

## **CATALOGUE**

Residential, commercial & industrial

NEW





Our current Vortice Headquarters have been located in Tribiano (Milan) since 1972.

Vortice has achieved European market leadership by dedicating their efforts to the production of products for ventilation, climate control, heating, extraction, purification and the treatment of air, for domestic, commercial and industrial applications. Since 1954 Vortice has been synonymous with quality and excellence and continues to make significant improvements by investing in continuous research to improve the efficiency and quality of its products.

## VORTICE IN THE WORLD

ENGLAND



Founded in 1977, Vortice Limited is located at Burton on Trent in the East Midlands.

#### CHINA



Founded in 2012, Vortice Ventilation System is located about 200 Km from Shanghai.

#### SOUTH AMERICA



Founded in 2012, Vortice Latam in San Josè Costarica.



#### INDEX



#### **CEILING AND SUMMER VENTILATION**



#### RESIDENTIAL CEILING FANS

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## COMMERCIAL AND INDUSTRIAL CEIL

NORDIK® INTERNATIONAL PLUS-R RANGE \_\_\_\_\_ pag. 54 Ceiling fans IPX



#### ErP compliant

The ErP compliant logo indicates that the appliance is ecocompatible and adheres to the ErP directive 2009/125/CE.



The IMQ (Italian Mark Institute) mark certifies that the product is manufactured in compliance with the provisions of relevant established safety standards and directives.



The IMQ (Italian Mark Institute) denotes compliance with C.E.I. product performance regulations, and this is certified by the Istituto Italiano del Marchio di Qualità.

### SUMMER VENTILATION

| GORDON RANGE                                       | pag. 6 | C |
|--|--------|---|
| Oscillating table, wall-mounting and pedestal fans |        |   |
| ARIANTE® RANGERotating, multi-directional          | pag. 6 | 4 |
| ARIANTE® TOWER SUPEROscillating tower fans         | pag. 6 | 8 |

#### **CE MARKING**

Summer Ventilation appliances conform to the following European Directives:

- 2006/42/EC Machines Directive (MD)
- 2006/95/EC Low Voltage Directive (LVD)
- 2004/108/EC Electromagnetic Compatibility Directive (EMC)
- 2009/125/EC ErP Directive, Ecocompatible design of energy-related products in accordance with EU regulation 327/2011.

Safety: EMC: EN 60335-1 EN 55014-1 EN 60335-2-80 EN 55014-2 EN 60529 EN 61000-3-2 EN 62233 EN 61000-3-3

European Regulation N° 1275/2008/UE European Regulation N° 206/2012.



Ceiling fans

Reversible ceiling fans with 3 blades for residential and commercial applications, characterised by the sophisticated aesthetics, the work of Momodesign, and which, on request, can be configured in a wide range of sizes and colours. Distinctive characteristics of the NORDIK AIR DESIGN fans are the advanced technologies used, from the carbon fibre blades to the LED lighting system, to the radio frequency remote control, studied to maximise the usability of the products, minimise noise emissions and optimise consumption.

- 12 standard models, with different nominal diameters (1400 mm, 1800 mm), suspension rod lengths (170 mm and 290 mm) and aesthetic finishes. Additional versions can be obtained on request, from the combination of motor lids, suspension rods and sets of blades which have different dimensions and colours.
- Design and construction entirely "Made in Italy".
- Design: **mumu**DESIGN'
- This range of fans consists of 12 models and 4 standard configurations.
- Other versions can be created by combinations of 4 different motor unit kits, 12 different suspension kits and 16 different blade kits.
- A special program, accessible on vortice.com, will guide customers in configuring the product that most suits their tastes and /or needs.

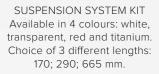


#### Radio frequency remote control (RF), which allows to:

- 1. switch the product on/off;
- 2. control rotation speed (5 pre-defined alternatives available);
- 3. set the direction of rotation, and with it, decide the direction of the flow of air generated;
- ${\it 4. switch the light on/off, at the same time selecting the type of lighting desired;}\\$
- 5. control the brightness of the light source;
- 6. programme delayed fan switch off in steps of 15', up to a maximum of 75'.

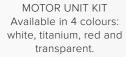
#### **RESIDENTIAL CEILING FANS**







RETRACTABLE FASTENING
The particular shape
of the suspension tube lets you
keep the hooking device hidden.





BLADE FINISHES
Available in 4 finishes:
Visible carbon; carbon/rosewood
carbon/wenge; carbon/oak.
Choice of blade dimensions: 120 - 140 - 160 - 180.



## **NORDIK® AIR DESIGN RANGE**

Ceiling fans

- Caps, motor covers and external casings of the support rods (suspension pipes) incorporating the control electronics, moulded
  in transparent plastic resin (PC), embossed internally and painted in different colours.
- Reverse function It allows to reverse the air flow direction from floor to ceiling: this means that the flow is no longer direct, but wider and moreall-round. It also helps reducing the difference in temperature between the floor (where the temperature is lower) and the ceiling (where it is in winter time).
- Carbon fibre blades, to team lightness and torsional rigidity, shaped with airfoil profile to combine reduced noise levels and high efficiency even at low speeds.
- Electro-galvanised steel support rods.
- Can be installed on steep sloping ceilings.
- External rotor type self-protected motors, operating clockwise and anti-clockwise, with shafts mounted on ball bearings to guarantee prolonged continuous service at maximum plate temperature and designed to ensure high performance also at low speeds.
- LED lighting system (3500 °K colour temperature), which offers three alternative lighting modes, which are selected via remote control.
- Safety cable, compliant with the most recent international regulation regarding safety of ceiling fans, to prevent risks of falling
  if the product is not installed correctly.
- Safety certified by third party body (\*\*).
- Class of electric isolation: II (earthing not required).

#### Adjustable LED system

#### HOME ENVIRONMENT

Powered by 60 LEDs in the central part of the ceiling lamp, 120° light beam, intensity adjustable as desired.





## WORK ENVIRONMENT ("DARK LIGHT")

Powered by 50 LEDs in the outer crown of the ceiling lamp, 70° light beam, intensity adjustable as desired.





## MIXED HOME-WORK ENVIRONMENT

Powered by all 110 LEDs on the ceiling lamp, intensity adjustable as desired.







| TECHNICAL DATA           |       |            |           |    |     |      |     |           |                     |      |
|--------------------------|-------|------------|-----------|----|-----|------|-----|-----------|---------------------|------|
| MODELS                   | CODE  | COLOR      | V         | HZ | W   | Α    | RPM | NR. BLADE | MAX AIRFLOW<br>m³/h | Kg   |
| NORDIK AIR DESIGN 140-17 | 61030 | TRASPARENT | 220 - 240 | 50 | 115 | 0.54 | 184 | 3         | 12500               | 9.7  |
| NORDIK AIR DESIGN 140-17 | 61033 | WHITE      | 220 - 240 | 50 | 115 | 0.54 | 184 | 3         | 12500               | 9.7  |
| NORDIK AIR DESIGN 140-17 | 61036 | TITANIUM   | 220 - 240 | 50 | 115 | 0.54 | 184 | 3         | 12500               | 9.7  |
| NORDIK AIR DESIGN 140-29 | 61031 | TRASPARENT | 220 - 240 | 50 | 115 | 0.54 | 184 | 3         | 12500               | 9.7  |
| NORDIK AIR DESIGN 140-29 | 61034 | WHITE      | 220 - 240 | 50 | 115 | 0.54 | 184 | 3         | 12500               | 9.8  |
| NORDIK AIR DESIGN 140-29 | 61037 | TITANIUM   | 220 - 240 | 50 | 115 | 0.54 | 184 | 3         | 12500               | 9.8  |
| NORDIK AIR DESIGN 160-29 | 61032 | TRASPARENT | 220 - 240 | 50 | 115 | 0.54 | 162 | 3         | 15500               | 10.0 |
| NORDIK AIR DESIGN 160-29 | 61035 | WHITE      | 220 - 240 | 50 | 115 | 0.54 | 162 | 3         | 15500               | 10.0 |
| NORDIK AIR DESIGN 160-29 | 61038 | TITANIUM   | 220 - 240 | 50 | 115 | 0.54 | 162 | 3         | 15500               | 10.0 |
| NORDIK AIR DESIGN 180-29 | 61039 | TRASPARENT | 220 - 240 | 50 | 115 | 0.54 | 148 | 3         | 16500               | 10.0 |
| NORDIK AIR DESIGN 180-29 | 61041 | WHITE      | 220 - 240 | 50 | 115 | 0.54 | 148 | 3         | 16500               | 10.0 |
| NORDIK AIR DESIGN 180-29 | 61042 | TITANIUM   | 220 - 240 | 50 | 115 | 0.54 | 148 | 3         | 16500               | 10.0 |

#### NORDIK<sup>®</sup> AIR DESIGN RANGE | TECHNICAL DATA FOR REGULATION N° 206/2012 UE

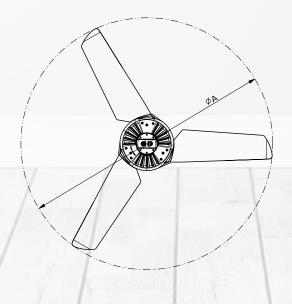
|                           | SYMBOL | UNIT      | NORDIK AIR DESIGN<br>140-17 | NORDIK AIR DESIGN<br>140-29 | NORDIK AIR DESIGN<br>160-29 | NORDIK AIR DESIGN<br>180-29 |
|---------------------------|--------|-----------|-----------------------------|-----------------------------|-----------------------------|-----------------------------|
| CODE                      |        |           | 61030 - 61033 - 61036       | 61031 - 61034 - 61037       | 61032 - 61035 - 61038       | 61039 - 61041 - 61042       |
| Maximun fan air flow      | F      | m³/min    | 208.33                      | 208.33                      | 258.33                      | 275                         |
| Fanpower input            | Р      | W         | 115                         | 115                         | 115                         | 115                         |
| Service value             | SV     | (m³/min)W | 1.811                       | 1.811                       | 2.246                       | 2.391                       |
| Standby power consumption | PSB    | kW        | -                           | -                           | -                           | -                           |
| Fan sound power level     | LWA    | dB(A)     | 48.2                        | 48.2                        | 48.7                        | 48.9                        |
| Maximum air velocity      | С      | m/sec     | 1.57                        | 1.57                        | 1.49                        | 1.42                        |

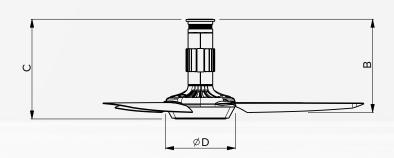
Measurement standard for service value

IEC 60879; EN62301: UNI EN ISO 3741

For more information refer to: Vortice Elettrosociali Spa, Strada Cerca, 2 - 20067 Zoate di Tribiano (MI) Italia

#### **DIMENSIONS**





| MODELS                   | CODE                  | ØA   | В   | С   | ØD  |
|--------------------------|-----------------------|------|-----|-----|-----|
| NORDIK AIR DESIGN 140-17 | 61030 - 61033 - 61036 | 1400 | 400 | 425 | 300 |
| NORDIK AIR DESIGN 140-29 | 61031 - 61034 - 61037 | 1400 | 520 | 545 | 300 |
| NORDIK AIR DESIGN 160-29 | 61032 - 61035 - 61038 | 1600 | 520 | 545 | 300 |
| NORDIK AIR DESIGN 180-29 | 61039 - 61041 - 61042 | 1800 | 520 | 545 | 300 |

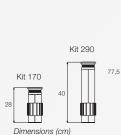
Dimensions (mm)

Ceiling fans

#### **CUSTOMISATION**

Create your Air Design however you like: choose the blade kit finish, the colour of the suspension system kit and the motor unit kit directly from our new configurator, available on our website vortice.com (http://airdesign.vortice.it/en).





# Kit 665

#### SUSPENSION SYSTEM KIT

| COLOR      | 170   | 290   | 665   |
|------------|-------|-------|-------|
| TRASPARENT | 21040 | 21045 | 21050 |
| WHITE      | 21041 | 21046 | 21051 |
| TITANIUM   | 21042 | 21047 | 21052 |
| RED        | 21043 | 21048 | 21053 |





| WHITE |  |
|-------|--|
| 21021 |  |

21022

RED 21023



#### BLADE KIT



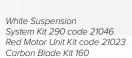
|                | 120 CM | 140 CM | 160 ( |
|----------------|--------|--------|-------|
| BLADE          | 21060  | 21064  | 2106  |
| ROSEWOOD BLADE | 21061  | 21065  | 2106  |
| OAK BLADE      | 21062  | 21066  | 2107  |
| WENGE BLADE    | 21063  | 21067  | 210   |

#### 180 CM CM 68 21072 69 21073 70 21074

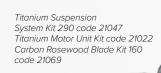
21075

#### **EXAMPLE CONFIGURATION**





code 210687













## NORDIK® ECO RANGE NEW

#### Energy saving and reversible ceiling fans

Reversible ceiling fans for residential and commercial applications, equipped with EC motors (brushless), which ensure low consumption (indicatively half that of traditional AC units of equal power and performance), and allow the speed to be controlled to adapt performance to the actual requirements.

- 6 models, available with blade diameters of 90, 120, 140, 160, 180, 200 all white.
- Design and construction entirely "Made in Italy".
- Reduced consumption (important in the case of a high number of products installed and prolonged periods of their annual use).
- High continuous use environment temperature (45°C).
- Indicated also for night-time operation, thanks to the painted sheet steel blades with profile accurately studied to guarantee particularly silent operation.
- Reversibility function: it is possible to invert the direction of the air flow, directing it from the bottom upwards to create an indirect flow and therefore more comfortable, enveloping and ample. In this way, de-stratification of the heat is improved in the winter, reducing the temperature difference between the floor (colder) and the ceiling (warmer).
- Cools persons positioned within a circumference corresponding to approx. 2.5 times the outside diameter of the blades in a completely free environment. In the presence of walls tangent to the circumference, the cooling effect is accentuated. The minimum height of the fan from the ground must be 2.3 m.
- Caps and motor covers in heat resistant plastic resin (ABS), which are also "UV resistant".
- Electronic switch-over (EC) brushless motors with shaft mounted on ball bearings to guarantee long lasting continuous service at the maximum plate temperature, and able to ensure high performance over the operating range. Integrated motor driver.
- White painted steel sheet support rods. In the 180/70" and 200/80" models the blades have specific reinforcement in the area of fixing to the motor, to guarantee higher mechanical resistance and duration over time.
- Supplied with a support rod measuring 290 mm long in steel painted with scratch-proof polyester paint.
- Bag of accessories containing the hardware necessary to mount the blades, the hook and the vibration damper rubber for ceiling mounting.
- Set-up to house the relevant light kit (optional) equipped with LEDs that guarantee very low consumption (approx. 25 W with respect to the 150 W of a traditional incandescent light bulb of equal 2000 Lumen, brightness), based on an average duration up to 25 times longer.
- Possibility of control via Vortice 5 speed control units or TELENORDIK ECO remote control (optional).



#### **RESIDENTIAL CEILING FANS**



#### MOTOR CUPS AND COVERS Motor cups and covers made moulded from heat-resistant plastic resin, white colour.

## RETRACTABLE FASTENING The particular shape

of the suspension tube lets you keep the hooking device hidden.

POWDER COATED STEEL Blades and ceiling rod made stell sheet, white colour painted.

#### BLADES

For additional mechanical strength and durability over time, the blades of 180/70" and 200/80" versions the point of attachment to the motor.

#### **EC MOTORS**

EC (brushless) motor with shaft turning in ball bearings, capable of delivering high efficiency across the entire operating range. Built in motor driver.

The hanger consists of a special plate with 4 holes for tight and durable fastening, which can also be used to suspend the appliance from sloping ceilings.



