

Technical specifications

EasyVEC®

Individual Extract Ventilation



**At the heart
of buildings**

Why choose EasyVEC® ?

Up to
30% * **higher** thermal performance by EasyVEC® micro-watt+ compared with a standard unit.



Easy to select

- A full, unique range with expert trade software (Selector PoWair® and Conceptor Ventilation) to help you design your system and select your equipment easily.

Easy to install

- All units above 4,000 m³/h can be fully dismantled.

Easy to configure

- More intuitive, simple and precise configuration with the EasyVEC® remote control.

Easy to maintain

- Fewer reasons to make errors. Access via the easily-identified anthracite grey front panel for intuitive, simplified installation and maintenance.

Easy to integrate

- With components from Aldes solutions: air inlets, terminals, grilles, diffusers, ducts and ductwork accessories, etc...

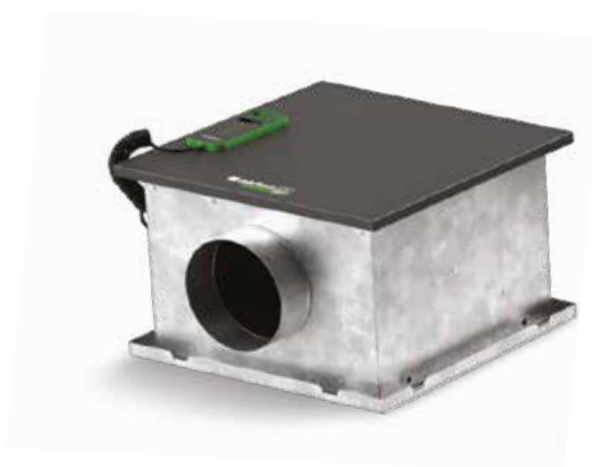
* Study conducted on a typical building housing 27 dwellings (10 1-bed, 12 2-bed and 5 3-bed). The calculation is done with 4,000 model units and maximum pressure of 120 Pa.



EasyVEC®

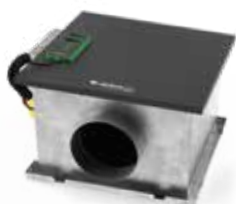


EasyVEC® Compact



PRESENTATION

Silent and very low consumption



EasyVEC® Compact from 300 to 3 000 m³/h



EasyVEC® from 4 000 to 12 000 m³/h



Standard consumption



EasyVEC® Compact from 300 to 3 000 m³/h



EasyVEC® from 4 000 to 12 000 m³/h



Compliance



- Compliant with eco-design regulation 1253/2014*



- WEEE electrical recycling capability



- CEE*-eligible: BAT-TH-112, BAT-TH-125, BAT-EQ-123

* Checking Conformity at nominal point of the project

PRESENTATION



EasyVEC® micro-watt+, the only ultra-efficient and Plug & Play unit!

- Aldes Auto-Adaptative Technology™
- Plug & Play: Control system built-in to the unit (zero add-on costs for installation)
- Simple and intuitive EasyVEC® remote control + humidity-controlled regulation mode
- Solution compatible with all types of ducting (even with branches)
- Centralised system: savings on maintenance
- Optional acoustic insulation



EasyVEC® Micro-watt, the highly efficient and versatile unit

- Micro-watt control at constant pressure
- Simple and intuitive EasyVEC® remote control + humidity-controlled regulation mode
- Solution compatible with all types of ducting (even with branches)
- Centralised system: savings on maintenance
- Optional acoustic insulation



EasyVEC® Standard, the efficient unit perfect for refurbishment projects

- Robust, simple and suited to existing ducting
- Compatible with humidity-controlled systems
- Simple speed control using speed controller as optional extra or accessory
- Compact unit up to 2,000 m³/h and removable above 4,000 m³/h



Exemples of application



EasyVEC® Compact micro-watt installed in a suspended ceiling in a commercial building.

SELECTION GUIDE

		Ideal Application					Ideal Market		Function	
		Multi-family housing	High-rise apartment building	Hotels Student residences Retirement homes	Sanitary Non-residential	Health Education Offices Retail	Refurbishment	New buildings	Air extraction	Air supply
										
Thermal Performance	Airflow in m³/h									
MW	Standard energy consumption	300 3 000								
MW	Low energy consumption									
MW+	Very low energy consumption									

		Ideal Application					Ideal Market		Function	
		Multi-family housing	High-rise apartment building	Hotels Student residences Retirement homes	Sanitary Non-residential	Health Education Offices Retail	Refurbishment	New buildings	Air extraction	Air supply
										
Thermal Performance	Airflow in m³/h									
☆☆ STANDARD	Standard energy consumption	4 000 12 000								
MW	Low energy consumption									
MW+	Very low energy consumption									

STANDARD OR OPTIONAL EQUIPMENT

NON-RESIDENTIAL	EasyVEC® Compact			EasyVEC®		
	micro-watt +	micro-watt	standard	micro-watt +	micro-watt	standard
Manufactured in France	•	•	•	•	•	•
Design						
Galvanised steel sheet unit	•	•	•	•	•	•
Backward curve impeller	•	•	•	•	•	•
Direct drive	•	•	•	•	•	•
Removable				Starting at 4,000 m³/h	Starting at 4,000 m³/h	Starting at 4,000 m³/h
25 mm double-skin insulation	○	○	○	○	○	○
Rectangular connection				Optional starting at 4,000 m³/h	Optional starting at 4,000 m³/h	Optional starting at 4,000 m³/h
Left access panel				Optional starting at 4,000 m³/h	Optional starting at 4,000 m³/h	Optional starting at 4,000 m³/h
Equipment						
EC motor	•	•	Only on Compact 1,000, 2,000 and 3,000	•	•	
Remote control	•	•		•	•	
Speed control fitted	Not applicable	Not applicable	○	Not applicable	Not applicable	○
Proximity switch	•	•	○ (as standard on insulated versions)	•	•	•
Built-in filtration				Optional starting at 4,000 m³/h	Optional starting at 4,000 m³/h	Optional starting at 4,000 m³/h
External filtration	Filter box accessory up to 3,000 m³/h	Filter box accessory up to 3,000 m³/h	Filter box accessory up to 3,000 m³/h	Filter box accessory for the 4,000 m³/h version	Filter box accessory for the 4,000 m³/h version	Filter box accessory for the 4,000 m³/h version
Adjustable pressure switch	○	○	○	○	○	○
Filter clogging detection kit				Starting at 4,000 m³/h	Starting at 4,000 m³/h	Starting at 4,000 m³/h
Smoke exhaust compensation: ALL-IN-ONE cabinet						Starting at 4,000 m³/h
Control						
Constant pressure	•	•		•	•	
Constant airflow	•			•		
Regulated pressure	•			•		
0-10 V	•	•		•	•	
Communication via Modbus RS 485 and Bacnet IP	○	○		○	○	
Compatibility with AldesConnect™ Pro	○	○		○	○	

• As standard ○ Optional extra or accessory

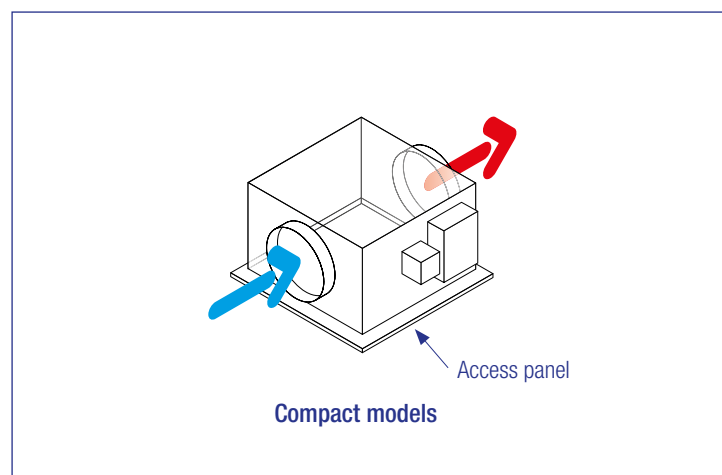
Note: right side access panel as standard (depending on airflow direction) starting at 4,000 m³/h.

ERP compliance requires the addition of a speed controller available as an accessory or optional extra on standard products.

* Adresse modbus fixe et non modifiable

EASYVEC® COMPACT RANGE

Factory configuration



EasyVEC® Compact Micro-watt+

Airflow (m³/h)	Unit only	Unit with insulation
300	11034010	11034011
600	11034012	11034013
1,000	11034014	11034015
2,000	11034016	11034017
3,000	11034018	11034019

These box fans contain a proximity switch and an HMI.



EasyVEC® Compact Micro-watt

Airflow (m³/h)	Unit only	Unit with insulation
300	11034596	11034612
600	11034597	11034613
1,000	11034598	11034614
2,000	11034599	11034615
3,000	11034543	11034544

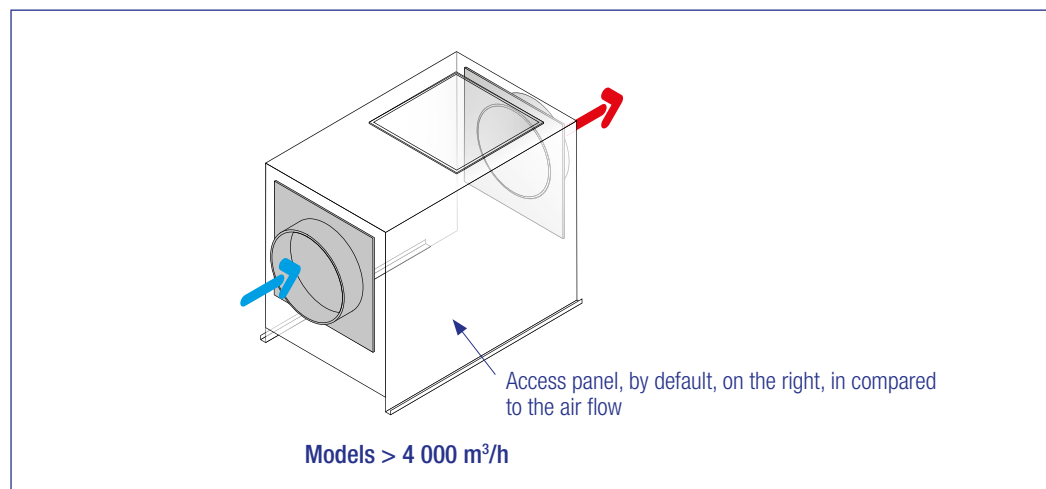


EasyVEC® Compact standard

Airflow (m³/h)	Unit only	Unit with insulation	Caisson + Variateur	Caisson avec Isolation + Variateur
300	11034548	11034564	11034020	11034021
600	11034549	11034565	11034022	11034023
1,000	11034550	11034566	11034024	11034025
2,000	11034551	11034567	11034026	11034027
3,000	11034540	11034541	11034008	11034009

EASYVEC® RANGE

Factory configuration



EasyVEC® Micro-watt+

Airflow (m³/h)	Unit only	Unit with insulation
4,000	11034090	11034091
5,000	11034092	11034093
6,500	11034094	11034095
8,000	11034096	11034097
10,000	11034098	11034099
12,000	11034100	11034101

These box fans contain a proximity switch, an HMI and a right circular connection.



EasyVEC® Micro-watt

Airflow (m³/h)	Unit only	Unit with insulation
4,000	11034070	11034071
5,000	11034072	11034073
6,500	11034074	11034075
8,000	11034076	11034077
10,000	11034078	11034079
12,000	11034080	11034081

These box fans contain a proximity switch, an HMI and a right circular connection.



EasyVEC® Standard

Airflow (m³/h)	Unit only	Unit with insulation	Caisson + DEP*	Caisson avec Isolation + DEP*
4,000	11034031	11034032	11034033	11034034
5,000	11034036	11034037	11034038	11034039
6,500	11034041	11034042	11034043	11034044
8,000	11034046	11034047	11034048	11034049
10,000	11034051	11034052	11034053	11034054
12,000	11034056	11034057	11034058	11034059

These box fans contain a proximity switch, a variator and a right circular connection.



EasyVEC® Standard + TT-EN-1

Airflow (m³/h)	Caisson + TT-EN-1
4,000	11034030
5,000	11034035
6,500	11034040
8,000	11034045
10,000	11034050
12,000	11034055

* Depressostat fixe 80 Pa pour application VMC GAZ

ACCESSORIES

Acoustic

• Sound attenuators

Attenuate fan unit noise propagated in the ductwork.



Models	300	600	1,000	2,000	3,000	4,000	5,000 - 6,000 - 8,000	10,000 12,000
Ø (mm)	160	200	250	315	400	500	630	710
OCTA	11094633	11094634	11094635	11094636	11094638	11094640	11094641	-
OCTA with baffles	-	-	11094990	11094991	11094993	11094995	11094997	-

• Insulating feet (unit fastening brackets)

Aldes proposes a variety of insulating feet in its catalogue.

These feet separate the unit from the building structure to reduce the vibrations transmitted to the building (requirement of DTU 68.3).

The following table indicates the feet available for the selected EasyVEC® unit model.

Description	Code	EasyVEC®	
		Compact	Standard
EasyVEC® Insulating feet (pack of 4)	11034434	-	-
Pack of anti-vibration mountings	11034385	300 - 600	-
	11034386	1,000 - 2,000	-
	11034380	-	4,000
	11034388	-	5,000 - 6,500 - 8,000
Elastomer mountings, set of 4	11094562	-	10,000 - 12,000



Air Management

To separate the box unit from the exhaust ducting (c.f. DTU 68.3 requirements) and prevent the transmission of vibrations, Aldes proposes a range of flexible sleeves to finish your system installation:

- **MS PRO flexible sleeve:** can be used on air intake and outlet. Offers quick and efficient attachment through its airtight seal. One sleeve is required for each air intake connection.
- **Flexible air outlet sleeve kit:** this kit is used to duct the unit outlet with a flexible sleeve and clamp collars required to hold it in place. Aldes recommends the use of mastic sealant to ensure an airtight seal on the unit (or duct) connection with the flexible sleeve after installation.



Models	300	600	1,000	2,000	3,000	4,000	5,000 - 6,500 - 8,000	10,000 12,000
Ø (mm)	160	200	250	315	400	500	630	710
MS PRO flexible sleeve	11094295	11094296	11094297	11094298	11094300	11094301	11094662	11094663
Flexible outlet sleeve kit	11025063	11025064	11025065	11025066	11025067	11025068	11025077	11025080

• VIRTUO-FIX rigid galvanised ductwork and sealed accessories

Refer to catalogue.



• CP2A

This T-piece branch connector was developed from an Aldes patent. The airflow characteristics of the CP2A reduce the negative pressure needed by the fan, using a deflector which attenuates the fan noise transmitted into the ducts. Refer to the catalogue for more information.



ACCESSORIES

• Pressure switch kit

Pressure switch adjustable over a range of 20-300 Pa. Used to detect an operational anomaly (drop in pressure).

Box to be installed inside fan unit or on ductwork.

Supplied as full kit, ready for installation. Includes: 2 m of cristal tubing, 2 pressure inlets or cable glands and mounting accessories.



Models	All
20-300 Pa adjustable pressure switch kit	11056440
Pressure switch timer (recommended in case of wind gusts).	11025012

• Screened rain hood

Rain hood for horizontal outlet points.



Models	300	600	1,000	2,000	3,000	4,000	5,000 - 6,500 8,000	10,000 12,000
Ø (mm)	160	200	250	315	400	500	630	710
Screened rain hood	11056101	11056102	11056373	11058205	11056100	11056374	11056375	11056410

• Thermal-magnetic circuit breaker

Models	300 - 600 - 1,000	2,000	3,000 - 4,000	5,000 - 6,500	10,000	12,000
Caliber	1 - 1,6 A	2,5 - 4 A	4 - 6,3 A	6,3 - 10 A	11 - 16 A	20 - 25 A
Thermal-magnetic circuit breaker	11056184	11057053	11057054	11057055	11057056	11057057

• Speed controller for EasyVEC® Compact

Models	300 - 600	1,000 - 2,000 - 3,000
Speed controller	11086572	11024468

Other accessories

• EasyVEC® Compact mounting straps

For installation in a technical ceiling, a pack of 4 adjustable straps (100 mm to 400 mm) is available to fix the unit to the ceiling or to a beam. Screws supplied.



