

# Technical Data Sheet

CODE 15040

## TORRETTA TRT 10 ED 4P

Centrifugal roof fans with horizontal discharge for hot fumes extraction



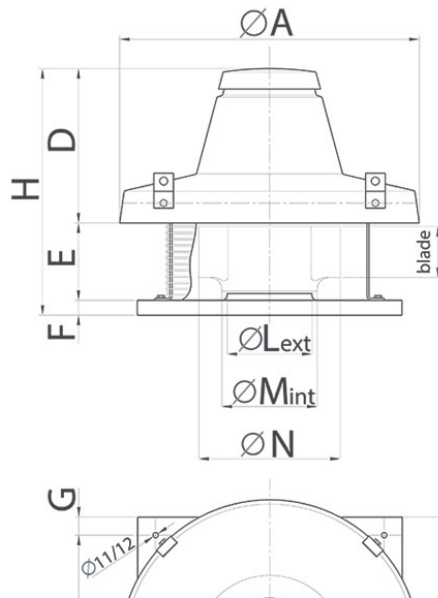
### Certifications



### TECHNICAL AND PERFORMANCE DATA

Frequency (Hz)	50	Weight (Kg)	19
Insulation class	1°	Airflow at 1st speed (l/s)	247
Max absorbed current at Max speed (A)	0,24	Airflow at 1st speed (m³/h)	890
Max absorbed current at Min speed (A)	0,13	Max airflow at Max speed (l/s)	306
Max absorbed power at Max speed (W)	100	Max airflow at Max speed (m³/h)	1100
Max ambient temperature for continuous operation (°C)	90	Max pressure at Max speed (mmH2O)	21
Motor ATEX marking	55	Max pressure at Max speed (Pa)	206
Nominal diameter (mm)	200	Max RPM	1430
Number of phases (Ph)	3	Min RPM	1270
Number of poles	4	Pressure at 1st speed (mmH2O)	17
Power absorbed at 1st speed (W)	72	Pressure at 1st speed (Pa)	167
Voltage (V)	380-415	Sound pressure Lp [dB (A)] at 3 m	56

### DIMENSIONS



Size A (mm)	600
Size B (mm)	410
Size C (mm)	357
Size D (mm)	309
Size E (mm)	166
Size F (mm)	38
Size G (mm)	26,5
Size H (mm)	513
Size L (mm)	183
Size M (mm)	187,5
Size N (mm)	284

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#### ITALY

Pre Sales:  
[prevendita@vortice-italy.com](mailto:prevendita@vortice-italy.com)  
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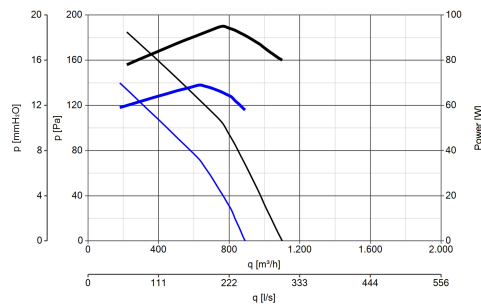
Centrifugal roof fans with horizontal discharge for hot fumes extraction



### 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.
- Dahlander 2 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.
- Minimum air flow 890 m<sup>3</sup>/h  
Maximum air flow: 1100 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



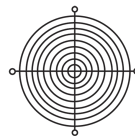
### ACCESSORIES



**IRT 15**  
Code 12923



**TR-CU 10/15**  
**(CONTROTELAIO**  
**DI BASE U.)**  
Code 22511



**TR-G 10/15**  
**(GRIGLIA DI**  
**PROTEZIONE)**  
Code 22700



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Code 22910