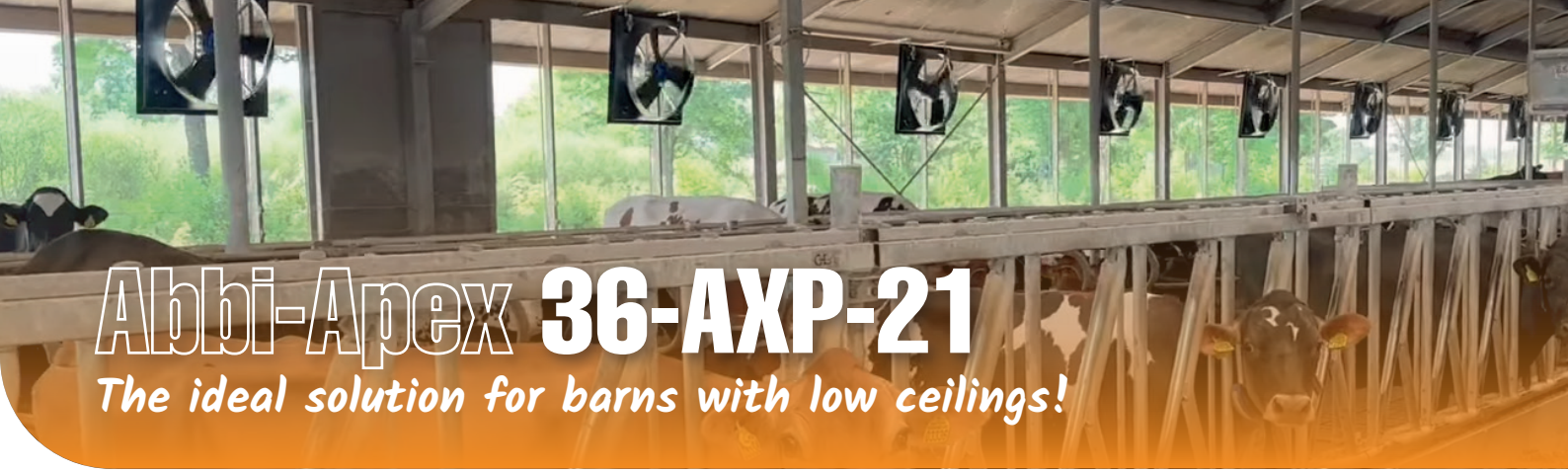

Abbi-Apex 36-AXP-21

The ideal solution for barns with low ceilings!

The Abbi-Apex 36-AXP-21 is designed explicitly for barns with lower ceilings. With this smaller model in the XP series we can offer you a comprehensive range of energy-efficient fans to meet the ventilation needs of every dairy farm.

The highly energy-efficient Abbi-Apex 36-AXP-21 uses only 5W/0.2A at its lowest speed setting (100 rpm)! The fan is equipped with the same direct drive motor and controller technology as the Abbifan 140-XXP-21. The orifice panel and the propeller are also manufactured using the same principles.
The electronic speed control also comes with a 2-plug contact connection (plug and play) for fast and easy installation of the supplied power and control cables.

YOUR ADVANTAGES

- Minimal air resistance with aerodynamic orifice panel made from recyclable synthetic
- Highly compact DC motor with built-in electronics or precise rotational speed control
- Direct-driven propeller; no slipping
- No maintenance and no wear parts
- Curved propeller blades generate consistent airflow
- Fully controllable with the Abbi DCC-Vision

PRODUCT SPECIFICATIONS

Motor:	EC DC motor with permanent magnet
Voltage:	400V/3-phase
Frequency:	50/60Hz
Max. energy consumption:	391W
Max. current:	0.8A
Electronic speed control:	0-10V control signal
Propeller rotational speed:	max. 580rpm
External dimensions:	112x39.5x112cm 44"x15.5"x44"
Fitting dimensions:	103x39.5x103cm 40.5"x15.5"x40.5"
Propeller diameter:	90cm / 35,4"
Weight:	26kg / 57.3lbs

Throw length and throw width

Throw length [m]	Throw length [ft]	Air velocity [m/sec]	Air velocity [ft/sec]	Throw width [m]	Throw width [ft]
3.00	9.84′	4.8	15.75′	1.50	4.92′
6.00	19.69′	3.2	10.50′	3.00	9.84′
12.00	39.37′	1.9	6.23′	7.00	22.97′
15.00	49.22′	1.2	3.94′	7.00	22.97′

Abbi-Apex 36-AXP-21 energy consumption

Ventilation capacity [%]	Control signal [Vdc]	Rotational speed [rpm]	Energy consumption [W]	Current [A]
100	9.8	580	391	0.8
75	7.5	475	224	0.5
50	5.3	360	109	0.3
25	3	238	38	0.2
10	1.6	163	19	0.2