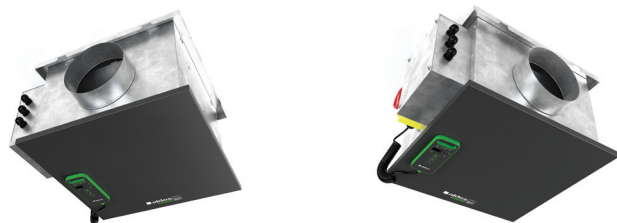


CO2 sensor

11034014

EasyVEC® Compact MICRO-WATT + 1000 IP HMI

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 non-residential CMEV system,
 - new builds 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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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 1.0A to 1.6A	11056184
Female rain hood + screen Ø 250 mm	11056373

Filters

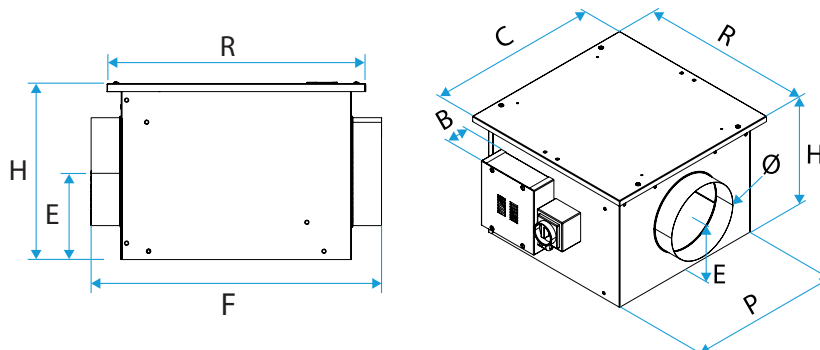
Description	Variants
F7 filter EasyVEC® Compact 1000	11034419
G4 filter EasyVEC® Compact 1000	11034403

General data

Variants	Type of motor
11034014	EC

Dimensional data

Variants	EA1 (mm)	EA2 (mm)	ER1 (mm)	H (mm)	HP (mm)	HT (mm)	L (mm)	LT (mm)	M (mm)	P (mm)
11034014	255	186	330	457	35	525	402	536	65	688



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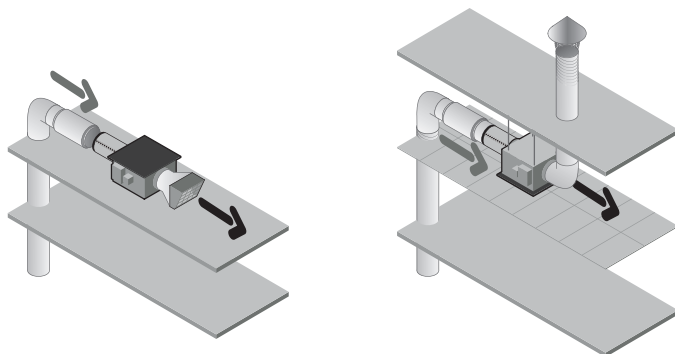
Airflow data

Variants	Airflow (m³/h)
11034014	1000

Electrical datas

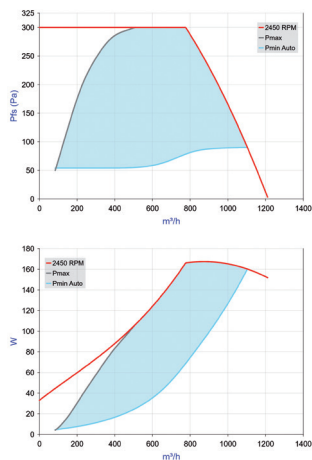
Variants	Maximum power (W)	Max. power	Max. power	Protection rating	Maximum current (A)	Power supply
11034014	190	0,19	190	IP24	1,5	Single-phase

Installation



EasyVEC-Compact

Curve



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

> P (Pa) = static pressure.

> P (W) = power consumption.

S (mm)	Y (mm)	Z (mm)	Ø (mm)	Weight (kg)
454	438	496	315	19