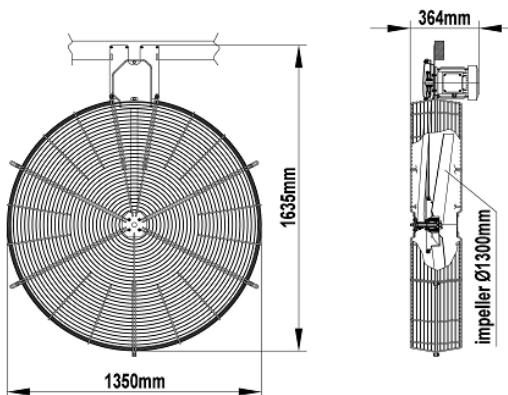
The **DAIRY FAN** is based on the biggest fan in the program of Vostermans Ventilation (the Multifan 130), with a size of 130 cm, which results in a very high air volume: 48.500 m³/h at 0 Pa. The dairy fan combines a high throw of 146 m and a high efficiency (26,2 Watt/1.000 m³/h).

Generally it is advised to install a fan every 12-14 meters. However the number of rows and fans needed in the building depends on the density, construction and utilization, as well as on local climatic conditions. The low noise level of the fan enables a calm environment.

For security reasons the 3-blade fan is provided with a basket on both sides. The unit is very easy to install at the truss of the building. Because of the special belt, a belt-tightener is not necessary. The fan has a 1 year warranty.

Technical data:

Impeller diameter	1300 mm
Voltage/frequency	400V/50Hz
Amperage	2,8A
Power consumption	1,3 kW
Fan speed	550 RPM
Capacity at 0 Pa	48.500 m3/h
Specific efficiency	26,2 W/1000 m3/h
Efficiency	64,6%
Weight	45 kg



Box dimensions:

Guards	1430x1430x225 mm
Motor	1140x510x380 mm

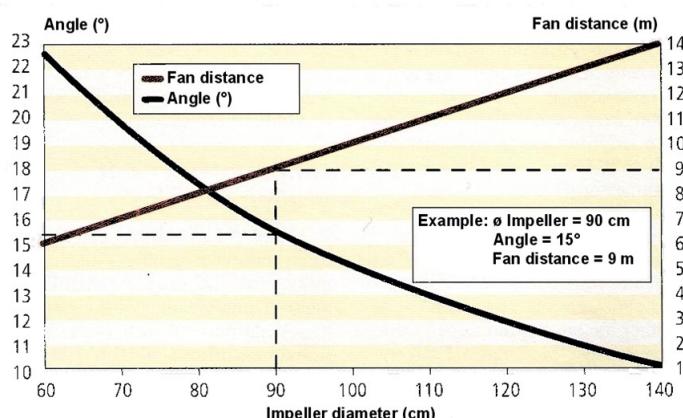
Other voltages and frequencies are available on request.

Option:

Fastening set (2 chains, 7 meter/each and fastening hooks)

Facts

- High level of air movement: 48.500 m3/h at 0 Pa
- High throw: 146 meter
- Frequency and transformer controllable
- Various alternative layouts with fans possible
- Simple, easy-to-use, construction
- High efficiency: 26,2 Watt/1000 m3
- Low noise level 67 dB(A)



Benefits

- Less heat stress for dairy cows
- Higher milk production results
- Limited disturbance in the building
- Easy to manage at low costs
- Limited pay back time
- Improved air circulation and distribution
- Easy installation and maintenance
- High durability (1 year warranty)

Vostermans Ventilation develops, manufactures and distributes the full line of:



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