Ventilation box fan

11034964
EasyVEC® C4 PRO 2000

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

EasyVEC-C4-PRO-2000   EasyVEC-C4-PRO-2000

PRODUCT BENEFITS
• wide range from 400 to 4,000 m³/h
• 50% less power consumption than a 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 PRO 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 and refurbishment,
- Micro-watt controller for pressure control,
- attic / equipment rooms / flat roofs,
- indoor / outdoor.
• Description:
- EasyVEC® C4 Micro-Watt low consumption exhaust fan unit (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 maintain: documentation can be downloaded by QR code, single access panel, compatible with AldesConnect® Pro supervision service (optional),
- low power consumption.

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Main characteristics

- Micro-watt control at constant pressure,
- 2 other additional control modes:
- 0-10V input,
- constant speed.
- EC low-consumption motor (50/60Hz),
- backward curve impeller,
- unit made of galvanised steel Z275,
- ergonomic and intuitive interface,
- 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,
- Modbus RS485 as standard
- multiple options and accessories:
- fixed pressure switch 80 Pa for GAS CMEV,
- ducted discharge,
- 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

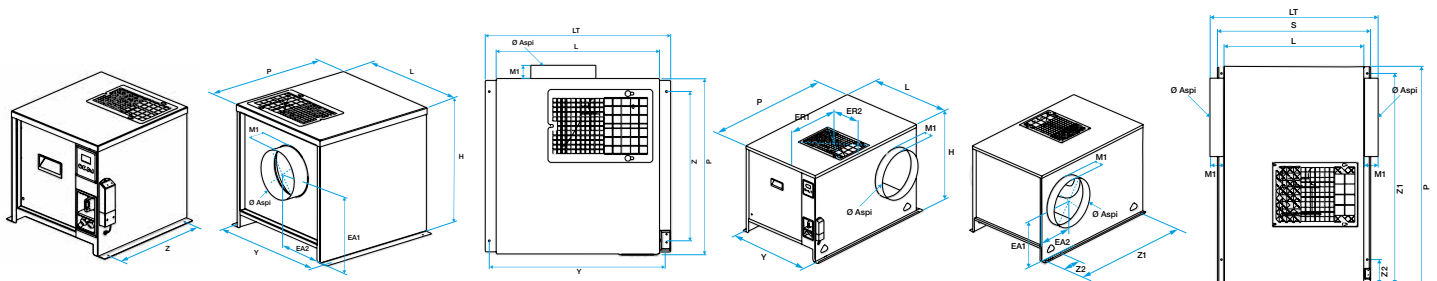| Désignations	References
Circuit breaker 2.5A - 4A	11057053
EASYVEC CONNECTOR T4 D355	11034443
Modbus remote control for EASYVEC C4	11034940

Associated services

Commissioning

General data

References	Type of motor
11034964	EC

Dimensional data

References	EA1 (mm)	EA2 (mm)	ER1 (mm)	ER2 (mm)	H (mm)	HP (mm)	HT (mm)	L (mm)	LT (mm)	M1 (mm)
11034964	317	209	368.5	202,5	559	66.1	559	565	692	66.1

EasyVEC C4 PRO 400 - 700

EasyVEC C4 PRO 1000 - 4000

Airflow data

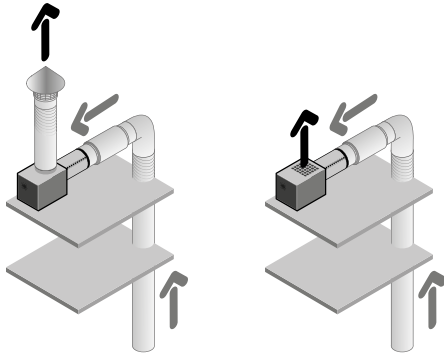| References	Airflow (m³/h)
11034964	2000

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Electrical datas

References	Protection rating	Maximum current (A)	Maximum power (W)	Power supply	Max. power
11034964	IP24	2,4	250	Single-phase	250

Installation visual 1

400-700 m3/h
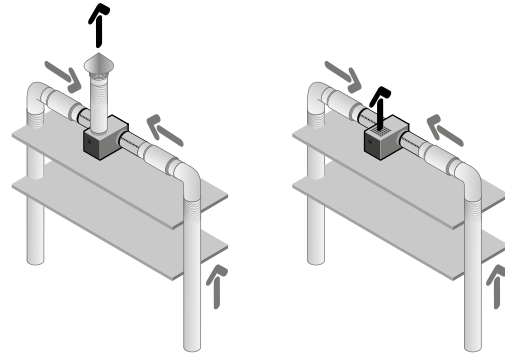
1000-4000 m3/h

Curve

EasyVEC-C4-PRO-2000
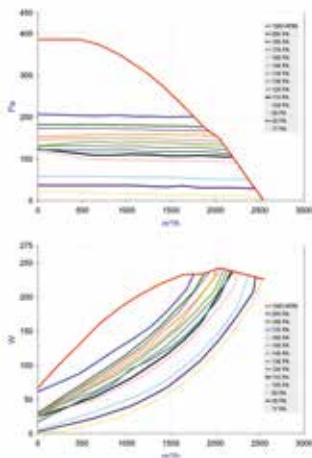
> Aeraulic curves drawn up as per standard NF EN ISO 5801.
> P (Pa) = static pressure.
> P (W) = power consumption.

M2 (mm)	P (mm)	PT (mm)	S (mm)	Y (mm)	Z1 (mm)	Z2 (mm)	Ø (mm)	Weight (kg)
66.1	891	317	623	593	826	130	315	62