

Coolibri fan

Series SYNCRO II



Proven efficiency and high reliability

Equipped with Super Premium Efficiency IE4 Nord brand motors, they achieve maximum energy efficiency thanks to the high integrated technology.

Developed for a constant strong work, they exploit the advantages of a proven system with permanent magnet synchronous motor, coupled in a shaft with the reduction gear at 97% efficiency.

The Syncro fan is currently the product with the highest energy saving on the market, equal to 30% compared to an asynchronous IE3.

Five-blade impeller in 6063 T6 aluminum with possibly customizing the diameter on 2021 profile.

Syncro II	4 m	5 m	6 m	6,5m
Absorbed power	1,00 kW	1,25 kW	1,85 kW	1,70 kW
Current consumption	2,5 A	2,8 A	4,2 A	3,8 A
Working voltage	400 V - 3 ph	400 V - 3 ph	400 V - 3 ph	400 V - 3 ph
RPM speed	150	122	105	97
Air thrust speed	3,5 m/s	3,3 m/s	3,1 m/s	3,0 m/s
Coverage – ground diameter *	12 m	15 m	18 m	19,5 m
Volume	156'000 m ³ /h	234'000 m ³ /h	321'000 m ³ /h	364'000 m ³ /h
Nr. of blades	5	5	5	5
Optimal height from the ground	400 cm	500 cm	600 cm	650 cm
Optimal distance over the blade	100 cm	150 cm	200 cm	250 cm
Single blade length	185,8 cm	235,8 cm	285,8 cm	310,8 cm
Total fan width	400 cm	500 cm	600 cm	650 cm
Total fan height	52 cm	52 cm	64 cm	64 cm
Single blade weight	3,3 kg	4,1 kg	5,0 kg	5,4 kg
Motor body weight	36,9 kg	36,9 kg	49,9 kg	49,9 kg
Total fan weight	53,2 kg	57,5 kg	74,7 kg	76,7 kg

* in optimal condition of installation

