

EDITION 2021/22

# RESIDENTIAL CATALOGUE



DOMESTIC HOT WATER - HRV AND CMEV VENTILATION -  
DUCTWORK - AIR INLETS - GRILLES AND TERMINALS -  
C4 FIRE-RATED BOX FANS CENTRAL- VACUUM CLEANING



# GLOSSARY

## Type of building



Individual housing



Collective housing



Commercial housing

## Energy classes



A++ to G

## Certifications



Compliant with EU regulations



Eurovent mark



German energy performance label



GS electrical safety (tested to TÜV)



Respects the recommendations for display of performance ratings defined by Uniclima



EAC certification



SAP-PCDB listed



Moroccan CMIM Marking

## Regulations



## BIM objects



## Selection/design aid software



Find out more p. 12

## Packaging column

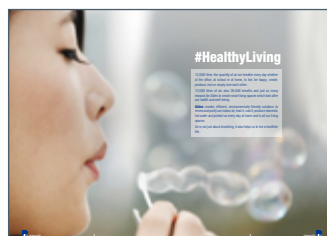
Optimum overpackaging.

Unless indicated otherwise, minimum selling quantity = 1.

## Stock

- Item code in **red**: product available rapidly  
Three day constant delivery time (with exceptions...).
- Item code in **black**: product made to order  
Variable delivery time confirmed when order is placed.

## DISCOVER ALDES



Aldes  
p. 5



Aldes Organisation  
p. 10

## THERMAL COMFORT

### Domestic hot water p. 26



T.Flow® Individual housing  
p. 26

New



T.Flow® Collective housing  
p. 28

New

## RESIDENTIAL VENTILATION

### Air purification and heat recovery ventilation p. 34



InspirAIR® Side  
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InspirAIR® TOP  
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New



Walter®  
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### Grilles and terminals p. 136



## CENTRALISED VACUUM CLEANING

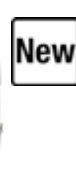
### Vacuum units p. 194



C.Axpir  
p. 194



C.Axpir Initia  
p. 195



C.Axpir Comfort  
p. 196



Accessoires  
C.Axpir p. 197

New

New

New

### Cleaning accessories p. 205



New





**Software**  
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**System solutions**  
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**Environment and  
commercial conditions**  
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**Contacts**  
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**Air purification and Centralised Mechanical Exhaust Ventilation p. 55**



**EasyHOME® PureAIR**  
p. 55



**EasyHOME® Hygro**  
p. 60



**EasyHOME® Auto**  
p. 70

**Plastic ductwork and accessories p. 86**



**Optiflex**  
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**Minigaine**  
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**Algaïne**  
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**Accessories**  
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**C4 fire-rated box fans p. 163**



**EasyVEC® C4**  
Very low consumption  
p. 164

**New**



**EasyVEC® C4**  
Low consumption  
p. 167

**New**



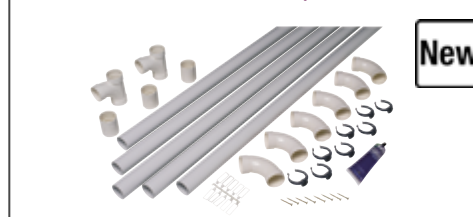
**EasyVEC® C4 Standard**  
p. 170

**Cleaning sets p. 200**



**New**

**Ducts and ductwork accessories p. 201**



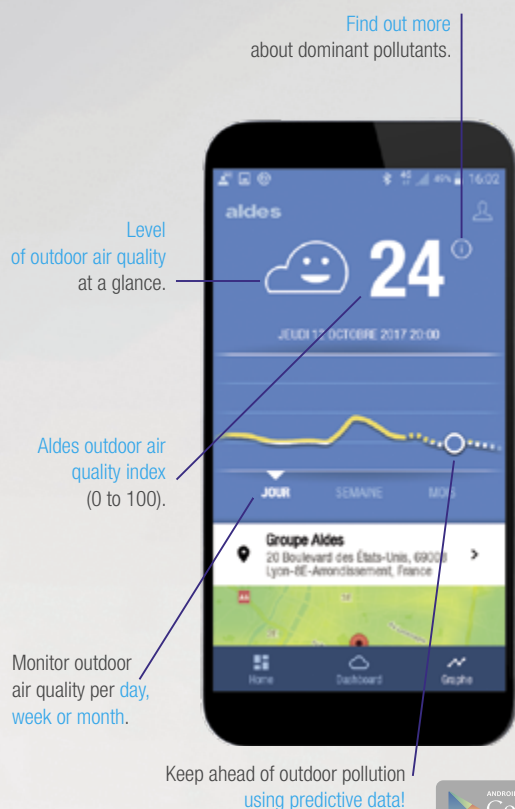
**New**

**Suction inlets p. 209**



# AldesConnect™

## CONSULT THE OUTDOOR AIR QUALITY IN REAL TIME, EVERYWHERE IN THE WORLD



### KEEP AHEAD OF OUTDOOR POLLUTION USING ALDES FORECASTS!

Discover also on [healthyliving-airquality.aldes.fr/en\\_export](https://healthyliving-airquality.aldes.fr/en_export)