## NORDIK® ECO RANGE NEW

#### Energy saving and reversible ceiling fans

| TECHNICAL DATA -   |       |        |         |    |    |      |     |        |                     |
|--------------------|-------|--------|---------|----|----|------|-----|--------|---------------------|
| MODELS             | CODE  | COLOUR | V       | Hz | W  | Α    | RPM | Blades | Max airflow<br>m³/h |
| NORDIK ECO 90/36"  | 61060 |        |         |    | 27 | 0,26 | 250 |        | 9500                |
| NORDIK ECO 120/48" | 61061 |        |         |    | 30 | 0,29 | 235 |        | 14100               |
| NORDIK ECO 140/56" | 61062 | \      | 220.240 | 50 | 30 | 0,29 | 235 | 2      | 16500               |
| NORDIK ECO 160/60" | 61063 | White  | 220-240 | 50 | 30 | 0,29 | 210 | 3      | 17200               |
| NORDIK ECO 180/70" | 61064 |        |         |    | 40 | 0,37 | 205 |        | 21000               |
| NORDIK ECO 200/80" | 61065 |        |         |    | 40 | 0,37 | 200 |        | 22500               |

#### NORDIK<sup>®</sup> ECO RANGE | TECHNICAL DATA FOR REGULATION N° 206/2012 UE

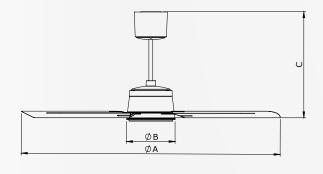
|                           | SYMBOL | UNIT      | NORDIK<br>ECO 90/36" | NORDIK<br>ECO 120/48" | NORDIK<br>ECO 140/56" | NORDIK<br>ECO 160/60" | NORDIK<br>ECO 180/70" | NORDIK ECO<br>200/80" |
|---------------------------|--------|-----------|----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|
| CODE                      |        |           | 61060                | 61061                 | 61062                 | 61063                 | 61064                 | 61065                 |
| Maximun fan air flow      | F      | m³/min    | 158,33               | 234,17                | 275                   | 286,67                | 350                   | 375                   |
| Fanpower input            | Р      | W         | 27                   | 30                    | 30                    | 30                    | 40                    | 40                    |
| Service value             | SV     | (m³/min)W | 5,864                | 7,833                 | 9,167                 | 9,556                 | 8,750                 | 9,375                 |
| Standby power consumption | PSB    | kW        | 0,38                 | 0,38                  | 0,38                  | 0,38                  | 0,38                  | 0,38                  |
| Fan sound power level     | LWA    | dB(A)     | 45,6                 | 52,1                  | 53,9                  | 54,2                  | 56,9                  | 57,8                  |
| Maximum air velocity      | С      | m/sec     | 2,88                 | 2,41                  | 2,07                  | 1,65                  | 1,59                  | 1,38                  |

Measurement standard for service value

IEC 60879; EN62301: UNI EN ISO 3741

For more information refer to: Vortice Elettrosociali Spa, Strada Cerca, 2 - 20067 Zoate di Tribiano (MI) Italia

#### **DIMENSIONS**



| MODELS             | CODE  | Α    | В   | С   |
|--------------------|-------|------|-----|-----|
| NORDIK ECO 90/36"  | 61060 | 914  | 237 | 535 |
| NORDIK ECO 120/48" | 61061 | 1218 | 237 | 535 |
| NORDIK ECO 140/56" | 61062 | 1422 | 237 | 535 |
| NORDIK ECO 160/60" | 61063 | 1524 | 237 | 535 |
| NORDIK ECO 180/70" | 61064 | 1800 | 237 | 535 |
| NORDIK ECO 200/80" | 61065 | 2000 | 237 | 535 |
| Dimensions (mm)    |       |      |     |     |

#### **ACCESSORIES**

POT R (code 12829)

TELENORDIK ECO (code 21200)

VORT DELTA T WiFi (code 21200)

KIT SPARE BLADE

CEILING RODS

Various lenghts to enable installation at desired height.



Potentiometer - for external setting of controllers with 0-10 V



Infrared remote control

WiFi multiple controller

NKE BLK 900 mm (code 21162) NKE BLK 1200 mm (code 21163) NKE BLK 1400 mm (code 21164) NKE BLK 1600 mm (code 21165) NKE BLK 1800 mm (code 21166) NKE BLK 2000 mm (code 21167) NKE ROD 160 mm (code 21150) NKE ROD 290 mm (code 21151) NKE ROD 350 mm (code 21152) NKE ROD 500 mm (code 21153) NKE ROD 665 mm (code 21154) NKE ROD 915 mm (code 21155)

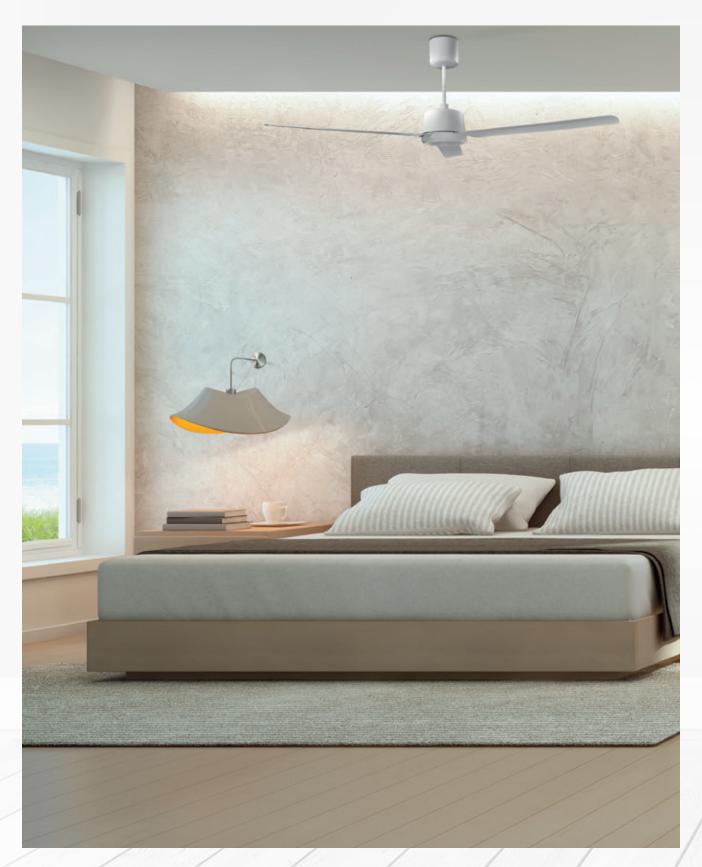




## NORDIK® ECO RANGE NEW

Energy saving and reversible ceiling fans

#### **APPLICATIONS**





#### **APPLICATIONS**





## **NORDIK® EVOLUTION RANGE**

Ceiling fans

Ideal for use in bedrooms, living rooms, shops, stores and other public places.

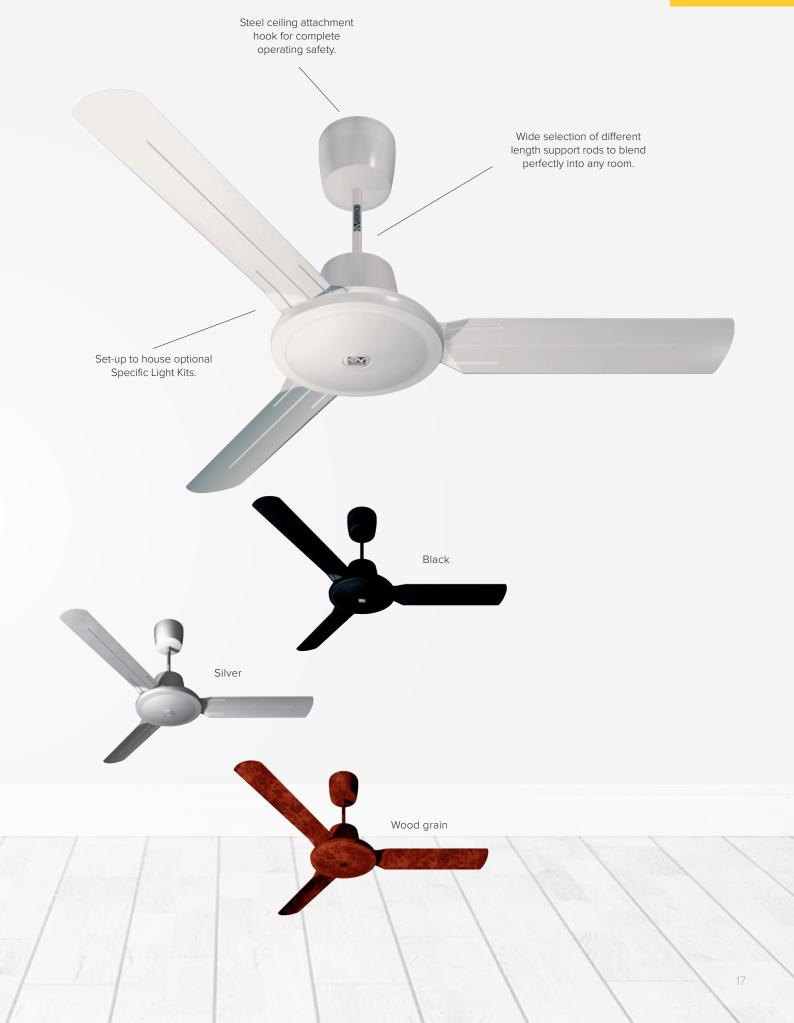
- Nominal diameter of blades 900, 1200, 1400 and 1600 mm.
- Top and bottom motor covers moulded from heat-resistant and UV-resistant thermoplastic resin (ABS), colour white.
- Wiring connections at end of ceiling rod concealed by domes moulded from impact- and UV-resistant thermoplastic resin (PP).
- Four coulor finishes: white, silver, black and briar wood.
- Single phase start capacitor motor with external rotor, and shaft turning in ball bearings. Direction of rotation reversible.
- Maximum air flow 17011 m<sup>3</sup>/h.
- 3 sheet steel blades powder coated with scratch-resistant polyester.
- Steel ceiling rod with scratch-resistant polyester powder coated finish, length 375 mm.
- Bag of accessories containing nuts and bolts required for assembly of blades, ceiling hook and rubber anti-vibration washer.
- Factory-prepared to accept 2 specific optional light kits: with lamp rated 105 W max, E27 screw fitting; with 2x15 W max energy saving lamp, E27 screw fitting (mandatory in EU).
- Speed selectable by way of control units or Telenordik 5TR remote control (optional).
- Insulation class: Cl.I ⊕.

#### Reverse function

It allows to reverse the air flow direction from floor to ceiling: this means that the flow is no longer direct, but wider and moreall-round. It also help reducing the difference in temperature between the floor (where the temperature is lower) and the ceiling (where it is in winter time).









## **NORDIK® EVOLUTION RANGE**

Ceiling fans

| ECHNICAL DATA              |       |            |           |    |    |      |     |           |                     |     |
|----------------------------|-------|------------|-----------|----|----|------|-----|-----------|---------------------|-----|
| MODELS                     | CODE  | COLOR      | V         | HZ | W  | Α    | RPM | NR. BLADE | MAX AIRFLOW<br>m³/h | Kg  |
| NORDIK EVOLUTION R 90/36"  | 61750 | WHITE      | 220 - 240 | 50 | 70 | 0.34 | 200 | 3         | 11592               | 6.4 |
|                            | 61751 | WHITE      | 220 - 240 | 50 | 70 | 0.34 | 198 | 3         | 13810               | 6.8 |
|                            | 61754 | SILVER     | 220 - 240 | 50 | 70 | 0.34 | 198 | 3         | 13810               | 6.8 |
| NORDIK EVOLUTION R 120/48" | 61755 | WOOD GRAIN | 220 - 240 | 50 | 70 | 0.34 | 198 | 3         | 13810               | 6.8 |
|                            | 61756 | BLACK      | 220 - 240 | 50 | 70 | 0.34 | 198 | 3         | 13810               | 6.8 |
|                            | 61752 | WHITE      | 220 - 240 | 50 | 70 | 0.35 | 197 | 3         | 16586               | 7.1 |
| NODDIK EVOLUTION D 440/ECI | 61757 | SILVER     | 220 - 240 | 50 | 70 | 0.35 | 197 | 3         | 16586               | 7.1 |
| NORDIK EVOLUTION R 140/56" | 61758 | WOOD GRAIN | 220 - 240 | 50 | 70 | 0.35 | 197 | 3         | 16586               | 7.1 |
|                            | 61759 | BLACK      | 220 - 240 | 50 | 70 | 0.35 | 197 | 3         | 16586               | 7.1 |
| NORDIK EVOLUTION R 160/60" | 61753 | WHITE      | 220 - 240 | 50 | 70 | 0.34 | 193 | 3         | 17011               | 7.6 |

#### NORDIK® EVOLUTION RANGE | TECHNICAL DATA FOR REGULATION N° 206/2012 UE

| SYMBOL | UNIT       | NORDIK<br>EVOLUTION<br>90/36"  | NORDIK<br>EVOLUTION<br>120/48"   | NORDIK<br>EVOLUTION<br>140/56"  | NORDIK<br>EVOLUTION<br>160/60"   |
|--------|------------|--|--|---|--|
|        |            | 61750  | 61751 - 61754<br>61755 - 61756   | 61752 - 61757<br>61758 - 61759  | 61753  |
| F      | m³/min     | 193.20   | 230.17   | 276.43  | 283.52   |
| Р      | W          | 70   | 70   | 70  | 70   |
| SV     | (m³/min)W  | 2.760  | 3.288  | 3.949   | 4.050  |
| PSB    | kW         | -  | -  | -   | -  |
| LWA    | dB(A)      | 46.1   | 49.1   | 52.6  | 55.6   |
| С      | m/sec      | 3.52   | 2.36   | 2.08  | 1.63   |
|        | F P SV PSB | F         m³/min           P         W           SV         (m³/min)W           PSB         kW           LWA         dB(A) | SYMBOL         UNIT         EVOLUTION 90/36"           61750         61750           F         m³/min         193.20           P         W         70           SV         (m³/min)W         2.760           PSB         kW         -           LWA         dB(A)         46.1 | SYMBOL         UNIT         EVOLUTION 90/36" 61750 61751 - 61754 61755 - 61756           F         m³/min         193.20         230.17           P         W         70         70           SV         (m³/min)W         2.760         3.288           PSB         kW         -         -           LWA         dB(A)         46.1         49.1 | SYMBOL         UNIT         EVOLUTION 90/36"         EVOLUTION 120/48"         EVOLUTION 140/56"           61750         61751 - 61754 61755 - 61756         61752 - 61757 61758 - 61759           F         m³/min         193.20         230.17         276.43           P         W         70         70         70           SV         (m³/min)W         2.760         3.288         3.949           PSB         kW         -         -         -           LWA         dB(A)         46.1         49.1         52.6 |

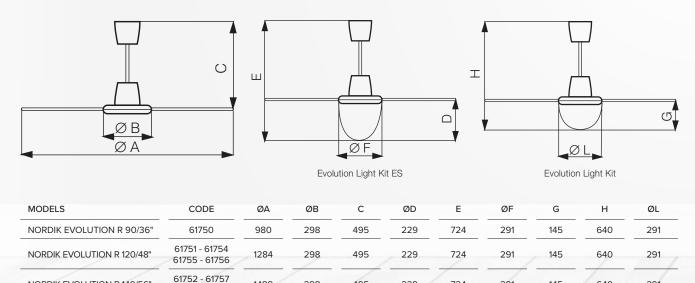
Measurement standard for service value

IEC 60879; EN62301: UNI EN ISO 3741

For more information refer to: Vortice Elettrosociali Spa, Strada Cerca, 2 - 20067 Zoate di Tribiano (MI) Italia

61758 - 61759

#### **DIMENSIONS**



Dimensions (mm)

NORDIK EVOLUTION R 140/56"

NORDIK EVOLUTION R 160/60"





## **NORDIK® EVOLUTION RANGE**

#### Ceiling fans

#### **ACCESSORIES**

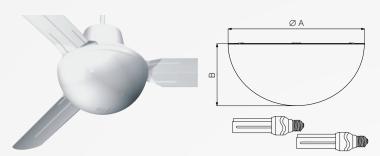
#### TELENORDIK 5TR (code 22386)



- New infrared remote control 5 speeds-timer-reverse
- The receiver is hidden inside the fan casing, with only the tip in which the sensor is located protruding.
- Uses infrared transmission to eliminate possible interference with radios or other electrical units.
- Set consists of a receiver, which is fitted to the fan ceiling rod, a transmitter, which sends the desired commands to the fan and a transmitter carrying case which can be fixed to the wall.
- Provided with LED indicators showing operation and "stand-by" status (power on).
- Remote-control range: approximately 13 meters line of sight.
- Fan and remote-control unit are both IMQ approved. Easy to install as connections between the fan and fixed speed regulator are not necessary.

| Iransmitter can control any TeleNordik receiver. |              |    |     |            |        |         |  |  |  |  |
|--|--------------|----|-----|------------|--------|---------|--|--|--|--|
| Remote c   | ontrol       |    | -   |            | infr   | ared    |  |  |  |  |
| Receiver \                                       | Volt at 50 H | z  | Hz  |            | 220    | -240    |  |  |  |  |
| Stand by   |              |    | W   |            | 0.5    | 558     |  |  |  |  |
| Maximum  | load Watt    |    | W   |            | 10     | 00      |  |  |  |  |
| Transmitte                                       | er battery   |    | -   |            | 2 x AA | A 1.5 V |  |  |  |  |
| Receiver   |              |    | Kg  |            | 0.     | 76      |  |  |  |  |
| Transmitte                                       | nitter Kg    |    |     |            |        | 06      |  |  |  |  |
| Insulation                                       |              |    | -   |            | С      | l. II   |  |  |  |  |
|  | D            |    |     | 10000<br>B |        |         |  |  |  |  |
| Models   | Α            | В  | С   |            | D      | E       |  |  |  |  |
| 5TR  | 20           | 43 | 155 | 1          | 54     | 62      |  |  |  |  |

#### **EVOLUTION LIGHT KIT ES (code 22414)**



- Lighting system kit for all Nordik Evolution fans.
- Model for two energy saving lamps with Edison E27 fittings and maximum power output of 15 W each (equivalent to 75 W each).
- Diffuser globe made of strong laminated glass with opaque finish.
- Lamp max 15 W.
- Length=165 mm max.
- Not suitable for incandescent bulbs.

| Models                 | ØA  | В   | Kg  |
|------------------------|-----|-----|-----|
| Evolution Light Kit ES | 291 | 120 | 1.0 |

#### **EVOLUTION LIGHT KIT (code 22413)**



- ØΑ
- Lighting system kit for all Nordik Evolution fans.
- Model for one traditional incandescent bulb with Edison E27 fitting and maximum power output of 150 W.
- Diffuser made of opalescent laminated glass.

| Models              | ØA  | В   | Kg  |
|---------------------|-----|-----|-----|
| Evolution Light Kit | 291 | 203 | 1.6 |

#### KIT SCBRR5/5L/M BUILT-IN (cod. 22489)

Dimensions (mm)



Kit to convert SCRR5 and SCRR5L position controllers from surface to flush-mounted.

