

Technical Data Sheet

CODE 15084

TORRETTA TRT 100 ED 6P

Centrifugal roof fans with horizontal discharge for hot fumes extraction



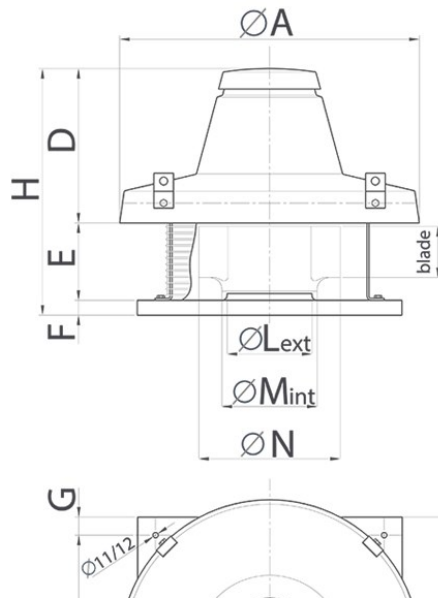
Certifications



TECHNICAL AND PERFORMANCE DATA

Frequency (Hz)	50	Weight (Kg)	114
Insulation class	1°	Airflow at 1st speed (l/s)	2097
Max absorbed current at Max speed (A)	2,40	Airflow at 1st speed (m³/h)	7550
Max absorbed current at Min speed (A)	1,40	Max airflow at Max speed (l/s)	2389
Max absorbed power at Max speed (W)	1130	Max airflow at Max speed (m³/h)	8600
Max ambient temperature for continuous operation (°C)	90	Max pressure at Max speed (mmH2O)	47
Motor ATEX marking	55	Max pressure at Max speed (Pa)	461
Nominal diameter (mm)	450	Max RPM	950
Number of phases (Ph)	3	Min RPM	730
Number of poles	6	Pressure at 1st speed (mmH2O)	38
Power absorbed at 1st speed (W)	900	Pressure at 1st speed (Pa)	373
Voltage (V)	380-415	Sound pressure Lp [dB (A)] at 3 m	77

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)	415
Size M (mm)	421
Size N (mm)	635

PER INFORMAZIONI / FOR INFORMATION

ITALY

Pre Sales:
prevendita@vortice-italy.com
 After Sales:
postvendita@vortice-italy.com

UNITED KINGDOM & REP. OF

IRELAND
 Sales Dept:
sales@vortice.ltd.uk
 Technical Dept:
technical@vortice.ltd.uk

OTHER COUNTRIES

Sales Dept:
export@vortice-italy.com
 After Sales:
after-sales@vortice-italy.com

Technical Data Sheet

CODE 15084

TORRETTA TRT 100 ED 6P

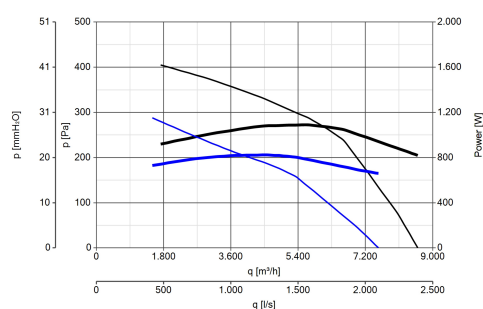
Centrifugal roof fans with horizontal discharge for hot fumes extraction



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 7550 m³/h
Maximum air flow: 8600 m³/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

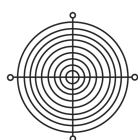


ACCESSORIES



IRT 35

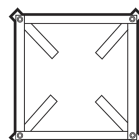
Code 12924



TR-G

**100/150/180/210
6-8P(GRIGLI
APROT.)**

Code 22507



TR-CU

**100/150/180/210
6-
8P(CONTROT.BASE)**

Code 22540



PER INFORMAZIONI / FOR INFORMATION

ITALY

Pre Sales:
prevendita@vortice-italy.com
After Sales:
postvendita@vortice-italy.com

UNITED KINGDOM & REP. OF

IRELAND

Sales Dept:
sales@vortice.ltd.uk
Technical Dept:
technical@vortice.ltd.uk

OTHER COUNTRIES

Sales Dept:
export@vortice-italy.com
After Sales:
after-sales@vortice-italy.com

R

VELOCITA'
TRIF.)

Code 22910

CODE 12017



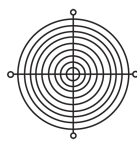
GV2 ME06

Code 21115



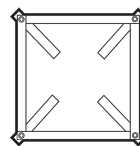
GV2 ME07

Code 21436



TR-G 70/100
(GRIGLIA DI
PROTEZIONE)

Code 22506



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

Code 22539