

Commercial offer for the supply of fans



Specific features:

- motor (IP55) on permanent magnet (3 years warranty);
- Silent, noise level only up to 38 dB (in case of standard 380V electric motor the noise level is around 70 dB);
- Each fan comes with individual control panel (IP66), allowing you to turn on, turn off and change the rotation frequency (speed) in the manual mode, depending on the surrounding conditions.
- Comes with a special kit for attaching the fan to the beam (brackets, hooks, cables, fasteners).

Blades diameter, m	Number of blades, pc.	Mixed air capacity (m3/hour)	Voltage V/ Frequency, Hz	Weight, kg	Drive power, kW	Rpm
3	5	4,000 m3/min (or 240,000 m3/hour), serviced contacted area 120 m2 (coverage area – 8-12m)	380 / 50	45	0,37	Up to 120
3.7	5	5,000 m3/min (or 300,000 m3/hour), serviced contacted area 230 m2 (coverage area 9-14m)	380 / 50	49	0,37	Up to 100
4.3	5	7,000 m3/min (or 420,000 m3/hour), serviced contacted area 256 m2 (coverage area 12-18m)	380 / 50	58	0,75	Up to 90
5	5	10,000 m3/min (or 600,000 m3/hour), serviced contacted area 300 m2 (coverage area 12-20m)	380 / 50	62	0,75	Up to 80
6.1	6	11,500 m3/min (or 690,000 m3/hour), serviced contacted area 600 m2 (coverage area 20-25m)	380 / 50	99	1,1	Up to 65
6.7	6	12,000 m3/min (or 720,000 m3/hour), serviced contacted area 650 m2 (coverage area 20-28m)	380 / 50	103	1,1	Up to 60
7.3	6	13,000 m3/min (or 780,000 m3/hour), serviced contacted area 700m2 (coverage area 20-28m)	380 / 50	107	1,1	Up to 55



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Fan mounting kit



Motor
on permanent magnets



Control unit



Commercial offer for the supply of vertical accelerating fans



Characteristics:

- ✓ Electric motors 0,37 and 0,41 kW
- ✓ Direct drive of the shaft of the fan
- ✓ Blades material – stainless steel, thickness 1 mm.
- ✓ Body material – plastic

At temperatures above +20-25 C° cows typically start to eat less and require additional energy in order to give off excess heat. This results in a decrease of milk yield. For the purpose of increasing those it is needed to create a special microclimate in a cowshed throughout the whole year.

Our fan's special feature is **a synchronous motor on permanent magnet**, which favorably distinguishes it in comparison to the fans on belt drives. As a result, such fan shows maximum efficiency. By the way, one more advantage of our fans is lack of need of belts replacement. Without any doubt, beltless transmission has positive effect on structural safety. Besides, it ensures lack of additional vibrations and loads. It has a result in lower energy costs. Thus, you will obtain more profit from your farm. Fans for cowsheds also usually ideally integrate with a water spray system. This combination copes especially well with cows' heat stress.

Blade diameter, mm	Number of blades	Power, kW	Sizes, cm	Voltage, V / Frequency, Hz	Rotation speed, rpm	Productivity, m3/h	Noise level, dB
1000	4	0,37	112x30	380 / 50	700	27 000	<70 dB
1200	5	0,41	138x30	380 / 50	700	40 500	<71 dB