#### SCRR/M (code 12965)



- Electronic reversible speed controller for use with up to 6 ceiling-mounted fans
- Convertible to flush mounted using SCBRR5/5L/M. 220-240V ~ 50 Hz.
- Maximum load: 450W (2.5 A).
- Weight: 0.2 Kg.
- Double insulation

#### SCRR5 (code 12963)



- 5-position reversible speed controller for ceiling-mounted fans without light.
- Convertible to flush-mounted using SCBRR5/5L/M.
- 220-240V ~ 50 Hz. Maximum load: 100W. Weight: 0.58 Kg. Double insulation.

#### SCRR5L (code 12964)



- 5-position reversible speed controller for ceiling-mounted fans with light.
- Converti ble to flush-mounted using SxCBRR5/5L/M.
- 220-240V ~ 50 Hz. Maximum load: 250W.
- Weight: 0.58 Kg. Double insulation



#### **ACCESSORIES**

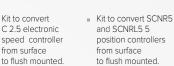
#### KIT SCB (code 22481)

#### KIT SCB5 (code 22483)

#### **CEILING RODS**

Various lenghts to enable installation at desired height.







WHITE Asta NK | 500 mm (code 22051)

Asta NK I 250 mm (code 22033) Asta NK I 250 mm (code 22024) Asta NK I 350 mm (code 22042) Asta NK I 350 mm (code 22026) Asta NK I 500 mm (code 22027) Asta NK I 750 mm (code 22074) Asta NK I 750 mm (code 22028) 



BLACK Asta NK I 375 mm (code 22037) Asta NK I 520 mm (code 22038) Asta NK I 775 mm (code 22039) Asta NK I 1025 mm (code 22043)



WOOD-GRAIN Asta NK I 200 mm (code 22079) Asta NK I 275 mm (code 22047) Asta NK I 350 mm (code 22058) Asta NK I 500 mm (code 22092) Asta NK I 750 mm (code 22064) Asta NK I 1000 mm (code 22071)

#### FLUSH OR WALL MOUNTED CONTROLS

#### SC 503 B (cod. 12801)





SC 503 N (cod. 12802)

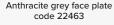


Thanks to their simple innovative design, these units more than meet the aesthetics expected of them for both domestic and commercial applications. Backing plate, knob, sliders and adapters made from polycarbonate; face plate and controller for wall mounting made from UV-resistant ABS. On the white and anthracite grey flush mounted versions, the knob and face plate are in matching colours. Both the flush and wall mounted version come with:

- knob with settings from 0 to 5 for various speeds (0 = OFF, 1- 5 = fan speed);
- a LED that shows when the fan is ON.
- two slider switches one for the light and the other to reverse  $% \left( 1\right) =\left( 1\right) \left( 1\right) +\left( 1\right) \left( 1\right) \left( 1\right) +\left( 1\right) \left( 1\right)$ the fan (where applicable).
- Vortice ceiling fan controls are IMQ approved solely and exclusively for use with Vortice ceiling fans.

#### **AVAILABLE OPTIONAL ANCILLARIES**



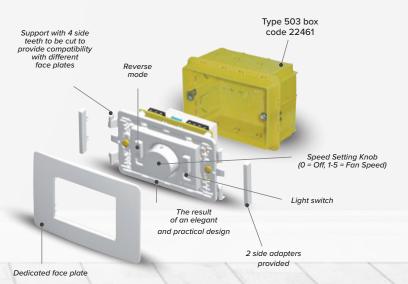




White face plate code 22462



Recessed versions, thanks to an intermediate adjustable support, can be coupled with various existing standard face plates, satisfying diverse aesthetic requirements.



Power supply voltage (V): 220 - 240 Power supply frequency (Hz): 50 Max power consumption (W): 18



# NORDIK® EVOLUTION Gold RANGE Ceiling fans

Ideal for use in bedrooms, living rooms, shops, stores and other public places.

- Nominal diameter of blades 1200 and 1400 mm.
- Top and bottom motor covers moulded from heat-resistant and UV-resistant thermoplastic resin (ABS), "metal looking" mirror finish, colour WHITE GOLD or BLACK GOLD.
- Wiring connections at end of ceiling rod concealed by domes moulded from impact- and UV-resistant thermoplastic resin (PP).
- Single phase start capacitor motor with external rotor, and shaft turning in ball bearings. Direction of rotation reversible.
- Maximum air flow 16586 m³/h
- 3 sheet steel blades powder coated with scratch-resistant polyester.
- Steel ceiling rod with scratch-resistant polyester powder coated finish, length 375 mm.
- Bag of accessories containing nuts and bolts required for assembly of blades, ceiling hook and rubber anti-vibration washer.
- Possibility of automatic adjustment up to 16 fans simultaneously, in relation to the differential measured by two temperature sensors (VORT DELTA T optional).
- Factory-prepared to accept 2 specific optional light kits: with lamp rated 105 W max, E27 screw fitting; with 2x15 W max energy saving lamp, E27 screw fitting (mandatory in EU).
- Speed selectable by way of control units or Telenordik 5TR remote control (optional)
- Insulation class: Cl.I .









## NORDIK® EVOLUTION Gold RANGE

Ceiling fans

| TECHNICAL DATA ——          |       |             |           |    |    |      |     |           |                     |     |
|----------------------------|-------|-------------|-----------|----|----|------|-----|-----------|---------------------|-----|
| MODELS                     | CODE  | COLOR       | V         | HZ | W  | Α    | RPM | NR. BLADE | MAX AIRFLOW<br>m³/h | Kg  |
| NORDIK EVOLUTION R 120/48" | 61733 | WHITE GOLD  | 220 - 240 | 50 | 70 | 0.34 | 198 | 3         | 13810               | 6.8 |
| NORDIK EVOLUTION R 120/48" | 61735 | WHITE BLACK | 220 - 240 | 50 | 70 | 0.34 | 198 | 3         | 13810               | 6.8 |
| NORDIK EVOLUTION R 140/56" | 61734 | WHITE GOLD  | 220 - 240 | 50 | 70 | 0.35 | 197 | 3         | 16586               | 7.1 |
| NORDIK EVOLUTION R 140/56" | 61736 | WHITE BLACK | 220 - 240 | 50 | 70 | 0.35 | 197 | 3         | 16586               | 7.1 |

#### NORDIK® EVOLUTION GOLD RANGE | TECHNICAL DATA FOR REGULATION N° 206/2012 UE

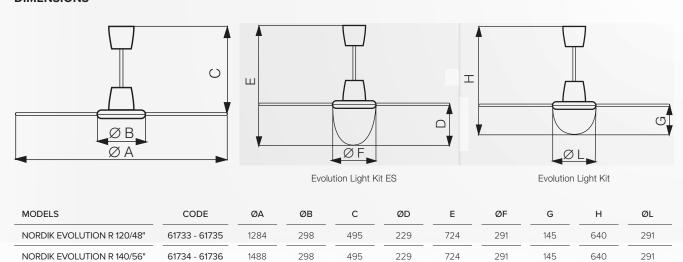
|                           | SYMBOL | UNIT NORDIK EVOLUTION 120/48" |               | NORDIK<br>EVOLUTION 140/56" |
|---------------------------|--------|-------------------------------|---------------|-----------------------------|
| CODE                      |        |                               | 61733 - 61735 | 61734 - 61736               |
| Maximun fan air flow      | F      | m³/min                        | 230.17        | 276.43                      |
| Fanpower input            | Р      | W                             | 70            | 70                          |
| Service value             | SV     | (m³/min)W                     | 3.288         | 3.949                       |
| Standby power consumption | PSB    | kW                            | =             | -                           |
| Fan sound power level     | LWA    | dB(A)                         | 49.1          | 52.6                        |
| Maximum air velocity      | С      | m/sec                         | 2.36          | 2.08                        |

Measurement standard for service value

IEC 60879; EN62301: UNI EN ISO 3741

For more information refer to: Vortice Elettrosociali Spa, Strada Cerca, 2 - 20067 Zoate di Tribiano (MI) Italia

#### DIMENSIONS



Dimensions (mm)





## NORDIK® EVOLUTION Gold RANGE

Ceiling fans

#### **ACCESSORIES**

#### TELENORDIK 5TR (code 22386)



- New infrared remote control 5 speeds-timer-reverse
- The receiver is hidden inside the fan casing, with only the tip in which the sensor is located protruding.
- Uses infrared transmission to eliminate possible interference with radios or other electrical units
- Set consists of a receiver, which is fitted to the fan ceiling rod, a transmitter, which sends the desired commands to the fan and a transmitter carrying case which can be fixed to the wall.
- Provided with LED indicators showing operation and "stand-by" status (power on).
- Remote-control range: approximately 13 meters line of sight.
- Fan and remote-control unit are both IMQ approved. Easy to install as connections between the fan and fixed
- speed regulator are not necessary.
- Transmitter can control any TeleNordik receiver.

| Remote co  | ontrol                 |    | -   |  | inf   | rared    |  |
|------------|------------------------|----|-----|--|-------|----------|--|
| Receiver V | Receiver Volt at 50 Hz |    |     |  | 22    | 0-240    |  |
| Stand by   |                        |    | W   |  | 0     | .558     |  |
| Maximum    | load Watt              |    | W   |  |       | 100      |  |
| Transmitte | r battery              |    | -   |  | 2 x A | AA 1.5 V |  |
| Receiver   |                        |    | Kg  |  | (     | 0.76     |  |
| Transmitte | r                      |    | Kg  |  | 0.06  |          |  |
| Insulation |                        |    | -   |  | (     | CI. II   |  |
|            | D                      |    |     |  | -     | M N      |  |
| Models     | Α                      | В  | С   |  | D     | Е        |  |
| 5TR        | 20                     | 43 | 155 |  | 154   | 62       |  |

#### KIT SCBRR5/5L/M BUILT-IN (code 22489)

Dimensions (mm)



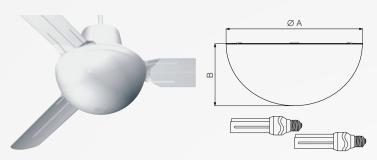
Kit to convert SCRR5 and SCRR5L position controllers from surface to flush-mounted.

#### SCRR/M (code 12965)



- Flectronic reversible speed controller for use with up to 6 ceiling-mounted fans
- Convertible to flush mounted using SCBRR5/5L/M.
- 220-240V ~ 50 Hz. Maximum load: 450W (2.5 A).
- Weight: 0.2 Kg
- Double insulation

#### **EVOLUTION LIGHT KIT ES (code 22414)**

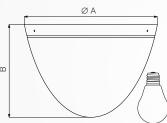


- Lighting system kit for all Nordik Evolution fans.
- Model for two energy saving lamps with Edison E27 fittings and maximum power output of 15 W each (equivalent to 75 W each).
- Diffuser globe made of strong laminated glass with opaque finish.
- Lamp max 15 W.
- Length=165 mm max.Not suitable for incandescent bulbs.

| Models                 | ØA  | В   | Kg  |
|------------------------|-----|-----|-----|
| Evolution Light Kit ES | 291 | 120 | 1.0 |

#### **EVOLUTION LIGHT KIT (code 22413)**





- Lighting system kit for all Nordik Evolution fans.
- Model for one traditional incandescent bulb with Edison E27 fitting and maximum power output of 150 W.
- Diffuser made of opalescent laminated glass.

| Models              | ØA  | В   | Kg  |
|---------------------|-----|-----|-----|
| Evolution Light Kit | 291 | 203 | 1.6 |



#### KIT SPARE BLADES (code 22676) 120/48" white gold

#### SCRR5 (code 12963)



- 5-position reversible speed controller for ceiling-mounted fans without light. Convertible to flush-mounted
- using SCBRR5/5L/M.
- 220-240V ~ 50 Hz
- Maximum load: 100W. Weight: 0.58 Kg.
- Double insulation

#### SCNR5 (code 12955)



- 5 position speed controller for ceiling-mounted fans
- without light. Convertible to flush-
- mounted using SCB5 Kit. 220-240V ~ 50 Hz.
- Maximum load: 100W.
- Double insulation.

#### Weight: 0.58 Kg.w

#### **CEILING RODS**

Various lenghts to enable installation at desired height.

#### WHITE GOLD

Asta NK I 200 mm(code 22681) Asta NK I 250 mm (code 22682) Asta NK I 350 mm (code 22683) Asta NK I 500 mm (code 22684) Asta NK I 750 mm (code 22685) Asta NK I 1000 mm (code 22686)



#### FLUSH OR WALL MOUNTED CONTROLS

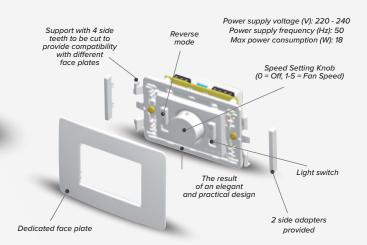
SC EXT B (cod. 12803)

SC 503 B (cod. 12801)



Thanks to their simple innovative design, these units more than meet the aesthetics expected of them for both domestic and commercial applications. Backing plate, knob, sliders and adapters made from polycarbonate; face plate and controller for wall mounting made from UV-resistant ABS. On the white and anthracite grey flush mounted versions, the knob and face plate are in matching colours. Both the flush and wall mounted version come with:

- knob with settings from 0 to 5 for various speeds (0 = OFF, 1 - 5 = fan speed);
- a LED that shows when the fan is ON
- two slider switches one for the light and the other to reverse the fan (where applicable).
- Vortice ceiling fan controls are IMQ approved solely and exclusively for use with Vortice ceiling fans.





Recessed versions, thanks to an intermediate adjustable support, can be coupled with various existing standard face plates, satisfying diverse aesthetic requirements.

#### **MULTIPLE SPEED CONTROLLER**

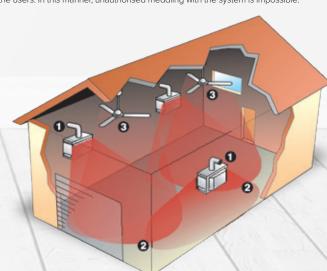


- 1 The commercial building has a warm air heating system.
- With the aid of adjustable laminar blades, the warm air is directed downwards in the recreation or working area.
- Due to the fact that warm air has a lower specific weight than cold air, the warm air rises to ceiling height and accumulates there. The  $\,$ sensor controls registers the increasing temperature difference between the floor and ceiling. The Nordik fans are controlled so that the warm air from the ceiling is conducted back into the recreating or working area without causing a draught. As soon as the temperature difference between the ground and ceiling areas is in equilibrium, the Vort Delta T system automatically switches the fans off.

#### VORT DELTA T (Code 13039) MULTIPLE SPEED CONTROLLER UP TO 16 CEILING FANS

The intelligent control system. Simply clever: Intelligentmanagement ensures optimal, draughtfree operation Vort Delta T - the heart of the System.

- The new, intelligent control unit Vort Delta T is equipped with two semiconductor temperature sensors (included in the package), installed respectively at ceiling and floor level. Electrical power is with a normal two-phase cable, of up to 50 metres in length.
- The control unit registers the temperature at ceiling and floor level up to 60 times per minute, calculates the temperature differential and in accordance with this, regulates the operating speed of the fans. When the heat layer has been dissipated and the temperature differential has been reduced to an acceptable level, the Vort Delta T automatically switches the fans off.
- The minimal temperature differential, at which level the unit is activated, is adjustable, as are the lower and higher rotational fan speeds so as to avoid draughts. This also applies to permanent operation (e.g. during summer for cooling).
- This fully automatic control system governs the system optimally, without necessitating adjustment by the users. In this manner, unauthorised meddling with the system is impossible.