• EasyVEC® Compact mounting kit

Pack of 4 brackets required if the unit is fastened using straps. Screws supplied.

Description	Code
EasyVEC® Compact straps (pack of 4)	11034433
EasyVEC® Compact mounting kit (pack of 4 brackets)	11034437
Filter clogging detection kit	11056000
Proximity switch	11056196
Sens CO ₂ sensor 0-10 V (0-2,000 ppm) 24 V	11017090
230 V / 24 V transformer for Sens CO ₂ sensor	11017180
ModBUS RS 485 kit	11034400



Filter clogging detection kit

* Fixed and non modifiable modbus address

AIR SUPPLY

With just a few accessories, EasyVEC® can be used on for air supply.



• External coils

External water and electrical coils to heat or cool outdoor air prior to it arriving inside the dwelling. Can be regulated or not.

	Airflow (m³/h)	Ø (mm)	Electrical coils		Hot / cold water coils
			BCA	Regulated BCA	
Compact	300	160	11090752 (0.5 KW) 11090753 (1 KW) 11090754 (1.5 KW)	11090802 (0.75 KW) 11090803 (1.5 KW) 11090820 (4.5 KW)*	
	600	200	11090755 (1 KW) 11090756 (2 KW) 11090757 (3 KW)	11090804 (1.5 KW) 11090805 (3 KW) 11090821 (6 KW)*	
	1,000	250	11090758 (1 KW) 11090759 (2 KW) 11090760 (3 KW) 11090761 (4.5 KW)	11090806 (2.5 KW) 11090807 (4 KW) 11090822 (4.5 KW)* 11090823 (9 KW)*	11058310 11090881 11090882
	2,000	315	11090762 (1 KW) 11090763 (2 KW) 11090764 (4 KW) 11090765 (6 KW)	11090808 (3 KW) 11090809 (6 KW) 11090824 (6 KW)* 11090825 (12 KW)*	11058308 11090850 11090883
	3,000	400	11090770 (3 KW) 11090771 (6 KW)	11090811 (7.5 KW) 11098028 (7.5 KW)* 11098029 (15 KW)*	11090852
	4,000	500	11090775 (12 KW) 11090780 (18 KW)* 11090781 (30 KW)* 11090782 (36 KW)*	11098032 (9 KW)* 11098033 (18 KW)*	11058306
	5,000	630	11090777 (18 KW) 11090783 (18 KW)* 11090784 (30 KW)* 11090785 (36 KW)*	11098036 (12 KW)* 11098037 (24 KW)* 11098038 (36 KW)*	11058305
	6,500	630	11090777 (18 KW) 11090783 (18 KW)* 11090784 (30 KW)* 11090785 (36 KW)*	11098036 (12 KW)* 11098037 (24 KW)* 11098038 (36 KW)*	11058305
	8,000	630	11090777 (18 KW) 11090783 (18 KW)* 11090784 (30 KW)* 11090785 (36 KW)*	11098036 (12 KW)* 11098037 (24 KW)* 11098038 (36 KW)*	11058305

* 3-phase power supply

AIR SUPPLY

With just a few accessories, EasyVEC® can be used on for air supply.

- **External coils**

External water and electrical coils to heat or cool outdoor air prior to it arriving inside the dwelling. Can be regulated or not.

- **Filter boxes**

Box housing filters to purify air delivered into the building. Easy to mount on the fan unit while ensuring a good airtight seal. On models > 3,000 m³/h, filter rails are available in the box as optional extras. Supplied without filters, ordered separately.

Airflow (m³/h)	300	600	1,000	2,000	3,000	4,000 - 5,000 - 6,500 - 8,000 10,000 - 12,000
Insulated filter boxes	11034470	11034471	11034472	11034473	11034528	Available as optional filters delivered with the box

- **Filters**

4 types of filter available.

Airflow (m³/h)	300	600	1,000	2,000	3,000	4,000	5,000 - 6,500 8,000	10,000 12,000
Filter ISO Coarse 60%	11034401	11034402	11034403	11034404	11069066	11034409	11034410	11034411
Filter ISO ePM10 50%	-	-	-	-	-	11034412	11034413	11034414
Filter ISO ePM1 50-75%	11034417	11034418	11034419	11034420	11100427	11034415	11034416	11034425
Filter ISO ePM1 85%	-	-	-	-	-	11034426	11034427	11034428

- **Accessoires pour batteries électriques**

Description	Code
Duct probe +25°C/+90°C	11090900
Duct probe -10°C/+35°C	11090902
Ambient thermostat	11090903
Weekly program thermostat 230 V	11090904
Airflow control kit (20-300 Pa)	11090901
EasyVEC® micro-watt constant pressure air supply kit	11056001

* Kit required for constant pressure air supply on micro-watt models.



EasyVEC® fan unit 4,000 to 12,000 m³/h, long unit for air supply with additional filter ordered separately.

- **Smoke and heat exhaust compensation**

In mechanical smoke and heat exhaust systems, the principle is to suck up the smoke. The air is then brought in by the negative pressure generated by this suction. This negative pressure is insufficient in some systems to compensate for the volume of air extracted. There is also a risk of exceeding the limit of 80 Pa in the area where the air is extracted. A compensation fan then has to be added in the fresh air intake system.

- **Aldes system offer**

The standard EasyVEC® box fan meets the need for mechanical smoke and heat exhaust compensation for a flow range of 4000 to 12000 m³/h. The "all-in-one" option (AXONE+ safety box + wired adjacent switch + adjustable pressure switch) ensures a compliant installation.

- **Smoke and heat exhaust accessory**

Smoke and heat exhaust accessories can be added (three-phase configuration only):

Description	Code
Axone 1V/DES-TRI 4,7 A+IPDP 20-300 Pa	11090646
Axone 1V/DES-TRI 16,7 A+IPDP 20-300 Pa	11090647
Adjustable pressure switch kit 20-300 Pa	11056440



EasyVEC® box fan 4000 to 12000 m³/h with "ALL-IN-ONE" option.

CONFIGURATION



Twice as fast to configure :



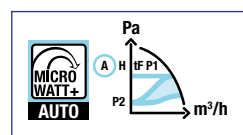
- Same remote control for whole micro-watt and micro-watt+ range
- Simple and intuitive interface (1 display + 3 buttons)
- Always to hand with magnetic holder
- Easy to learn: configuration tutorials for micro-watt and micro-watt+ units (easy-vec.aldes.com)

Easy choice between 4 available models :



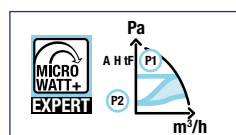
- Constant pressure
- Control via 0-10 V signal
- Constant airflow (only on micro-watt+)
- Regulated pressure (only on micro-watt+)
- Self-balanced
- Humidity-controlled
- Programmable: Pmin and Pmax

Control	Description	Settings	Microwatt+	Microwatt	Standard
Auto-Adaptive	Adaptation of unit operating pressure to precisely match requirements	Adjustment using remote control Several control modes available: - Self-balanced - Humidity-controlled - Expert	•		
Constant pressure	Maintains constant operating pressure in fan unit	Design pressure setting can be adjusted using remote control	•	•	
None	Natural fan operating curve	Operating speed can be adjusted using a speed controller available as optional extra or accessory			•
CO₂ sensor	Airflow controlled according to CO ₂ level in the air	CO ₂ sensor sold as accessory for connection to input of 0-10 V control	•	•	
0-10 V	Control input to be used with CO ₂ sensor, potentiometer or other device	0-10 V control accessory for direct connection to fan unit circuit board	•	•	



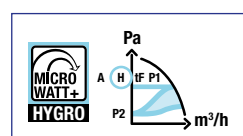
Self-balanced

Operates with self-balanced terminals. Pmin (A) is automatically configured by the system. Pmax to be defined by installer.



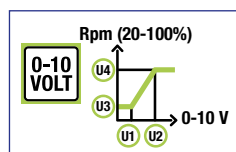
Expert

Used to manually configure the values of Pmax (P1) and Pmin (P2) to adapt to all types of ducting according to the recommendations of the design office.



Humidity-controlled

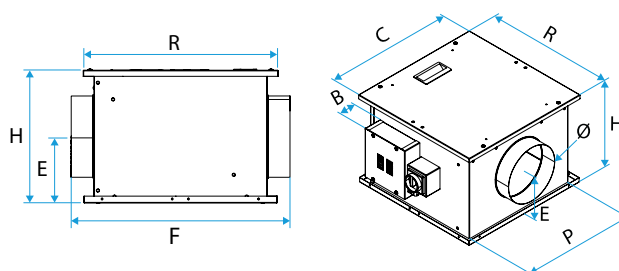
Operates with humidity-controlled terminals. Pmin (H) is automatically configured by the system. Pmax to be defined by installer.



0-10 V

Command input used to control using a CO₂ sensor etc. or a BMS.

WEIGHT AND DIMENSIONS EASYVEC® COMPACT



EasyVEC®	B (unit)	C (cover width)	P (base width)	R (length)	F (length with connections)	H (height)	E (height of connection)	Ø (connection)	Weight (kg)
EasyVEC® 300 Compact	93	432	377	432	488	277	139	160	9
EasyVEC® 300 Compact insulated	67	432	427	432	488	279	140	160	14
EasyVEC® 600 Compact	93	482	427	482	538	327	164	200	12
EasyVEC® 600 Compact insulated	67	482	477	482	538	329	165	200	19
EasyVEC® 1,000 Compact	93	532	477	532	588	352	177	250	14
EasyVEC® 1,000 Compact insulated	67	532	527	532	588	354	178	250	22
EasyVEC® 2,000 Compact	93	582	527	582	648	352	177	315	20
EasyVEC® 2,000 Compact insulated	67	582	577	582	648	354	178	315	26
EasyVEC® 3 000 Compact	98	694	639	694	760	462	232	400	28
EasyVEC® 3 000 Compact insulated	73	694	689	694	760	465	232	400	46

* Insulated/ Isolé / Isoliert / Los / Aislado / Isolato

ELECTRICAL DETAILS EASYVEC® COMPACT

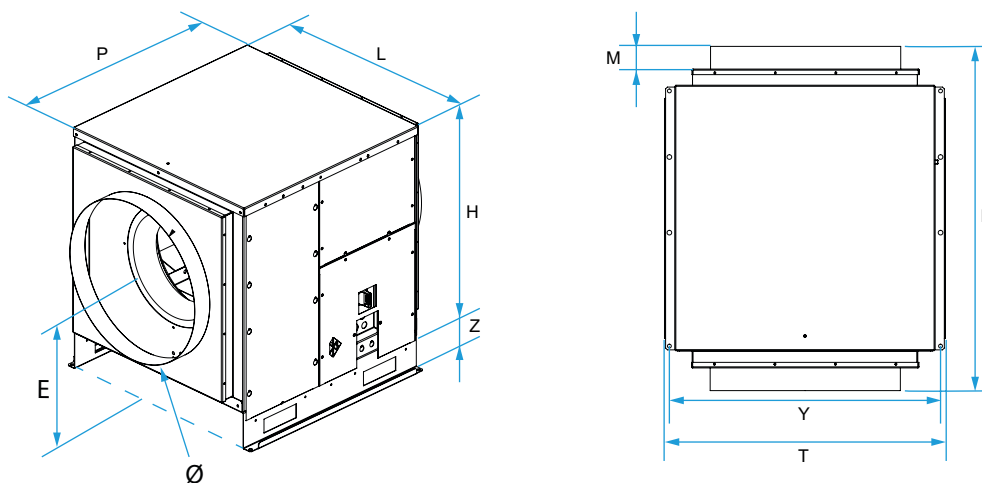
EasyVEC® Compact micro-watt+				
Model	Motor and control system	Power supply	I max (A)	P max absorbed (W)
EasyVEC® Compact micro-watt+ 300	EC with PCB	Single-phase	0,6	76
EasyVEC® Compact micro-watt+ 600	EC with PCB	Single-phase	0,75	95
EasyVEC® Compact micro-watt+ 1,000	EC with PCB	Single-phase	1,3	164
EasyVEC® Compact micro-watt+ 2,000	EC with PCB	Single-phase	3,4	430
EasyVEC® Compact micro-watt+ 3, 000	EC with PCB	Single-phase	2,2	450

EasyVEC® Compact micro-watt				
Model	Motor and control system	Power supply	I max (A)	P max absorbed (W)
EasyVEC® Compact micro-watt 300	EC with PCB	Single-phase	0.6	76
EasyVEC® Compact micro-watt 600	EC with PCB	Single-phase	0.75	95
EasyVEC® Compact micro-watt 1,000	EC with PCB	Single-phase	1.3	164
EasyVEC® Compact micro-watt 2,000	EC with PCB	Single-phase	3.4	430
EasyVEC® Compact micro-watt 3, 000	EC with PCB	Single-phase	2,2	450

EasyVEC® Compact standard				
Model	Motor and control system	Power supply	I max (A)	P max absorbed (W)
EasyVEC® Compact standard 300	AC with voltage regulator*	Single-phase	0,25	58
EasyVEC® Compact standard 600	AC with voltage regulator*	Single-phase	0,8	184
EasyVEC® Compact standard 1,000	EC with potentiometer*	Single-phase	1,5	345
EasyVEC® Compact standard 2,000	EC with potentiometer*	Single-phase	3,4	782
EasyVEC® Compact standard 3,000	EC with potentiometer*	Single-phase	2,94	618

* Voltage regulator and potentiometer not supplied with product. Available as accessory or optional extra.

WEIGHT AND DIMENSIONS EASYVEC®



EasyVEC®	P	L	H	Ø	Rectangular Pitting Section (Centered on E & L)	E	F	M	Y	T	Z	Weight (kg)
4,000	700	690	665	500	598 x 598	450	910	60	720	740	115	64
4,000 with filters	1060	885	665	500	598 x 598	450	1270	60	720	740	115	78
5,000	765	790	760	630	697 x 697	500	975	60	815	835	115	83
5,000 with filters	1200	985	760	630	697 x 697	500	1410	60	815	835	115	109
6,500	765	790	760	630	697 x 697	500	975	60	815	835	115	90
6,500 with filters	1200	985	760	630	697 x 697	500	1410	60	815	835	115	110
8,000	765	790	760	630	697 x 697	500	975	60	815	835	115	98
8,000 with filters	1200	985	760	630	697 x 697	500	1410	60	815	835	115	118
10,000	945	910	905	710	800 x 800	575	1155	60	940	960	115	160
10,000 with filters	1295	1105	905	710	800 x 800	575	1505	60	940	960	115	195
12,000	945	910	905	710	800 x 800	575	1155	60	940	960	115	167
12,000 with filters	1295	1105	905	710	800 x 800	575	1505	60	940	960	115	202

P: Depth
L: Width

H: Height
Ø: Connection diameters

E: Ground connection axis
F: Total length with connections

M: Connection height
Y: Centre distance between feet

T: Footprint
Z: Height of feet

For insulated versions, add 26 mm to height, 52 mm to width and multiply weight by 1.3

ELECTRICAL DETAILS EASYVEC®

EasyVEC® micro-watt+				
Model	Motor and control system	Power supply	I max (A)	P max absorbed (W)
EasyVEC® micro-watt+ 4,000	EC with PCB	Single-phase	5	700
EasyVEC® micro-watt+ 5,000	EC with PCB	Single-phase	8	1200
EasyVEC® micro-watt+ 6,500	EC with PCB	Single-phase	8.3	1250
EasyVEC® micro-watt+ 8,000	EC with PCB	Single-phase	12	1850
EasyVEC® micro-watt+ 10,000	EC with PCB	Single-phase	15.7	2200
EasyVEC® micro-watt+ 12,000	EC with PCB	Single-phase	20.5	3200

EasyVEC® micro-watt				
Model	Motor and control system	Power supply	I max (A)	P max absorbed (W)
EasyVEC® micro-watt 4,000	EC with PCB	Single-phase	5	700
EasyVEC® micro-watt 5,000	EC with PCB	Single-phase	8	1200
EasyVEC® micro-watt 6,500	EC with PCB	Single-phase	8.3	1250
EasyVEC® micro-watt 8,000	EC with PCB	Single-phase	12	1850
EasyVEC® micro-watt 10,000	EC with PCB	Single-phase	15.7	2200
EasyVEC® micro-watt 12,000	EC with PCB	Single-phase	20.5	3200

