Ventilation box fan

11034631
EasyVEC® Compact MICRO-WATT + 600 IP with choice of options

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

EasyVEC-Compact-MWPlus   EasyVEC-Compact-MWPlus

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

REGLEMENTATIONS 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
New, Refurbishment, Non-residential buildings

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+ very low-consumption exhaust box fan,
- Aldes Auto-Adaptative Technology™ 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),
- very low power 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

Désignations	References
Circuit breaker 1.0A to 1.6A	11056184
Female rain hood + screen Ø 200 mm	11056102

Consumables

Désignations	References
F7 filter EasyVEC® Compact 600	11034418
G4 filter EasyVEC® Compact 600	11034402

Options

base
CONNECT
EXPORT
ISOLA
MODBUS
REGLABLE

Associated services

Commissioning

General data

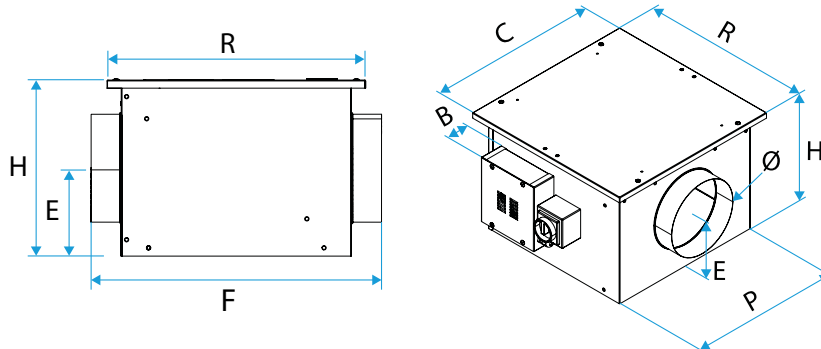| References	Type of motor
11034631	EC

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Dimensional data

References	B (mm)	C (mm)	E (mm)	F (mm)	H (mm)	P (mm)	R (mm)	Ø (mm)	Weight (kg)
11034631	93	482	164	538	327	427	482	200	12

EasyVEC-Compact

Airflow data

References	Airflow (m³/h)
11034631	600

Electrical datas

References	Protection rating	Maximum current (A)	Maximum power (W)	Power supply	Max. power
11034631	IP24	0,75	95	Single-phase	95

Installation visual 1
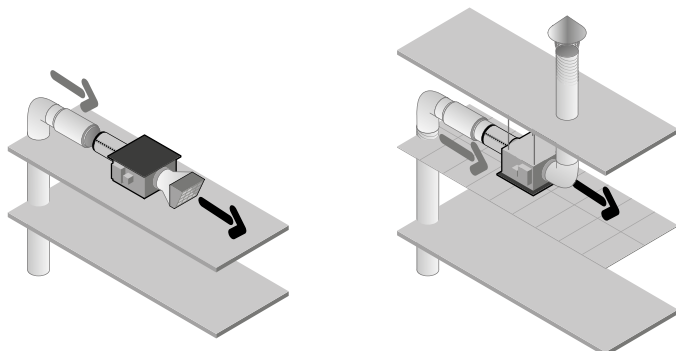
EasyVEC-Compact

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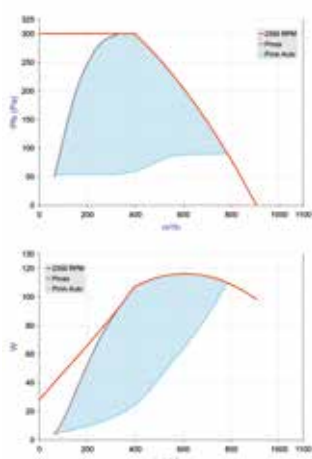
> Aeraulic curves drawn up as per standard NF EN ISO 5801.
> P (Pa) = static pressure.
> P (W) = power consumption.

EasyVEC-Compact-600