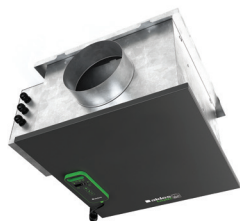


CO2 sensor

11034546

EasyVEC Compact 3000 micro-watt+ IP

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 Aldes Micro-watt + patented controller automatically creates a custom regulation profile (Auto-Adaptive Technology™) to adjust the pressure delivered by the fan unit to the actual needs of the system. This means the ventilation is precisely adjusted to match needs and generates significant savings on heating costs.

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, very low-consumption unidirectional air supply or exhaust box fan for commercial CMEV system,
 - new and refurbishment,
 - suspended ceilings / Attic / equipment rooms / flat roofs,
 - air supply /exhaust,
 - indoor / outdoor / horizontal / vertical.
- Description:
 - EasyVEC® Compact Micro-Watt+ very low consumption exhaust ventilation unit,
 - Micro-Watt+ Aldes Auto-Adaptive Technology™ controller for controlled pressure,
 - 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 consumption.

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EasyVEC Compact 3000 micro-watt+ IP

Main characteristics

- Micro-watt+ control and patented Aldes Auto-Adaptive Technology™ software to adapt the pressure delivered by the unit to the actual needs of the system,
- 3 other additional control modes:
 - Micro-watt at constant pressure,
 - via external 0-10V probe (e.g. CO2 sensor),
 - constant airflow.
- EC motor with very low power consumption (50/60 Hz),
- 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:
 - 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 4A - 6.3A | 11057054 |
| BCA Mono single phase D400 6 kW + relay | 11090798 |
| BCA Ø 400 - 6 kW - 2C | 11090771 |
| BCA Ø 400 - 3 kW - 1C | 11090770 |
| BCA R Mono regulated 1-phase coil Ø 400 - 7.5 kW | 11090811 |
| BCA R Tri regulated 3-phase coil Ø 400 - 15 kW | 11090829 |
| Duct sensor +25/+90°C | 11090900 |
| BCA R Tri regulated 3-phase coil Ø 400 - 7.5 kW | 11090828 |
| Airflow control kit (20-300 Pa) | 11090901 |
| Duct sensor -10/+35°C | 11090902 |
| Female rain hood + screen Ø 400 mm | 11056100 |
| EasyVEC Compact 3000 filter box | 11034528 |

General data

| Variants | Type of motor |
|----------|---------------|
| 11034546 | EC |

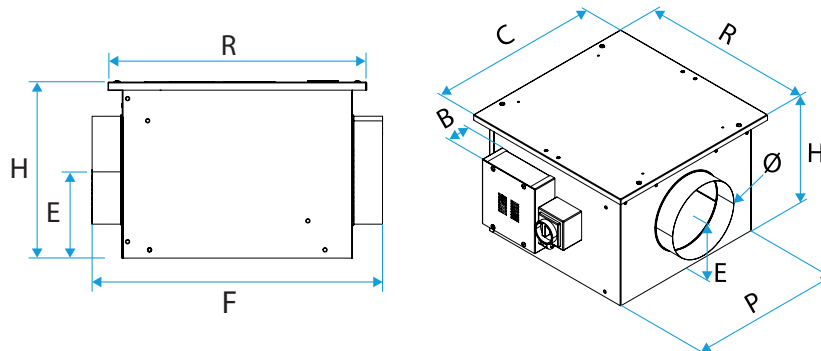
CO2 sensor

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EasyVEC Compact 3000 micro-watt+ IP

Dimensional data

| Variants | B (mm) | C (°) | C (mm) | E (mm) | F (mm) | H (mm) | P (mm) | R (mm) | Ø (mm) | Weight (kg) |
|----------|--------|-------|--------|--------|--------|--------|--------|--------|--------|-------------|
| 11034546 | 98 | 694 | 694 | 232 | 760 | 462 | 639 | 694 | 400 | 28 |



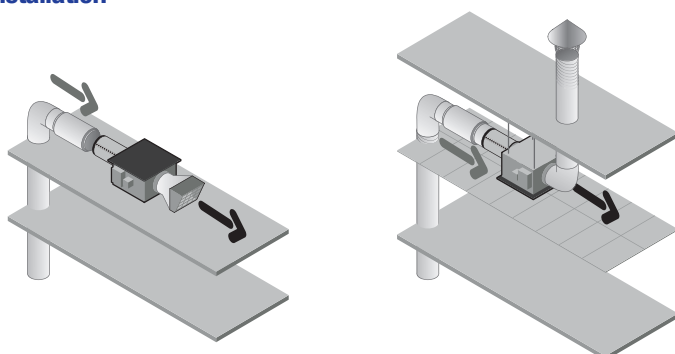
Airflow data

| Variants | Airflow (m³/h) |
|----------|----------------|
| 11034546 | 3000 |

Electrical datas

| Variants | Maximum power (W) | Max. power | Max. power | Protection rating | Maximum current (A) | Power supply |
|----------|-------------------|------------|------------|-------------------|---------------------|--------------|
| 11034546 | 430 | 0,43 | 430 | IP24 | 2.2 | Single-phase |

Installation



EasyVEC-Compact