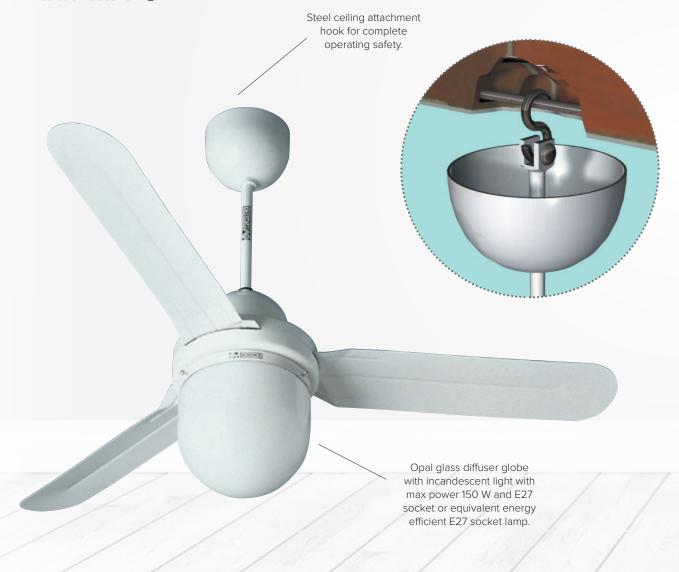


## **NORDIK® DESIGN 1S/1SL RANGE**

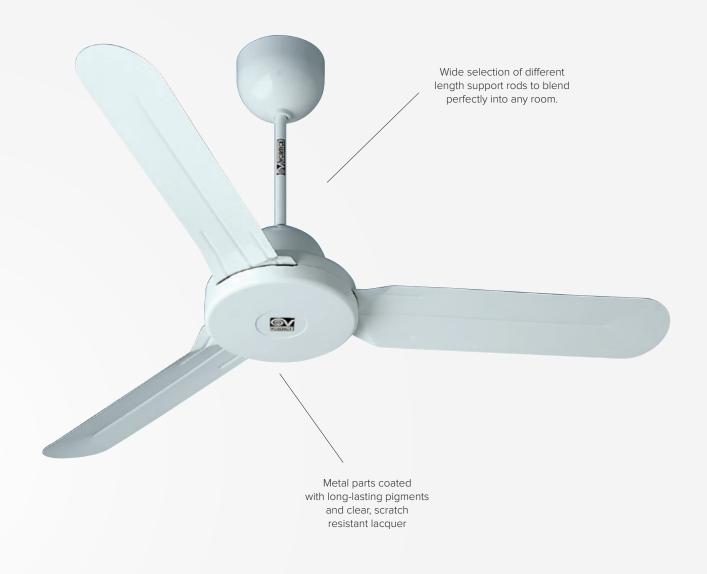
Ceiling fans

Ideal for use in bedrooms, living rooms, shops, stores and other public places.

- Top and bottom motor covers moulded from heat-resistant and UV-resistant thermoplastic resin (ABS), colour white.
- Wiring connections at end of ceiling rod concealed by domes moulded from impact- and UV-resistant PP, colour white.
- Nominal diameter of blades 900, 1200, 1400 and 1600 mm.
- Single phase start capacitor motor with external rotor, and shaft turning in ball bearings.
- Maximum air flow: 14000 m<sup>3</sup>/h.
- 3 sheet steel blades powder coated with scratch-resistant polyester, colour white.
- Steel ceiling rod with polyester powder coated finish, colour white, length 375 mm.
- Bag of accessories containing nuts and bolts required for assembly of blades, ceiling hook and rubber anti-vibration washer.
- Speed selectable by way of control units or Telenordik 5T remote control (optional).
- Insulation class: CI.I .









## **NORDIK® DESIGN 1S/1SL RANGE**

Ceiling fans

| TECH | INICAL | DATA |
|------|--------|------|
|      |        |      |

| MODELS                     | CODE  | COLOR | V         | HZ | W   | Α     | RPM | NR. BLADE | MAX AIRFLOW<br>m³/h | Kg  |
|----------------------------|-------|-------|-----------|----|-----|-------|-----|-----------|---------------------|-----|
| NORDIK DESIGN 1S 90/36"    | 61160 | WHITE | 220 - 240 | 50 | 70  | 0.32  | 235 | 3         | 8730                | 5.0 |
| NORDIK DESIGN 1S/L 90/36"  | 61001 | WHITE | 220 - 240 | 50 | 175 | 0.725 | 235 | 3         | 8730                | 6.3 |
| NORDIK DESIGN 1S 120/48"   | 61260 | WHITE | 220 - 240 | 50 | 70  | 0.33  | 205 | 3         | 11820               | 5.5 |
| NORDIK DESIGN 1S/L 120/48" | 61101 | WHITE | 220 - 240 | 50 | 175 | 0.725 | 205 | 3         | 11820               | 6.5 |
| NORDIK DESIGN 1S 140/58"   | 61360 | WHITE | 220 - 240 | 50 | 70  | 0.33  | 215 | 3         | 13680               | 5.6 |
| NORDIK DESIGN 1S/L 140/58" | 61301 | WHITE | 220 - 240 | 50 | 175 | 0.725 | 215 | 3         | 13680               | 6.7 |
| NORDIK DESIGN 1S 160/60"   | 61460 | WHITE | 220 - 240 | 50 | 70  | 0.34  | 215 | 3         | 14000               | 6.6 |
| NORDIK DESIGN 1S/L 160/60" | 61401 | WHITE | 220 - 240 | 50 | 175 | 0.725 | 215 | 3         | 14000               | 7.7 |

#### NORDIK® DESING 1S/1SL RANGE | TECHNICAL DATA FOR REGULATION N° 206/2012 UE

|                           | SYMBOL | UNIT      | NORDIK DECOR<br>1S/1SL 90/36" | NORDIK DECOR<br>1S/1SL 120/48" | NORDIK DECOR<br>1S/1SL 140/56" | NORDIK DECOR<br>1S/1SL 160/60" |
|---------------------------|--------|-----------|-------------------------------|--------------------------------|--------------------------------|--------------------------------|
| CODE                      |        |           | 61160 - 61001                 | 61260 - 61101                  | 61360 - 61301                  | 61460 - 61401                  |
| Maximun fan air flow      | F      | m³/min    | 145.50                        | 197.00                         | 2248.00                        | 233.33                         |
| Fanpower input            | Р      | W         | 70                            | 70                             | 70                             | 175                            |
| Service value             | SV     | (m³/min)W | 2.079                         | 2.841                          | 3.257                          | 1.061                          |
| Standby power consumption | PSB    | kW        | -                             | -                              | /-                             | -                              |
| Fan sound power level     | LWA    | dB(A)     | 44.9                          | 49.1                           | 52.1                           | 55.5                           |
| Maximum air velocity      | С      | m/sec     | 2.65                          | 2.02                           | 1.72                           | 1.34                           |

Measurement standard for service value

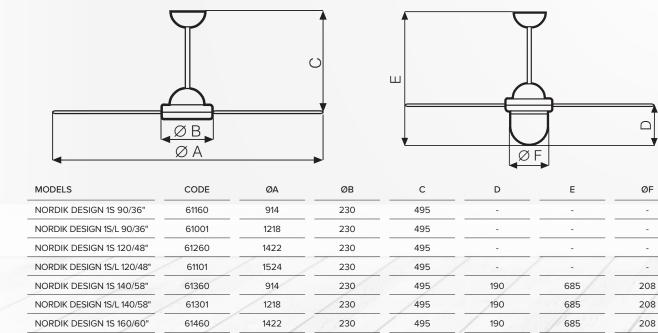
IEC 60879; EN62301: UNI EN ISO 3741

ØF

208

For more information refer to: Vortice Elettrosociali Spa, Strada Cerca, 2 - 20067 Zoate di Tribiano (MI) Italia

#### **DIMENSIONS**



230

495

190

685

Dimensions (mm)

NORDIK DESIGN 1S/L 160/60"

61401

1524





## **NORDIK® DESIGN 1S/1SL RANGE**

Ceiling fans

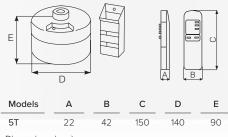
#### **ACCESSORIES**

#### TELENORDIK 5T (code 22387)



- Suitable for fans with or without light.
- 5 selectable speeds, as well as fan and light on/off switch.
- "Timer" button to set fan turn-on and turn-off times (approx. 1 hour interval).
- Uses infrared transmission to eliminate possible interference with radios or other electrical units.
- Set consists of a receiver, which is fitted to the fan ceiling rod, a transmitter, which sends the desired commands to the fan and a transmitter carrying case which can be fixed to the wall.
- Provided with LED indicators showing operation and "stand-by" status (power on).
- Remote-control range: approximately 13 meters line of sight. Fan and remote-control unit are both IMQ approved. Easy to install as connections between the fan and fixed
- speed regulator are not necessary.
- Transmitter can control any TeleNordik receiver.

| Remote control         |    | infra red     |
|------------------------|----|---------------|
| Receiver Volt at 50 Hz | Hz | 220-240       |
| Stand by               | W  | 0.463         |
| Maximum load Watt      | W  | 100           |
| Transmitter battery    | -  | 2 x AAA 1.5 V |
| Receiver               | Kg | 0.76          |
| Transmitter            | Kg | 0.06          |
| Insulation             | -  | CI. II        |



Dimensions (mm)

#### SCNR5 (code 12955)



- 5 position speed controller for ceiling-mounted fans without light.
- Convertible to flush-mounted using SCB5 Kit.
- 220-240V ~ 50 Hz. Maximum load: 100W.
- Weight: 0.58 Kg.w
- Double insulation.

#### SCNR/M (code 12982)



- Electronic speed controller for use with up to 6 ceiling-mounted fans.
- Convertible to flush-mounted.
- 220-240V ~ 50 Hz.
- Maximum load: 450W (2.5 A).
- Weight: 0.2 Kg.
- Double insulation.

#### KIT SCB (code 22481)



Kit to convert C 2.5 electronic speed controller from surface to flush mounted.

#### SCNRL5 (code 12957)



- 5 position speed controller for ceiling-mounted fans with light.
  Convertible to flush-
- mounted using SCB5 Kit. 220-240V ~ 50 Hz.
- Maximum load: 250W.
- Weight: 0.58 Kg.
- Double insulation.

#### C 2.5 (code 12967)



- Electronic speed controller for use with up to 6 ceiling-mounted fans.
- Convertible to flushmounted using SCB5 Kit. 220-240V ~ 50 Hz.
- Maximum load: 450W (2.5 A). Weight: 0.2 Kg. Double insulation.

#### KIT SCB5 (code 22483)



Kit to convert SCNR5 and SCNRL5 5 position controllers from surface to flush mounted.

#### **CEILING RODS**

Various lenghts to enable installation at desired height.

- Asta NK 200 mm (code 22030)
- Asta NK 275 mm (code 22034)
- Asta NK 350 mm (code 22040)
- Asta NK 500 mm (code 22052)
- Asta NK 750 mm (code 22072)
- Asta NK 1000 mm (code 22075)



#### FLUSH OR WALL MOUNTED CONTROLS

SC 503 B (cod. 12801)



SC 503 N (cod. 12802)



SC EXT B (cod. 12803)

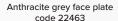


Thanks to their simple innovative design, these units more than meet the aesthetics expected of them for both domestic and commercial applications. Backing plate, knob, sliders and adapters made from polycarbonate; face plate and controller for wall mounting made from UV-resistant ABS. On the white and anthracite grey flush mounted versions, the knob and face plate are in matching colours. Both the flush and wall mounted version come with:

- $\blacksquare$  knob with settings from 0 to 5 for various speeds (0 = OFF, 1-5 = fan speed);
- a LED that shows when the fan is ON.
- two slider switches one for the light and the other to reverse the fan (where applicable).
   Vortice ceiling fan controls are IMQ approved solely and exclusively for use with Vortice ceiling fans.

#### AVAILABLE OPTIONAL ANCILLARIES



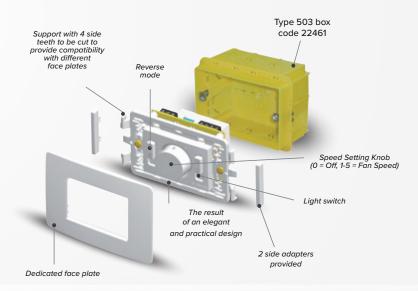




White face plate code 22462



Recessed versions, thanks to an intermediate adjustable support, can be coupled with various existing standard face plates, satisfying diverse aesthetic requirements.



Power supply voltage (V): 220 - 240 Power supply frequency (Hz): 50 Max power consumption (W): 18

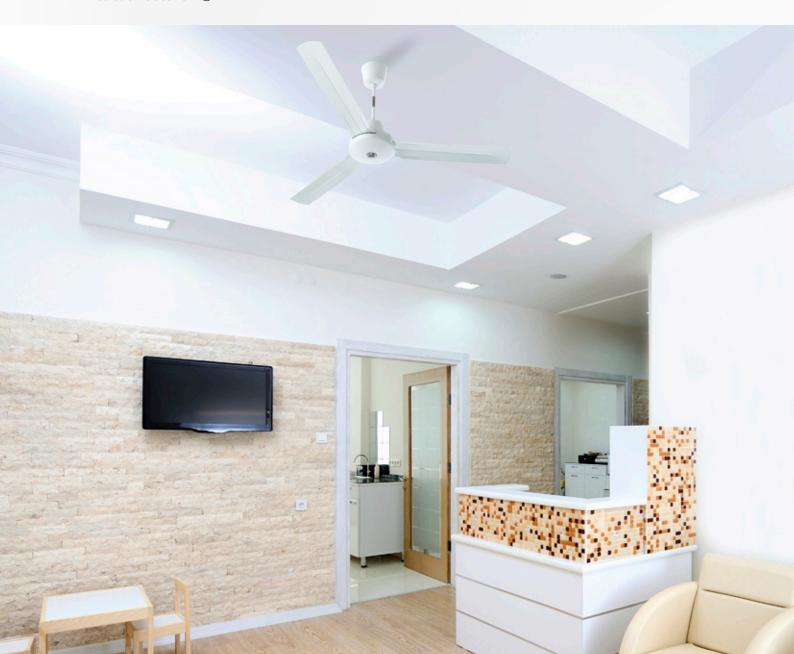


## **NORDIK® INTERNATIONAL PLUS RANGE**

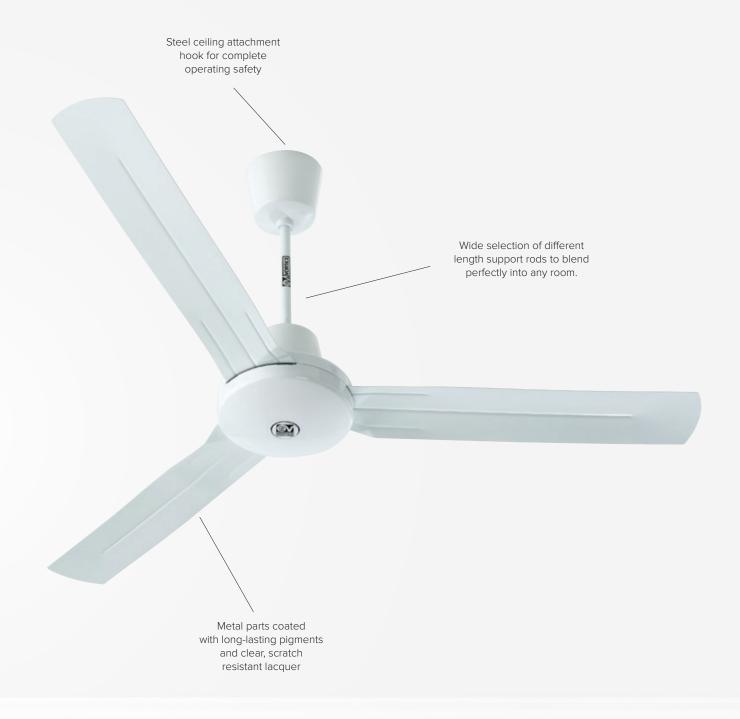
Ceiling fans

Ideal for use in bedrooms, living rooms, shops, stores and other public places.

- Nominal diameter of blades 900, 1200, 1400 and 1600 mm.
- Top and bottom motor covers moulded from heat-resistant and UV-resistant thermoplastic resin (ABS), colour white.
- Wiring connections at end of ceiling rod concealed by domes moulded from impact- and UV-resistant PP, colour white.
- Single phase start capacitor motor with external rotor, and shaft turning in ball bearings. Direction of rotation reversible.
- Maximum air flow: 14000 m<sup>3</sup>/h.
- 3 sheet steel blades powder coated with scratch-resistant polyester, colour white.
- Steel ceiling rod with polyester powder coated finish, colour white, length 375 mm.
- Bag of accessories containing nuts and bolts required for assembly of blades, ceiling hook and rubber anti-vibration washer.
- Factory-prepared to accept Light Kit (optional), suitable for lamp rated 150W. max with E27 screw fitting, or equivalent energy-saving lamp with E27 screw fitting.
- Speed selectable by way of control units (optional).
- Insulation class: CI.I ⊕.









