



VORTICE

vortice.com



ZOMER VENTILATIE



NORDIK HVLS SUPER BLADE SERIE

NIEUW

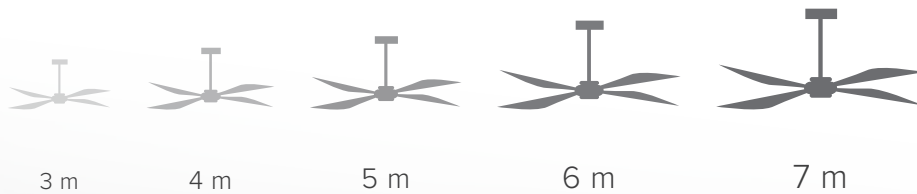


NORDIK HVLS SUPER BLADE SERIE

Industriële plafond ventilatoren

Een nieuwe serie HVLS (Hoog Volume Lage Snelheid) plafond ventilatoren, voorzien van EC motoren, met hoge prestaties, laag energieverbruik en lage geluidniveaus. Speciaal ontworpen voor energiebesparing in de winter of verkoeling in de zomer van grote ruimten.

GROTE diameters for grote ruimten, nominaal 5 Ø:



1. AEREODYNAMISCHE BLADEN:

Vervaardigd van geëxtrudeerd aluminium aerodynamisch geoptimaliseerd (vleugel profiel) en afgewerkt met eindstukken om ongewenste wervelingen te reduceren.

2. VORT T CONTROL UNIT:

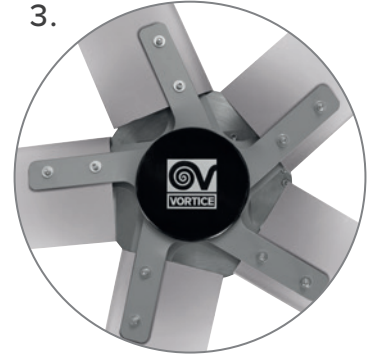
Automatische regeling **tot en met 10 ventilatoren**, afhankelijk van temperatuur en windsterkte.



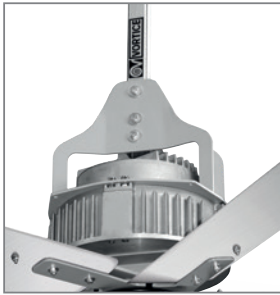
3.PRESTATIES:

Ultra groot luchtdebiet (**550.000 m³/h**) bij zeer lage snelheid voor geluidsarme werking.

3.



4.



Ontwerp en productie
Made in Italy.



4.EC MOTOREN:

Drie fase (EC borstelloze motoren), geïntegreerde thermische beveiliging; zeer hoge beschermklasse (IP65) bestand tegen stof en water.

5.INSTALLATIE:

Beugel en pendel worden meegeleverd.

6.REGELING:

Volledig regelbaar (0-10V signaal) motor met potentiometer of VORT-T regel unit. RS 485poort geïntegreerd in the motor regelaar voor bediening op afstand met GBS systeem (RTU modbus protocol).

APPLICATIONS

Summer use

As known, high temperatures and high levels of relative humidity limit environmental comfort, in some cases even compromising the productivity of the occupants. In normal conditions, the human body feels the need to release heat starting from environment temperatures above approx. 23°C. With respect to air conditioners, which reduce environment temperature, by accelerating the speed of the air that envelops the occupants, at equal temperature, the fans promote cooling by accentuating the transfer of heat by convection and due to evaporation of sweat.

Winter use

The hot air, which is less dense than cold air, concentrates in proximity of the ceiling giving rise to the phenomenon known as “stratification”. The use of fans able to push the hot air downwards leads to remixing (“de-stratification”), useful for overcoming the problem, guaranteeing significant savings in terms of less energy dissipation through walls and the roof and reduced caloric intake necessary to maintain adequate temperature levels at the level of the occupants.





NORDIK HVLS SUPER BLADE RANGE

Industrial ceiling fans

TECHNICAL DATA

CODE	MODELS	V~50/60HZ	Phase	MAX Power consumption W	MAX current A	RPM	MAX Airflow m ³ /h	Ø nom. m	Number of blades	Kg
61080	NORDIK HVLS SUPER BLADE 300/120"	200/480	1/3	600	1,43	160	310000	3	5	80.5
61081	NORDIK HVLS SUPER BLADE 400/160"	200/480	1/3	650	1,67	100	370000	4	5	88
61082	NORDIK HVLS SUPER BLADE 500/200"	200/480	1/3	850	1,97	80	530000	5	5	104
61083	NORDIK HVLS SUPER BLADE 600/240"	200/480	1/3	850	2,02	55	600000	6	5	111.5
61084	NORDIK HVLS SUPER BLADE 700/280"	200/480	1/3	900	2,12	38	650000	7	5	131.5



