

Ventilation box fan

11034838

EasyVEC® C4 MICRO-WATT 6500 IP

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



EasyVEC-C4MWPlus-4000



EasyVEC-C4MWPlus-4000

PRODUCT BENEFITS

- wide range from 300 to 12,000 m³/h,
- up to 30% less power consumption compared to Standard unit,
- 100% recyclable.

REGLEMENTATIONS 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

Désignations	References
Circuit breaker 6.3A - 10A	11057055
EasyVEC® Plenum plug T7 Ø 630 mm	11034494
EasyVEC® connector T7 Ø 630 mm	11034446

Associated services

Commissioning

General data

References	Type of motor
11034838	EC

Dimensional data

References	EA1 (mm)	EA2 (mm)	ER1 (mm)	H (mm)	HP (mm)	HT (mm)	L (mm)	LT (mm)	M (mm)	P (mm)
11034838	485	353	496	760	115	923.5	785	882	48.5	1195

Airflow data

References	Airflow (m³/h)
11034838	6500

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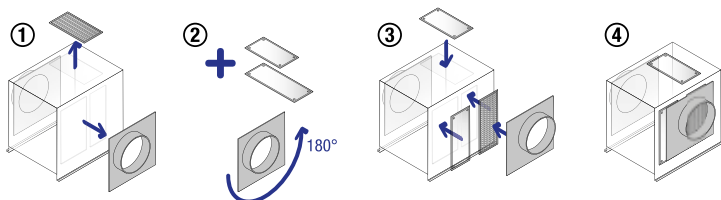
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Electrical datas

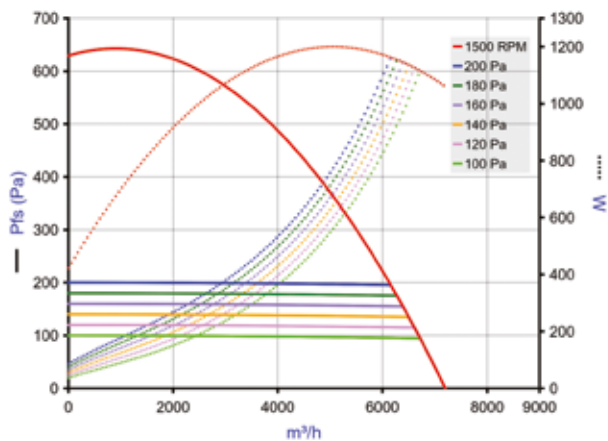
References	Protection rating	Maximum current (A)	Maximum power (W)	Power supply	Max. power
11034838	IP24	8,3	1250	Single-phase	1250

Installation visual 1



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)
833	813	1164	630	110