

# Technical Data Sheet

CODE 15082

## TORRETTA TRT 70 ED 6P

Centrifugal roof fans with horizontal discharge for hot fumes extraction



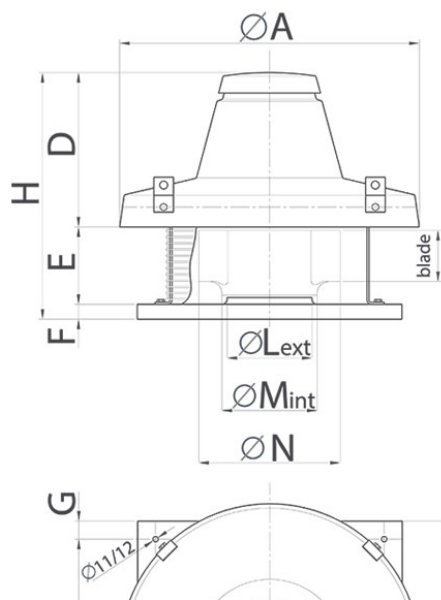
### Certifications



### TECHNICAL AND PERFORMANCE DATA

Frequency (Hz)	50	Weight (Kg)	81
Insulation class	I°	Airflow at 1st speed (l/s)	1472
Max absorbed current at Max speed (A)	1,30	Airflow at 1st speed (m³/h)	5300
Max absorbed current at Min speed (A)	0,80	Max airflow at Max speed (l/s)	1667
Max absorbed power at Max speed (W)	580	Max airflow at Max speed (m³/h)	6000
Max ambient temperature for continuous operation (°C)	90	Max pressure at Max speed (mmH2O)	38
Motor ATEX marking	55	Max pressure at Max speed (Pa)	373
Nominal diameter (mm)	400	Max RPM	950
Number of phases (Ph)	3	Min RPM	750
Number of poles	6	Pressure at 1st speed (mmH2O)	30
Power absorbed at 1st speed (W)	420	Pressure at 1st speed (Pa)	294
Voltage (V)	380-415	Sound pressure Lp [dB (A)] at 3 m	74

### DIMENSIONS



Size A (mm)	1015
Size B (mm)	830
Size C (mm)	750
Size D (mm)	449
Size E (mm)	283
Size F (mm)	38
Size G (mm)	40
Size H (mm)	770
Size L (mm)	365
Size M (mm)	375
Size N (mm)	562

PER INFORMAZIONI / FOR INFORMATION

#### ITALY

Pre Sales:

prevendita@vortice-italy.com

After Sales:

postvendita@vortice-italy.com

#### UNITED KINGDOM & REP. OF

IRELAND

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## TORRETTA TRT 70 ED 6P

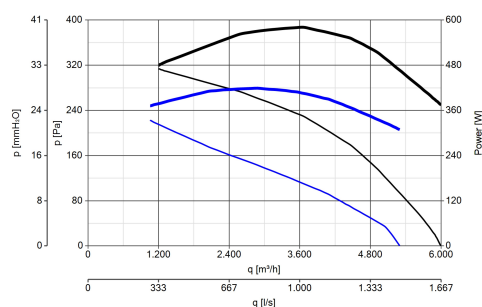
Centrifugal roof fans with horizontal discharge for hot fumes extraction



### 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.
- 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 5300 m<sup>3</sup>/h  
Maximum air flow: 6000 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

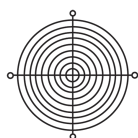


### ACCESSORIES



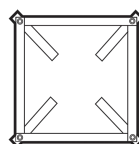
#### IRT 35

Code 12924



#### TR-G 70/100 (GRIGLIA DI PROTEZIONE)

Code 22506



#### TR-CU 70/100 (CONTROTELAIO DI BASE U)

Code 22539



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**IRIF.)**

Code 22910



**GV2 ME06**

Code 21115