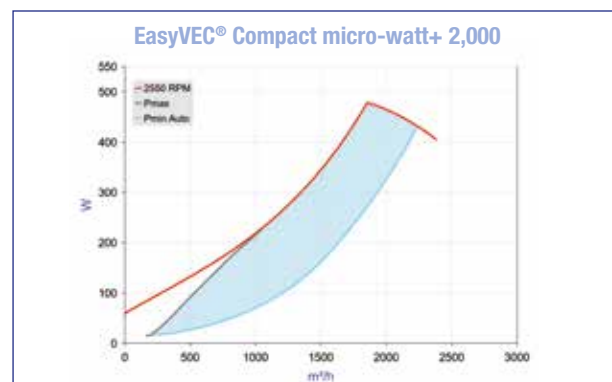
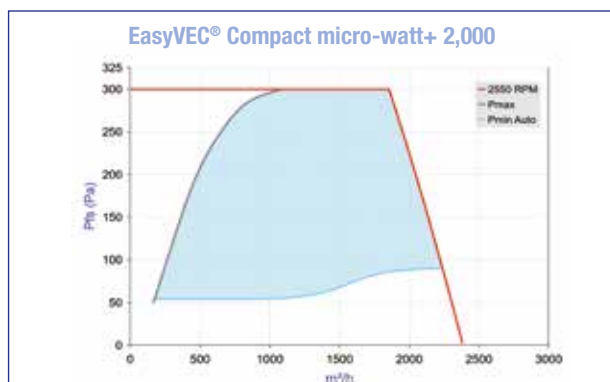
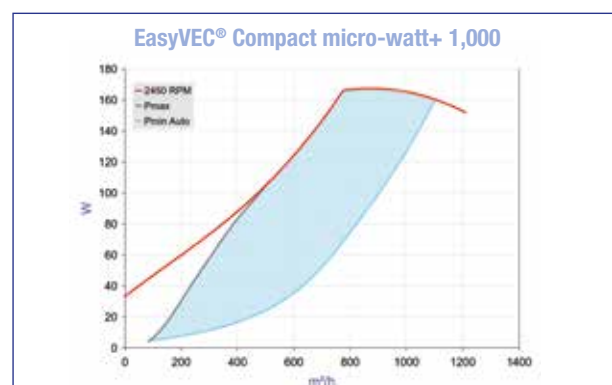
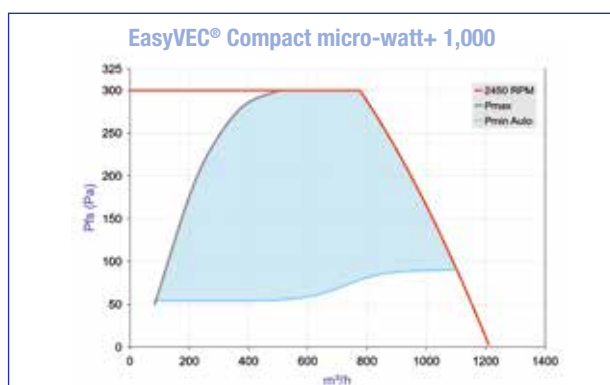
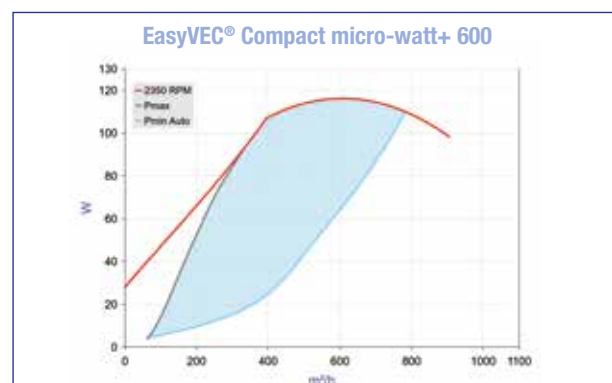
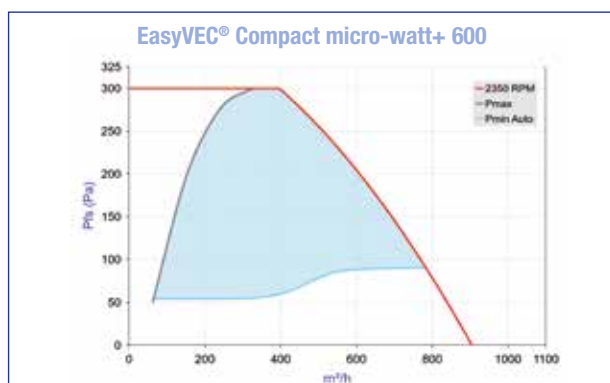
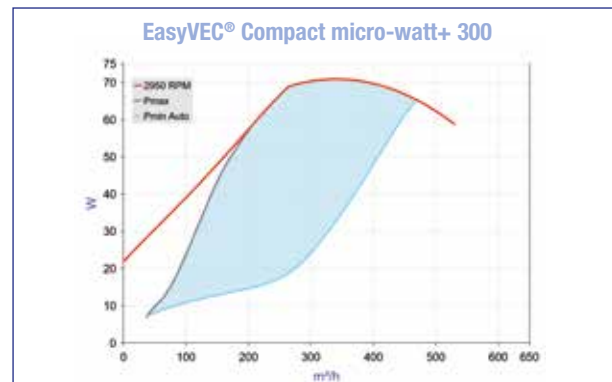
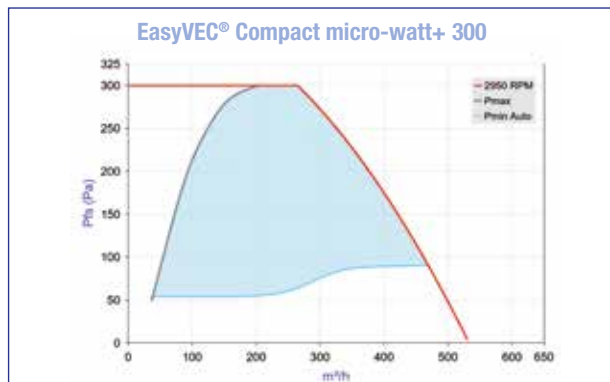
EasyVEC® standard monphasé				
Model	Motor and control system	Power supply	I max (A)	P max absorbed (W)
EasyVEC® standard 4,000	AC with frequency regulator	Single-phase	5.2	720
EasyVEC® standard 5,000	AC with frequency regulator	Single-phase	7.1	1100
EasyVEC® standard 6,500	AC with frequency regulator	Single-phase	8.2	1255
EasyVEC® standard 8,000	AC with frequency regulator	Single-phase	11	1750
EasyVEC® standard 10,000	AC with frequency regulator	Single-phase	13.2	2050
EasyVEC® standard 12,000	AC with frequency regulator	Single-phase	21.8	3200

EasyVEC® standard triphasé				
Model	Motor and control system	Power supply	I max (A)	P max absorbed (W)
EasyVEC® standard 4,000	AC without regulation	three-phase	1,27	550
EasyVEC® standard 5,000	AC without regulation	three-phase	1,72	945
EasyVEC® standard 6,500	AC without regulation	three-phase	2,4	1100
EasyVEC® standard 8,000	AC without regulation	three-phase	3,26	1200
EasyVEC® standard 10,000	AC without regulation	three-phase	4,64	2200
EasyVEC® standard 12,000	AC without regulation	three-phase	6,17	3000

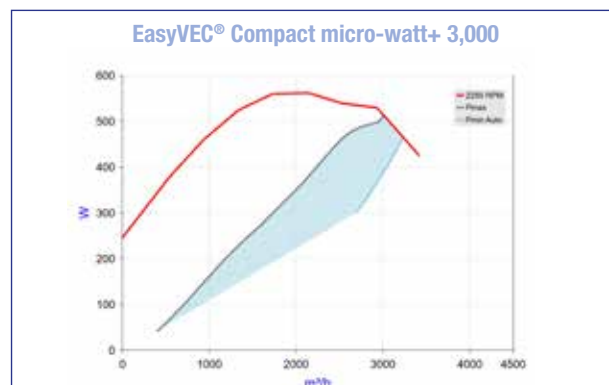
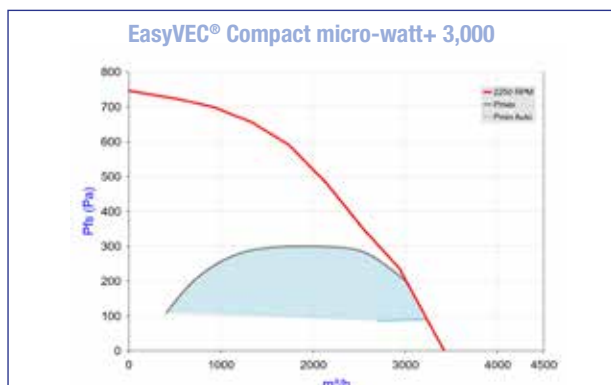
AIRFLOW DETAILS AND POWER CONSUMPTION

EasyVEC® Compact

- Airflow curves established in accordance with French Standard EN ISO 5801.
- Static pressure in Pa. Power consumption in W.



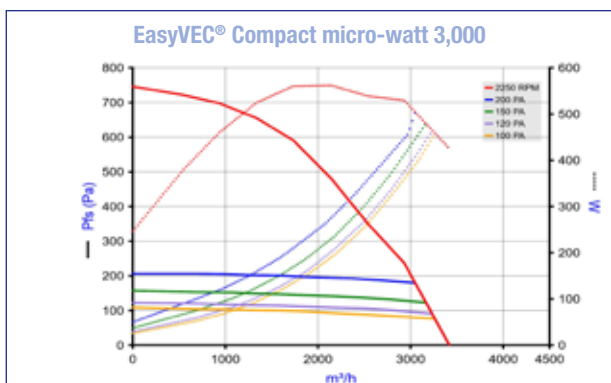
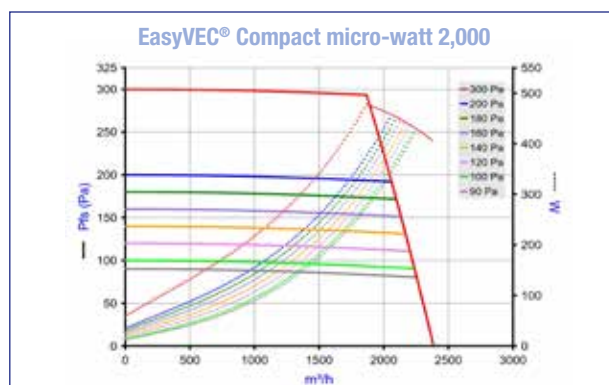
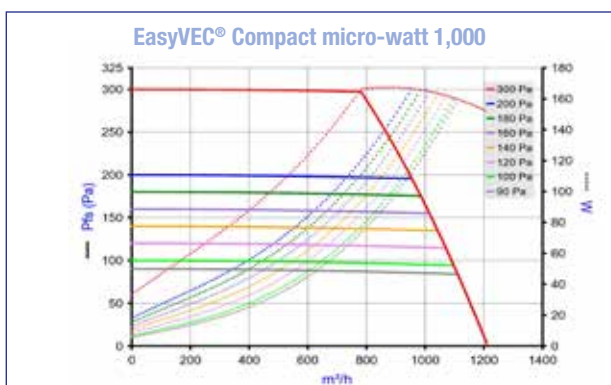
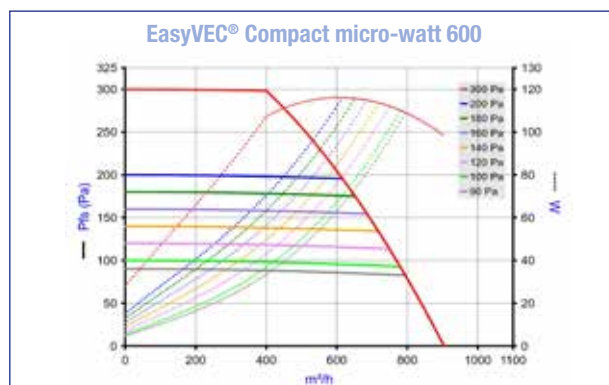
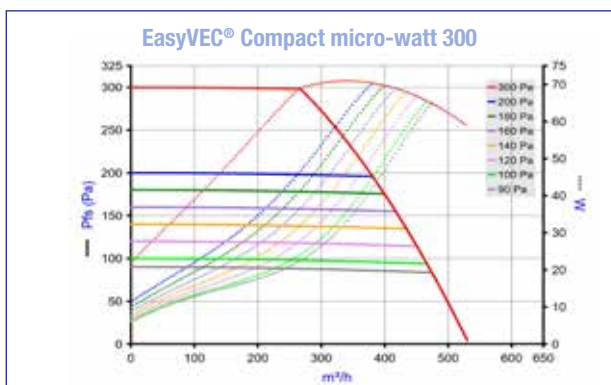
AIRFLOW DETAILS AND POWER CONSUMPTION



MW+

EasyVEC® Compact

- Airflow curves established in accordance with French Standard EN ISO 5801.
- Static pressure in Pa. Power consumption in W.

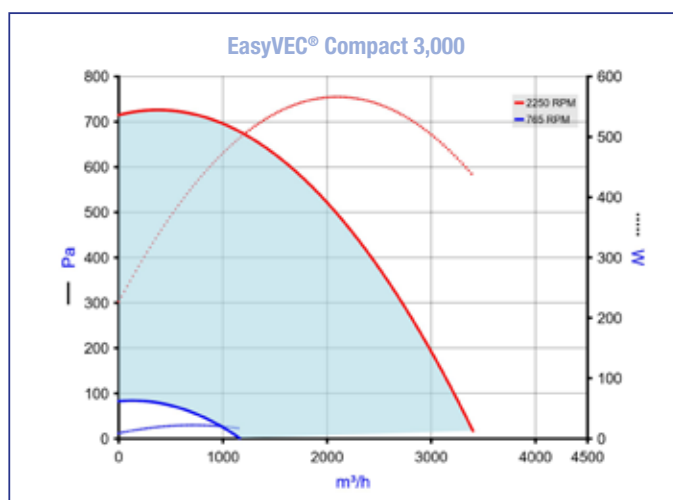
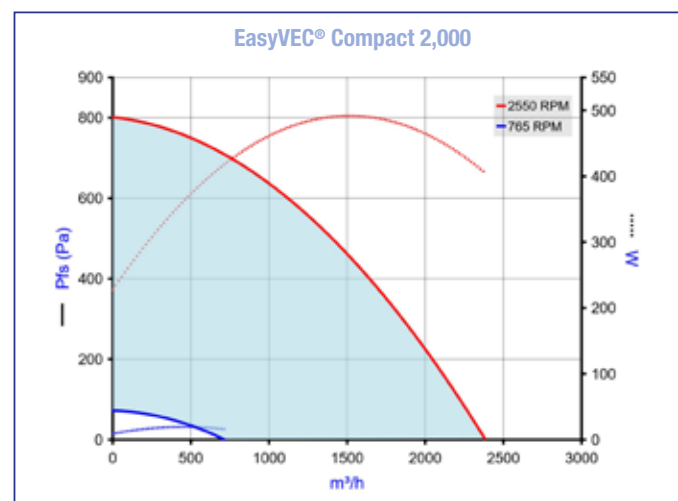
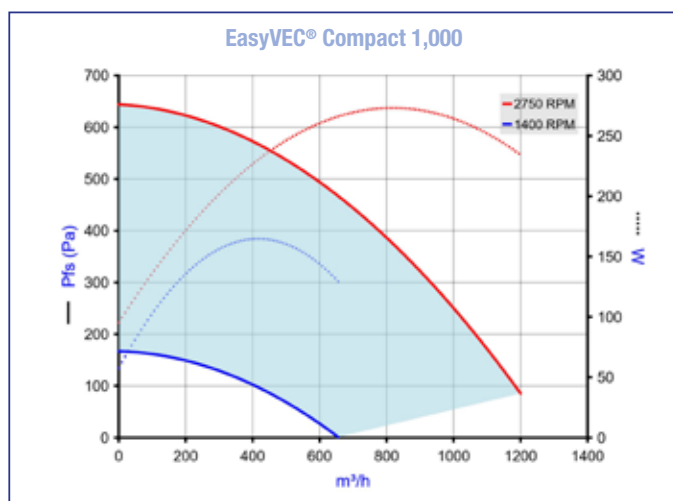
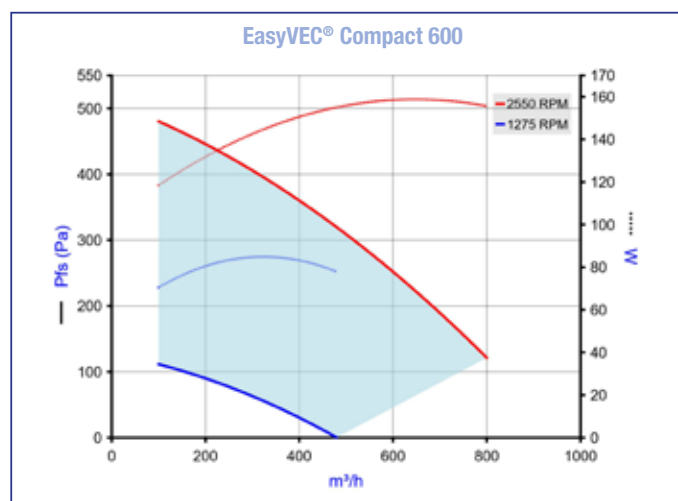
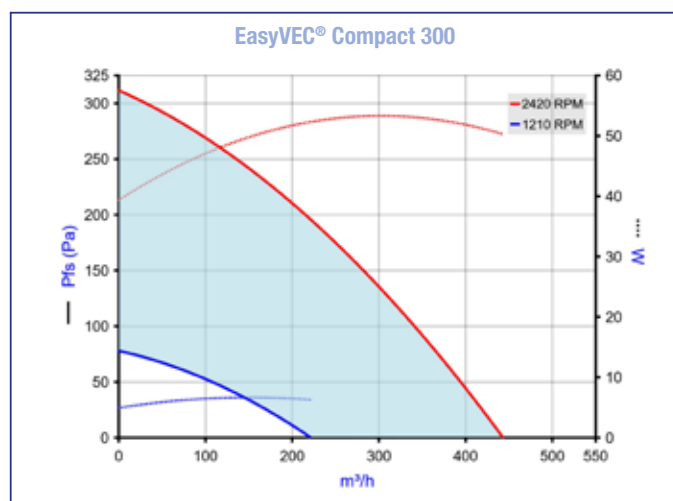


