

11024141

TAVA® 500 T MICRO-WATT

The roof fan range that makes ventilation easier.



Tava-MW

PRODUCT BENEFITS

- airflow from 600 to 14,000 m³/h,
- optional constant pressure controller kit,
- refined design,
- wide range of installation accessories,
- ErP-compliant with speed controller or controller kit.

REGLEMENTATIONS AND COMPLIANCES

Technical Opinion no.: 14.5/16-2185_V2

Principles of operation

Low-consumption roof exhaust fan with vertical 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, vertical discharge.

Fields of application

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

Installation

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

Reference arguments

Application:

- Low consumption roof exhaust fan for flat or sloping roof, vertical jet, 6500 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
- Lockable proximity switch as standard

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Main characteristics

- 10 sizes available from 600 to 14,000 m³/h
- aluminium AlMg3, weather resistant, low height. The motor unit tilts to make installation (optional accessories) and maintenance easier,
- the air outlet is protected by a screen to prevent intrusions, birds and other foreign objects,
- centrifugal backward curve impeller, balanced on the motor as per quality class G 6.3 DIN / ISO 1940,
- maintenance-free drive motor mounted on ball bearings with lifelong lubrication,
- motor protection by thermal contact built into 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

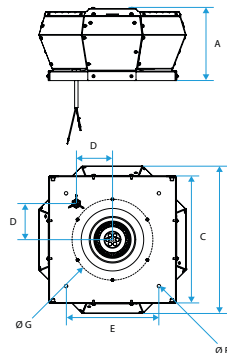
Désignations	References
Backdraft damper Ø 400	11024464
Pressure sensor + tube kit (2 m tube)	11024466
Constant pressure control kit	11024467
Flexible sleeve 400	11024459
INSULATED STACK BASE 450 INCLINED ROOF	11024253
Insulated flat roof base TAHA-TAVA 450	11024443
Insulated flat roof base with sound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

General data

References	Type of motor
11024141	EC

Dimensional data

References	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Weight (kg)
11024141	418	860	670	222,5	535	4 x Ø11	Ø438 M6x15 (6x)	37



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Airflow data

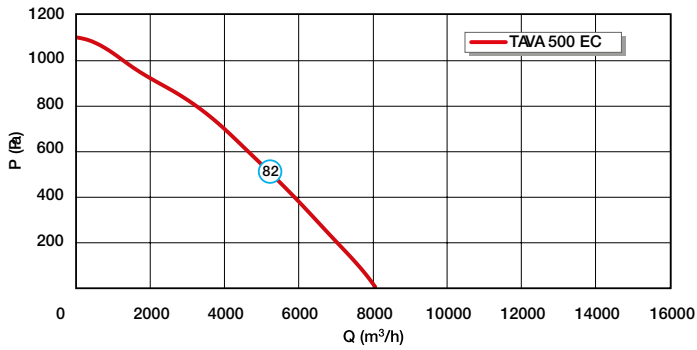
References	Airflow (m ³ /h)
11024141	7000

Electrical datas

References	Protection rating	Max. current consumption THREE-PHASE 400 V (A)	Maximum current (A)	Max. power
11024141	IP54	2.1	2.1	1,331

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Curve



Tava-MW-500