

Technical Data Sheet

CODE 15084

TORRETTA TRT 100 ED 6P

Centrifugal roof fans with horizontal discharge for hot fumes extraction



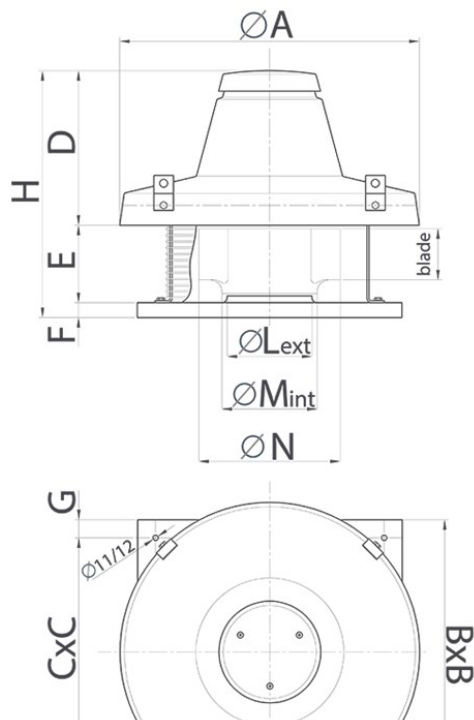
Certifications



TECHNICAL AND PERFORMANCE DATA

Absorbed power 1st speed (W)	900	Weight (Kg)	114
Frequency (Hz)	50	Delivery 1st speed (l/s)	2097
Insulation Class	I°	Delivery 1st speed (m³/h)	7550
Max ambient temperature for continuous operation (°C)	90	Max delivery at max speed (l/s)	2389
Max. absorbed Current at max. speed (A)	2,40	Max delivery at max speed (m³/h)	8600
Max. absorbed Current at min. speed (A)	1,40	Pressure - 1st speed (mmH2O)	38
Max. absorbed power at max speed (W)	1130	Pressure - 1st speed (Pa)	373
Motor IP protection	55	Pressure max - max speed (mmH2O)	47
Nominal Diameter (mm)	450	Pressure max - max speed (Pa)	461
Number of Phases (Ph)	3	RPM max	950
Number of Poles	6	RPM min	730
Voltage (V)	380-415	Sound Pressure level Lp [dB (A)] 3m	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:

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

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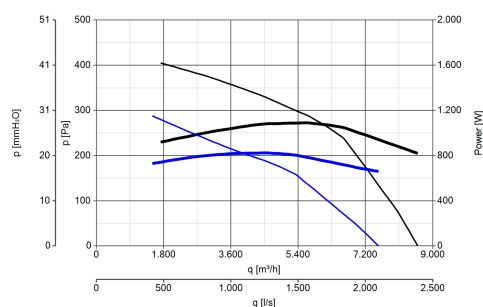
Centrifugal roof fans with horizontal discharge for hot fumes extraction



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 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



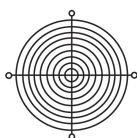
IRT 40

Code 12927



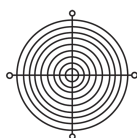
IRET 6

Code 12934



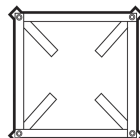
TR-G 70/100 (GRIGLIA DI PROTEZIONE)

Code 22506



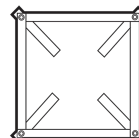
TR-G 100/150/180/210 6-8P(GRIGLIA)

Code 22507



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

Code 22520



TR-CU 100/150/180/210 6- (CONTROT.BASE)

Code 22520

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le 22540



TR-CVT
(COMMUTATORE
VELOCITA'
TRIF.)
Code 22910



IRET INVERTER
5 M
Code 12817



GV2 ME06
Code 21115



GV2 ME07
Code 21436