AIRFLOW DETAILS AND POWER CONSUMPTION

EasyVEC® Compact



- Airflow curves established in accordance with French Standard EN ISO 5801.
 - Static pressure in Pa. Power consumption in W.
- The curves shown corresponds to units with speed controllers to meet ErP requirements.

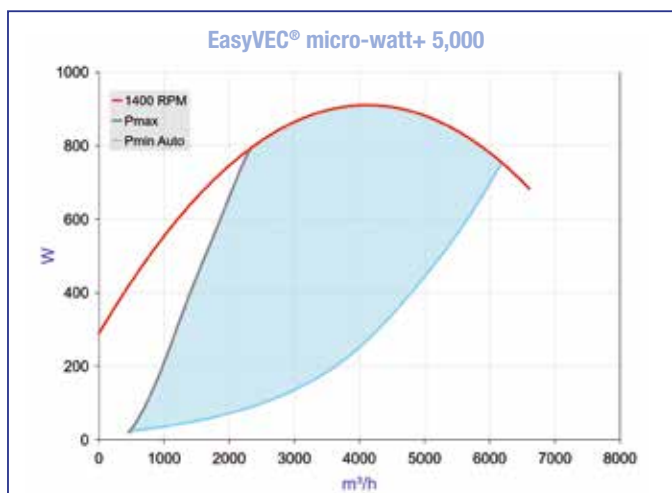
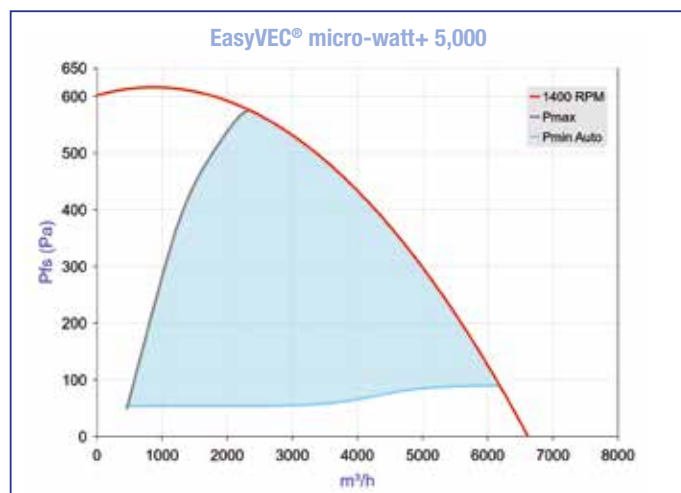
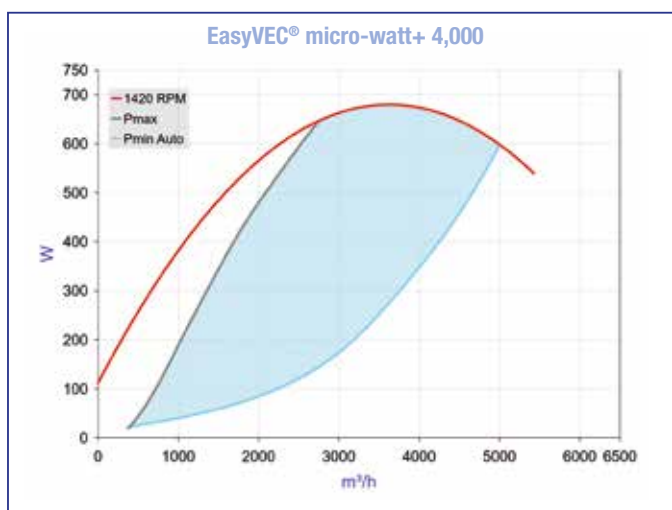
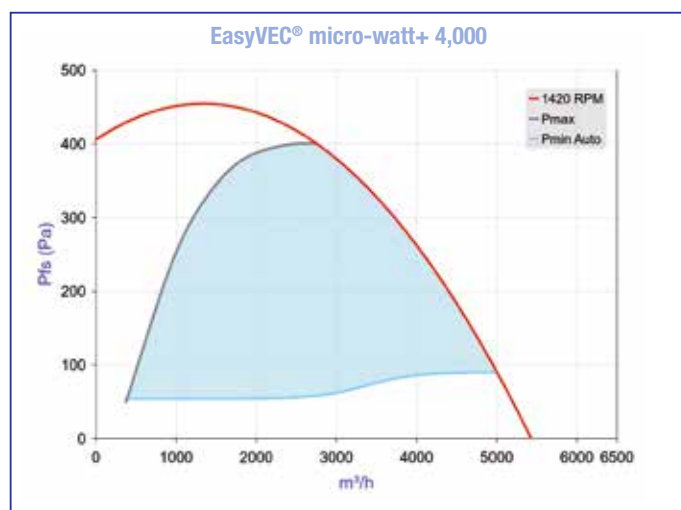


AIRFLOW DETAILS AND POWER CONSUMPTION

EasyVEC® Micro-watt+



- Airflow curves drawn up in accordance with French Standard EN ISO 5801.
- P (Pa) = static pressure • P (W) = power consumption

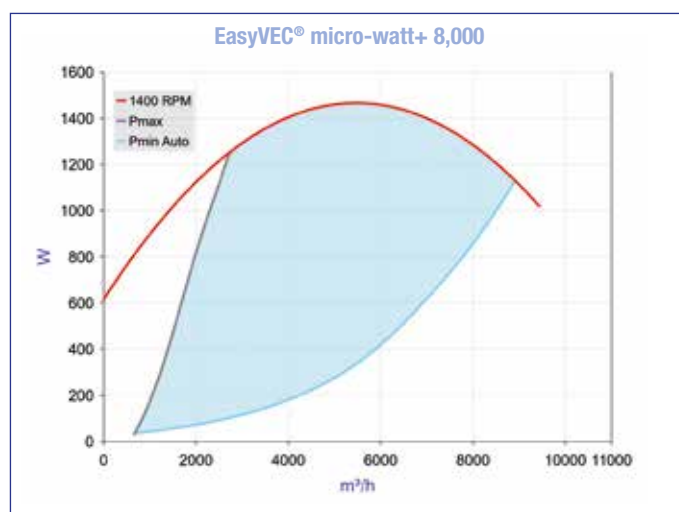
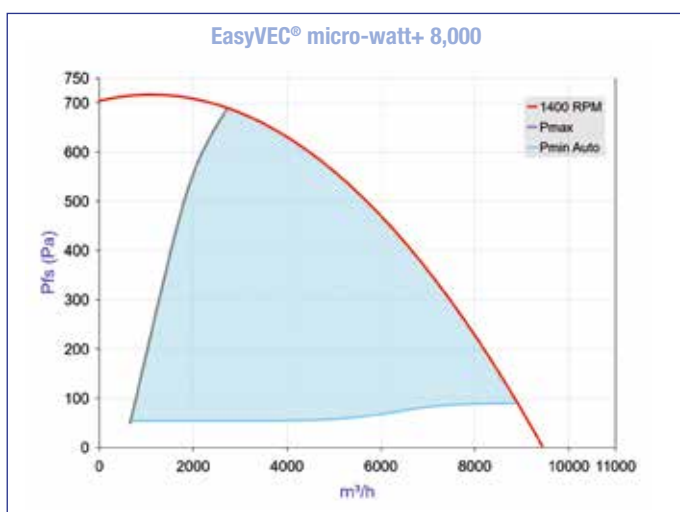
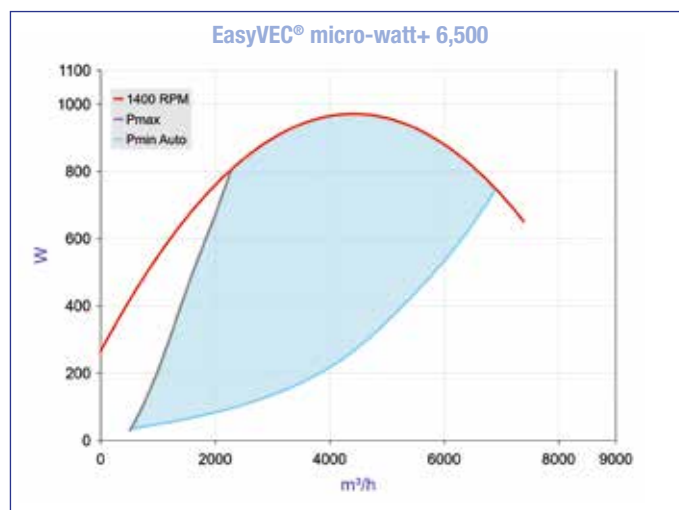
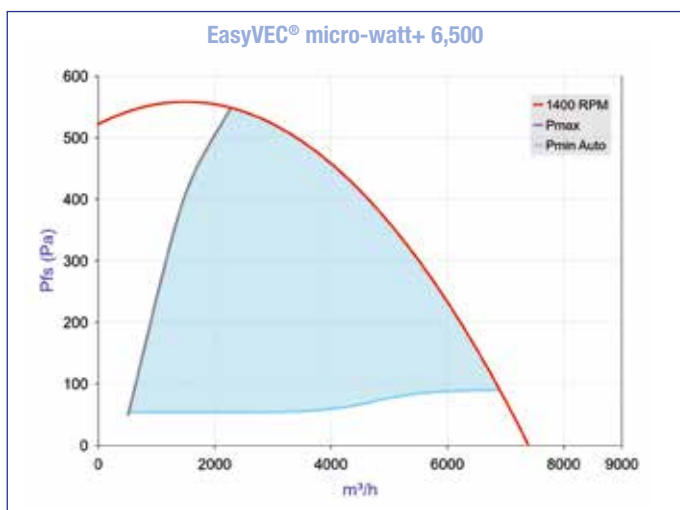


AIRFLOW DETAILS AND POWER CONSUMPTION

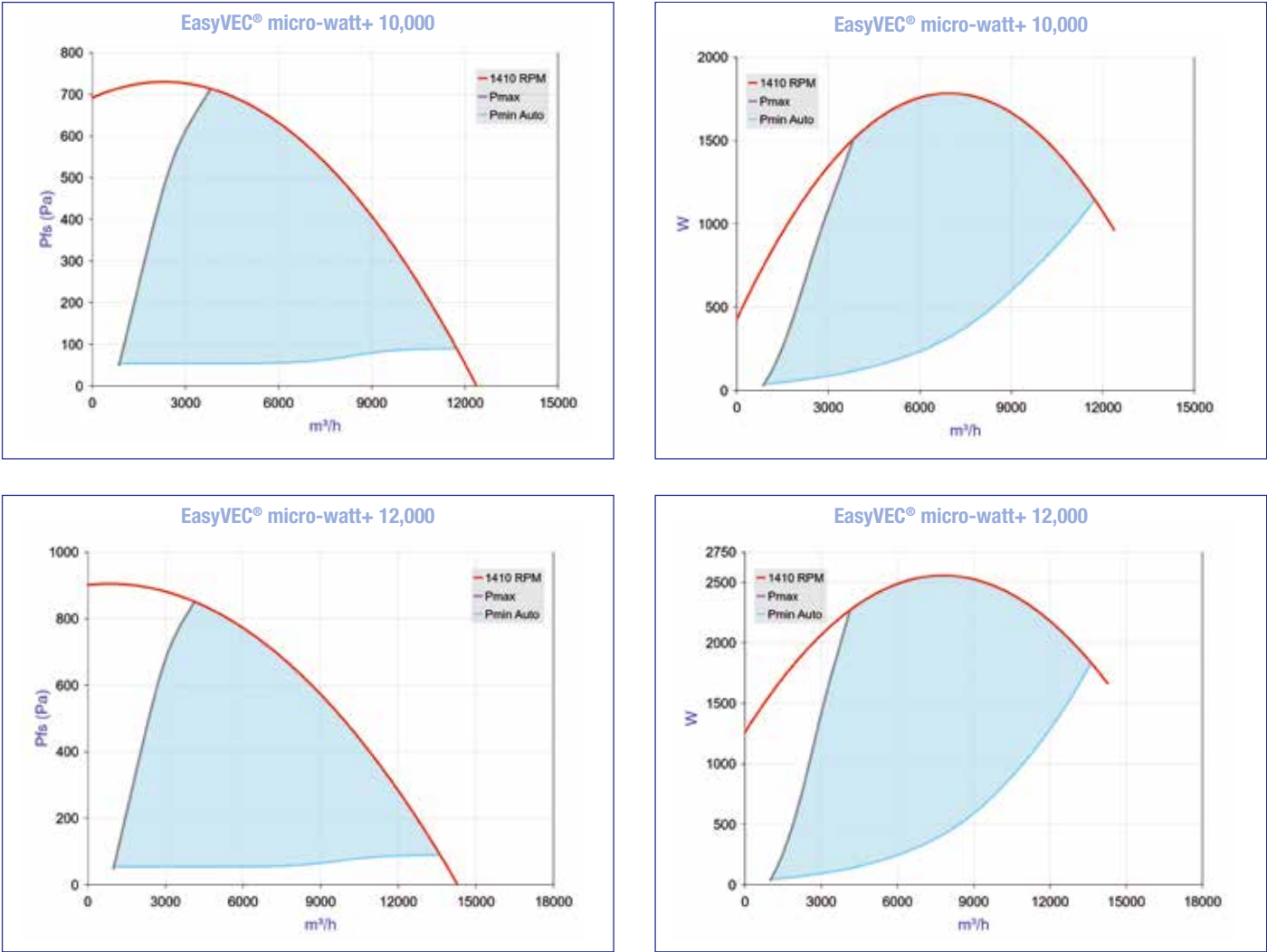
EasyVEC® Micro-Watt +



- Airflow curves drawn up in accordance with French Standard EN ISO 5801.
- P (Pa) = static pressure.
- P (W) = power consumption.