## NORDIK® INTERNATIONAL PLUS RANGE

Ceiling fans

| TECHNICAL DATA —————              |       |       |           |    |    |      |     |           |                     |     |
|-----------------------------------|-------|-------|-----------|----|----|------|-----|-----------|---------------------|-----|
| MODELS                            | CODE  | COLOR | V         | HZ | W  | Α    | RPM | NR. BLADE | MAX AIRFLOW<br>m³/h | Kg  |
| NORDIK INTERNATIONAL PLUS 90/36"  | 61701 | WHITE | 220 - 240 | 50 | 70 | 0.32 | 231 | 3         | 8550                | 5.5 |
| NORDIK INTERNATIONAL PLUS 120/48" | 61711 | WHITE | 220 - 240 | 50 | 70 | 0.32 | 234 | 3         | 9900                | 5.9 |
| NORDIK INTERNATIONAL PLUS 140/56" | 61721 | WHITE | 220 - 240 | 50 | 70 | 0.32 | 231 | 3         | 13500               | 6.2 |
| NODDIK INTERNATIONAL BLUS 160/60" | 61731 | WHITE | 220 240   | 50 | 70 | 033  | 201 | 3         | 14000               | 6.7 |

#### NORDIK® INTERNATIONAL PLUS RANGE | TECHNICAL DATA FOR REGULATION N° 206/2012 UE

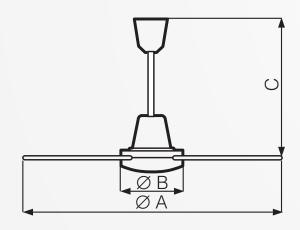
|                           | SYMBOL | UNIT      | PLUS 90/36" | PLUS 120/48" | PLUS 140/56" | PLUS 160/60" |
|---------------------------|--------|-----------|-------------|--------------|--------------|--------------|
| CODE                      |        |           | 61701       | 61711        | 61721        | 61731        |
| Maximun fan air flow      | F      | m³/min    | 142.50      | 165.00       | 225.00       | 233.33       |
| Fanpower input            | Р      | W         | 70          | 70           | 70           | 70           |
| Service value             | SV     | (m³/min)W | 2.036       | 2.357        | 3.214        | 3.333        |
| Standby power consumption | PSB    | kW        | -           | - /          | -            | -            |
| Fan sound power level     | LWA    | dB(A)     | 46.1        | 49.1         | 52.6         | 55.6         |
| Maximum air velocity      | С      | m/sec     | 2.59        | 1.68         | 1.69         | 2.28         |

Measurement standard for service value

IEC 60879; EN62301: UNI EN ISO 3741

For more information refer to: Vortice Elettrosociali Spa, Strada Cerca, 2 - 20067 Zoate di Tribiano (MI) Italia

#### **DIMENSIONS**



| MODELS                            | CODE  | ØA   | ØB  | С   |
|-----------------------------------|-------|------|-----|-----|
| NORDIK INTERNATIONAL PLUS 90/36"  | 61701 | 914  | 230 | 495 |
| NORDIK INTERNATIONAL PLUS 120/48" | 61711 | 1218 | 230 | 495 |
| NORDIK INTERNATIONAL PLUS 140/56" | 61721 | 1422 | 230 | 495 |
| NORDIK INTERNATIONAL PLUS 160/60" | 61731 | 1524 | 230 | 495 |

Dimensions (mm)





# **NORDIK® INTERNATIONAL PLUS RANGE**

## Ceiling fans

#### **ACCESSORIES**

#### TELENORDIK 5TR (code 22386)



- New infrared remote control 5 speeds-timer-reverse
- The receiver is hidden inside the fan casing, with only the tip in which the sensor is located protruding.
- It uses infrared transmission to eliminate possible interference with radios or other electrical units.
- Set consists of a receiver, which is fitted to the fan ceiling rod. a transmitter, which sends the desired commands to the fan and a transmitter carrying case which can be fixed to the wall.
- Provided with LED indicators showing operation and "stand-by" status (power on).
- Remote-control range: approximately 13 meters line of sight.
- Fan and remote-control unit are both IMQ approved.
- Easy to install as connections between the fan and fixed

|            | <ul> <li>speed regulator are not necessary.</li> <li>Transmitter can control any TeleNordik receiver.</li> </ul> |     |     |       |           |  |  |  |  |  |
|------------|--|-----|-----|-------|-----------|--|--|--|--|--|
| Remote co  | ontrol   |     | -   | ir    | ıfrared   |  |  |  |  |  |
| Receiver \ | olt at 50 H  | z   | Hz  | 22    | 20-240    |  |  |  |  |  |
| Stand by   |  |     | W   | (     | 0.558     |  |  |  |  |  |
| Maximum    | load Watt  |     | W   | 100   |           |  |  |  |  |  |
| Transmitte | er battery   |     | -   | 2 x A | AAA 1.5 V |  |  |  |  |  |
| Receiver   |  |     | Kg  |       | 0.76      |  |  |  |  |  |
| Transmitte | r  |     | Kg  |       | 0.06      |  |  |  |  |  |
| Insulation |  |     | -   |       | CI. II    |  |  |  |  |  |
|            |  | (6) | B   |       |           |  |  |  |  |  |
| Models     | _ A  | В   | С   | D     | E         |  |  |  |  |  |
| 5TR        | 20   | 43  | 155 | 154   | 62        |  |  |  |  |  |

### **CEILING RODS**

Dimensions (mm)

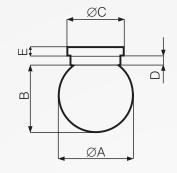
Various lenghts to enable installation at desired height.

# WHITE

Asta NK I 200 mm (code 22632) Asta NK I 250 mm (code 22633) Asta NK I 350 mm (code 22642) Asta NK I 500 mm (code 22651) Asta NK I 750 mm (code 22674) Asta NK I 1000 mm (code 22677)

#### PLUS LIGHT KIT (code 22415)





- Kit for all the Nordik International Plus models.
- Lamp: max 150 W with E27 fitting.

| Models          | ØA  | В   | ØC  | D  | E  | Kg  |  |
|-----------------|-----|-----|-----|----|----|-----|--|
| Decor Light Kit | 200 | 180 | 130 | 35 | 20 | 1.8 |  |

#### SCNR5 (code 12955)



- 5 position speed controller for ceiling-mounted fans without light.
- Convertible to flushmounted using SCB5 Kit. 220-240V ~ 50 Hz.
- Maximum load: 100W. Weight: 0.58 Kg.w
- Double insulation.

#### SCNR/M (code 12982)



- Electronic speed controller for use with up to 6 ceiling-mounted fans.
- Convertible to flush-mounted. 220-240V ~ 50 Hz.
- Maximum load: 450W (2.5 A).
- Weight: 0.2 Kg.
- Double insulation.

## KIT SCB5 (code 22483)



Kit to convert SCNR5 and SCNRL5 5 position controllers from surface to flush mounted.

#### SCNRL5 (code 12957)



- 5 position speed controller for ceiling-mounted fans with light.
- Convertible to flushmounted using SCB5 Kit. 220-240V ~ 50 Hz.
- Maximum load: 250W.
- Weight: 0.58 Kg.
- Double insulation.

### C 2.5 (code 12967)



- Electronic speed controller for use with up to 6 ceiling-mounted fans.
- Convertible to flushmounted using SCB5 Kit. 220-240V ~ 50 Hz.
- Maximum load: 450W (2.5 A).
- Weight: 0.2 Kg.
- Double insulation.

#### KIT SCB (code 22481)



Kit to convert C 2.5 electronic speed controller from surface to flush mounted.



#### FLUSH OR WALL MOUNTED CONTROLS

SC 503 B (cod. 12801)



SC 503 N (cod. 12802)



SC EXT B (cod. 12803)

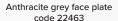


Thanks to their simple innovative design, these units more than meet the aesthetics expected of them for both domestic and commercial applications. Backing plate, knob, sliders and adapters made from polycarbonate; face plate and controller for wall mounting made from UV-resistant ABS. On the white and anthracite grey flush mounted versions, the knob and face plate are in matching colours. Both the flush and wall mounted version come with:

- $\blacksquare$  knob with settings from 0 to 5 for various speeds (0 = OFF, 1-5 = fan speed);
- a LED that shows when the fan is ON.
- two slider switches one for the light and the other to reverse the fan (where applicable).
   Vortice ceiling fan controls are IMQ approved solely and exclusively for use with Vortice ceiling fans.

#### AVAILABLE OPTIONAL ANCILLARIES



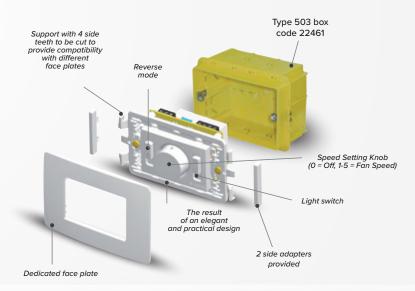




White face plate code 22462



Recessed versions, thanks to an intermediate adjustable support, can be coupled with various existing standard face plates, satisfying diverse aesthetic requirements.



Power supply voltage (V): 220 - 240 Power supply frequency (Hz): 50 Max power consumption (W): 18

# Thermal destratification

# Well-being and energy saving even in large industrial and retail interiors thanks to ceiling fans

Suitable comfort conditions and air quality are fundamental for work environments. However, inside very large industrial and retail premises it is difficult to guarantee optimal heating during working hours. Energy costs are high and results are unsatisfactory.

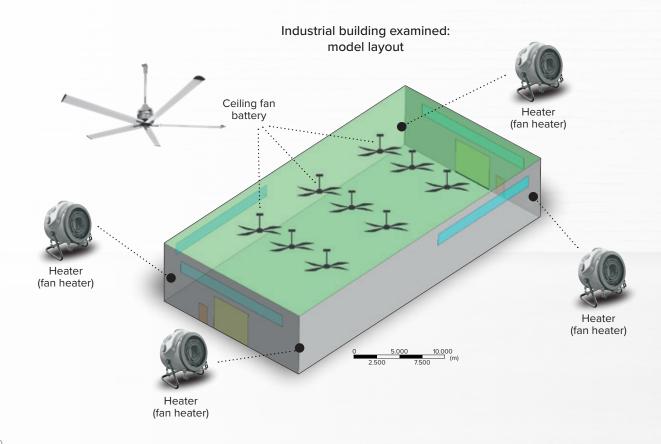
Heat generated by heating systems (radiators, warm air generators, etc.) travels upwards due to convective motion, stratifying at ceiling level, resulting in cooler areas lower down. Often on large premises such as industrial warehouses, shopping centres, museums or places of worship, in order to maintain 20°C at "operating height", the temperature in the ceiling area must exceed 30-35°C. Such conditions result in reduced well-being for those present, coupled with a huge rise in costs for maintaining ideal temperature.

Heat destratification is the solution to this problem, with the use of ceiling fans. Suitably positioned, these create the correct mixing of warm and cool air, even at low speed, resulting in uniform

temperature. With all the advantages in terms of comfort and the effective reduction of energy consumption. Specific studies show that the application of heat destratification systems in particular retail and industrial environments generates savings which offset expenses incurred for purchasing and installing the system, in just 4 years.

Even more so considering that fan ceilings are also used in the summer to eliminate stagnation and humidity and enable optimal air circulation.

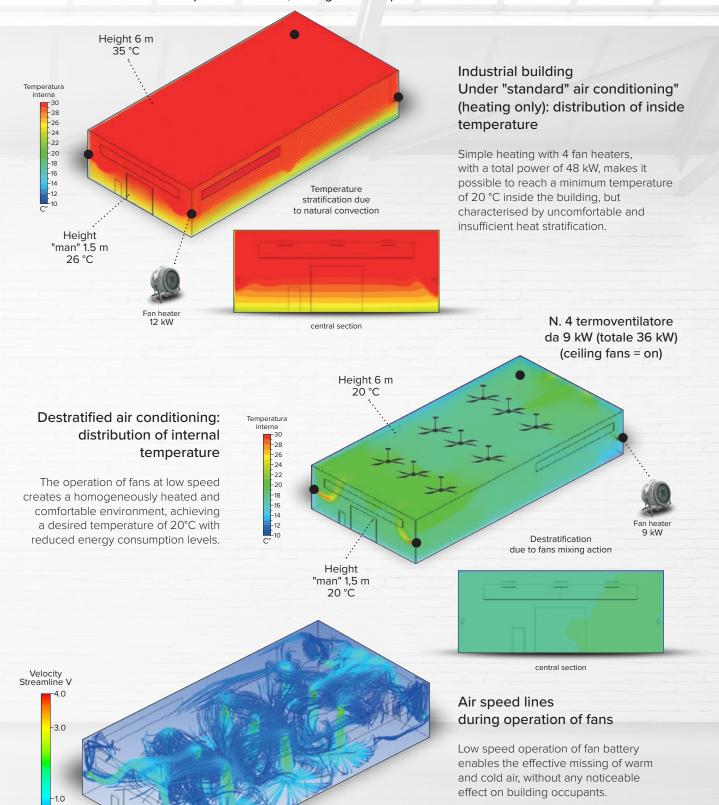
Vortice has the know-how, experience and ideal product range for installing heat destratification systems on large premises. Our specialised technicians are available to assist customers in the design and construction of tailored solutions, also with the use of thermo-fluid dynamic simulation. Illustrations on these pages have been taken from a simulation carried out by the Vortice R&D department as part of a study commissioned by a client and successive experimental confirmation.



# COMMERCIAL AND INDUSTRIAL CEILING FANS



No. 4 fan heaters 12 kW (total 48 kW) (free convection, ceiling fans = off)



m s^-1



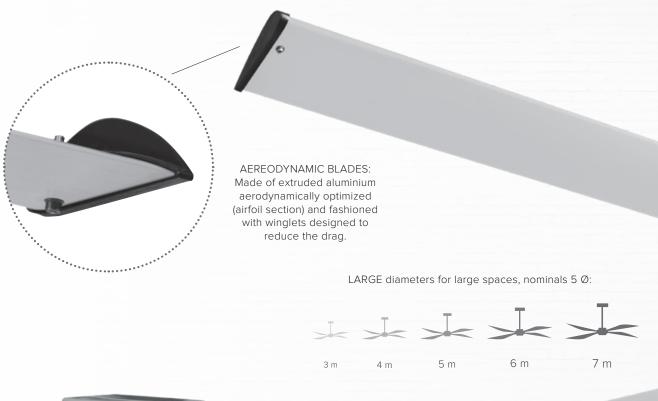
# **NORDIK® HVLS SUPER BLADE RANGE**



Industrial ceiling fans

A new range of HVLS (High Volume Low Speed) ceiling fans, equipped with EC motors, granting very high performance, low consumption and low noise emissions. Ideal for cooling and temperature balance for large areas.

Nordik HVLS Super Balde at their most effective grant highly effective operation even when installed in tall ambients. Width of the ventilated area corresponds to approximately 3 times the nominal diameter of the fan. Especially suitable for installation in the following areas: industrial sheds, large warehouses, cattle sheds/stables, airports, mosques and where there is a need to move large volumes of air. Wide range of operating temperatures (-10°/+50° C) allows proper operation in many alternative applications.

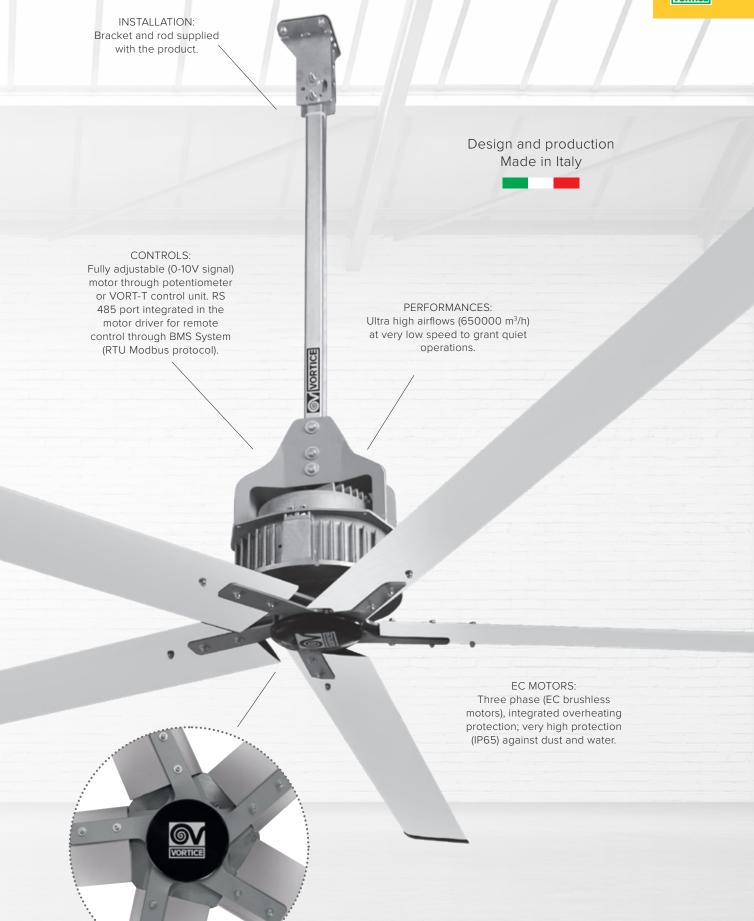




VORT T CONTROL UNIT: Provides automatic control of up to 10 fans, according to temperature and wind strength.