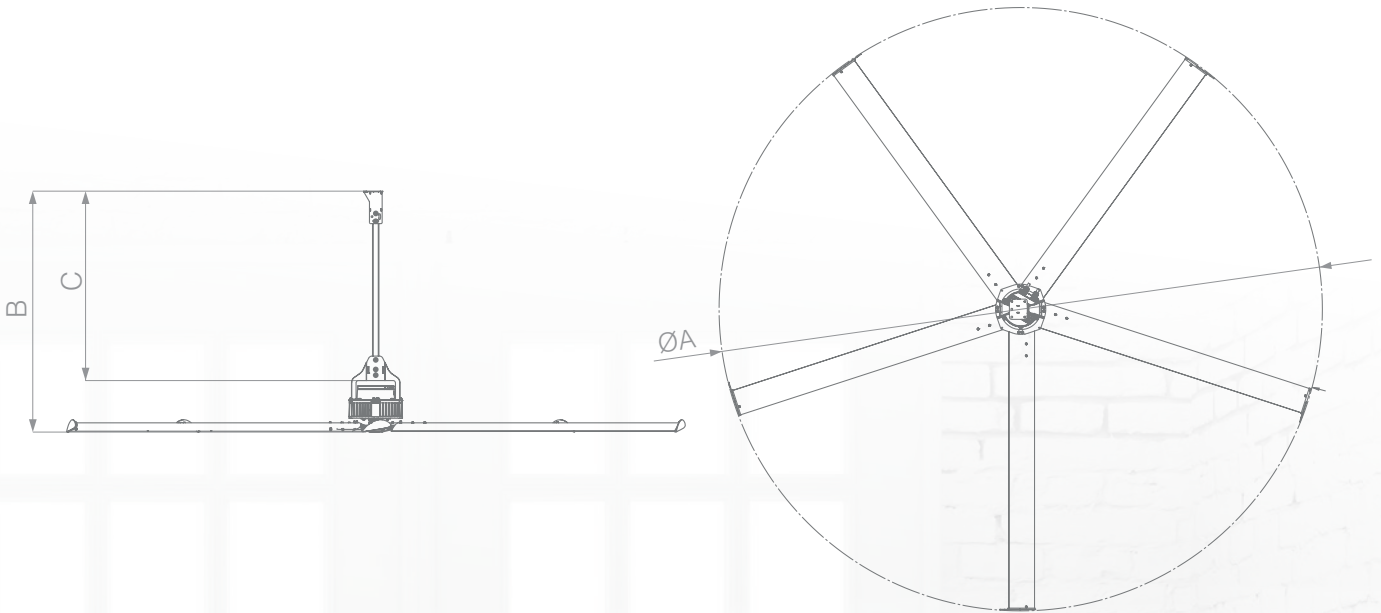
ACCESSORIES

CODE	MODELS	Descriptions
		Suspension tie-rods kit: Optional kit consisting of four of rods, designed to assure robust and safe installation.
21136	NHVLS - RD	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)
21137	VORT T	Control unit with LCD display, able to handle up to 10 units (control units supplied as optional).
12832	POT-I	0 - 10V potentiometer
12828	POT	0 - 10V potentiometer
21198	USB-C	Modbus USB converter for VORT T control unit, useful for the remote control and monitoring of the fan/fans through a personal computer
21197	WP	Additional external anemometer fot VORT T control unit, useful for the automatic control of the fan/fans in case of gusts of wind

DIMENSIONS

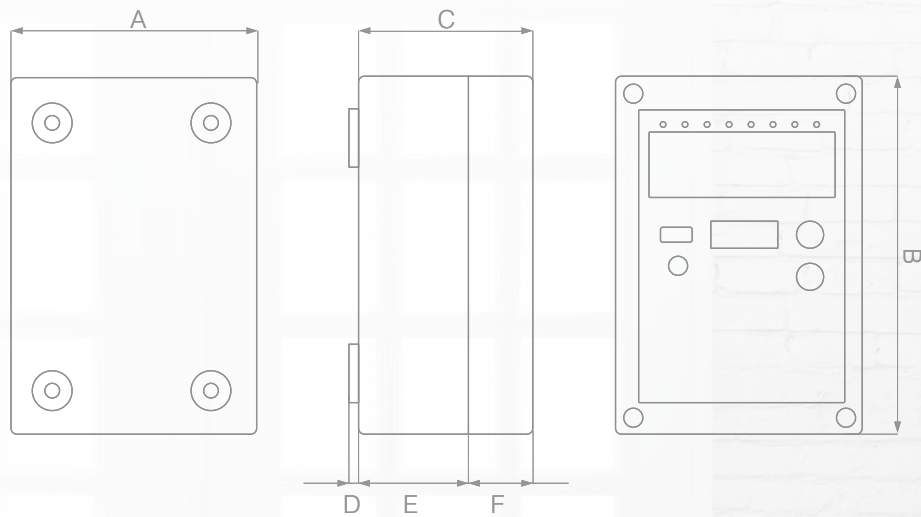
CODE	Ø A	B	C
61080	3000	1400	1000
61081	4000	1400	1000
61082	5000	1880	1500
61083	6000	1880	1500
61084	7000	1880	1500

Dimensions (mm)



CODE	A	B	C	D	E	F
21137	110	160	78	3	50	28

Dimensions (mm)



Vortice Elettrosociali S.p.A
Strada Cerca, 2
Frazione di Zoate
20067 Tribiano (Milano)
Tel. (+39) 02 906991
Fax (+39) 02 90699625
Italia
www.vortice.com

Vortice Limited
Beeches House-Eastern
Avenue Burton on Trent
DE13 0BB
Tel. (+44) 1283-49.29.49
Fax (+44) 1283-54.41.21
United Kingdom
www.vortice.ltd.uk

Vortice Ventilation System
(ChangZhou) Co.LTD
No. 388 West Huanghe Road
Building 19, ChangXhou
Post Code: 213000
China
Tel. (+86) 0519 88990150
Fax (+86) 0519 88990151
www.vortice-china.com

Vortice Latam S.A.
3er Piso, Oficina 9-B
Edificio Meridiano
Guachipelín, Escazú
San José, Costa Rica
PO Box 10-1251
Tel. (+506) 2201.6219
Fax (+506) 2201.6239
www.vortice-latam.com