AIRFLOW DETAILS AND POWER CONSUMPTION

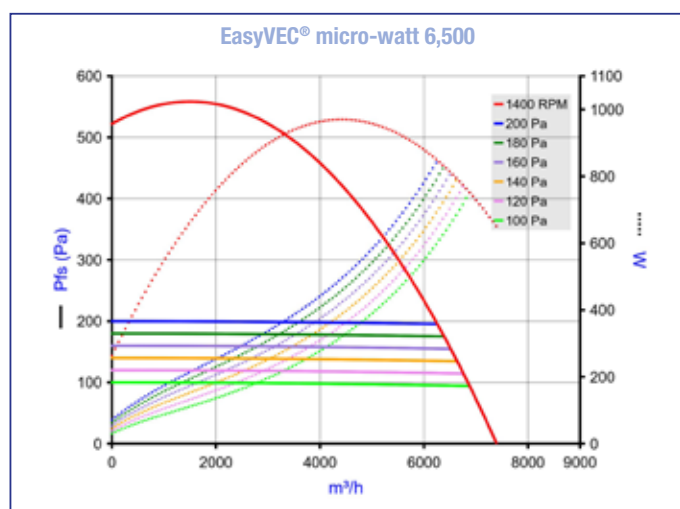
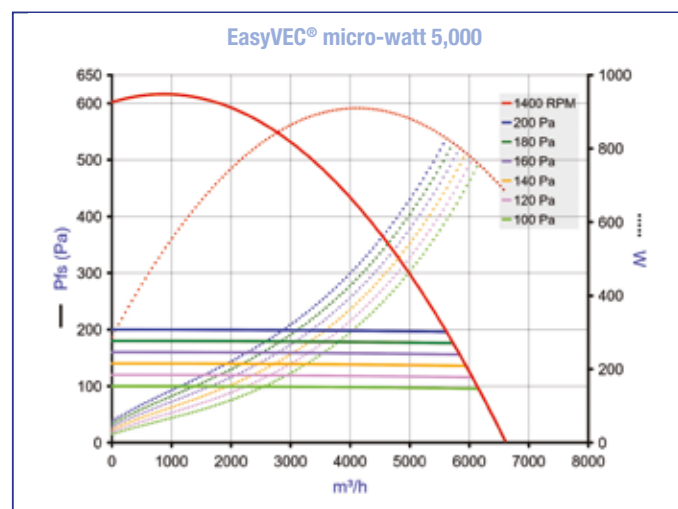
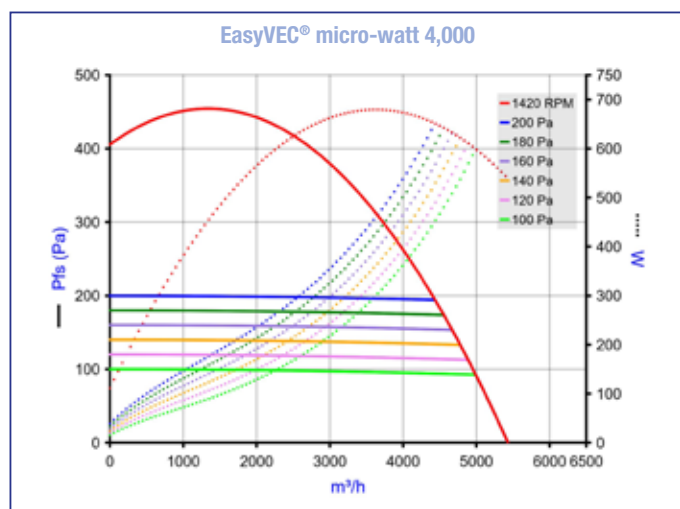


AIRFLOW DETAILS AND POWER CONSUMPTION

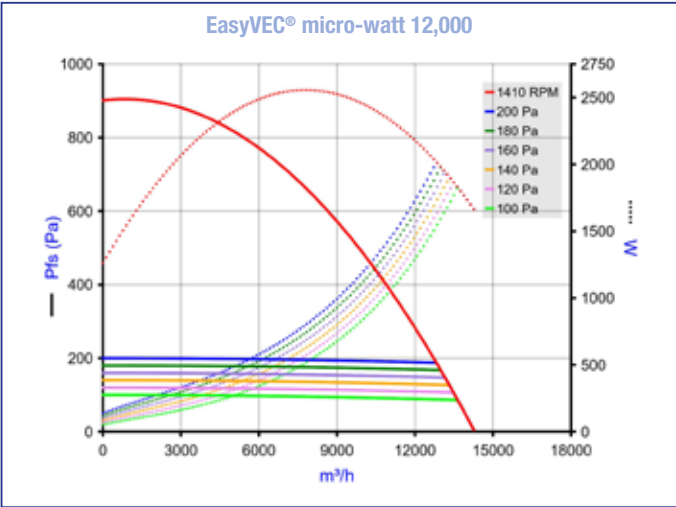
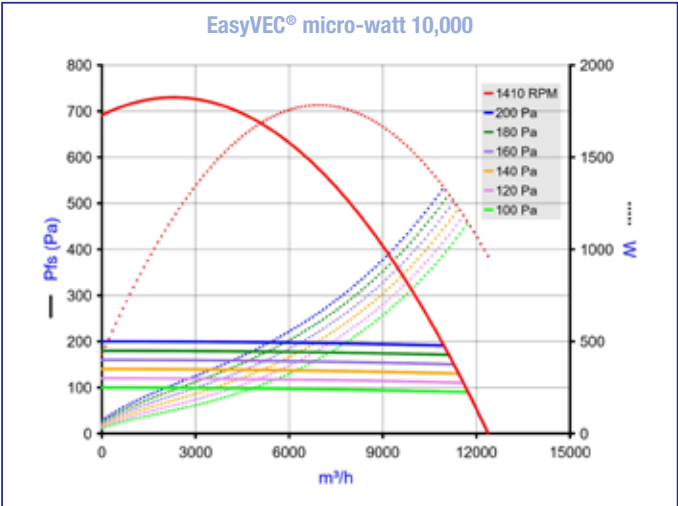
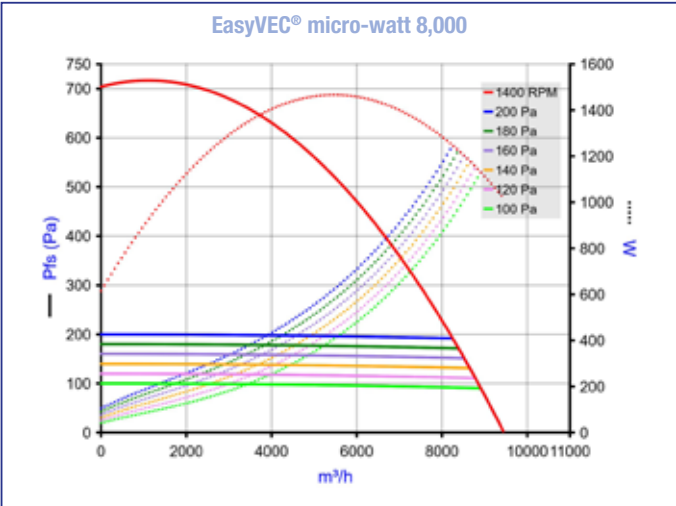
EasyVEC® Micro-Watt



- Airflow curves drawn up in accordance with French Standard EN ISO 5801.
- P (Pa) = static pressure.
- P (W) = power consumption.



AIRFLOW DETAILS AND POWER CONSUMPTION

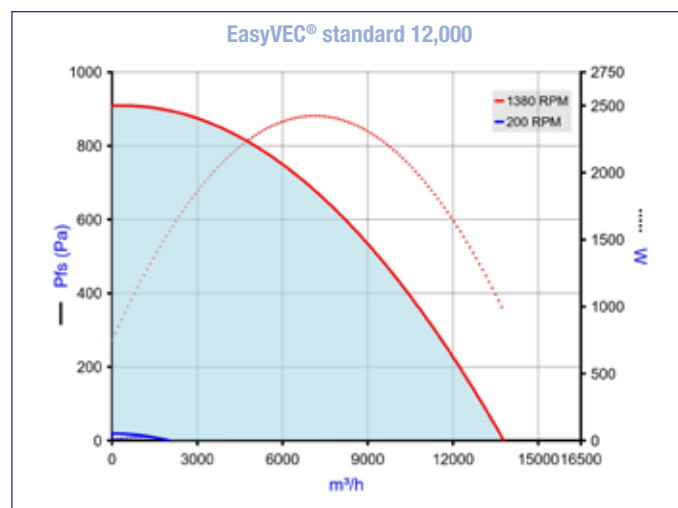
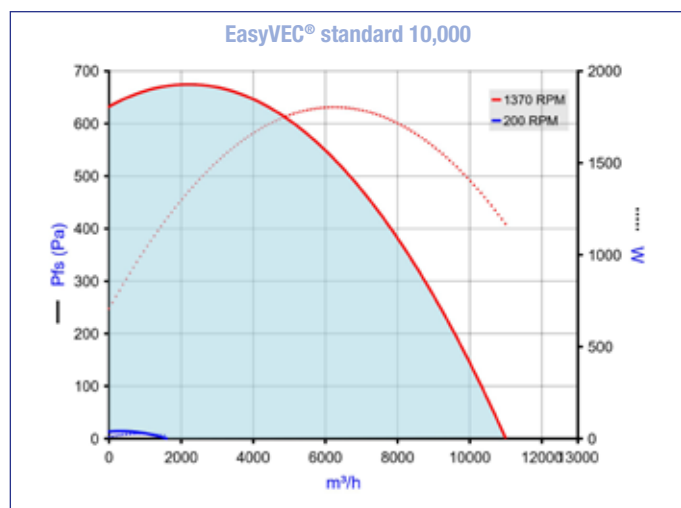
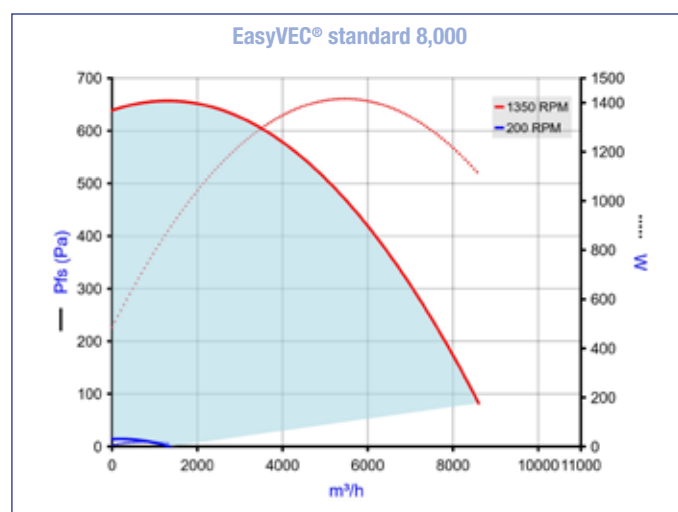
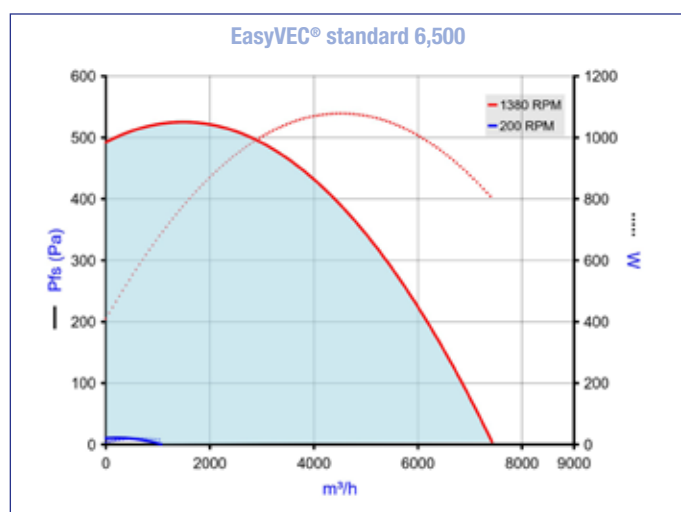
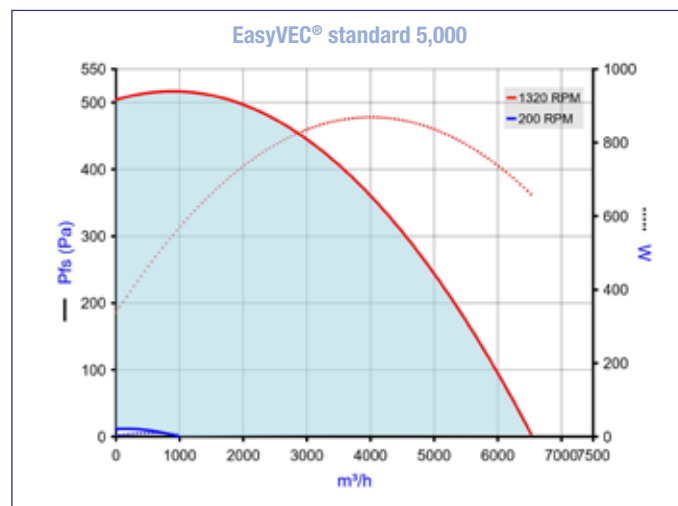
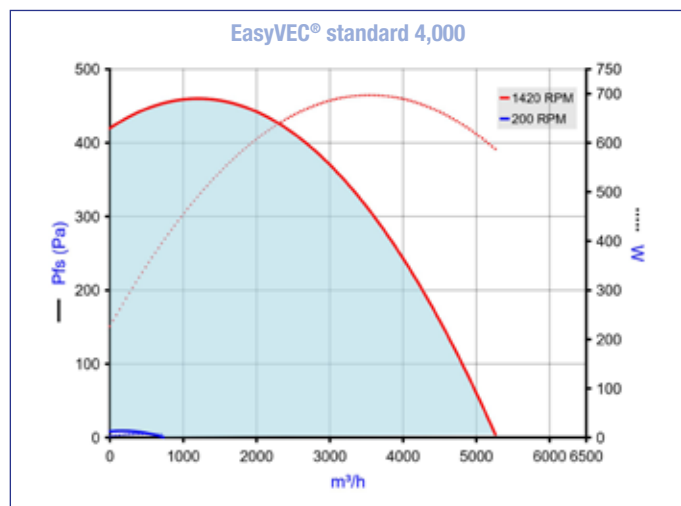


AIRFLOW DETAILS AND POWER CONSUMPTION

EasyVEC® Standard



- Airflow curves drawn up in accordance with French Standard EN ISO 5801.
 - P (Pa) = static pressure
 - P (W) = power consumption
- The curves for models > 3,000 m³/h correspond to units with speed controllers to meet ErP requirements.



ACOUSTIC DETAILS

EasyVEC® COMPACT

MW+

MW

☆☆
STANDARD

- Criteria achieved with a free outlet configuration as per standards:
 - ISO 5136 sound levels in ducts
 - ISO 3741 radiated sound
- Lw: Sound power level dB(A).
Lp: Sound pressure level dB(A) measured at 4 m in free field.

