

Heat and smoke removal flap

11024100 TAHA® 190 M2

The roof fan range that makes ventilation easier.



PRODUCT BENEFITS

- airflow from 500 to 4,000 m³/h,
- refined design,
- wide range of installation accessories,
- ErP-compliant with speed controller.

REGULATIONS AND COMPLIANCES

Technical Opinion no.: 14.5/16-2185_V2

Principles of operation

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

Reference arguments

Application:

- Roof exhaust fan for flat or sloping roof, horizontal jet, 500 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 single-phase IP54 - 2 poles

Main characteristics

- 5 sizes available from 500 to 4000 m³/h: (for flowrates above 4000 m³/h see TAHA® 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

Description	Variants
Backdraft damper Ø 180	11024462
Proximity switch 1-speed 1-Ph - 0.9 kW	11056196
Connection flange D180	11024452
Flexible sleeve 180	11024457
Insulated flat roof base with sound attenuator TAHA-TAVA 220	11024446
Connection plate 220	11024470

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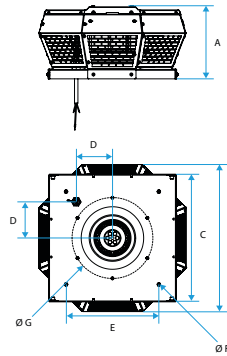
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General data

Variants	Type of motor
11024100	AC

Dimensional data

Variants	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Weight (kg)
11024100	190	388	337	95	245	4 x Ø9	Ø213 6xM6	4,5



Airflow data

Variants	Airflow (m³/h)
11024100	300

Electrical datas

Variants	Max. power	Max. power	Protection rating	Max. current consumption SINGLE-PHASE 230 V (A)	Power supply	Number of poles
11024100	0,066	66	IP33	0,4	Single-phase	2

Curve

