

Ventilation box fan

11034821

EasyVEC® C4 MICRO-WATT 700 IP

The patented, smart and connected range of box fans for even higher performance.

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.

With AldesConnect™ Pro, you can monitor the box fan remotely 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.

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Main characteristics

- MICRO-WATT constant pressure controller or 0-10V,
- EC low-consumption motor (50/60Hz),
- backward curve impeller,
- galvanised panels Z275,
- simple and intuitive EasyVEC® remote control,
- proximity switch as standard,
- pre-configured humidity-controlled or T.Flow control modes,
- compatible with all ducting types even with junctions,
- centralised system: savings on maintenance,
- alarm available by wiring to PCB,
- multiple options and accessories:
 - fixed 80 Pa pressure switch for gas CMEV,
 - ducted outlet,
 - 25 mm double-skin 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
Pressure switch kit EasyVEC® 80 Pa	11056439
Modbus Card EasyVEC®	11034400
Insulating feet EasyVEC®(pack of 4)	11034434
M0 outlet sleeve + EasyVEC® connector T2 Ø 250 mm	11025081
MS Pro M0 Ø250 mm	11094693
Aldes ConnectPro® Box Pro	11034920

Associated services

Commissioning

General data

References	Type of motor
11034821	EC

Dimensional data

References	EA1 (mm)	EA2 (mm)	ER1 (mm)	HP (mm)	HT (mm)	L (mm)	M (mm)	P (mm)	PT (mm)	S (mm)
11034821	230	176	268	35	371	352	65	562	594	406

Airflow data

References	Airflow (m³/h)
11034821	700

Electrical datas

References	Protection rating	Maximum current (A)	Maximum power (W)	Power supply	Max. power
11034821	IP24	1.3	164	Single-phase	164

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

> P (Pa) = static pressure.

> P (W) = power consumption.

Y (mm)	Z (mm)	Ø (mm)	Weight (kg)
390	369	250	16