EasyVEC® Compact 300											
Airflow (m³/h)	Pressure (Pa)		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Lw dB(A)	Lp dB(A)
300	135	Ducted outlet	50	50	44	39	36	28	24	46	26
		In inlet duct	64	58	48	51	51	45	39	57	-
300	120	Ducted outlet	37	32	36	38	31	23	<20	40	20
		In inlet duct	53	50	43	52	55	46	42	58	-
150	200	Ducted outlet	47	53	52	40	36	30	33	51	31
		In inlet duct	59	57	49	53	55	47	47	59	-
150	120	Ducted outlet	45	48	44	35	33	27	26	44	24
		In inlet duct	54	50	42	46	49	40	35	53	-
60	200	Ducted outlet	45	50	46	40	37	32	33	47	27
		In inlet duct	64	55	44	49	53	44	39	57	-
60	120	Ducted outlet	41	45	40	34	32	27	27	42	22
		In inlet duct	57	50	39	44	47	38	34	51	-
Insulated versions											
300	135	Ducted outlet	53	54	51	40	38	31	28	51	31
		In inlet duct	54	51	44	52	56	47	43	59	-
300	120	Ducted outlet	34	27	29	36	29	21	<20	38	<20
		In inlet duct	63	56	47	51	51	45	39	57	-
150	200	Ducted outlet	44	49	46	39	34	28	29	46	26
		In inlet duct	69	63	52	52	50	45	43	60	-
150	120	Ducted outlet	43	43	37	34	31	25	22	40	20
		In inlet duct	63	56	46	45	45	38	32	53	-
60	200	Ducted outlet	43	45	39	38	35	30	29	43	23
		In inlet duct	74	61	48	49	48	42	36	60	-
60	120	Ducted outlet	38	40	34	33	29	24	23	38	<20
		In inlet duct	67	56	43	43	43	37	30	54	-

ACOUSTIC DETAILS

EasyVEC® COMPACT



- Criteria achieved with a free outlet configuration as per standards:

- ISO 5136 sound levels in ducts

- ISO 3741 radiated sound

Lw: Sound power level dB(A).

Lp: Sound pressure level dB(A) measured at 4 m in free field.

EasyVEC® Compact 600											
Airflow (m³/h)	Pressure (Pa)		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Lw dB(A)	Lp dB(A)
600	200	Ducted outlet	60	67	60	54	47	39	47	62	42
		In inlet duct	62	66	57	62	62	54	54	67	-
600	120	Ducted outlet	58	67	60	53	46	38	47	62	42
		In inlet duct	57	62	52	60	60	51	52	65	-
300	200	Ducted outlet	55	59	55	43	38	31	34	55	35
		In inlet duct	65	61	52	58	58	49	48	63	-
300	120	Ducted outlet	49	53	48	40	34	27	31	49	29
		In inlet duct	58	59	48	53	53	45	44	58	-
120	200	Ducted outlet	57	60	52	43	37	31	31	54	34
		In inlet duct	66	60	47	54	55	47	44	60	-
120	120	Ducted outlet	51	54	47	37	32	25	26	49	28
		In inlet duct	61	56	43	50	50	42	40	56	-
Insulated versions											
600	200	Ducted outlet	57	62	53	53	44	36	43	58	38
		In inlet duct	72	72	60	61	57	52	50	67	-
600	120	Ducted outlet	56	63	53	52	44	35	43	57	37
		In inlet duct	67	69	56	59	55	50	48	64	-
300	200	Ducted outlet	52	55	49	41	35	29	30	50	30
		In inlet duct	75	70	56	57	53	48	45	65	-
300	120	Ducted outlet	46	49	41	38	32	25	27	44	24
		In inlet duct	68	65	52	52	49	43	41	60	-
120	200	Ducted outlet	54	56	46	41	35	28	27	50	30
		In inlet duct	75	66	51	54	50	45	41	63	-
120	120	Ducted outlet	48	50	41	36	30	23	22	44	24
		In inlet duct	71	62	47	49	46	40	36	58	-
EasyVEC® Compact 1 000											
Débit (m³/h)	Pression (Pa)		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Lw (dBA)	Lp (dBA)
1000	200	Ducted outlet	67	72	63	53	48	41	52	66	45
		In inlet duct	67	75	63	69	70	61	68	75	-
1000	120	Ducted outlet	68	75	61	53	48	40	54	68	48
		In inlet duct	66	76	62	68	69	60	68	75	-
500	200	Ducted outlet	56	60	56	45	38	32	35	56	36
		In inlet duct	61	64	54	61	60	53	55	66	-
500	120	Ducted outlet	52	55	50	40	34	29	35	50	30
		In inlet duct	56	60	50	57	57	49	53	62	-
200	200	Ducted outlet	52	57	52	41	35	28	29	52	32
		In inlet duct	65	64	52	57	57	48	47	62	-
200	150	Ducted outlet	49	55	50	38	32	26	27	50	30
		In inlet duct	62	61	50	55	54	45	44	60	-

Insulated versions											
1000	200	Ducted outlet	64	68	56	51	45	38	48	61	41
		In inlet duct	77	81	66	68	65	60	64	76	-
1000	120	Ducted outlet	66	70	57	51	46	37	50	63	43
		In inlet duct	76	82	66	68	65	59	64	76	-
500	200	Ducted outlet	53	56	49	43	36	29	31	51	31
		In inlet duct	71	71	58	60	56	51	51	66	-
500	120	Ducted outlet	49	54	43	39	32	26	31	46	26
		In inlet duct	66	67	53	56	52	48	49	62	-
200	200	Ducted outlet	49	53	45	39	33	26	25	47	27
		In inlet duct	74	70	56	56	52	47	43	65	-
200	150	Ducted outlet	47	50	43	37	30	23	23	45	25
		In inlet duct	71	68	54	54	50	44	40	62	-

EasyVEC® Compact 2,000											
Airflow (m³/h)	Pressure (Pa)		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Lw dB(A)	Lp dB(A)
1400	200	Ducted outlet	59	82	66	62	54	46	60	82	62
		In inlet duct	40	82	70	76	80	68	75	85	-
1400	120	Ducted outlet	59	82	66	62	54	46	60	82	62
		In inlet duct	40	82	70	76	80	68	75	85	-
1000	200	Ducted outlet	63	78	64	61	54	47	57	78	58
		In inlet duct	53	77	68	73	78	68	72	82	-
1000	120	Ducted outlet	63	78	64	61	54	47	57	78	58
		In inlet duct	53	77	68	73	78	68	72	82	-
400	200	Ducted outlet	52	61	57	56	50	47	48	64	44
		In inlet duct	57	62	59	68	73	66	63	76	-
400	120	Ducted outlet	52	60	57	56	50	47	48	64	44
		In inlet duct	57	62	59	68	73	66	63	75	-

Insulated versions											
1400	200	Ducted outlet	52	76	64	64	59	46	58	77	57
		In inlet duct	50	88	73	75	76	66	71	89	-
1400	120	Ducted outlet	52	76	64	64	59	46	58	77	57
		In inlet duct	50	88	73	75	76	66	71	89	-
1000	200	Ducted outlet	56	72	63	63	58	47	55	74	54
		In inlet duct	63	83	72	72	74	67	68	85	-
1000	120	Ducted outlet	56	72	63	63	58	47	55	74	53
		In inlet duct	63	83	72	72	74	67	68	85	-
400	200	Ducted outlet	45	55	55	58	55	47	46	62	42
		In inlet duct	67	68	63	67	68	65	59	75	-
400	120	Ducted outlet	45	55	55	58	55	47	46	62	42
		In inlet duct	67	68	63	67	68	65	59	75	-

EasyVEC® Compact 3,000											
Airflow (m³/h)	Pressure (Pa)		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Lw dB(A)	Lp dB(A)
2100	120	Ducted outlet	58	68	50	51	53	50	49	-	42
		In inlet duct	68	71	69	63	65	59	64	71	-
1500	120	Ducted outlet	52	63	45	45	47	45	42	-	36
		In inlet duct	61	65	63	57	59	53	56	65	-
750	120	Ducted outlet	46	54	39	37	39	38	31	-	28
		In inlet duct	52	58	52	47	51	46	45	57	-

Insulated versions											
2100	120	Ducted outlet	55	65	48	48	48	46	45	-	38
		In inlet duct	77	77	72	62	60	57	60	73	-
1500	120	Ducted outlet	49	60	43	42	42	40	38	-	33
		In inlet duct	71	72	66	56	54	52	53	67	-
750	120	Ducted outlet	43	51	36	34	34	33	27	-	25
		In inlet duct	62	64	56	46	46	44	41	59	-

ACOUSTIC DETAILS



- Criteria complying with standards:

- ISO 5136 sound levels in ducts

- ISO 3741 radiated sound

Lw: Sound power level dB(A).

Lp: Sound pressure level dB(A) measured at 4 m in free field.

EasyVEC® Micro-watt+ 4,000 / EasyVEC® Micro-watt 4,000											
Airflow (m³/h)	Pressure (Pa)		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Lw dB(A)	Lp dB(A)
1000	120	Radiated	71	67	63	60	54	48	42	-	45
		In inlet duct	70	57	56	51	51	45	38	59	-
2000	120	Radiated	76	72	68	66	61	57	51	-	51
		In inlet duct	75	64	61	57	58	54	47	66	-
2800	120	Radiated	82	77	73	71	66	62	56	-	56
		In inlet duct	81	70	66	62	63	59	52	71	-
Insulated versions											
1000	120	Radiated	70	69	62	60	55	49	42	-	45
		In inlet duct	65	52	53	49	49	44	36	56	-
2000	120	Radiated	75	74	67	66	62	57	50	-	51
		In inlet duct	70	60	58	55	56	52	45	63	-
2800	120	Radiated	81	79	72	71	67	62	55	-	56
		In inlet duct	76	65	63	60	61	57	50	68	-
EasyVEC® Micro-watt+ 5,000 / EasyVEC® Micro-watt 5,000											
Airflow (m³/h)	Pressure (Pa)		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Lw dB(A)	Lp dB(A)
1250	120	Radiated	70	67	65	60	56	52	45	-	46
		In inlet duct	68	59	59	55	56	51	43	62	-
2500	120	Radiated	71	72	71	65	62	59	51	-	52
		In inlet duct	77	68	67	61	62	58	50	69	-
3500	120	Radiated	78	79	77	70	68	65	57	-	57
		In inlet duct	84	74	72	67	68	64	56	75	-
Insulated versions											
1250	120	Radiated	69	69	64	61	57	52	44	-	47
		In inlet duct	63	55	56	53	54	49	41	59	-
2500	120	Radiated	70	74	70	65	63	59	50	-	52
		In inlet duct	72	63	64	59	60	56	47	67	-
3500	120	Radiated	77	81	76	71	69	65	57	-	58
		In inlet duct	80	70	69	65	66	63	54	72	-

ACOUSTIC DETAILS

EasyVEC® Micro-watt+ 6,500 / EasyVEC® Micro-watt 6,500											
Airflow (m³/h)	Pressure (Pa)		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Lw dB(A)	Lp dB(A)
1625	120	Radiated	69	70	66	62	56	50	44	-	47
		In inlet duct	67	63	60	56	56	49	43	63	-
3250	120	Radiated	79	77	72	69	63	58	51	-	54
		In inlet duct	78	70	66	63	63	57	49	70	-
4550	120	Radiated	85	83	77	74	68	64	56	-	60
		In inlet duct	84	76	71	68	67	63	55	76	-
Insulated versions											
1625	120	Radiated	68	72	65	63	57	51	44	-	48
		In inlet duct	62	59	57	54	54	48	41	60	-
3250	120	Radiated	78	79	71	69	64	58	50	-	55
		In inlet duct	73	66	63	61	61	55	47	67	-
4550	120	Radiated	85	85	76	74	68	65	55	-	60
		In inlet duct	80	72	68	66	65	61	52	73	-
EasyVEC® Micro-watt+ 8,000 / EasyVEC® Micro-watt 8,000											
Airflow (m³/h)	Pressure (Pa)		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Lw dB(A)	Lp dB(A)
2000	120	Radiated	73	71	67	63	57	52	45	-	49
		In inlet duct	72	63	61	57	56	51	44	64	-
4000	120	Radiated	83	81	75	72	66	62	54	-	58
		In inlet duct	82	74	69	66	66	60	53	73	-
5600	120	Radiated	87	85	80	77	72	67	59	-	63
		In inlet duct	86	79	74	71	71	66	58	78	-
Insulated versions											
2000	120	Radiated	72	72	66	64	57	52	44	-	49
		In inlet duct	67	59	57	55	54	49	41	61	-
4000	120	Radiated	82	83	74	72	67	62	53	-	58
		In inlet duct	77	70	66	64	64	59	50	70	-
5600	120	Radiated	86	87	79	77	72	67	58	-	63
		In inlet duct	81	74	71	69	69	64	55	76	-

ACOUSTIC DETAILS



- Criteria complying with standards:

- ISO 5136 sound levels in ducts

- ISO 3741 radiated sound

Lw: Sound power level dB(A).

Lp: Sound pressure level dB(A) measured at 4 m in free field.

EasyVEC® Micro-watt+ 10,000 / EasyVEC® Micro-watt 10,000											
Airflow (m³/h)	Pressure (Pa)		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Lw dB(A)	Lp dB(A)
2500	120	Radiated	74	73	68	65	59	53	46	-	50
		In inlet duct	73	66	63	59	58	52	45	66	-
5000	120	Radiated	85	83	78	75	69	65	57	-	60
		In inlet duct	84	77	72	69	69	64	56	76	-
7000	120	Radiated	89	92	84	77	71	67	58	-	66
		In inlet duct	89	81	76	73	70	65	58	80	-
Insulated versions											
2500	120	Radiated	74	75	67	65	59	54	46	-	51
		In inlet duct	69	62	59	57	56	51	43	63	-
5000	120	Radiated	84	85	77	75	70	65	56	-	61
		In inlet duct	79	72	69	67	67	62	53	73	-
7000	120	Radiated	89	94	83	78	72	68	58	-	67
		In inlet duct	85	77	73	71	68	64	56	77	-

EasyVEC® Micro-watt+ 12,000 / EasyVEC® Micro-watt 12,000											
Airflow (m³/h)	Pressure (Pa)		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Lw dB(A)	Lp dB(A)
3000	120	Radiated	68	73	69	62	52	48	47	-	49
		In inlet duct	67	66	63	56	52	47	46	64	-
6000	120	Radiated	89	88	79	73	60	59	57	-	62
		In inlet duct	88	81	73	67	60	58	56	77	-
8400	120	Radiated	99	97	85	81	66	66	64	-	71
		In inlet duct	99	90	79	74	66	65	63	86	-
Insulated versions											
3000	120	Radiated	67	75	68	62	53	49	46	-	50
		In inlet duct	62	62	60	53	50	46	44	61	-
6000	120	Radiated	88	90	78	74	61	59	56	-	63
		In inlet duct	83	77	70	65	58	56	53	73	-
8400	120	Radiated	98	99	84	81	66	66	63	-	72
		In inlet duct	94	86	76	72	63	63	60	82	-

ACOUSTIC DETAILS



- Criteria achieved with a free outlet configuration as per standards:
 - ISO 5136 sound levels in ducts
 - ISO 3741 radiated sound
- Lw: Sound power level dB(A).
Lp: Sound pressure level dB(A) measured at 4 m in free field.

EasyVEC® standard 4,000											
Airflow (m³/h)	Pressure (Pa)		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Lw dB(A)	Lp dB(A)
1000	120	Radiated	71	67	63	60	54	48	42	-	45
		In inlet duct	70	57	56	51	51	45	38	59	-
2000	120	Radiated	76	72	68	65	61	57	51	-	51
		In inlet duct	75	64	61	57	58	54	47	65	-
2800	120	Radiated	82	77	73	71	66	62	56	-	56
		In inlet duct	81	70	66	62	63	59	52	71	-
Insulated versions											
1000	120	Radiated	71	69	62	60	55	49	42	-	45
		In inlet duct	66	52	53	49	49	44	36	56	-
2000	120	Radiated	75	74	67	66	62	57	50	-	51
		In inlet duct	70	60	58	55	56	52	45	63	-
2800	120	Radiated	81	79	72	71	67	62	55	-	56
		In inlet duct	76	65	63	60	61	57	50	68	-

EasyVEC® standard 5,000											
Airflow (m³/h)	Pressure (Pa)		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Lw dB(A)	Lp dB(A)
1250	120	Radiated	70	68	66	61	57	52	45	-	47
		In inlet duct	69	60	60	55	57	51	44	63	-
2500	120	Radiated	71	72	71	65	62	59	51	-	52
		In inlet duct	77	68	67	61	62	58	50	69	-
3500	120	Radiated	78	79	77	70	68	65	57	-	57
		In inlet duct	84	74	72	66	68	64	56	75	-
Insulated versions											
1250	120	Radiated	70	70	65	62	58	53	45	-	47
		In inlet duct	64	55	57	53	55	50	42	60	-
2500	120	Radiated	70	74	70	65	63	59	50	-	52
		In inlet duct	72	63	64	59	60	56	47	67	-
3500	120	Radiated	78	81	76	71	68	65	56	-	58
		In inlet duct	80	69	69	64	66	63	54	72	-

ACOUSTIC DETAILS

EasyVEC® Standard



- Criteria achieved with a free outlet configuration as per standards:

- ISO 5136 sound levels in ducts

- ISO 3741 radiated sound

Lw: Sound power level dB(A).