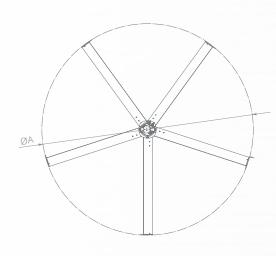


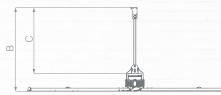


## Industrial ceiling fans

| TECHNICAL DATA ————                |       |           |       |     |          |     |        |              |                     |       |
|------------------------------------|-------|-----------|-------|-----|----------|-----|--------|--------------|---------------------|-------|
| MODELS                             | CODE  | V~50/60HZ | Phase | W   | A<br>MAX | RPM | Ø<br>m | NR.<br>BLADE | MAX AIRFLOW<br>m³/h | Kg    |
| NORDIK HVLS SUPER BLADE 300/120"   | 61080 | 200/480   | 1/3   | 600 | 1.43     | 160 | 3      | 5            | 310000              | 80.5  |
| NORDIK HVLS SUPER BLADE 300/120" L | 61090 | 200/480   | 1/3   | 600 | 1.43     | 160 | 3      | 5            | 310000              | 89    |
| NORDIK HVLS SUPER BLADE 400/160"   | 61081 | 200/480   | 1/3   | 650 | 1.67     | 100 | 4      | 5            | 370000              | 88    |
| NORDIK HVLS SUPER BLADE 400/160" L | 61091 | 200/480   | 1/3   | 650 | 1.67     | 100 | 4      | 5            | 370000              | 96,5  |
| NORDIK HVLS SUPER BLADE 500/200"   | 61082 | 200/480   | 1/3   | 850 | 1.97     | 80  | 5      | 5            | 530000              | 104   |
| NORDIK HVLS SUPER BLADE 500/200" L | 61092 | 200/480   | 1/3   | 850 | 1.97     | 80  | 5      | 5            | 530000              | 112,5 |
| NORDIK HVLS SUPER BLADE 600/240"   | 61083 | 200/480   | 1/3   | 850 | 2.02     | 55  | 6      | 5            | 600000              | 111.5 |
| NORDIK HVLS SUPER BLADE 600/240" L | 61093 | 200/480   | 1/3   | 850 | 2.02     | 55  | 6      | 5            | 600000              | 120   |
| NORDIK HVLS SUPER BLADE 700/280"   | 61084 | 200/480   | 1/3   | 900 | 2.12     | 38  | 7      | 5            | 650000              | 131.5 |
| NORDIK HVLS SUPER BLADE 700/280" L | 61094 | 200/480   | 1/3   | 900 | 2.12     | 38  | 7      | 5            | 650000              | 140   |

#### **DIMENSIONS**





| MODELS                             | CODE  | ØA   | В    | С    |
|------------------------------------|-------|------|------|------|
| NORDIK HVLS SUPER BLADE 300/120"   | 61080 | 3000 | 1880 | 1470 |
| NORDIK HVLS SUPER BLADE 300/120" L | 61090 | 3000 | 3310 | 3000 |
| NORDIK HVLS SUPER BLADE 400/160"   | 61081 | 4000 | 1880 | 1470 |
| NORDIK HVLS SUPER BLADE 400/160" L | 61091 | 4000 | 3310 | 3000 |
| NORDIK HVLS SUPER BLADE 500/200"   | 61082 | 5000 | 1880 | 1470 |
| NORDIK HVLS SUPER BLADE 500/200" L | 61092 | 5000 | 3310 | 3000 |
| NORDIK HVLS SUPER BLADE 600/240"   | 61083 | 6000 | 1880 | 1470 |
| NORDIK HVLS SUPER BLADE 600/240" L | 61093 | 6000 | 3310 | 3000 |
| NORDIK HVLS SUPER BLADE 700/280"   | 61084 | 7000 | 1880 | 1470 |
| NORDIK HVLS SUPER BLADE 700/280" L | 61094 | 7000 | 3310 | 3000 |
|                                    |       |      |      |      |

Dimensions (mm)

#### **ACCESSORIES**

### VORT T (code 21137)



Control unit with LCD display, able to handle up to 10 units (control units supplied as optional).

### USB-C (code 21198)

Modbus USB converter for VORT T control unit, useful for the remote control and monitoring of the fan/fans through a personal computer

#### POT-I (code 12832)



potentiometer

### WP (code 21197)

Additional external an emometer fot VORT  $\ensuremath{\mathsf{T}}$ control unit, useful for the automatic control of the fan/ fans in case of gusts of wind

#### POT (code 12828)



potentiometer

#### NHVLS - RD (code 21136)

Suspension tie-rods kit:

Optional kit consisting of four of rods, designed to assure robust and safe installation. 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).

# COMMERCIAL AND INDUSTRIAL CEILING FANS



#### **APPLICATIONS**

### Why install a NORDIK HVLS SUPER BLADE

When turning, a ceiling fan generates a column of air moving downwards and towards the outside along the floor. The extent of this column grows with the diameter of the fan and, by a lesser degree, with its rotation speed.

With equal rotation speed, a ceiling fan with larger diameter is able to move a larger mass of air; at the same time, a column of air moving at a faster speed disperses quicker. Also, the distance of propagation of the column of air produced by the fan increases with the diameter of the latter due to the effect of the action on it, proportionally more limited, exerted by the friction of the surrounding still air. This being understood, the use of ceiling fans of the NORDIK HVLS SUPER BLADE series, which boast a high (IP65) degree of resistance to water and dust, offer an extended range of continuous operating temperatures (-10° C / + 50° C) and guarantee a wide range of speed control. It is particularly appropriate in industrial contexts, such as warehouses, sheds, stables, etc. ..., where the use of air conditioning systems would be impractical or however too expensive, as well as in commercial areas, such as supermarkets, gyms, airports, etc. ..., where their action allows significant savings due to the amplification of the effects of any air conditioning systems present and the destratification of the air. In particular, the installation of a NORDIK HVLS SUPER BLADE allows significant advantages both in the hot and cold seasons.



### 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 envelopes 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

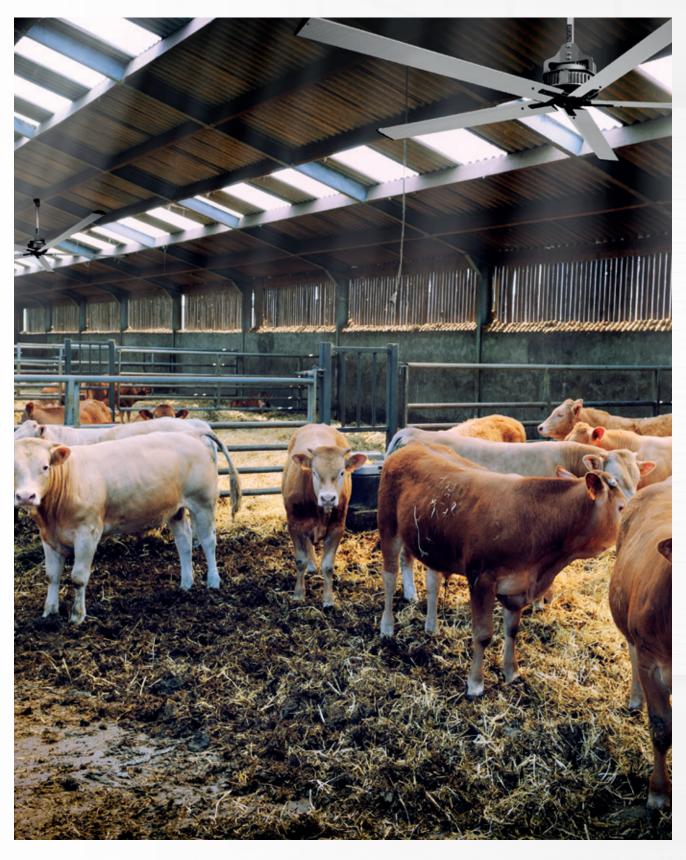
The hot air, which is less dense that cold air, concentrates in proximity of the ceiling giving rise to the phenomenon known as "stratification". The use of fans able to push the hot air downwards leads to remixing ("de-stratification"), useful for overcoming the problem, guaranteeing significant savings 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

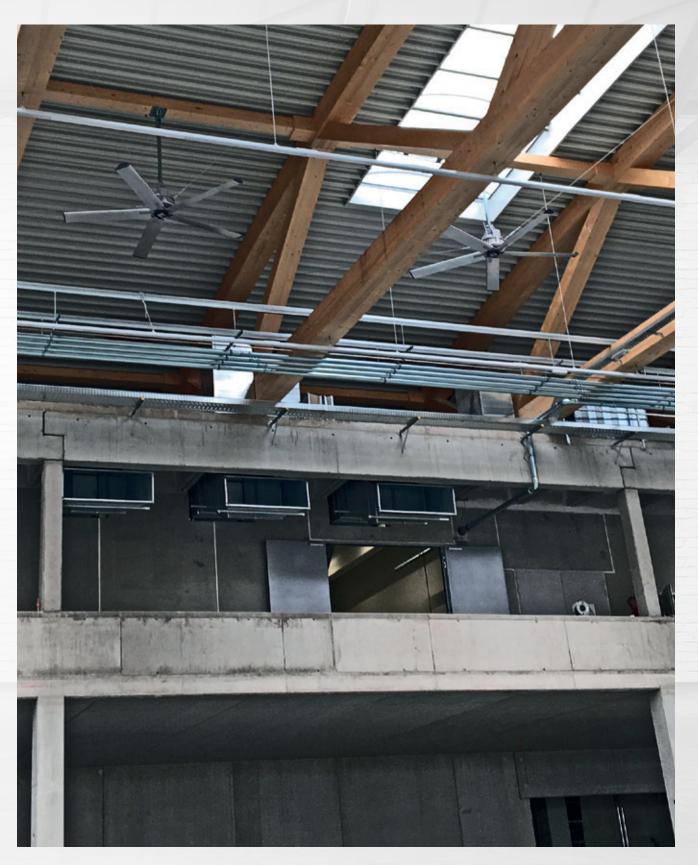
## **APPLICATIONS**



# COMMERCIAL AND INDUSTRIAL CEILING FANS



APPLICATIONS



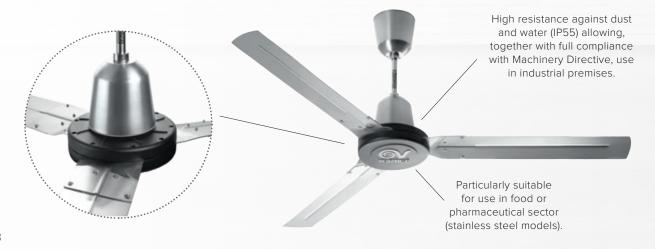


# **NORDIK® HEAVY DUTY RANGE**

Reversible ceiling fans for commercial and industrial application

Reversible ceiling-mounted fans with 3 blades, specifically designed for continuous use, even at maximum speed, in the presence of high relative humidity, high temperatures (up to 50°C environment), concentrations of dusts and corrosive vapours, heavy duty conditions typical of contexts such as process industries, livestock farms, greenhouses, etc.

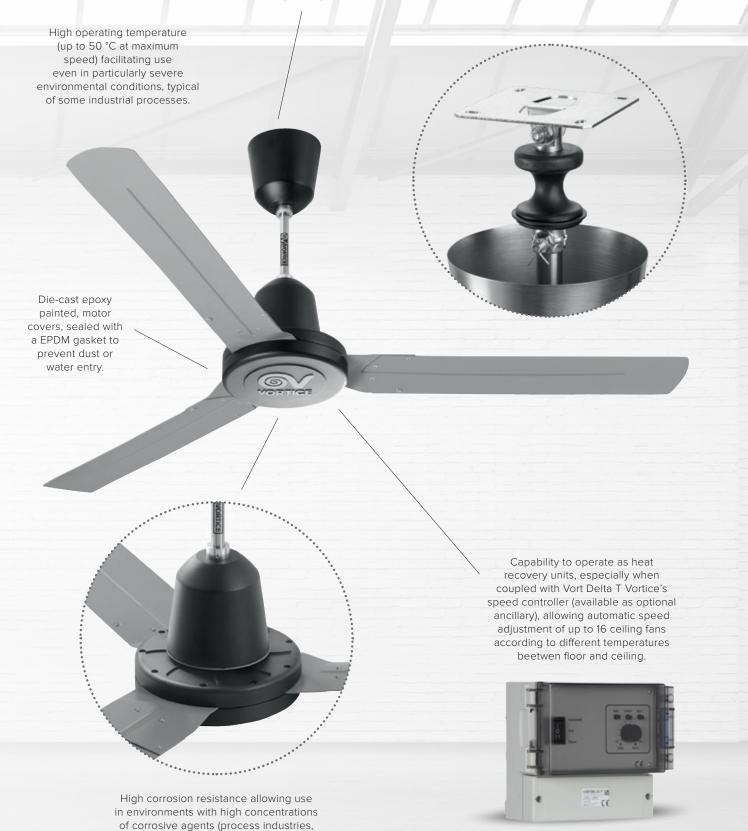
- 8 models: available in 4 sizes with 120, 140, 160 and 200 cm blades; versions with powder painted finishing and stainless steel.
- The BASE models are characterised by electro-galvanised steel sheet blades, treated with epoxy primer and successive grey epoxy paint and hammered finish. Electro-galvanised steel sheet caps, treated with epoxy primer and successive black epoxy paint and hammered finish.
- The STAINLESS STEEL models are distinguished by their blades, rods and caps in AISI 304 stainless steel with scotch brite finish. The die-cast aluminium motor covers are painted with black epoxy paint and embossed finish.
- External rotor type self-protected motors, operating clockwise and anti-clockwise, specifically designed to guarantee prolonged continuous service at maximum plate temperature in heavy duty conditions, thanks to:
  - impregnated stator windings, guaranteeing the most effective electric isolation;
  - rotors with magnetic laminations with high fused silica content in very pure aluminium fill (99.9%), inserted into a shell made in structural aluminium;
  - casings consisting of two die-cast aluminium alloy covers, painted with black epoxy powder, embossed finish, to guarantee high resistance to corrosion over time; circular, synthetic rubber gaskets (EPDM), positioned between the two shells, ensure high water and dust resistance, an essential requirement for prolonged use also in highly critical environments;
  - pair of ball bearings housed in the upper cover to prevent the risks of misalignment; a possible cause of malfunctioning over time.
- Connection terminal board to the mains, housed in the relevant box protected from dust and water.
- Support devices with 4 holes for firm and long-lasting anchorage, compatible with product mounting also in correspondence with steep sloping ceilings.
- Safety cable, compliant with the most recent international regulation regarding safety of ceiling fans, to prevent risks of fallin if the product is not installed correctly.
- Shock absorber, made up from a rubber elastic element overmoulded to an internal steel rope, designed to resist repeated start/stop cycles of the product, also at maximum speed (the life tests run allow duration of a period of 50 years of uninterrupted operation to be guaranteed).
- Bag of accessories containing the hardware necessary to mount the blades, the hook and the vibration damper rubber for ceiling mounting.
- Protection rating from dusts and water: IP55.
- Insulation class: Cl.I ⊕.
- Compliant with the requirements of European Regulation n° 206/2012 and Machine Directive (MD) 2006/42/EC.



# COMMERCIAL AND INDUSTRIAL CEILING FANS



The hanger consists of a special plate with 4 holes for tight and durable fastening, which can also be used to suspend the appliance from sloping ceilings.



agricultural farms, greenhouses...)



