



## 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 72°F - 77°F 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.

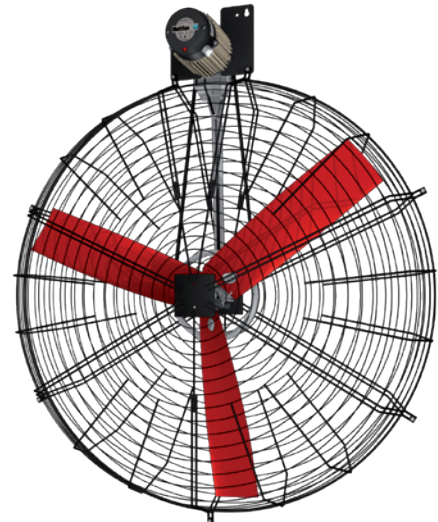
### Unique advantages

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 has a very high air volume: 28,200 CFM at 0 S.P. The Dairy Fan combines a high throw of 479 feet and a high efficiency (22.1 CFM / W). Generally it is advised to install a fan every 39-45 feet. 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, the motor has a warranty of three years.

### Facts:

- High level of air movement (up to 28,200 CFM at 0 S.P.)
- High throw: 479 feet
- Frequency and transformer controllable
- Various alternative layouts with fans possible
- Simply, easy-to-use, construction
- High efficiency: 22.1 CFM / W
- Low noise level 67 dB(A)



### Advantages:

- 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 on the fan  
3 year warranty on the motor



# Technical information

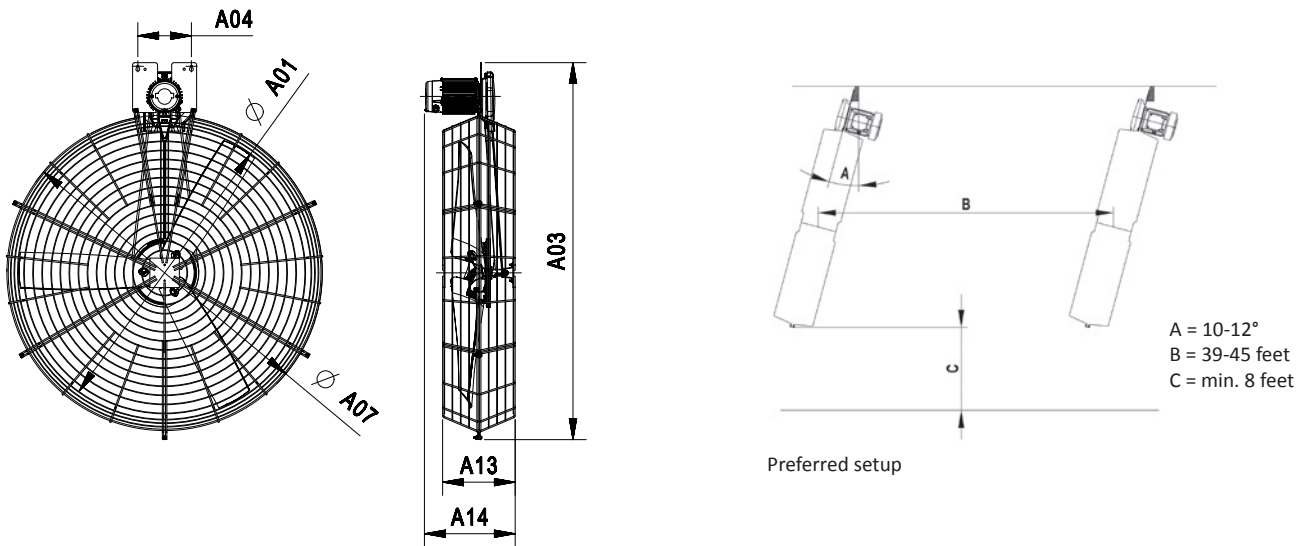
		Partnumber	I <sub>nom</sub>	I <sub>max</sub>	P <sub>in</sub>	Q <sub>v</sub> at 0 S.P. *	SFP at 0 S.P.	Controllability**	L <sub>pa</sub> ***	Throw	Weight	Dimensions packaging (l x w x h)
	∅ inch		(A)	(A)	(W)	(CFM)	(CFM/W)		dB (A)	(feet)	(lbs)	(inch)
1~240V 60 Hz	515 RPM	K4E1311M11100	5,8	-	1280	28,200	22.1	-	67	479	88.8	44.7 x 12.2 x 14.7
3~240/420V 60 Hz		K4D1311M11100	4,0 / 2,3	4,0 / 2,3	1200	28,000	22.9	T/F	67	479	88.8	44.7 x 12.2 x 14.7

- \* Electrical and air technical data are based on measurements with CE wireguards; measurements are performed according AMCA 230-99.
- \*\* Controllable by Transformer (T) or Frequency controller (F).
- \*\*\* Sound pressure level measured at 23 feet free blowing distance.

## Option:

Fastening set (2 chains, 23 feet/each and fastening hooks)

## Dimensions



Dimensions (inch)						
∅	A01	A03	A04	A07	A13	A14
50"	50.6"	65.4"	9.3"	54.7"	12.6"	15.7"



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