Lp: Sound pressure level dB(A) measured at 4 m in free field.

EasyVEC® standard 6,500											
Airflow (m³/h)	Pressure (Pa)		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Lw dB(A)	Lp dB(A)
1625	120	Radiated	69	70	66	62	56	51	45	-	48
		In inlet duct	67	63	60	56	56	50	43	63	-
3250	120	Radiated	78	77	72	69	63	58	51	-	54
		In inlet duct	78	70	66	63	63	57	49	70	-
4550	120	Radiated	85	83	77	74	68	64	56	-	60
		In inlet duct	84	76	72	69	67	63	55	76	-
Insulated versions											
1625	120	Radiated	68	72	65	63	57	51	44	-	48
		In inlet duct	62	59	57	54	54	48	41	60	-
3250	120	Radiated	77	79	71	69	64	58	50	-	55
		In inlet duct	73	66	63	61	61	55	47	67	-
4550	120	Radiated	84	85	76	74	68	64	55	-	60
		In inlet duct	80	72	68	66	65	61	52	73	-

EasyVEC® standard 8,000											
Airflow (m³/h)	Pressure (Pa)		125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Lw dB(A)	Lp dB(A)
2000	120	Radiated	73	71	67	63	57	52	45	-	49
		In inlet duct	72	64	61	57	56	51	44	64	-
4000	120	Radiated	81	79	74	71	65	60	52	-	56
		In inlet duct	80	72	68	65	65	59	51	72	-
5600	120	Radiated	87	85	80	77	72	67	59	-	63
		In inlet duct	86	79	74	71	71	66	58	78	-
Insulated versions											
2000	120	Radiated	72	73	66	64	58	52	44	-	49
		In inlet duct	67	59	58	55	54	49	41	61	-
4000	120	Radiated	80	81	73	71	65	60	51	-	57
		In inlet duct	75	68	65	63	62	57	49	69	-
5600	120	Radiated	86	87	79	77	72	67	58	-	63
		In inlet duct	81	74	71	69	69	64	55	76	-

ACOUSTIC DETAILS

Airflow (m³/h)	Pressure (Pa)		EasyVEC® standard 10,000								
			125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz	Lw dB(A)	Lp dB(A)
2500	120	Radiated	75	75	69	64	57	52	44	-	51
		In inlet duct	73	65	62	58	56	50	43	65	-
5000	120	Radiated	85	87	79	73	66	61	52	-	62
		In inlet duct	85	77	71	67	64	59	51	75	-
7000	120	Radiated	90	93	84	78	72	68	59	-	67
		In inlet duct	90	82	76	73	70	66	58	80	-
Insulated versions											
2500	120	Radiated	74	77	68	64	58	52	44	-	51
		In inlet duct	68	61	59	56	54	48	41	62	-
5000	120	Radiated	84	89	78	73	67	61	52	-	63
		In inlet duct	80	72	68	65	62	57	49	71	-
7000	120	Radiated	90	95	84	79	72	68	58	-	68
		In inlet duct	86	78	73	71	68	64	56	77	-

Airflow (m³/h)	Pressure (Pa)		EasyVEC® standard 12,000								Lw dB(A)	Lp dB(A)
			125 Hz	250 Hz	500 Hz	1000 Hz	2000 Hz	4000 Hz	8000 Hz			
3000	120	Radiated	68	73	69	62	52	48	47	-	49	
		In inlet duct	67	66	63	56	52	47	46	64	-	
6000	120	Radiated	89	88	79	73	61	59	57	-	62	
		In inlet duct	88	81	73	67	60	58	56	77	-	
8400	120	Radiated	99	97	85	81	66	66	64	-	71	
		In inlet duct	99	90	79	74	66	65	63	86	-	
Insulated versions												
3000	120	Radiated	67	75	68	62	53	49	46	-	50	
		In inlet duct	62	62	60	53	50	46	44	61	-	
6000	120	Radiated	88	90	79	74	61	59	56	-	63	
		In inlet duct	83	77	70	65	58	56	53	73	-	
8400	120	Radiated	98	99	84	81	67	66	63	-	72	
		In inlet duct	94	86	76	72	64	63	60	82	-	

INSTALLATION GUIDELINES

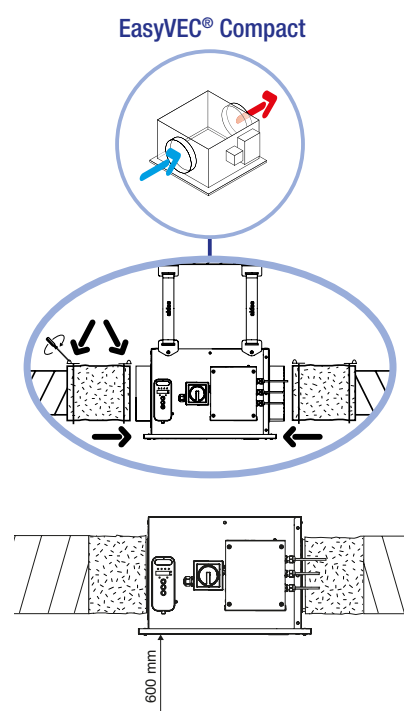
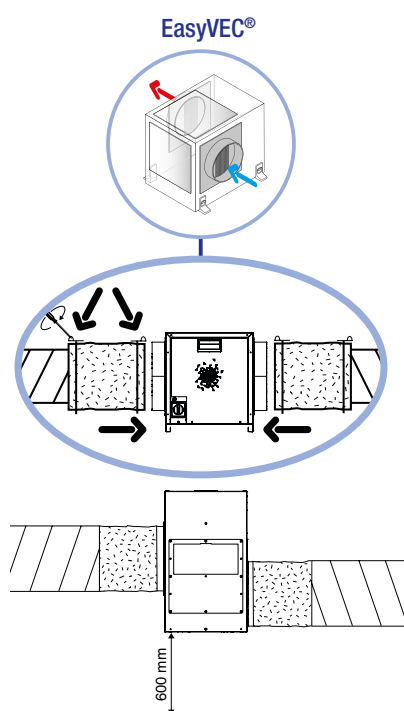
For full details on installation refer to the instructions supplied with the product.

EasyVEC®:

- Indoor or outdoor installation.
- Sufficient space must be left in front of the unit to avoid obstructing the access panel and enable maintenance of internal components.
- If the unit is installed on a roof, it should be positioned out of the wind to limit pressure losses on the outlet.
- To optimise the acoustic performance of your system, we recommend you install sound attenuators on the unit branch connections (see accessories page).
- For better airflow performance, we recommend you use the ALDES VIRTUO-FIX sealed accessories range.
- The MS PRO airtight flexible sleeves (see accessories page) can be used to extend the performance of the sealed rigid ductwork.
- If a 400 V AC 3-phase supply is used to power a single-phase unit, Aldes recommends that you modify the distribution board to deliver 230 V AC to the unit. If it is difficult to obtain a neutral wire at the unit location, it is possible to use an autotransformer to convert a 400 V AC 3-phase power supply to 230 V AC single-phase (for further information please contact our sales advisory teams).

EasyVEC® Compact:

- Indoor installation, especially in suspended ceiling or outdoors (only in horizontal position).
- Ensure the access panel is not obstructed.
- The bracket must be sufficiently strong to support the unit (refer to the "Weight and dimensions" section).



		Min / Max temperature according to model				
Model		4,000 - 12,000				
EasyVEC®	micro-watt / micro-watt+	-20/40°C				
	standard	-20/40°C				
Model		300	600	1000	2000	3000*
EasyVEC® Compact	micro-watt / micro-watt+	-25/60°C	-25/40°C	-25/60°C	-25/60°C	-25/60°C
	standard	-25/65°C	-25/70°C	-25/70°C	-25/60°C	-25/60°C

LIFETIME - MAINTENANCE

To ensure correct operation of the ventilation system, it is recommended to have the equipment inspected and maintained by a suitable provider.

IMPORTANT:

Disconnect the power before servicing a fan unit and ensure that it cannot be turned on accidentally while work is carried out.
Do not perform any servicing until the fan is fully stopped.

- All elements requiring servicing (impeller, motor, etc.) can be easily reached via the access panel, outlet grille or blanking plate.
 - Remove dust from the fan impeller and the internal components as often as necessary, and at least once a year.
 - Do not use a high-pressure or steam-cleaning system to clean the equipment.
 - Check that the fan motor unit is correctly mounted.
 - Check for any abnormal noises.
 - The filter box and long unit with built-in filter rails also offer fast, tool-free access to filters.
- Recommended frequency for filter servicing:
- monthly: inspection and replacement if necessary
 - every six months: replacement.

CAUTION:

Clogged filters may be flammable.

Reminder:

A QR code on the unit can be used to access documents to make your maintenance operations easier: instructions, list of replacement parts and tutorial videos.

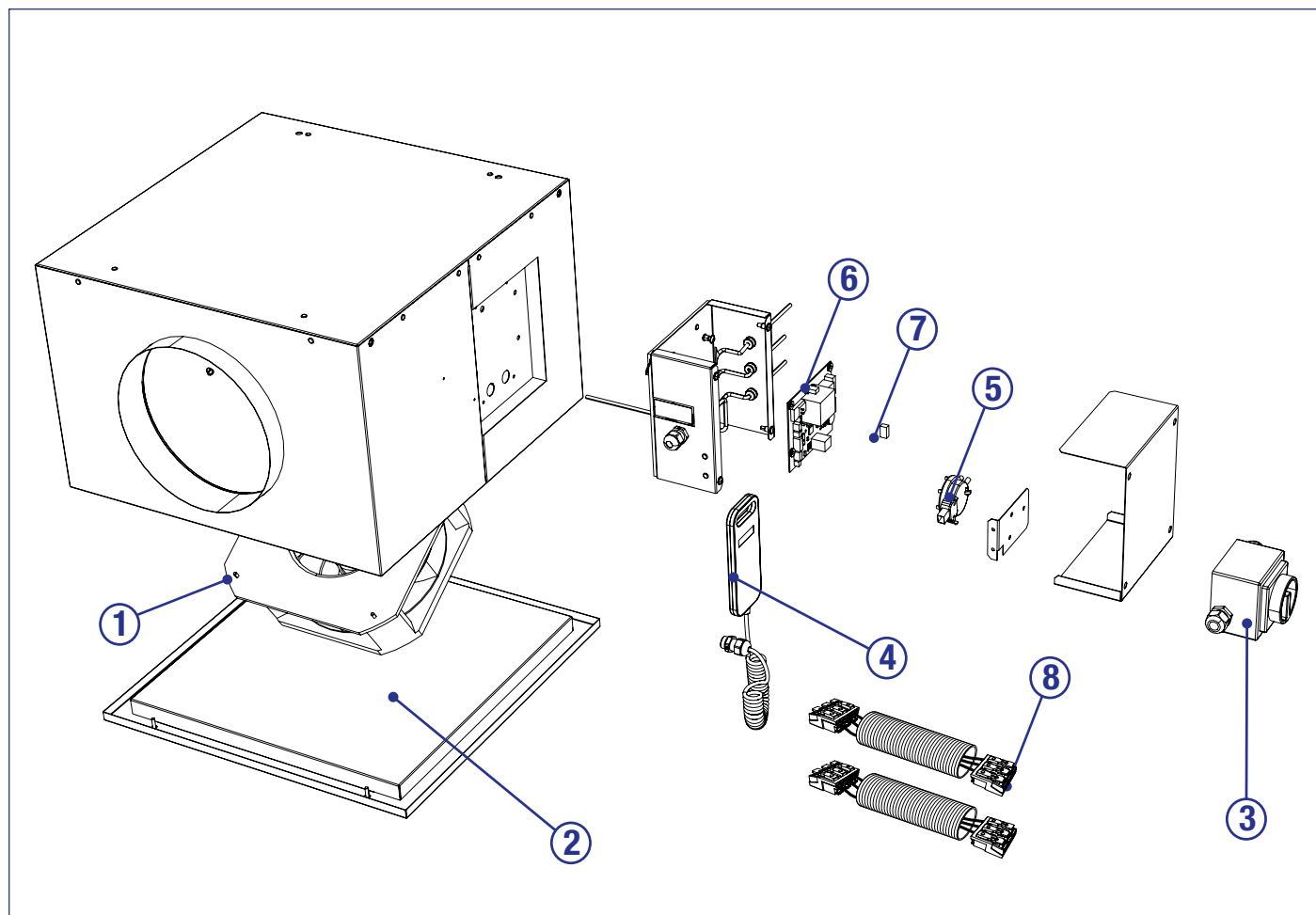


Scan this code to view the tutorial videos on installing and maintaining your EasyVEC® unit.

Element	1 month	6 months	1 year
Filter	Inspection + replacement if necessary	Replacement	
Fan		Inspection + dust removal if necessary	Dust removal

REPLACEMENT PARTS

EasyVEC® Compact Micro-Watt+ **MW+** / Micro-Watt **MW** 300 à 3,000 m³/h



No.	Part	300	600	1,000	2,000	3,000
1	Micro-watt fan	11125778	11125777	11125776	11125775	11101440
						11101712 (after 06.2023)
	Micro-watt+ fan	11100509	11100510	11100511	11125775	11101440
						11101712 (after 06.2023)
2	Cover including handle	11125654	11125653	11125652	11125651	-
3	Switch	11186222	11186222	11186222	11186222	11056196
4	Remote control	11125928	11125928	11125928	11125928	1125928
5	Micro-watt+ pressure sensor + harness	11125547	11125547	11125547	11125547	11125547
6	Circuit board	11125927	11125927	11125927	11125927	11125927
7	Modbus module	11034400	11034400	11034400	11034400	11034400
8	Harness kit	11125375	11125375	11125375	11125375	-

