

Technical Data Sheet

CODE 15047

TORRETTA TRT 30 ED 4P

Centrifugal roof fans with horizontal discharge for hot fumes extraction



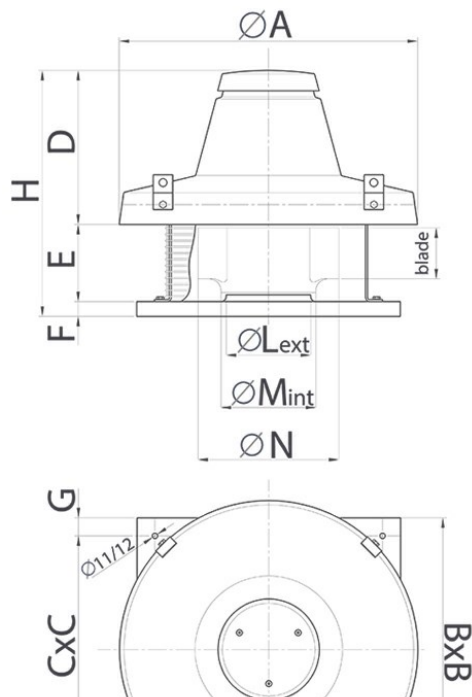
Certifications



TECHNICAL AND PERFORMANCE DATA

| | | | |
|---|---------|---|------|
| Absorbed power 1st speed (W) | 305 | Weight (Kg) | 35 |
| Frequency (Hz) | 50 | Delivery 1st speed (l/s) | 710 |
| Insulation Class | 1° | Delivery 1st speed (m ³ /h) | 2555 |
| Max ambient temperature for continuous operation (°C) | 90 | Max delivery at max speed (l/s) | 861 |
| Max. absorbed Current at max. speed (A) | 0,75 | Max delivery at max speed (m ³ /h) | 3100 |
| Max. absorbed Current at min. speed (A) | 0,48 | Pressure - 1st speed (mmH2O) | 30 |
| Max. absorbed power at max speed (W) | 420 | Pressure - 1st speed (Pa) | 294 |
| Motor IP protection | 55 | Pressure max - max speed (mmH2O) | 43 |
| Nominal Diameter (mm) | 300 | Pressure max - max speed (Pa) | 422 |
| Number of Phases (Ph) | 3 | RPM max | 1400 |
| Number of Poles | 4 | RPM min | 1070 |
| Voltage (V) | 380-415 | Sound Pressure level Lp [dB (A)] 3m | 67 |

DIMENSIONS



| | |
|-------------|-------|
| Size A (mm) | 780 |
| Size B (mm) | 550 |
| Size C (mm) | 500 |
| Size D (mm) | 397 |
| Size E (mm) | 226 |
| Size F (mm) | 38 |
| Size G (mm) | 25 |
| Size H (mm) | 661 |
| Size L (mm) | 260 |
| Size M (mm) | 265,5 |
| Size N (mm) | 404 |

PER INFORMAZIONI:

Servizio al Cliente: tel +39 02 90699395 premando 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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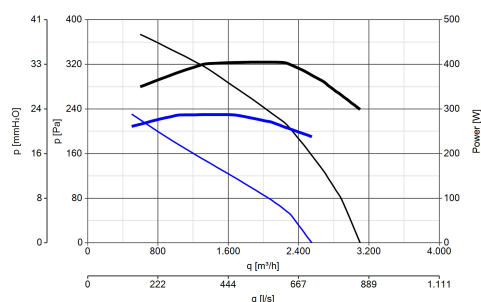
Centrifugal roof fans with horizontal discharge for hot fumes extraction



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 2555 m³/h
Maximum air flow: 3100 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.

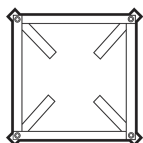
CURVES



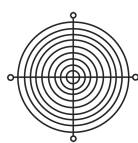
ACCESSORIES



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



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

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