

CO2 sensor

11034807

## EasyVEC® C4 MICRO-WATT 4000 IP with choice of options

The best-designed range of exhaust box fans on the market, making ventilation efficient, serene, and easy.



## PRODUCT BENEFITS

- wide range from 300 to 12,000 m<sup>3</sup>/h,
- up to 30% less power consumption compared to Standard unit,
- 100% recyclable.

## REGULATIONS AND COMPLIANCES

Technical Opinion no.: 14.5/17-2267\_V3 ; 14.5/16-2185\_V2

## Principles of operation

EasyVEC® C4 ventilates multi-occupancy residential buildings to ensure correct air quality in dwellings and preserve the building structure.

## Product description

EasyVEC® C4 Micro-watt ventilates multi-occupancy residential buildings to ensure correct air quality in dwellings and preserve the building structure. Combined with the T.Flow® Hygro+ / Nano domestic hot water production solution, the heat calories naturally present in air extracted from the dwelling are exchanged and used as a heat source to heat the water.

The Micro-watt constant pressure controller enables significant savings on heating costs compared to a non-regulated (standard) fan unit.

AldesConnect™ Pro can remotely monitor the fan unit for greater responsiveness in handling breakdowns and malfunctions.

## Fields of application

Multi-occupancy residential housing, New, Refurbishment

## Installation

- installation:
  - on anti-vibration slab as per DTU 68.3 recommendations,,
  - indoor or outdoor location,
  - sufficient space must be left in front of the box fan to avoid obstructing the access panel and allow maintenance of internal components.
  - for roof installation, preferably positioned out of the wind to limit pressure losses at the outlet.
- For better acoustic and aeraulic performances, we recommend that you:
  - install sound attenuators at the unit connections,
  - use the ALDES VIRTUO-FIX range of sealed accessories,
  - use MS PRO sealed flexible sleeves to muffle ductwork vibrations.

## Reference arguments

- Application:
  - C4 low consumption centralised unidirectional exhaust box fan for CMEV system,
  - new builds and refurbishment,
  - micro-watt+ controller for constant pressure control,
  - attic / equipment room / flat roofs,
  - indoor / outdoor.
- Description:
  - EasyVEC® C4 Micro-Watt low-consumption exhaust box fan (C4 certification: 400 °C - 1/2 hour),
  - easy to select: Selector poWair® and Conceptor Ventilation design software,
  - easy to configure via intuitive interface,
  - easy to service: link to documentation via QR code, single access panel, compatible with AldesConnect™ Pro supervision service (optional),
  - very low power consumption.

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**Main characteristics**

- Micro-watt control at constant pressure or 0-10V,
- EC low-consumption motor (50/60Hz),
- backward curve impeller,
- unit made of galvanised steel Z275,
- simple and intuitive EasyVEC® remote control,
- proximity switch as standard,
- humidity-controlled or pre-configured T.Flow control mode
- compatible with all types of ductwork, even with junctions,
- central system: savings on maintenance,
- alarm relay available by wiring to the PCB,
- multiple options and accessories:
  - fixed pressure switch 80 Pa for GAS CMEV,
  - ducted discharge,
  - 25 mm dual-wall acoustic insulation,
  - compatible with Modbus RS485,
  - AldesConnect® Pro.
- made in France.

**Supplementary characteristics**

- certification C4 Ø160,
- compatible with «Bahia» humidity-controlled ventilation technical approval no. 14.5/17-2267,
- ESC-eligible: BAR-TH-127.

**Accessories**

Description	Variants
EasyVEC® grille T6 Ø 500 mm	11034448
Insulation kit EasyVEC® T6 Ø 500 mm	11034487
Pressure switch kit EasyVEC® 80 Pa	11056439
Modbus Card EasyVEC®	11034400
EasyVEC® Plug T6 Ø 500 mm	11034438
MS Pro M0 Ø 500 mm	11094698

**General data**

Variants	Type of motor
11034807	EC

**Dimensional data**

Variants	EA1 (mm)	EA2 (mm)	ER1 (mm)	H (mm)	HP (mm)	HT (mm)	L (mm)	LT (mm)	M (mm)	P (mm)
11034807	410	276	400	660	110	835	690	812	65	1070

**Airflow data**

Variants	Airflow (m³/h)
11034807	4000

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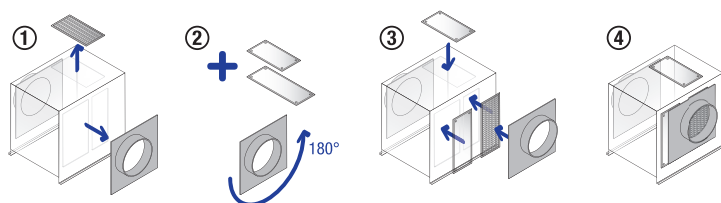
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### Electrical datas

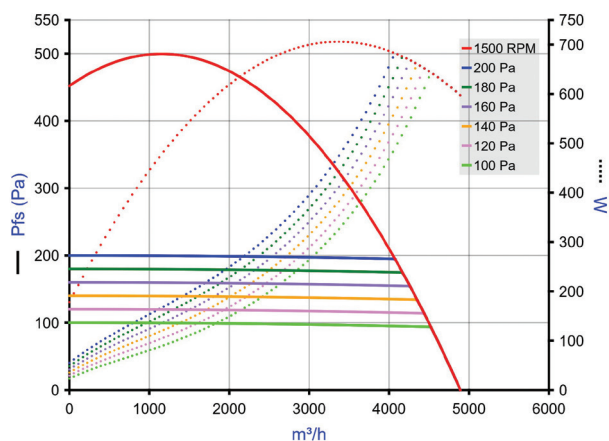
Variants	Maximum power (W)	Max. power	Max. power	Protection rating	Maximum current (A)	Power supply
11034807	700	0,7	700	IP24	5	Single-phase

### Installation



EasyVEC

### Curve



> Aerulic curves drawn up as per standard NF EN ISO 5801.

> P (Pa) = static pressure.

> P (W) = power consumption.

S (mm)	Y (mm)	Z (mm)	Ø (mm)	Weight (kg)
743	718	1037	500	78