

Heat and smoke removal flap**11024125
TAHA® MICRO-WATT M 220**

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, 900 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 single-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

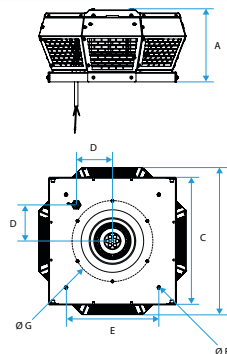
Description	Variants
Backdraft damper Ø 180	11024462
Pressure sensor + tube kit (2 m tube)	11024466
Constant pressure control kit	11024467
Connection flange D180	11024452
INSULATED STACK BASE 220 INCLINED ROOF	11024250
Flexible sleeve 180	11024457
Insulated flat roof base TAHA-TAVA 220	11024440
Insulated flat roof base with sound attenuator TAHA-TAVA 220	11024446
EC motor 0-10V 20K potentiometer for TAHA-TAVA micro-watt	11024468
Connection plate 220	11024470
Connection plate 280	11024471
	11086572
	11086024

General data

Variants	Type of motor
11024125	EC

Dimensional data

Variants	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Weight (kg)
11024125	190	388	337	95	245	4 x Ø9	Ø213 6xM6	5,1



Airflow data

Variants	Airflow (m³/h)
11024125	800

Electrical datas

Variants	Max. power	Max. power	Protection rating	Max. current consumption SINGLE-PHASE 230 V (A)	Power supply
11024125	0,120	120	IP54	1	Single-phase

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Curve

