

# 11024122

## TAVA® 500 T4

The roof fan range that makes ventilation easier.



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### PRODUCT BENEFITS

- airflow from 500 to 3500 m<sup>3</sup>/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, 7000 m<sup>3</sup>/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 m<sup>3</sup>/h (for sub-3500 m<sup>3</sup>/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   |
| 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   |

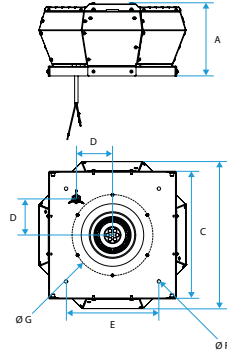
### General data

| References | Type of motor |
|------------|---------------|
| 11024122   | AC            |

## 11024122 TAVA® 500 T4

### Dimensional data

| References | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm)  | G (mm)          | Weight (kg) |
|------------|--------|--------|--------|--------|--------|---------|-----------------|-------------|
| 11024122   | 418    | 860    | 670    | 222,5  | 535    | 4 x Ø11 | Ø438 M6x15 (6x) | 34          |



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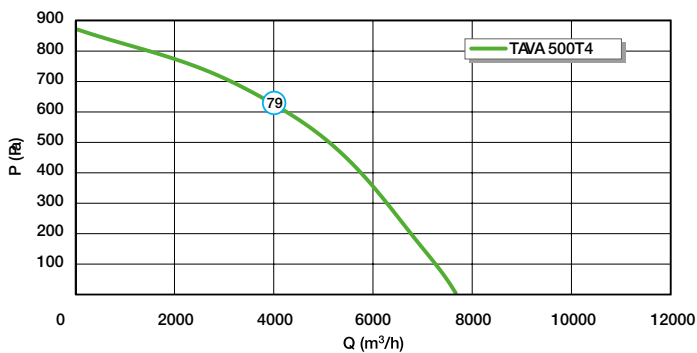
### Airflow data

| References | Airflow (m³/h) |
|------------|----------------|
| 11024122   | 7000           |

### Electrical datas

| References | Protection rating | Max. current consumption THREE-PHASE 400 V (A) | Maximum current (A) | Number of poles | Max. power |
|------------|-------------------|--|---------------------|-----------------|------------|
| 11024122   | IP54              | 3,4  | 3,4                 | 4               | 1,467      |

### Curve



Tava-500