Technical Data Sheet

CODE 15049

TORRETTA TRT 50 ED 4P

Centrifugal roof fans with horizontal discharge for hot fumes extraction

Certifications

CE

TUV

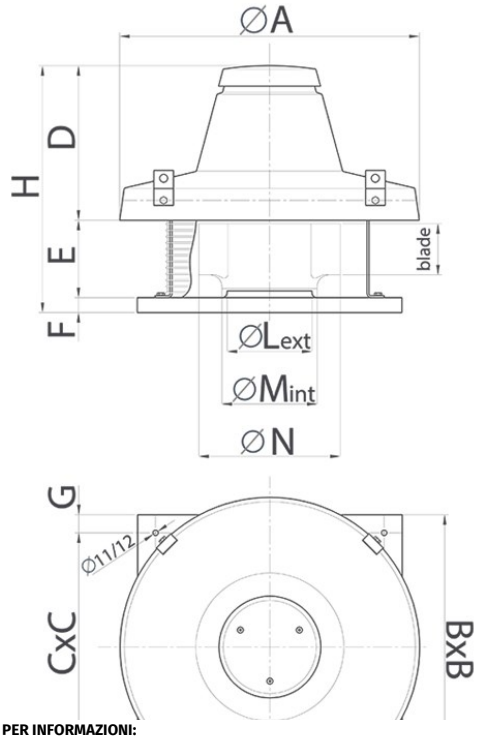
EAC

TECHNICAL AND PERFORMANCE DATA

Absorbed power 1st speed (W)	530
Frequency (Hz)	50
Insulation Class	I°
IP	55
Max ambient temperature for continuous operation (°C)	90
Max. absorbed Current at max. speed (A)	1,20
Max. absorbed Current at min. speed (A)	0,80
Max. absorbed power at max speed (W)	690
Motor IP protection	55
Nominal Diameter (mm)	350
Number of Phases (Ph)	3
Number of Poles	4

Voltage (V)	380-415
Weight (Kg)	40
Delivery 1st speed (l/s)	1056
Delivery 1st speed (m³/h)	3800
Max delivery at max speed (l/s)	1250
Max delivery at max speed (m³/h)	4500
Pressure - 1st speed (mmH20)	38
Pressure - 1st speed (Pa)	373
Pressure max - max speed (mmH20)	52
Pressure max - max speed (Pa)	510
RPM max	1400
RPM min	1150
Sound Pressure level Lp [dB (A)] 3m	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:
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

Technical Data Sheet

CODE 15049

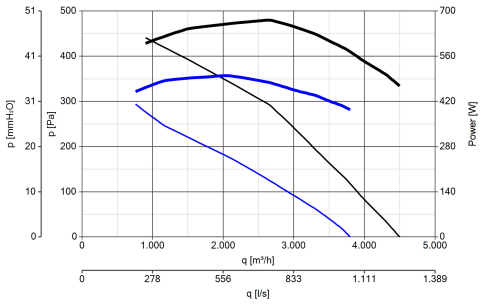
TORRETTA TRT 50 ED 4P

Centrifugal roof fans with horizontal discharge for hot fumes extraction

DESCRIPTION

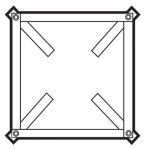
• Centrifugal roof fan suitable for extracting hot fumes at up to 400 °C for 120 minutes.
• Base manufactured from phosphated pressed steel, epoxy powder coated with hammered effect finish, guaranteeing long-term resistance to atmospheric agents.
• Aerodynamically contoured inlet port for optimum performance, 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 3800 m3/h
Maximum air flow: 4500 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

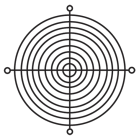


ACCESSORIES

IRT 35
Code 12924



TR-CU 20/30/50 (CONTROTELAIO DI BASE U)
Code 22512



TR-G 20/30/50 (GRIGLIA DI PROTEZIONE)
Code 22710

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Email prevendita: prevendita@vortice-italy.com

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le 21115

VELOCITA' TRIF.)
Code 22910

Code 12816

Code 21114

Code 21115