

# Technical Data Sheet

CODE 15048

## TORRETTA TRM 50 ED 4P

Centrifugal roof fans with horizontal discharge for hot fumes extraction



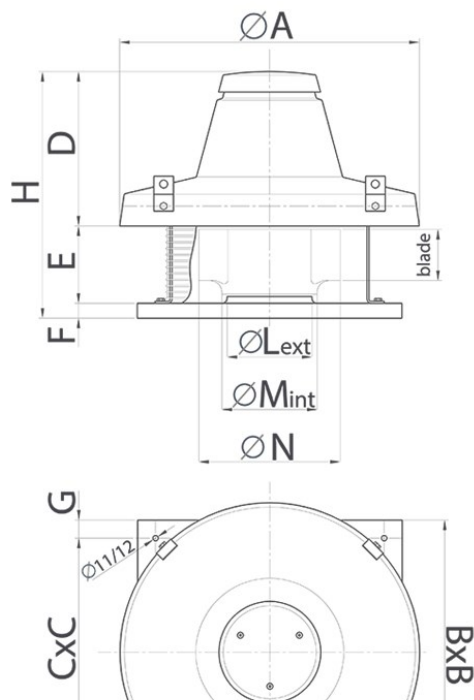
### Certifications



### TECHNICAL AND PERFORMANCE DATA

Frequency (Hz)	50	Number of poles	4
Insulation class	I°	Voltage (V)	220-240
Max absorbed current (A)	3,30	Weight (Kg)	40
Max absorbed power (W)	720	Max airflow (l/s)	1250
Max ambient temperature for continuous operation (°C)	90	Max airflow (m³/h)	4500
Motor ATEX marking	55	Max pressure (mmH2O)	52
Nominal diameter (mm)	300	Max pressure (Pa)	510
Number of phases (Ph)	1	RPM	1290
		Sound pressure Lp [dB (A)] at 3 m	72,5

### DIMENSIONS



Size A (mm)	780
Size B (mm)	550
Size C (mm)	500
Size D (mm)	397
Size E (mm)	243
Size F (mm)	38
Size G (mm)	25
Size H (mm)	678
Size L (mm)	292
Size M (mm)	298
Size N (mm)	454

PER INFORMAZIONI / FOR INFORMATION

#### ITALY

Pre Sales:

prevendita@vortice-italy.com

After Sales:

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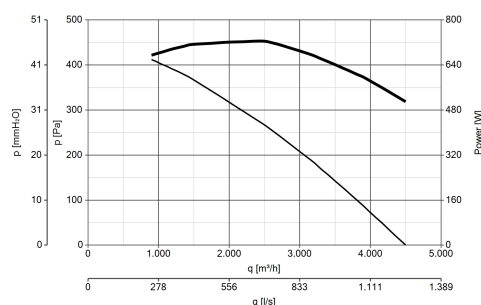
Centrifugal roof fans with horizontal discharge for hot fumes extraction



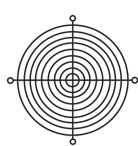
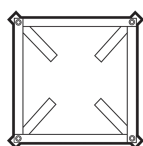
### DESCRIPTION

- 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 single 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: 4500 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-CU**  
**20/30/50**  
**(CONTROTELAIO**  
**DI BASE U)**

Code 22512

**TR-G 20/30/50**  
**(GRIGLIA DI**  
**PROTEZIONE)**

Code 22710

**IRM 50**

Code 12928



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ITALY

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