

# Technical Data Sheet

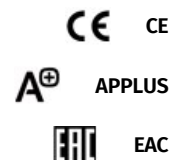
CODE 15920

## TORRETTA TRT 210 ED 6P

Centrifugal roof fans with horizontal discharge for hot fumes extraction



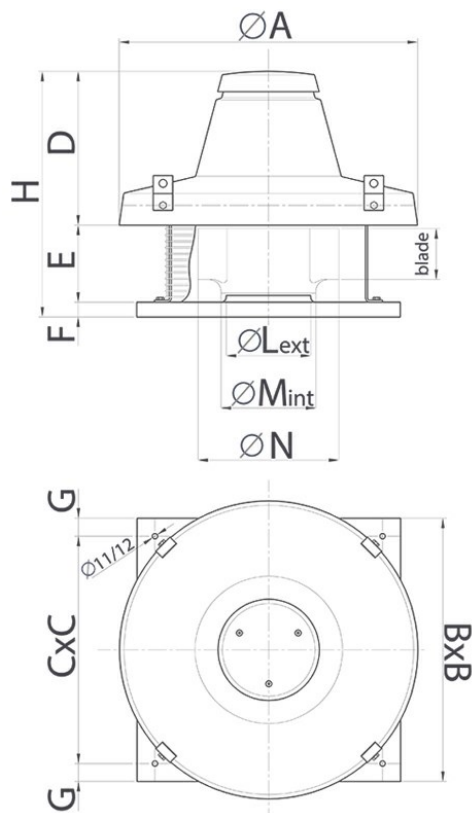
### Certifications



### 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	1°	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](mailto:prevendita@vortice-italy.com)

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## TORRETTA TRT 210 ED 6P

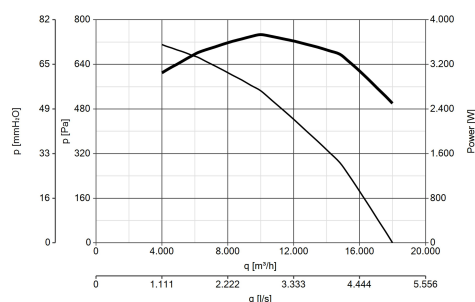
Centrifugal roof fans with horizontal discharge for hot fumes extraction



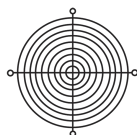
### DESCRIPTION

- 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.

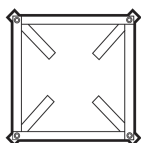
### CURVES



### 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'  
Code 22910



**IRET INVERTER**  
8 M  
Code 12821

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