# **NORDIK® HEAVY DUTY RANGE**

Reversible ceiling fans for commercial and industrial application

| TECHNICAL DATA             |       |                      |     |    |     |      |     |           |                     |     |
|----------------------------|-------|----------------------|-----|----|-----|------|-----|-----------|---------------------|-----|
| MODELS                     | CODE  | COLOR                | V   | HZ | W   | Α    | RPM | NR. BLADE | MAX AIRFLOW<br>m³/h | Kg  |
| NORDIK HEAVY DUTY 120      | 61020 |                      | 230 | 50 | 80  | 0.35 | 233 | 3         | 14050               | 7.7 |
| NORDIK HEAVY DUTY 140      | 61021 | POWDER               | 230 | 50 | 80  | 0.55 | 236 | 3         | 16000               | 8.1 |
| NORDIK HEAVY DUTY 160      | 61022 | PAINTED<br>FINISHING | 230 | 50 | 85  | 0.37 | 210 | 3         | 19300               | 8.6 |
| NORDIK HEAVY DUTY 200      | 61023 |                      | 230 | 50 |     |      | 186 | 3         | 22050               | 9.5 |
| NORDIK HEAVY DUTY 120 INOX | 61024 |                      | 230 | 50 |     | 0.35 | 233 | 3         | 14050               | 7.3 |
| NORDIK HEAVY DUTY 140 INOX | 61025 | STAINLESS            | 230 | 50 | 80  |      | 236 | 3         | 16000               | 7.7 |
| NORDIK HEAVY DUTY 160 INOX | 61026 | STEEL                | 230 | 50 | 0.5 | 0.07 | 210 | 3         | 19300               | 8.2 |
| NORDIK HEAVY DUTY 200 INOX | 61027 |                      | 230 | 50 | 85  | 0.37 | 186 | 3         | 22050               | 9.1 |

# $NORDIK^{^{\otimes}}\ EVOLUTION\ GOLD\ RANGE\ |\ TECHNICAL\ DATA\ FOR\ REGULATION\ N^{\circ}\ 206/2012\ UE$

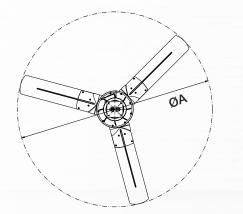
|                           | SYMBOL | UNIT      | HD 120 | HD 140 | HD 160 | HD 200 | HD 120<br>INOX | HD 140<br>INOX | HD 160<br>INOX | HD 200<br>INOX |
|---------------------------|--------|-----------|--------|--------|--------|--------|----------------|----------------|----------------|----------------|
| CODE                      |        |           | 61020  | 61021  | 61022  | 61023  | 61024          | 61025          | 61026          | 61027          |
| Maximun fan air flow      | F      | m³/min    | 234.00 | 266.60 | 321.60 | 367.50 | 234.00         | 266.60         | 321.60         | 367.50         |
| Fanpower input            | Р      | W         | 80     | 80     | 85     | 85     | 80             | 80             | 85             | 85             |
| Service value             | SV     | (m³/min)W | 2.925  | 3.332  | 3.780  | 4.320  | 2.925          | 3.332          | 3.780          | 4.320          |
| Standby power consumption | PSB    | kW        |        |        | -      |        | = 2            |                |                | 1              |
| Fan sound power level     | LWA    | dB(A)     | 51.8   | 55.4   | 55.6   | 56.4   | 51.8           | 55.4           | 55.6           | 56.4           |
| Maximum air velocity      | С      | m/sec     | 1.54   | 1.35   | 1.20   | 1.46   | 1.54           | 1.35           | 1.20           | 1.46           |

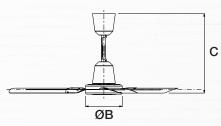
Measurement standard for service value

IEC 60879; EN62301: UNI EN ISO 3741

For more information refer to: Vortice Elettrosociali Spa, Strada Cerca, 2 - 20067 Zoate di Tribiano (MI) Italia

## DIMENSIONS





| MODELS                | CODE          | ØA   | В   | С   |
|-----------------------|---------------|------|-----|-----|
| NORDIK HEAVY DUTY 120 | 61020 - 61024 | 1218 | 230 | 495 |
| NORDIK HEAVY DUTY 140 | 61021 - 61025 | 1422 | 230 | 495 |
| NORDIK HEAVY DUTY 160 | 61022 - 61026 | 1524 | 230 | 495 |
| NORDIK HEAVY DUTY 200 | 61023 - 61027 | 2000 | 230 | 495 |

Dimensions (mm)





# **NORDIK® HEAVY DUTY RANGE**

Reversible ceiling fans for commercial and industrial application

#### **ACCESSORIES**

#### **CEILING RODS**

Various lenghts to enable installation at desired height.



#### POWDER PAINTED FINISHING

Rod 290 mm (code 22717) Rod 665 mm (code 22718) Rod 915 mm (code 22719)



#### STAINLESS STEEL

Rod 290 mm (code 22721) Rod 665 mm (code 22722)



Rod 915 mm (code 22723)



KIT SPARE BLADE

#### POWDER PAINTED FINISHING

Kit blade 1200 mm (code 22724) Kit blade 1400 mm (code 22725) Kit blade 1600 mm (code 22726) Kit blade 2000 mm (code 22727)



Kit blade 1200 mm (code 22728) Kit blade 1400 mm (code 22729) Kit blade 1600 mm (code 22730) Kit blade 2000 mm (code 22731)

#### SCRR5 (code 12963)



- 5-position reversible speed controller for ceiling-mounted fans without light.
- Convertible to flush-mounted using SCBRR5/5L/M.
- 220-240V ~ 50 Hz.
- Maximum load: 100W.
- Weight: 0.58 Kg.
- Double insulation

#### SCNR5 (code 12955)



- 5 position speed controller for ceiling-mounted fans without light.
- Convertible to flushmounted using SCB5 Kit. 220-240V ~ 50 Hz. Maximum load: 100W.

- Weight: 0.58 Kg.w
- Double insulation

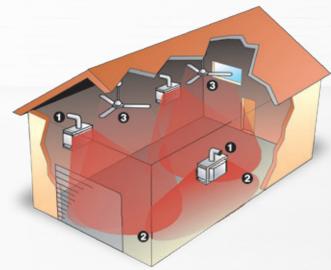
#### **MULTIPLE SPEED CONTROLLER**



#### VORT DELTA T (Code 13039) MULTIPLE SPEED CONTROLLER UP TO 16 CEILING FANS

The intelligent control system. Simply clever: Intelligentmanagement ensures optimal, draughtfree operation Vort Delta T - the heart of the System.

- The new, intelligent control unit Vort Delta T is equipped with two semiconductor temperature sensors (included in the package), installed respectively at ceiling and floor level.
- Electrical power is with a normal two-phase cable, of up to 50 metres in length.
- The control unit registers the temperature at ceiling and floor level up to 60 times per minute, calculates the temperature differential and in accordance with this, regulates the operatingspeed of the fans. When the heat layer has been dissipated and the temperature differential has been reduced to an acceptable level, the Vort Delta T automatically switches the fans off.
- The minimal temperature differential, at which level the unit is activated, is adjustable, as are the lower and higher rotational fan speeds so as to avoid draughts. This also applies to permanent operation (e.g. during summer for cooling).
- This fully automatic control system governs the system optimally, without necessitating adjustment by the users. In this manner, unauthorised meddling with the system is impossible.



- The commercial building has a warm air heating system.
- With the aid of adjustable laminar blades, the warm air is directed downwards in the recreation or working area.
- Due to the fact that warm air has a lower specific weight than cold air, the warm air rises to ceiling height and accumulates there. The sensor controls registers the increasing temperature difference between the floor and ceiling. The Nordik fans are controlled so that the warm air from the ceiling is conducted back into the recreating or working area without causing a draught. As soon as the temperature difference between the ground and ceiling areas is in equilibrium, the Vort Delta T system automatically switches the fans off.



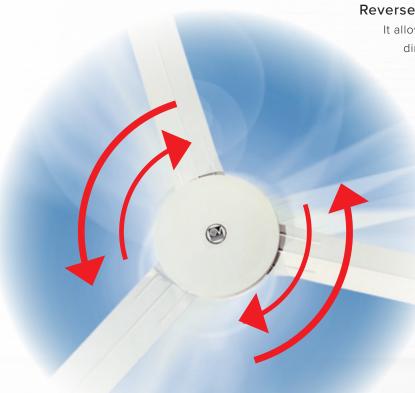


# **NORDIK® INTERNATIONAL PLUS-R RANGE**

Reversible ceiling fans

Reversible ceiling-mounted fans with 3 blades, ideal for use in the presence of high relative humidity and splashes of water typical of contexts such as process industries, livestock farms, greenhouses, etc.

- Nominal diameter of blades 1400 mm.
- Top and bottom motor covers moulded from heat-resistant and UV-resistant thermoplastic resin (ABS), colour white.
- Wiring connections at end of ceiling rod concealed by domes moulded from impact- and UV-resistant PP, colour white.
- single phase start capacitor motor with external rotor, and shaft turning in ball bearings. Direction of rotation reversible.
- Maximum air flow: 13.500 m<sup>3</sup>/h.
- 3 galvanized sheet steel blades powder coated with scratch-resistant polyester, colour white.
- Steel ceiling rod with polyester powder coated finish, colour white, length 375 mm.
- Bag of accessories containing nuts and bolts required for assembly of blades, ceiling hook and rubber anti-vibration washer.
- Speed selectable by way of control units (optional)
- Enclosure rating IPX5 ensuring complete protection from water spray.
- Insulation class: Cl.I ⊕.



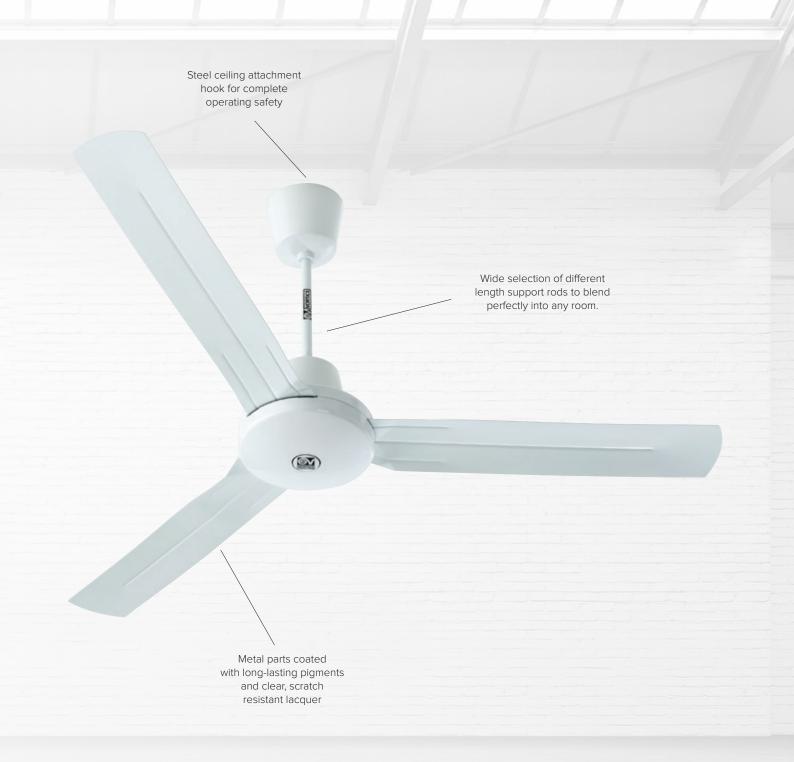
#### Reverse function

It allows to reverse the air flow direction from floor to ceiling:
 this means that the flow is
 no longer direct, but wider
 and moreall-round. It
 also helps reducing
 the difference in
 temperature between
 the floor (where the
 temperature is lower)
 and the ceiling (where
 it is winter time).



# COMMERCIAL AND INDUSTRIAL CEILING FANS







# NORDIK® INTERNATIONAL PLUS-R RANGE

Reversible ceiling fans

| TECHNICAL DATA                           |       |       |           |    |    |      |     |           |                     |     |
|--|-------|-------|-----------|----|----|------|-----|-----------|---------------------|-----|
| MODELS                                   | CODE  | COLOR | V         | HZ | W  | Α    | RPM | NR. BLADE | MAX AIRFLOW<br>m³/h | Kg  |
| NORDIK INTERNATIONAL PLUS-R 140/56" IPX5 | 61742 | WHITE | 220 - 240 | 50 | 70 | 0.33 | 231 | 3         | 13500               | 6.2 |

# NORDIK<sup>®</sup> INTERNATIONAL PLUS-R | TECHNICAL DATA FOR REGULATION N° 206/2012 UE

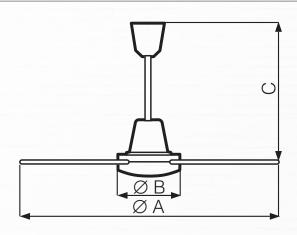
|                           | SYMBOL | UNIT      | PLUS 140/56" IPX5 |
|---------------------------|--------|-----------|-------------------|
| CODE                      |        |           | 61742             |
| Maximum fan air flow      | F      | m³/min    | 225.00            |
| Fanpower input            | Р      | W         | 70                |
| Service value             | SV     | (m³/min)W | 3.214             |
| Standby power consumption | PSB    | kW        |                   |
| Fan sound power level     | LWA    | dB(A)     | 52.1              |
| Maximum air velocity      | С      | m/sec     | 1.69              |
|                           |        |           |                   |

Measurement standard for service value

IEC 60879; EN62301: UNI EN ISO 3741

For more information refer to: Vortice Elettrosociali Spa, Strada Cerca, 2 - 20067 Zoate di Tribiano (MI) Italia

#### **DIMENSIONS**



| MODELS                                   | CODE  | ØA   | ØB  | С   |
|--|-------|------|-----|-----|
| NORDIK INTERNATIONAL PLUS-R 140/56" IPX5 | 61742 | 1422 | 230 | 495 |

Dimensions (mm)





# **NORDIK® INTERNATIONAL PLUS-R RANGE**

Ceiling fans

#### **ACCESSORIES**

#### TELENORDIK 5TR (code 22386)



- New infrared remote control 5 speeds-timer-reverse
- The receiver is hidden inside the fan casing, with only the tip in which the sensor is located protruding.
- Uses infrared transmission to eliminate possible interference with radios or other electrical units.
- Set consists of a receiver, which is fitted to the fan ceiling rod. a transmitter, which sends the desired commands to the fan and a transmitter carrying case which can be fixed to the wall.
- Provided with LED indicators showing operation and "stand-by" status (power on).
- Remote-control range: approximately 13 meters line of sight.
- Fan and remote-control unit are both IMQ approved. Easy to install as connections between the fan and fixed
- speed regulator are not necessary.

| ■ Transmitte | ,         |            | ,   | ik rec | eiver.                                |         |  |
|--------------|-----------|------------|-----|--------|---------------------------------------|---------|--|
| Remote co    | ontrol    |            |     |        | infra                                 | ared    |  |
| Receiver \   | olt at 50 | —— —<br>Hz | Hz  |        | 220                                   | -240    |  |
| Stand by     |           |            | W   |        | 0.558                                 |         |  |
| Maximum      | load Watt |            | W   |        | 10                                    | 00      |  |
| Transmitte   | r battery |            | -   | 2      | хАА                                   | A 1.5 V |  |
| Receiver     |           |            | Kg  |        | 0.                                    | 76      |  |
| Transmitte   | r         |            | Kg  |        | 0.0                                   | 06      |  |
| Insulation   |           |            | -   |        | CI                                    | . II    |  |
|              | D         |            |     | A      | 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 | O       |  |
| Models       | Α         | В          | С   | D      | ,                                     | E       |  |
| 5TR          | 20        | 43         | 155 | 15     | 4                                     | 62      |  |

## **CEILING RODS**

Dimensions (mm)

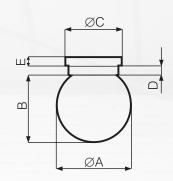
Various lenghts to enable installation at desired height.



WHITE Asta NK I 200 mm (code 22632) Asta NK I 250 mm (code 22633) Asta NK I 350 mm (code 22642) Asta NK I 500 mm (code 22651) Asta NK I 750 mm (code 22674) Asta NK I 1000 mm (code 22677)

#### PLUS LIGHT KIT (code 22415)





- Kit for all the Nordik International Plus models.
- Lamp: max 150 W with E27 fitting.

| Models          | ØA  | В   | ØC  | D  | E  | Kg  |
|-----------------|-----|-----|-----|----|----|-----|
| Decor Light Kit | 200 | 180 | 130 | 35 | 20 | 1.8 |

#### SCNR5 (code 12955)



- 5 position speed controller for ceiling-mounted fans without light.
- Convertible to flushmounted using SCB5 Kit. 220-240V ~ 50 Hz.
- Maximum load: 100W.
- Weight: 0.58 Kg.w
- Double insulation.

### SCNR/M (code 12982)



- Electronic speed controller for use with up to 6 ceiling-mounted fans.
- Convertible to flush-mounted. 220-240V ~ 50 Hz.
- Maximum load: 450W (2.5 A).
- Weight: 0.2 Kg.
- Double insulation.

#### KIT SCB5 (code 22483)



Kit to convert SCNR5 and SCNRL5 5 position controllers from surface to flush mounted.

#### SCNRL5 (code 12957)



- 5 position speed controller for ceiling-mounted fans with light.
- Convertible to flushmounted using SCB5 Kit. 220-240V ~ 50 Hz.
- Maximum load: 250W.
- Weight: 0.58 Kg.
- Double insulation.

### C 2.5 (code 12967)



- Electronic speed controller for use with up to 6 ceiling-mounted fans.
- Convertible to flushmounted using SCB5 Kit. 220-240V ~ 50 Hz.
- Maximum load: 450W (2.5 A).
- Weight: 0.2 Kg.
- Double insulation.

#### KIT SCB (code 22481)



Kit to convert C 2.5 electronic speed controller from surface to flush mounted.

