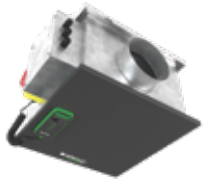
CO2 sensor

11034612
EasyVEC® Compact 300 MICRO-WATT IP Insulated

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



PRODUCT BENEFITS
- wide range from 300 to 3,000 m3/h,
- compact size,
- 100% recyclable.

REGULATIONS AND COMPLIANCES
Technical Opinion no. : 14.5/16-2185_V2

Principles of operation
EasyVEC® Compact Micro-watt delivers exhaust ventilation in non-residential buildings via air exhaust or supply to ensure sufficient air quality and to preserve the building structure.

Product description
With its compact dimensions and in-line configuration, this unit is ideal for applications in a suspended ceiling.
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, Non-residential buildings, Mechanical extract ventilation systems

Installation
• installation:
- indoor or outdoor,
- installation in suspended ceiling, pack of 4 adjustable straps 100 mm - 400 mm available to attach box to ceiling or to a beam,
- outdoors: 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:
- centralised, low-consumption unidirectional air supply or exhaust box fan for commercial CMEV system,
- refurbishment,
- suspended ceilings / Attic / equipment rooms / flat roofs,
- air supply /exhaust,
- indoor / outdoor / horizontal / vertical.
• Description:
- EasyVEC® Compact Micro-Watt low-consumption exhaust box fan,
- Micro-watt controller for pressure control,
- 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),
- low power consumption.

We reserve the right to make changes without notice

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Main characteristics

- 2 control modes: constant pressure to minimise consumption or via external 0-10V probe,
- 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,
- 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:

- filter box,
- ISO filter coarse 60%, ePM10 50%, ePM1 50-75%, ePM1 85%,
- pressure switch,
- ducted discharge,
- 25 mm dual-wall acoustic insulation,
- compatible with Modbus RS485,
- AldesConnect® Pro.

- made in France.

Supplementary characteristics

- compatible with Technical Approval for Modulated Ventilation - Presence-Agito-CO2-Hygro no. 14.5/16-2185_V1,
- ErP 2018,
- ECS-eligible: BAT-TH-112, BAT-TH-125, BAT-EQ-123.

Accessories

Description	Variants
Circuit breaker 1.0A to 1.6A	11056184
BCA Ø 160 - 0.5 kW - 1C	11090752
BCA Ø 160 - 1 kW - 2C	11090753
BCA Ø 160 - 1.5 kW - 1C	11090754
BCA R Mono regulated 1-phase coil Ø 160 - 1.5 kW	11090803
BCA R Mono regulated 1-phase coil Ø 160 - 0.75 kW	11090802
BCA R Tri regulated 3-phase coil Ø 160 - 4.5 kW	11090820
Duct sensor +25/+90°C	11090900
Airflow control kit (20-300 Pa)	11090901
Duct sensor -10/+35°C	11090902
Female rain hood + screen Ø 160 mm	11056101
MS PRO V2 D160	11094295
MS outlet kit M0 Ø 160 mm	11025063
Pack of 4 elastomer mountings	11094562
OCTA D160 sealed	11094633

Filters

Description	Variants
F7 filter EasyVEC® Compact 300	11034417
G4 filter EasyVEC® Compact 300	11034401

Associated services

Commissioning

General data

Variants	Motor Type
11034612	EC

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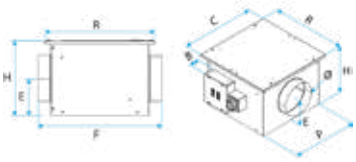
Dimensional data

Variants	B (mm)	C (mm)	E (mm)	F (mm)	H (mm)	P (mm)	R (mm)	Ø (mm)	Weight (kg)
11034612	67	432	140	488	279	427	432	160	14



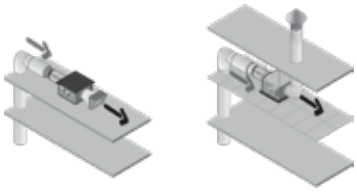
Airflow data

Variants	Airflow (m³/h)
11034612	300

Electrical datas

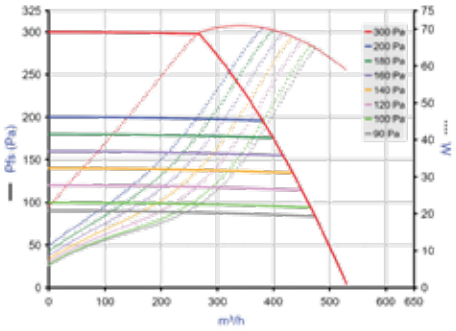
Variants	Maximum power (W)	Max. power	Max. power	Protection rating	Max. current (A)	Power supply
11034612	76	0,076	76	IP24	0,6	Single-phase

Installation



EasyVEC-Compact

Curve



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

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