

# Technical Data Sheet

CODE 15920

## TORRETTA TRT 210 ED 6P

Centrifugal roof fans with horizontal discharge for hot fumes extraction



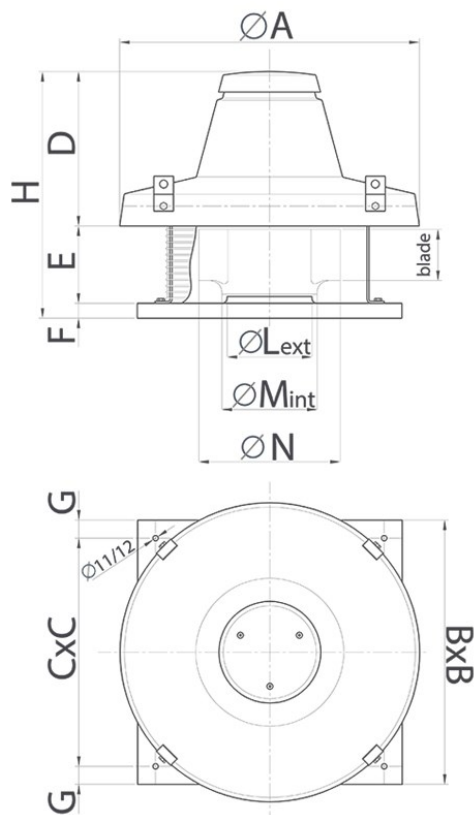
### Certifications



### TECHNICAL AND PERFORMANCE DATA

|                                                       |      |                                     |         |
|-------------------------------------------------------|------|-------------------------------------|---------|
| Absorbed Current max (A)                              | 6,42 | Number of Poles                     | 6       |
| Absorbed Power max (W)                                | 3460 | Voltage (V)                         | 380-415 |
| Frequency (Hz)                                        | 50   | Weight (Kg)                         | 222     |
| Insulation Class                                      | I°   | Delivery max (l/s)                  | 5000    |
| Max ambient temperature for continuous operation (°C) | 90   | Delivery max (m³/h)                 | 18000   |
| Motor IP protection                                   | 55   | Pressure max (mmH2O)                | 80      |
| Nominal Diameter (mm)                                 | 560  | Pressure max (Pa)                   | 785     |
| Number of Phases (Ph)                                 | 3    | RPM                                 | 950     |
|                                                       |      | Sound Pressure level Lp [dB (A)] 3m | 84      |

### DIMENSIONS



|             |      |
|-------------|------|
| Size A (mm) | 1165 |
| Size B (mm) | 980  |
| Size C (mm) | 900  |
| Size D (mm) | 605  |
| Size E (mm) | 383  |
| Size F (mm) | 38   |
| Size G (mm) | 40   |
| Size H (mm) | 1026 |
| Size L (mm) | 520  |
| Size M (mm) | 529  |
| Size N (mm) | 805  |

#### PER INFORMAZIONI:

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

Pre & Post Vendita: fax +39 02 90699302

Email prevendita: prevendita@vortice-italy.com

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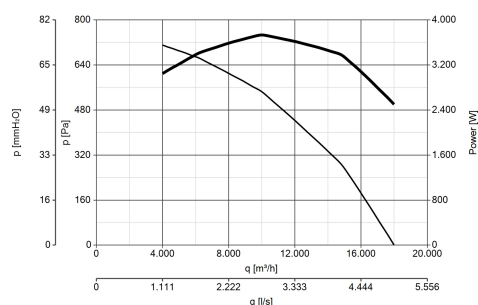
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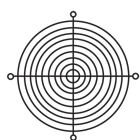
### DESCRIPTION

- Centrifugal roof fan suitable for extracting hot fumes at up to 400 °C for 120 minutes.
- Base manufactured from phosphated pressed steel, epoxy powder coated with hammered effect finish, guaranteeing long-term resistance to atmospheric agents.
- Aerodynamically contoured inlet port for optimum performance, fashioned as a single unit with the base and gauged to optimize air flow.
- Motor mounting plate made of steel with galvanization surface treatment.
- Pressed steel motor cover: pickled and phosphated surface, polyester powder coated and oven baked finish, colour grey, with hammered texture.
- Accident prevention and anti-bird grilles (to UNI ISO 13857 standard), consisting of electrically welded steel rings with epoxy powder coated finish, colour black.
- Centrifugal impeller with self-cleaning backward curved blades, dynamically balanced (UNI ISO 1940, Point 1 – Class 6.3), made of electrolytically galvanized pressed steel.
- 1 speed three-phase AC motor with shaft turning in ball bearings, size to UNEL MEC standard, flange B5, self-ventilating. Motor insulation class H, with metal cooling fan and cable gland.
- Maximum air flow: 18000 m<sup>3</sup>/h.
- Equipped with a motor start capacitor that must be installed remotely from the fan so that it cannot be damaged through direct exposure to heat.
- Galvanized steel eye lugs for transport and lifting/handling operations.
- Cable guaranteeing continuity of earth connection.
- Steel safety wire for anchoring the appliance once installed.

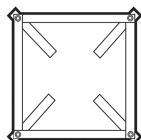
### CURVES



### ACCESSORIES



**TR-G**  
**100/150/180/210**  
**6-8P(GRIGLI**  
**APROT.)**  
Code 22507



**TR-CU**  
**100/150/180/210**  
**6-**  
**8P(CONTROT.BASE)TRIF.)**  
Code 22540



**TR-CVT**  
**(COMMUTATORE**  
**VELOCITA'**  
**TRIF.)**  
Code 22910



**IRET INVERTER**  
**8 M**  
Code 12821

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