



Coolibri fan

Series SPINBOY II

Versatility of use and compact technology

The weight, the small size and the particular clamping make it the ideal solution for all those situations where space is limited or where it is necessary to direct the air thrust horizontally.

Without giving up the advantages of technological innovations offered by the permanent magnet synchronous motor:

- assembled in a single cast aluminum, it guarantees an IP65 degree of

protection suitable for any work environment;

- a high energy efficiency of 15%, compared to an equal IE3;
- extreme silent, due to the absence of reducer and mechanical friction;
- communication with control unit, also available via Modbus RTU 485 protocol, for a complete managing control level of the fan.

Five-blade impeller in 6063 T6 aluminum, with the possibility of a customizable diameter 2021 profile.

Spinboy II	2 m	2,5 m	3 m	4 m
Absorbed power	780 W	850 W	600 W	420 W
Current consumption	1,8 A	1,9 A	1,6 A	1,3 A
Working voltage	400 V - 3 ph	400 V - 3 ph	400 V - 3 ph	400 V - 3 ph
RPM speed	350	260	170	107
Air thrust speed	5,6 m/s	4,9 m/s	4,4 m/s	3,1 m/s
Coverage – ground diameter *	-	7,5 m	9 m	12 m
Coverage – distance of action	8 m	10 m	12 m	-
Volume	63'000 m ³ /h	87'000 m ³ /h	112'000 m ³ /h	139'000 m ³ /h
Nr. of blades	5	5	5	5
Optimal height from the ground	300 cm	300 cm	350 cm	400 cm
Optimal distance over the blade	50 cm	50 cm	50 cm	100 cm
Single blade length	85,8 cm	110,8 cm	135,8 cm	185,8 cm
Total fan width	200 cm	250 cm	300 cm	400 cm
Total fan height	39 cm	39 cm	39 cm	39 cm
Single blade weight	1,7 kg	2,1 kg	2,5 kg	3,3 kg
Motor body weight	39,7 kg	39,7 kg	39,7 kg	39,7 kg
Total fan weight	47,9 kg	50,1 kg	52,2 kg	56,1 kg

* in optimal condition of installation