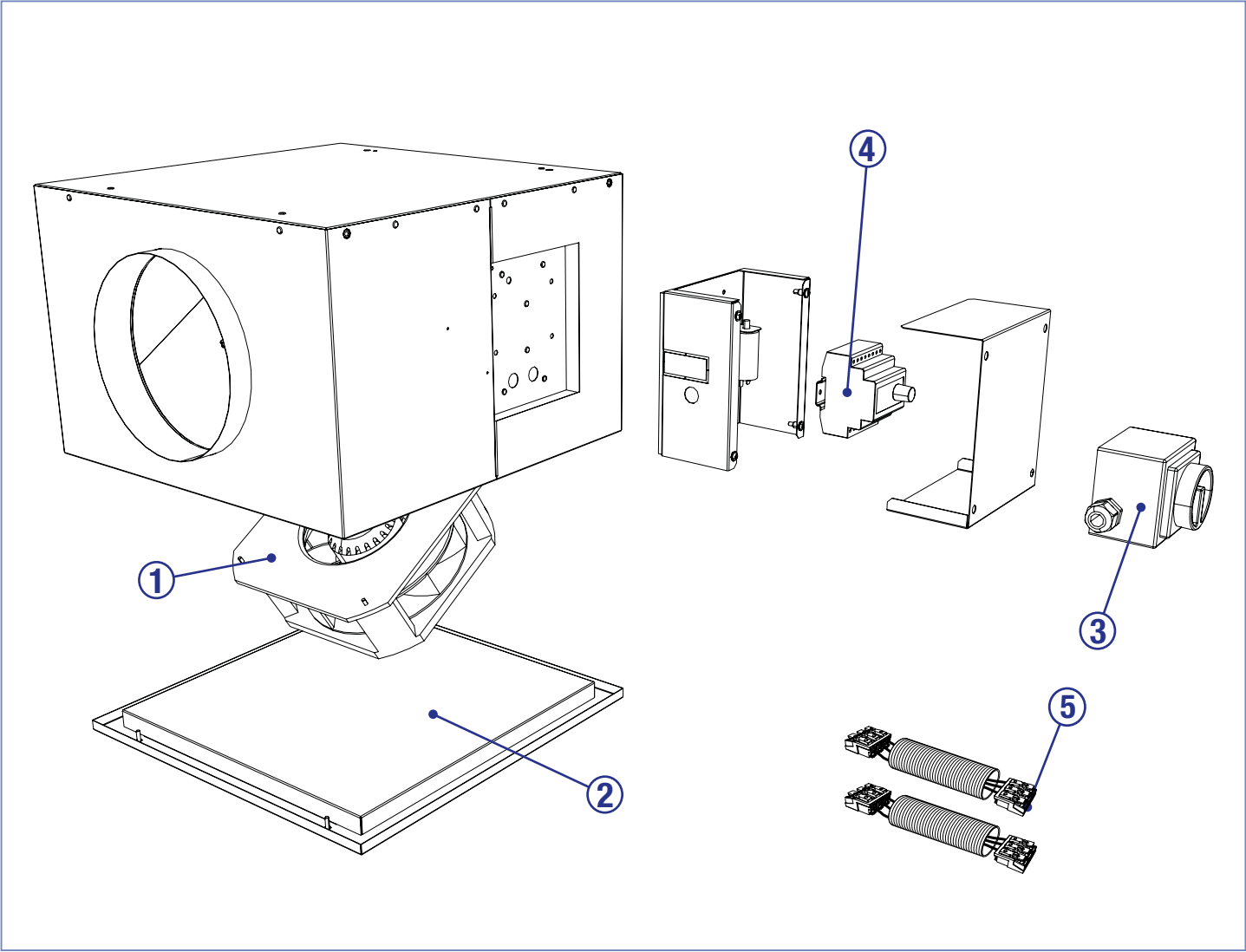
REPLACEMENT PARTS

EasyVEC® Compact

☆☆

STANDARD

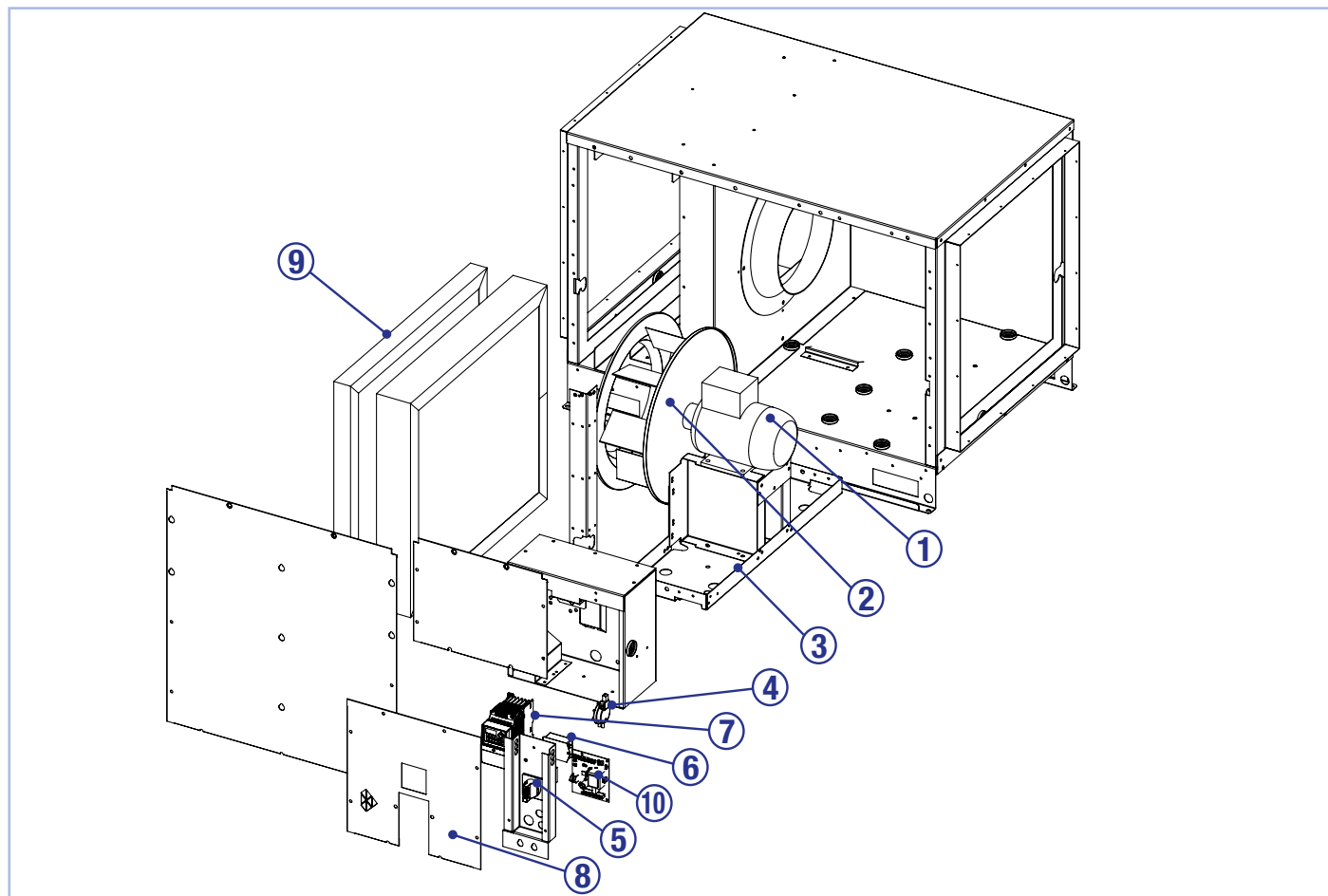
300 à 3,000 m³/h



No.	Part	300	600	1,000	2,000	3,000
1	Fan	11125812	11125811	11125810	11125775	11101440 11101712 (after 06.2023)
2	Cover including handle	11125654	11125653	11125652	11125651	-
3	Switch	11186222	11186222	11186222	11186222	11186222
4	Speed controller	11125889	11125889	11125889	11024468	11024468
5	Harness kit	11125807	11125807	11125807	11125726	-

REPLACEMENT PARTS

EasyVEC® Micro-Watt+ **MW+** / Micro-Watt **MW** 4,000 à 12,000 m³/h



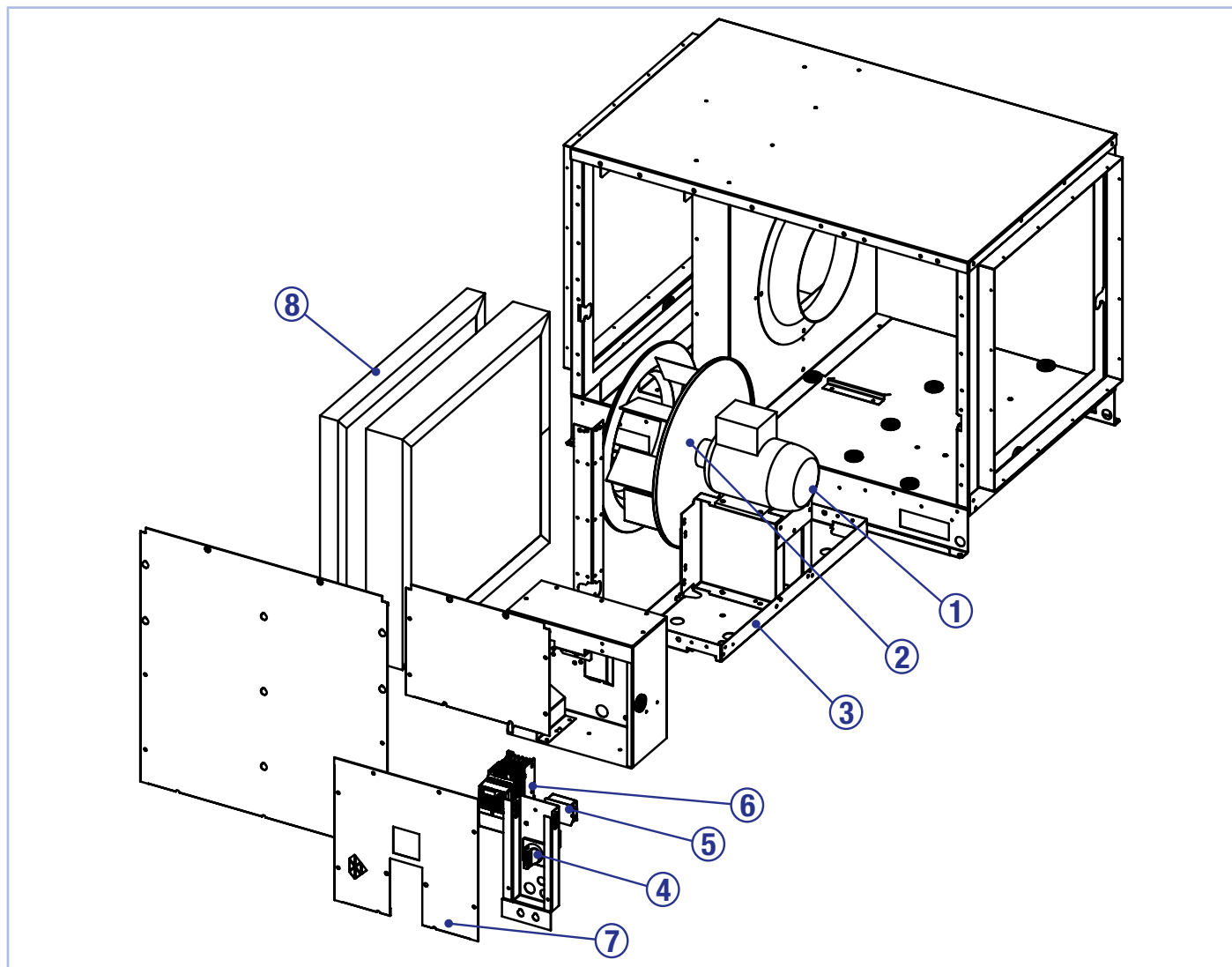
No.	Part	4,000	5000	6,500	8,000	10,000	12,000
1	Motor	11138984	11138983	11138982	11138981	11138980	11138798
2	Impeller	11100651	11100652	11138971	11138969	11138967	11138965
3	Motor bracket	11100637	11100638	11100638	11100638	11100642	11100642
4	Pressure sensor*	11125547	11125547	11125547	11125547	11138615	11138615
5	Switch	11125876	11125876	11125876	11125876	11125876	11125876
6	EMC filter	11124875	11124875	11124875	11124874	11124874	11138602
7	Speed controller	11100713	11100714	11100715	11100716	11100717	11100718
8	Access door	11100690	11100690	11100690	11100690	11100691	11100691
9	Filters	See Accessories pages					
10	Circuit board	11138757	11138757	11138757	11138757	11138757	11138757
**	Remote control	11125928	11125928	11125928	11125928	11125928	11125928
**	Harness kit	11100650	11100650	11100650	11100650	11100650	11100650
**	Motor harness	11138998	11138998	11138998	11138998	11138998	11138998

* Pressure sensor only available on micro-watt+ models

** Elements not represented on exploded view

REPLACEMENT PARTS

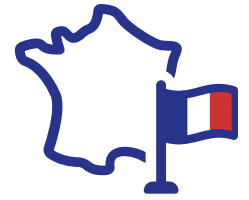
EasyVEC® Standard  4,000 à 12,000 m³/h



No.	Part	4,000	5,000	6,500	8,000	10,000	12,000
1	Motor	11100688	11100689	11039400	11056382	11039402	11039403
2	Impeller	11100651	11100652	11100653	11100660	11100654	11100655
3	Motor bracket	11100719	11100720	11100721	11100721	11100722	11100722
4	Switch	11125876	11125876	11125876	11125876	11125876	11125876
5	EMC filter	11124875	11124875	11124874	11124874	11124874	11138602
6	Speed controller	11100707	11100708	11100709	11100710	11100711	11100712
7	Access door	11100690	11100690	11100690	11100690	11100691	11100691
8	Filters	See Accessories pages					
*	Harness kit	11100649	11100649	11100649	11100649	11100649	11100686
*	Motor harness	11138998	11138998	11138998	11138998	11138998	11138998

* Elements not represented on exploded view

Aldes, a french family history and international presence



Aldes was founded in Lyon by Bernard Lacroix in 1925. It originally started out forming and manufacturing metal ventilation grilles.

At the heart of buildings, our solutions provide healthy indoor air. Ventilation, thermal comfort, fire protection... Aldes systems instill comfort and well-being.

Aldes designs and manufactures reliable, high-performance solutions. Through expert management of air flows, and a capacity for continuous innovation, Aldes solutions ensure the long-term health of buildings and their occupants.



Aldes experts devote their time and energy to serve those responsible for erecting sustainable buildings. In the heart of French regions, close to trade professionals, our production sites breathe fresh air into construction and refurbishment projects, ensuring quality and energy savings for the long term.



Family-owned, multi-brand group founded in 1925 in France. Developer and manufacturer of air quality and thermal comfort solutions at the heart of buildings.

aldes **EXHAUSTO** **AERECO** **ACTHYS** **RIBO** **ZLT**

393M€*

turnover in 2023
• 50% en France / 50% à l'international

* 2023 net pro forma turnover

1900

employees
workforce
by the end of 2023

60

countries
covered

5

areas
of expertise

Ventilation, Thermal comfort,
Fire protection, Purification,
Central vacuum cleaning

Main markets



Multi-family housing Single-family individual Offices Schools Hotels Health

12

production
sites

Present in

15

countries through
our 22 subsidiaries

8

logistic
hubs

8

R&D
centers

3

commercial
areas

Southern Europe (including France)
Northern Europe
Asia, Middle East and Americas

Logistic hubs Production sites R&D centers



aldes impact

Together, let's act with commitment and awareness

«Because all our daily actions have an **IMPACT** on our environment and our company, the Aldes group has developed its CSR strategy: **Aldes Impact**, based on **4 major COMMITMENTS**. Our aim is to take tangible **ACTIONS** for our employees, our customers, for our industry and society.»

Build a low-carbon value chain and share a sustainable vision with our partners.



**USE A SUSTAINABLE
OPERATING MODEL**

Raise the positive impact of our products and preserve the quality of indoor air.



**USE RESPONSIBLE
SOLUTIONS**

Help create values in our regions by forming strong bonds with local stakeholders.



**NOURISH OUR REGIONS
AND INDUSTRY**

Bring meaning and reinforce the collective, build paths to success and drive our performance.



**TAKE ACTION FOR
HUMANITY**

SOME ALDES INDICATORS

17 years

average lifetime of an
Aldes product

4,3 TCO₂

(GHG) avoided pre Aldes fan
unit installed⁽²⁾

24,7 MWh

saved per Aldes fan
unit installed⁽²⁾

TAKE ACTION AND MEASURE OUR IMPACT

Because taking action with responsible solutions also involves measuring the impact of our products. For over 50 years, we have combined energy efficiency and performance to ensure air quality inside buildings.

Because today, given the issues surrounding the climate and health, our solutions are all the more essential for occupant health, as we must minimise the environmental footprint of our products and innovate by proposing solutions that blend well-being, comfort and efficiency.

1

Develop eco-design

We are mobilised for a circular economy approach: Reduce / Reuse / Repair / Recycle.

- Performance indicator: number of products certified with an eco-label,
- 2030 target: 80% of products referenced with an eco-label.

2

Lead towards efficient and environmental use

We share the information and tools required to enable the most appropriate choices in terms of needs and uses, while minimising the impact on our planet.

- Performance indicator: percentage of solutions with eco-guides in software and manuals,
- 2030 target: 100% of motorised products with an eco-label (except fire products).

3

Build to last and ensure long-term performance, leverage our expertise and data services

We are committed to extending the lifetime of solutions and to maintaining them at a high level of operating performance..

- Performance indicator: service revenue,
- 2030 target: 20% of our revenue from services.

For further information
contact your Aldes sales advisor,
or visit our site at **aldes.fr/contact**

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since 1925

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Séparez les éléments avant de trier

EN-Aldes-EasyVEC-Tech-Corp-062024

RCS Lyon 956 506 828

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