

Technical Data Sheet

CODE 15049

TORRETTA TRT 50 ED 4P

Centrifugal roof fans with horizontal discharge for hot fumes extraction



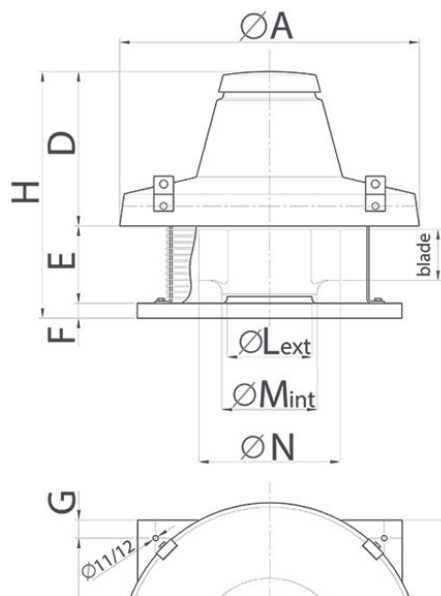
Certifications



TECHNICAL AND PERFORMANCE DATA

Frequency (Hz)	50	Voltage (V)	380-415
Insulation class	I°	Weight (Kg)	40
IP	55	Airflow at 1st speed (l/s)	1056
Max absorbed current at Max speed (A)	1,20	Airflow at 1st speed (m³/h)	3800
Max absorbed current at Min speed (A)	0,80	Max airflow at Max speed (l/s)	1250
Max absorbed power at Max speed (W)	690	Max airflow at Max speed (m³/h)	4500
Max ambient temperature for continuous operation (°C)	90	Max pressure at Max speed (mmH2O)	52
Motor ATEX marking	55	Max pressure at Max speed (Pa)	510
Nominal diameter (mm)	350	Max RPM	1400
Number of phases (Ph)	3	Min RPM	1150
Number of poles	4	Pressure at 1st speed (mmH2O)	38
Power absorbed at 1st speed (W)	530	Pressure at 1st speed (Pa)	373
		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)	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 / FOR INFORMATION

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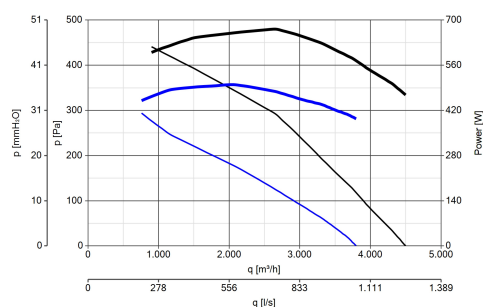
Centrifugal roof fans with horizontal discharge for hot fumes extraction



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 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

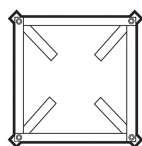


ACCESSORIES



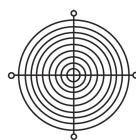
IRT 35

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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