

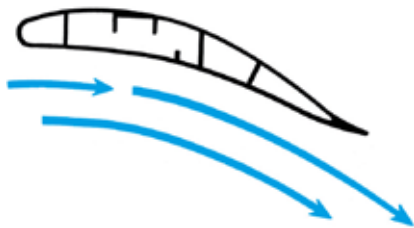
Abbi PV-A Ceiling fans

Abbi PV-A Ceiling fans come equipped with a direct-drive, permanent-magnet motor. The rotor is fitted directly onto the motor's shaft, so additional transmissions are no longer needed. This leads to far less energy loss and ensures slipping is a thing of the past!

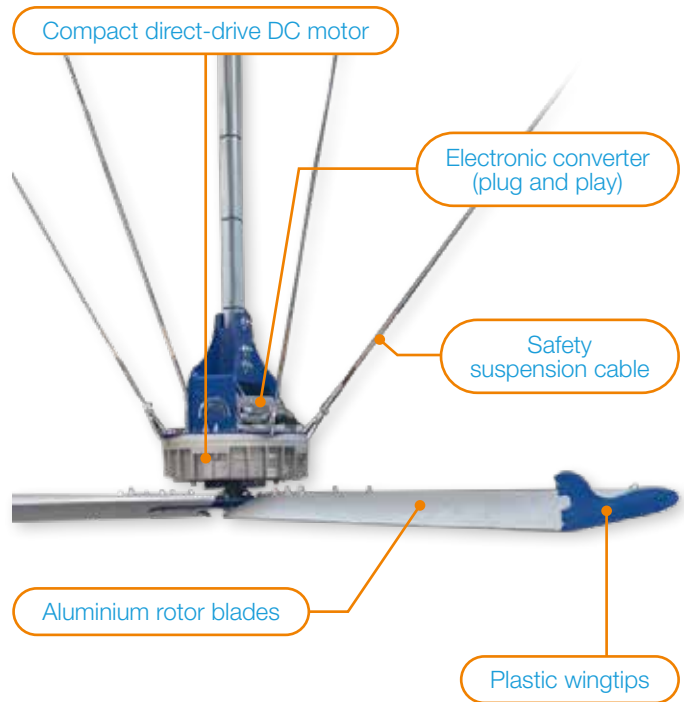
The aluminium rotor blades are designed to create a downward airflow.

The connections and controls are the same as those used for the Abbifan and the Abbi-Apex fans. As this modern drive technology makes the use of frequency controllers completely redundant, other electronic systems in your barn, such as cow recognition systems and DECT telephony are not disrupted in any way by the Abbi fans!

The fans come with safety suspension cables. The rotor blades are secured by a reinforced rotor blade hub.



Specially formed rotor blade for downward airflow



YOUR ADVANTAGES

- Extremely energy-efficient due to the latest direct drive motor technology and minimal air resistance
- DC motor with built-in electronics for precise rotational speed control
- Direct-drive motor, so no slipping
- Always a suitable type for your barn
- Enormous capacity thanks to extra wide rotor blades
- Almost silent due to low rotational speed
- Fully controllable with the Abbi DCC-Touch

PRODUCT SPECIFICATIONS

Motor:	EC DC motor with permanent magnet
Voltage:	400V/3-phase
Frequency:	50/60Hz
Electronic converter:	0-10V control signal (EMC)
Number of rotor blades:	5 (aluminium)
Mounting height:	4 - 6.5m
Safety:	Suspension cables and reinforced rotor blade hub

Other specifications per type	PV2500-A	PV3000-A	PV4000-A	PV5000-A	PV6000-A	PV7000-A
Rotor diameter [mm]	2,500	3,000	4,000	5,000	6,000	7,000
Energy consumption at max. setting [W]	792	834	840	806	946	793
Current [A]	2	2.23	2.15	2	2.4	2.1
Rotational speed at max. setting [rpm]	210	160	100	80	66	50
Sound level [dB(A)]	60	60	55	45	45	45
Weight [kg]	82.5	86	94	113	132	140
Capacity* [m³/h]	210,000	310,000	370,000	530,000	670,000	890,000
Max. distance between fans in the barn [m]	7,5	9	12	15	18	21

* Measured at 4.5 metres above floor level