

Heat and smoke removal flap

11024131

TAHA® MICRO-WATT T 500

The roof fan range that makes ventilation easier.



PRODUCT BENEFITS

- airflow from 650 to 16000 m³/h,
- optional constant pressure controller kit,
- refined design,
- wide range of installation accessories,
- ErP-compliant with speed controller or controller kit.

REGULATIONS AND COMPLIANCES

Technical Opinion no.: 14.5/16-2185_V2

Principles of operation

Low-consumption roof exhaust fan with horizontal discharge for CMEV in multi-occupancy housing and non-residential buildings.

Product description

Aluminium housing for good corrosion resistance, EC motor for low energy consumption, horizontal discharge.

Fields of application

Multi-occupancy residential housing, New, Refurbishment, Non-residential buildings

Installation

- horizontal air outlet,
- flat or sloping roof with masonry base or accessory.

Reference arguments

Application:

- Low consumption roof exhaust fan for flat or sloping roof, horizontal jet, 8000 m³/h
- Designed for multi-occupancy residential or non-residential CMEV

Description:

- Aluminium unit for good corrosion resistance
- Anti-bird screen
- Backward curve centrifuge impeller
- Temperature control built into motor
- Asynchronous EC motor 3-phase IP54
- Optional constant pressure controller kit with 2 possible values (day/night)
- Direct control possible via 0-10V using speed controller

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Main characteristics

- 6 sizes available from 600 to 16000 m³/h,
- made of weatherproof AlMg3 aluminium with a very low height. The motor unit tilts for easy installation (optional accessories) and maintenance,
- air outlet features a protective screen against intrusion, birds, and other foreign objects,
- backward curve centrifuge impeller balanced on the motor according to quality class G 6.3 of DIN / ISO 1940,
- drive motor designed for maintenance-free operation, thanks to its ball bearings with lifetime lubrication,
- the motor is protected by a thermal contact integrated in the winding,
- lockable proximity switch as standard,
- EC low-consumption motor,
- single-phase or 3-phase power supply depending on size,
- direct control possible via 0-10V,
- optional constant pressure controller kit with 2 possible values (day/night).

Accessories

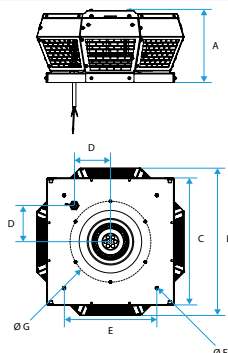
| Description | Variants |
|--|----------|
| Backdraft damper Ø 400 | 11024464 |
| Pressure sensor + tube kit (2 m tube) | 11024466 |
| Constant pressure control kit | 11024467 |
| Flexible sleeve 400 | 11024459 |
| INSULATED STACK BASE 450 INCLINED ROOF | 11024253 |
| Insulated flat roof base TAHA-TAVA 450 | 11024443 |
| Insulated flat roof base with sound attenuator TAHA-TAVA 450 | 11024449 |
| EC motor 0-10V 20K potentiometer for TAHA-TAVA micro-watt | 11024468 |

General data

| Variants | Type of motor |
|----------|---------------|
| 11024131 | EC |

Dimensional data

| Variants | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | G (mm) | Weight (kg) |
|----------|--------|--------|--------|--------|--------|---------|-----------------|-------------|
| 11024131 | 418 | 860 | 670 | 222,5 | 535 | 4 x Ø11 | Ø438 M6x15 (6x) | 37 |



Airflow data

| Variants | Airflow (m³/h) |
|----------|----------------|
| 11024131 | 8500 |

Electrical datas

| Variants | Max. power | Max. power | Protection rating | Max. current consumption THREE-PHASE 400 V (A) | Power supply |
|----------|------------|------------|-------------------|--|--------------|
| 11024131 | 1,328 | 1328 | IP54 | 2.1 | Three-phase |

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Curve

