

Technical Data Sheet

CODE 61087

NORDIK HVLS SUPER BLADE 300/120" E L

Industrial ceiling fans



Certifications

TECHNICAL AND PERFORMANCE DATA

Frequency (Hz)	50-60	Voltage (V)	200-480
Max absorbed power (W)	725	Weight (Kg)	70
Max ambient temperature for continuous operation (°C)	50	Max airflow (m ³ /h)	280.000
No of blades	5	Max RPM	150
Nominal current (A)	1,97	Min RPM	10
Nominal diameter (m)	3	Sound pressure at 5m calculated in free field Lp [dB (A)]	<60

DIMENSIONS

Diameter A (mm)	Ø3000
Size B (mm)	3310
Size C (mm)	3000

PER INFORMAZIONI:

Servizio al Cliente: tel +39 02 90699395 premendo 1 dopo messaggio registrato (consulenza su prodotti e impianti)

Pre & Post Vendita: fax +39 02 90699302

Email prevendita: prevendita@vortice-italy.com

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DESCRIPTION

- Nominal diameter of blades: 300 cm.
- Three-phase EC (brushless) motor, thermally insulated, able to grant lower energy consumptions ("E" version).
- Aero-foil blades made of extruded aluminium, equipped with winglets able to decrease the drag caused by wingtip vortices.
- Electronic board allowing power management and functioning control, with EMI/EMC filters to prevent risks of electromagnetic interference, housed in motor covers. The electronic board includes:
 - A ModBus RTU 485 communication port, allowing BMS integration,
 - An insulated analogic port allowing the fan speed regulation through the external potentiometer (available as optional) or through another 0-10 V signal working device.
 - Safety system integrated into the electronic board including protection against overcurrent, short circuit, overheating, overvoltage and under-voltage.
 - External Led light able to show possible product malfunctions.
- Steel sheet ceiling installation kit composed of rod (nominal length 3 m), a pair of brackets and relative metal parts, supplied as standard. This kit allows the correct and robust device mounting to the ceiling in the most common installation type.
- Optional kit consisting of a pair of rods, designed to allow greater axial stability. This kit is mandatory in case of:
 - Strong wind,
 - Risk of accidental collisions with machines or objects in motion near the ceiling fan,
 - Presence of birds,
 - Seismic zone installation or areas characterized by vibrations (ex. Industrial processes involving the use of hammers or industrial presses).
 - Adjustable speed through potentiometer or remote control unit (VORT T) able to handle up to 20 units (control units supplied as optional).
 - Motor protection class IP65.

ACCESSORIES



VORT T

Code 21137



POT

Code 12828



WP

Code 21197



USB-C

Code 21198