

Technical Data Sheet

CODE 15048

TORRETTA TRM 50 ED 4P

Centrifugal roof fans with horizontal discharge for hot fumes extraction



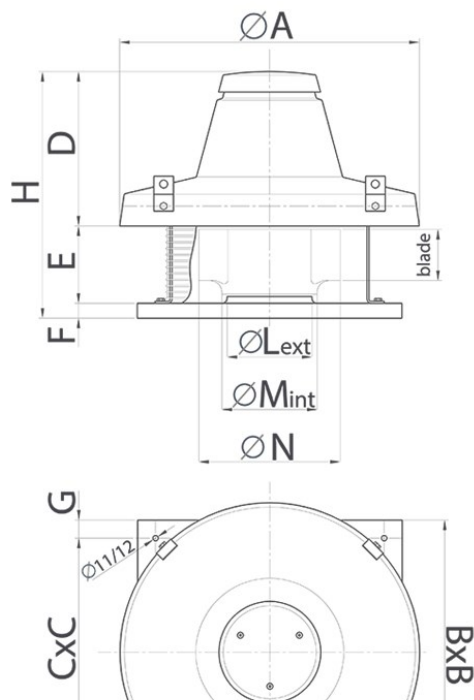
Certifications



TECHNICAL AND PERFORMANCE DATA

Frequency (Hz)	50	Number of poles	4
Insulation class	I°	Voltage (V)	220-240
Max absorbed current (A)	3,30	Weight (Kg)	40
Max absorbed power (W)	720	Max airflow (l/s)	1250
Max ambient temperature for continuous operation (°C)	90	Max airflow (m³/h)	4500
Motor ATEX marking	55	Max pressure (mmH2O)	52
Nominal diameter (mm)	300	Max pressure (Pa)	510
Number of phases (Ph)	1	RPM	1290
		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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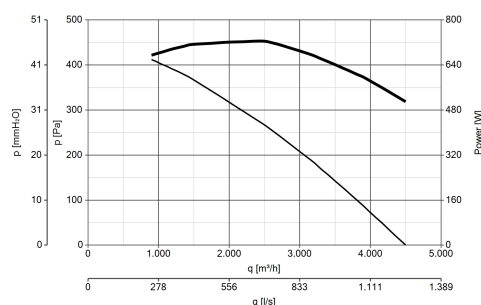
Centrifugal roof fans with horizontal discharge for hot fumes extraction



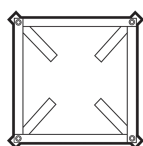
DESCRIPTION

- 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.
- 1 speed single 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.
- 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

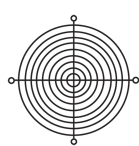


ACCESSORIES



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

Code 22512



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

Code 22710



IRM 50

Code 12928



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