

Technical Data Sheet

CODE 15555

TORRETTA TRT 50 E 4P

Centrifugal roof fans with horizontal discharge



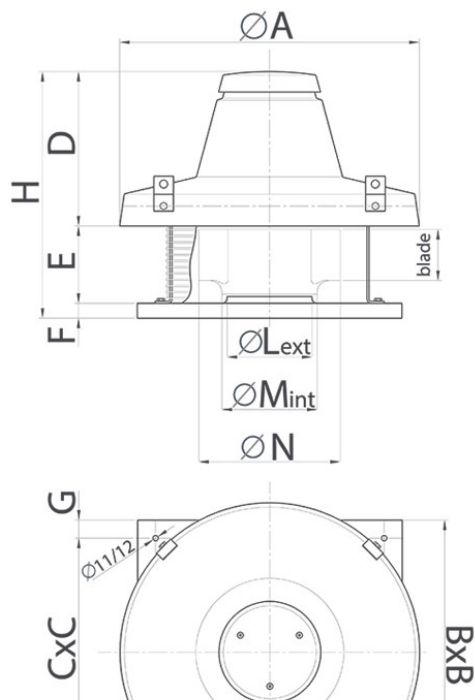
Certifications



TECHNICAL AND PERFORMANCE DATA

Frequency (Hz)	50	Number of poles	4
Insulation class	I°	Voltage (V)	400
Max absorbed current (A)	1,45	Weight (Kg)	28
Max absorbed power (W)	800	Max airflow (l/s)	1361
Max ambient temperature for continuous operation (°C)	90	Max airflow (m³/h)	4900
Motor ATEX marking	55	Max pressure (mmH2O)	61
Nominal diameter (mm)	300	Max pressure (Pa)	598
Number of phases (Ph)	3	RPM	1400
		Sound pressure Lp [dB (A)] at 3 m	72,5

DIMENSIONS



Size A (mm)	780
Size B (mm)	550
Size C (mm)	500
Size D (mm)	398
Size E (mm)	173
Size F (mm)	38
Size G (mm)	25
Size H (mm)	609
Size L (mm)	∅ 278
Size M (mm)	∅
	298
Size N (mm)	∅
	454

PER INFORMAZIONI / FOR INFORMATION

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 After Sales:
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UNITED KINGDOM & REP. OF

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

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DESCRIPTION

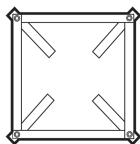
- Base manufactured from phosphated pressed steel, epoxy powder coated with hammered effect finish, guaranteeing long-term resistance to atmospheric agents.
- Aerodynamically contoured inlet port for optimum performance, fashioned as a single unit with the base and gauged to optimize air flow.
- Pressed 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 aluminium blades, dynamically balanced (UNI ISO 1940, Point 1 – Class 6.3), and splined aluminium hub.
- 1 speed single phase AC motor, insulation class F, with shaft turning in double shielded ball bearings.
- Maximum airflow: 4900 m³/h
- Motor and fan designed for operation in ambient temperatures higher than 65 °C.
- Cooling fan for better dissipation of 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.
- Vortice speed controller.

ACCESSORIES



IRT 35

Code 12924



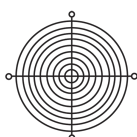
TR-CU 20/30/50 (CONTROTELAIO DI BASE U)

Code 22512



TR-B 20/30/50 (BOCCAGLIO ASPIRAZIONE)

Code 22610



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

Code 22710



TR-CVT (COMMUTATORE VELOCITA' TRIF.)

Code 22910



IRET INVERTER 2,5 M

Code 12816

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