## COMMERCIAL AND INDUSTRIAL **CEILING FANS**



#### FLUSH OR WALL MOUNTED CONTROLS

SC 503 B (cod. 12801)



SC 503 N (cod. 12802)



SC EXT B (cod. 12803)

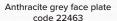


Thanks to their simple innovative design, these units more than meet the aesthetics expected of them for both domestic and commercial applications. Backing plate, knob, sliders and adapters made from polycarbonate; face plate and controller for wall mounting made from UV-resistant ABS. On the white and anthracite grey flush mounted versions, the knob and face plate are in matching colours. Both the flush and wall mounted version come with:

- $\blacksquare$  knob with settings from 0 to 5 for various speeds (0 = OFF, 1-5 = fan speed);
- a LED that shows when the fan is ON.
- two slider switches one for the light and the other to reverse the fan (where applicable).
   Vortice ceiling fan controls are IMQ approved solely and exclusively for use with Vortice ceiling fans.

#### AVAILABLE OPTIONAL ANCILLARIES



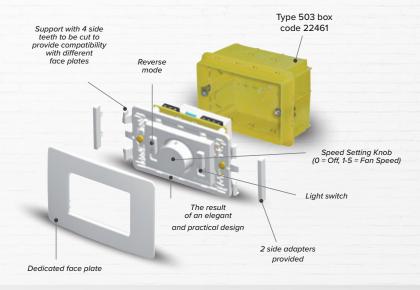




White face plate code 22462



Recessed versions, thanks to an intermediate adjustable support, can be coupled with various existing standard face plates, satisfying diverse aesthetic requirements.



Power supply voltage (V): 220 - 240 Power supply frequency (Hz): 50 Max power consumption (W): 18

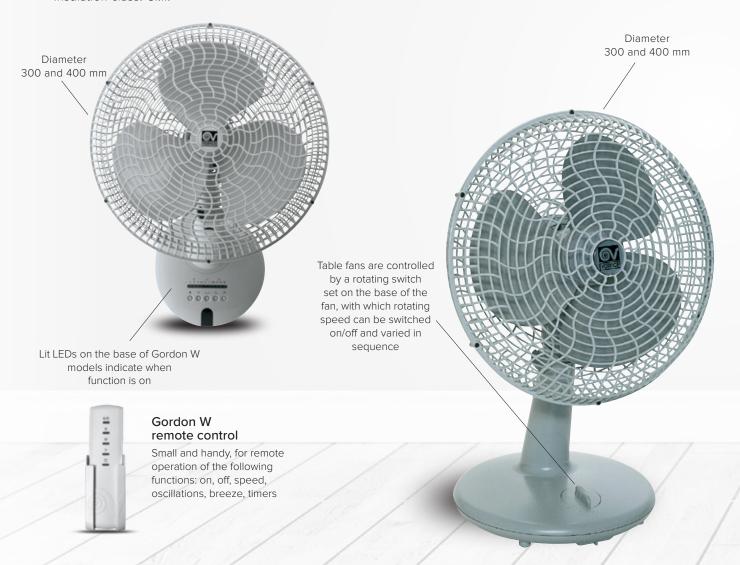


# **GORDON** RANGE

## Oscillating table, wall-mounting and pedestal fans

Suitable for domestic applications: kitchens, bathrooms, of ces, shops, restaurants, bars, etc....

- 6 models: 2 table models, 2 wall models and 2 stand models.
- 2 nominal diameter 300 and 400 mm.
- Material: plastic resin able to withstand aging induced by exposure to sunlight (UV-resistant), and formulated with an antistatic compound to prevent accumulation of dust.
- 3 speed asynchronous motor with thermal overload protection and shaft turning in self-aligning and self-lubricating bushings, coupled to oscillating mechanism generating movement through an angle of approx 90° maximum.
- Motor housing equipped with hinge and clamp knob for adjustment of tilt angle.
- Rotary on/off switch and fan speed selector.
- On/off switch and speed selector (rotary control incorporated into rear of motor housing)
- Power cord with moulded plug.
- Equipped with stretch spiral power cord including plug.
- Maximum airflow 4000 m<sup>3</sup>/h.
- IMQ SAFETY and IMQ PERFORMANCE certifications.
- Protection rating: IP20
- Insulation class: Cl.II.





# **GORDON** RANGE

Oscillating table, wall-mounting and pedestal fans

| TECHNICAL DATA     |       |       |         |       |    |      |      |           |                     |    |     |
|--------------------|-------|-------|---------|-------|----|------|------|-----------|---------------------|----|-----|
| MODELS             | CODE  | COLOR | V       | HZ    | W  | Α    | RPM  | NR. BLADE | MAX AIRFLOW<br>m³/h | IP | Kg  |
| GORDON 30/12"      | 60610 |       |         |       | 35 | 0.18 | 1300 |           | 2400                |    | 2.4 |
| GORDON 40/16"      | 60615 | grey  |         |       |    |      |      |           |                     |    | 2.7 |
| GORDON C 40/16"    | 60620 |       | 220-240 | F0/60 | 40 | 0.19 | 1145 | 3         | 4000                | =  | 5.4 |
| GORDON C 40/16" N  | 60621 | black | 220-240 | 50/60 |    |      |      | 3         |                     |    | 5.4 |
| GORDON W 30/12" ET | 60643 |       |         |       | 35 | 0.18 | 1300 |           | 2400                | 20 | 2.7 |
| GORDON W 40/16" ET | 60641 | grey  |         |       | 40 | 0.19 | 1145 |           | 4000                | 20 | 3.0 |

## GORDON RANGE | TECHNICAL DATA FOR REGULATION N° 206/2012 UE

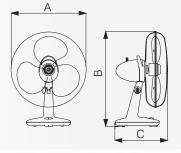
|                           | SYMBOL | UNIT      | GORDON<br>30/12" | GORDON<br>40/16" | GORDON C<br>40/16" | GORDON C<br>40/16" N | GORDON W<br>30/12" ET | GORDON W<br>40/16" ET |
|---------------------------|--------|-----------|------------------|------------------|--------------------|----------------------|-----------------------|-----------------------|
| CODE                      |        |           | 60610            | 60615            | 60620              | 60621                | 60643                 | 60641                 |
| Maximun fan air flow      | F      | m³/min    | 40.00            | 66.67            | 66.67              | 66.67                | 40.00                 | 66.67                 |
| Fanpower input            | Р      | W         | 35               | 40               | 40                 | 40                   | 35                    | 40                    |
| Service value             | SV     | (m³/min)W | 1.143            | 1.667            | 1.667              | 1.667                | 1.143                 | 1.667                 |
| Standby power consumption | PSB    | kW        | 0                | 0                | 0                  | 0                    | 0.9950                | 0.9950                |
| Fan sound power level     | LWA    | dB(A)     | 50.8             | 57.2             | 57.2               | 57.2                 | 50.8                  | 57.2                  |
| Maximum air velocity      | С      | m/sec     | 1.70             | 1.61             | 1.61               | 1.61                 | 1.70                  | 1.61                  |

Measurement standard for service value

IEC 60879; EN62301: UNI EN ISO 3741

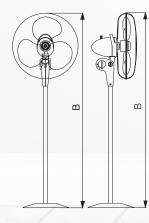
For more information refer to: Vortice Elettrosociali Spa, Strada Cerca, 2 - 20067 Zoate di Tribiano (MI) Italia

## **DIMENSIONS**



| MODELS        | ØA  | В     | С     |
|---------------|-----|-------|-------|
| GORDON 30/12" | 364 | 523.5 | 302.6 |
| GORDON 40/16" | 458 | 570.5 | 302.6 |

Dimensions (mm)



| ØA   |       |
|------|-------|
|      |       |
|      |       |
| (00) | m > 1 |
|      |       |
|      | V c   |

| MODELS             | ØA  | В   | С   |
|--------------------|-----|-----|-----|
| GORDON W 30/12" ET | 365 | 550 | 335 |
| GORDON W 40/16" ET | 460 | 600 | 335 |

| GORDON W 40/16" ET | 460 | 600 |   |
|--------------------|-----|-----|---|
| Dimensions (mm)    |     |     |   |
|                    |     |     | 1 |

| MODELS            | ØA  | В        | С   |
|-------------------|-----|----------|-----|
| GORDON C 40/16"   | 458 | min 1480 | 420 |
| GORDON C 40/16" N | 458 | max 1800 | 420 |

Dimensions (mm)



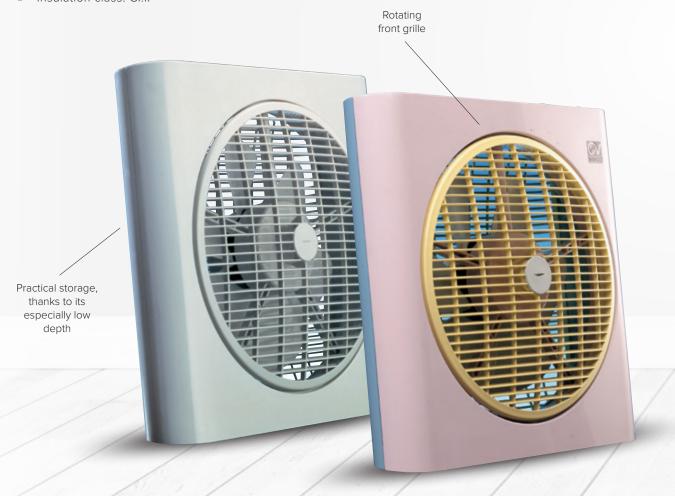


# **ARIANTE® RANGE**

## Rotating, multi-directional

Suitable for domestic and commercial applications due to its unique spiral airfow.

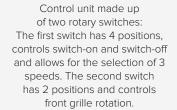
- Casing moulded from plastic resin able to withstand aging induced by exposure to sunlight (UV-resistant), and formulated with an antistatic compound to prevent accumulation of dust.
- Component parts are made in 5 pastel colours (pale yellow, grey, pink, sky blue, light green). Parts are assembled entirely at random, so that the mix of colours will always be different and the visual effect always pleasing and harmonious. There are no less than 78,125 possible combinations. In practice, every Ariante® 30 Arlecchino is different from all others of the series: a unique example of industrial art.
- Nominal diameter: 300 mm
- Protective grilles made of ABS impact- and UV-resistant thermoplastic resin: front grille rotatable, rear grille fixed.
- Fan rotor moulded from ABS thermoplastic resin.
- 3 speed asynchronous motor with shaft turning in self-aligning and self-lubricating bushings; thermal overload protection.
- Air flow 1300 m<sup>3</sup>/h
- Front grille rotation mechanism incorporating synchronous motor with rubber gear housed in the front part of the casing.
- Provided with two rotary switches: The first switch, which has 4 positions (OFF-1-2-3), is used to turn the fan on and off and select the three speeds of the rotor; the second switch, which has 2 positions (ON and OFF), is used to control the rotation of the front grille by turning the synchronous drive motor on or off.
- PVC power cord, length 1.80 m, with 10A moulded plug conforming to the requirements of the EU Machinery Directive.
- IM Q safety and performance certifications
- Recipient of the Compasso D'oro award for product design
- Insulation class: CI.II



## **SUMMER VENTILATION**



Practical storage, thanks to its especially low depth



The power cable can be wound and retracted into the corresponding niche at the bottom of the unit



Easy removable front grille for simple cleaning and maintenance



# **ARIANTE® RANGE**

# Rotating, multi-directional

| TECHNICAL DATA —      |       |             |           |   |      |      |           |                     |     |
|-----------------------|-------|-------------|-----------|---|------|------|-----------|---------------------|-----|
| MODELS                | CODE  | COLOR       | V 50/60HZ | W | Α    | RPM  | NR. BLADE | MAX AIRFLOW<br>m³/h | Kg  |
| ARIANTE 30            | 60790 | GREY        | 220 - 240 | 3 | 0.17 | 1075 | 6         | 1306                | 3.5 |
| ARIANTE 30 ARLECCHINO | 60795 | MULTI COLOR | 220 - 240 | 3 | 0.17 | 1075 | 0         | 1300                | 3.5 |

# $\textbf{ARIANTE}^{\$} \ \textbf{RANGE} \ | \ \textbf{TECHNICAL DATA FOR REGULATION N}^{\$} \ \textbf{206/2012 UE}$

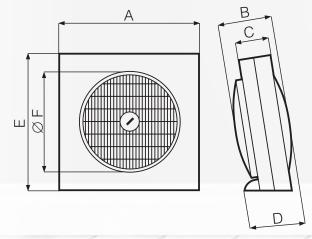
|                           | SYMBOL | UNIT      | ARIANTE 30 | ARIANTE 30 ARLECCHINO |
|---------------------------|--------|-----------|------------|-----------------------|
| CODE                      |        |           | 60643      | 60641                 |
| Maximun fan air flow      | F      | m³/min    | 40.00      | 66.67                 |
| Fanpower input            | Р      | W         | 35         | 40                    |
| Service value             | SV     | (m³/min)W | 1.143      | 1.667                 |
| Standby power consumption | PSB    | kW        | 0.9950     | 0.9950                |
| Fan sound power level     | LWA    | dB(A)     | 50.8       | 57.2                  |
| Maximum air velocity      | С      | m/sec     | 1.70       | 1.61                  |

Measurement standard for service value

IEC 60879; EN62301: UNI EN ISO 3741

For more information refer to: Vortice Elettrosociali Spa, Strada Cerca, 2 - 20067 Zoate di Tribiano (MI) Italia

## **DIMENSIONS**



| MODELS                | Α   | В   | С  | D   | Е   | ØF  |
|-----------------------|-----|-----|----|-----|-----|-----|
| ARIANTE 30            | 440 | 162 | 90 | 175 | 440 | 225 |
| ARIANTE 30 ARLECCHINO | 440 | 162 | 90 | 1/5 | 440 | 335 |
| Dimensions (mm)       |     |     |    |     |     |     |





# **ARIANTE® TOWER SUPER**

Oscillating tower fan

A latest generation fan, attractively styled and capable of guaranteeing effective cooling even over longer distances.

- Outer casing, base, tangential (cross-flow) impeller, scroll and remote control shell moulded from thermoplastic resin (ABS).
- Supporting structure provided by two extruded aluminium columns, one on either side, connected to the base and rotatable about a vertical axis through 60° approx to channel the flow of air in the preferred direction.
- 3 speed induction motor with start capacitor, shaft turning in high quality self-aligning and self-lubricating bushings; protected by thermal load limiter.
- Air flow 1300 m<sup>3</sup>/h.
- Mechanism inducing oscillation about vertical axis, driven by synchronous electric motor.
- Infrared remote control supplied as standard
- Remote control functions duplicated by Soft Touch local controls positioned at the top of the tower and protected by a cover provided with cushioned retaining catch.
- Set of luminous indicators located on the top front section of the tower casing, showing the selected operating mode of the appliance.
- PVC power cord, length 2 m, with 10A moulded plug (versions also available with Schuko 16A plug and UK 13A plug).
- Insulation class: Cl.II





The on-board "soft touch" type controls replicate the remote control functions. They are housed at the top of the unit and protected by a cover fitted with a shockproof opening/ closing system





Indicator light unit near the top of the front fan casing displays the set operating mode.



# ARIANTE® TOWER SUPER

Oscillating tower fan

| TECHNICAL DATA -    |       |       |           |       |    |      |      |           |                     |     |
|---------------------|-------|-------|-----------|-------|----|------|------|-----------|---------------------|-----|
| MODELS              | CODE  | COLOR | V         | HZ    | W  | Α    | RPM  | NR. BLADE | MAX AIRFLOW<br>m³/h | Kg  |
| ARIANTE TOWER SUPER | 63015 | GREY  | 220 - 240 | 50/60 | 40 | 0.18 | 1200 | Tang.     | 2323                | 5.2 |

# ARIANTE® RANGE | TECHNICAL DATA FOR REGULATION N° 206/2012 UE

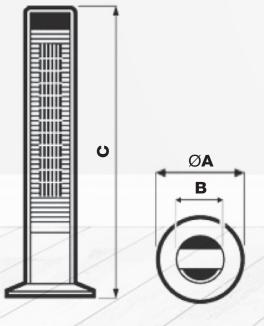
|                           | SYMBOL | UNIT      | ARIANTE TOWER SUPER |
|---------------------------|--------|-----------|---------------------|
| CODE                      |        |           | 63015               |
| Maximun fan air flow      | F      | m³/min    | 38.72               |
| Fanpower input            | Р      | W         | 40                  |
| Service value             | SV     | (m³/min)W | 0.968               |
| Standby power consumption | PSB    | kW        | 0.7240              |
| Fan sound power level     | LWA    | dB(A)     | 55.2                |
| Maximum air velocity      | С      | m/sec     | 2.52                |

Measurement standard for service value

IEC 60879; EN62301: UNI EN ISO 3741

For more information refer to: Vortice Elettrosociali Spa, Strada Cerca, 2 - 20067 Zoate di Tribiano (MI) Italia

### **DIMENSIONS**



| MODELS              | CODE  | ØA  | В   | С    |
|---------------------|-------|-----|-----|------|
| ARIANTE TOWER SUPER | 63015 | 306 | 172 | 1050 |

Dimensions (mm)



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