

11024121

TAVA® 450 T4

The roof fan range that makes ventilation easier.



Tava

PRODUCT BENEFITS

- airflow from 500 to 3500 m³/h,
- refined design,
- wide range of installation accessories,
- ErP-compliant with speed controller.

REGLEMENTATIONS AND COMPLIANCES

Technical Opinion no.: 14.5/16-2185_V2

Principles of operation

Roof exhaust fan with vertical discharge for CMEV in multi-occupancy housing and non-residential buildings.

Product description

Aluminium housing for good corrosion resistance, 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:

- Roof exhaust fan for flat or sloping roof, vertical jet, 5000 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
- Asynchronous motor 3-phase IP54 - 4 poles

Main characteristics

- 7 sizes available from 500 to 3,500 m³/h (for sub-3500 m³/h flow rates, see TAVA® Micro-Watt),
- made of weatherproof AlMg3 aluminium with a very low height. The motor unit tilts for easy installation (optional accessories) and maintenance,
- the 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,
- the drive motor is designed for maintenance-free operation, thanks to its ball bearings with lifetime lubrication,
- the motor is protected by a thermal switch integrated in the winding,
- single-phase power supply.

Accessories

Désignations	References
Backdraft damper Ø 400	11024464
Connection flange D400	11024454
Flexible sleeve 400	11024459
INSULATED STACK BASE 450 INCLINED ROOF	11024253
Insulated flat roof base with sound attenuator TAHA-TAVA 450	11024449

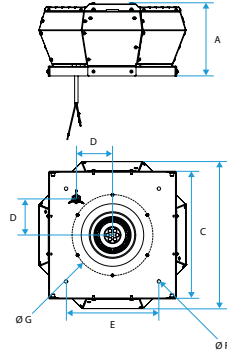
General data

References	Type of motor
11024121	AC

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Dimensional data

References	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Weight (kg)
11024121	418	860	670	222,5	535	4 x Ø11	Ø438 M6x15 (6x)	26



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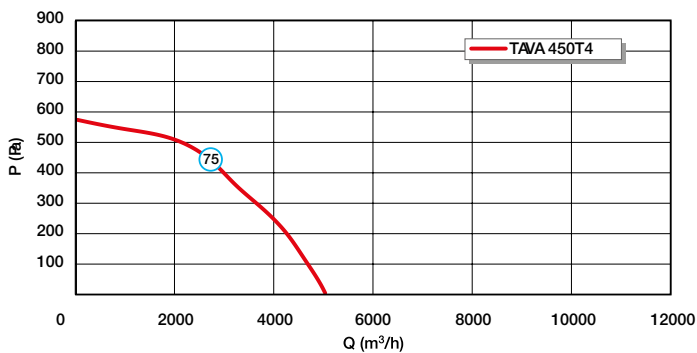
Airflow data

References	Airflow (m³/h)
11024121	4200

Electrical datas

References	Protection rating	Max. current consumption THREE-PHASE 400 V (A)	Maximum current (A)	Number of poles	Max. power
11024121	IP54	1,5	1,5	4	0,641

Curve



Tava-450