## WITH AldesConnect™, YOU ALSO CONTROL YOUR:

### INDOOR AIR QUALITY



### THERMAL COMFORT



# NEW PRODUCTS



## Thermal Comfort

T.Flow® Hygro+ p. 8 Domestic hot water

- New R513a gaz



## Centralised Air Purification

InspirAIR® Top p. 15 : The connected heat recovery ventilation and air purification solution that filters efficiently the finest pollutants and adapts itself to your needs.

- The widest range of filters on the market: up to 80% of 1 micron particles stopped.
- Intuitive and automatic control via WALTER® or smartphone.
- 96% certified energy recovery benchmark on the market.
- A complete ALDES system offer to guarantee the overall performance of the installation and real support for professionals.



## Acoustic Air inlets

EHT² (humidity controlled) / EFT² (fixed) p.117 : Make wall leadthrough acoustic air inlet solution more aesthetic.

- Easy to instal.
- High acoustic performance.
- Invisible fixation screw.



## C4 fire-rated Box Fans

EasyVEC® C4 Ultimate, Utra & Pro p. 23 : The most well thought-out cmev on the market, making ventilation easy, efficient and more serene.

- Energy consumption reduced by 30%
- An easy and intuitive installation, connection and configuration.
- 100% of breakdowns detected thanks to remote monitoring and immediate alert with AldesConnect™ Pro.
- Personalized service for professionals for even more peace-of-mind and support.



Aldes  
Connect  
PRO



## Centralised Vacuum Cleaning

C. Axpир® Initia p. 76 : New compact unit without bag.

C. Axpир® Comfort p. 77 : New cleaning unit bagless with integrated inlet.

- Wireless start and stop.







# #HealthyLiving

12,000 litres: the quantity of air we breathe every day whether at the office, at school or at home, to live, be happy, create, produce, rest or simply love each other.

12,000 litres of air: also 26,000 breaths and just as many reasons for Aldes to create smart living spaces which look after our health and well-being.

**Aldes** creates efficient, environmentally-friendly solutions to renew and purify our indoor air, heat it, cool it, produce domestic hot water and protect us every day at home and in all our living spaces.

Air is not just about breathing, it also helps us to live a healthier life.

# ALDES GROUP

The French international family group Aldes has never stopped innovating to improve indoor air quality and thermal comfort in all its ninety years. Its Research and Development centres have been behind many innovations which nowadays contribute to the health and well-being of millions of people worldwide.

## In figures



FOUNDED IN  
**1925**



**16**  
SUBSIDIARIES



**1,500**  
EMPLOYEES



**5**  
R&D CENTRES



**10 MILLION**  
HOMES FITTED WITH  
ALDES EQUIPMENT



**200,000**  
MORE PEOPLE PROTECT THEIR HEALTH  
WITH ALDES PRODUCTS EVERY YEAR



**50 MILLION**  
PEOPLE WORLDWIDE BREATHE  
ALDES AIR



**100 MILLION**  
M<sup>3</sup> TREATED BY ALDES

## Our commitment

It is important to take care of each individual's health and therefore Aldes has created **#HealthyLiving**, the movement that embodies our commitment, our caring, our sense of responsibility and our pioneering spirit.



## Our activities

Multi-family or individual housing, offices, hotels, crèches, hospitals, homes for the elderly, etc. By controlling the air, Aldes undertakes to create smart living spaces which look after your health, well-being and safety.



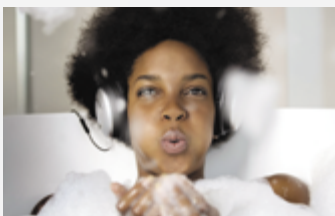
### VENTILATION

High-performing solutions to renew the indoor air and remove pollutants - CO<sub>2</sub>, VOC (adhesives, solvents, furniture, paints, etc.) and humidity - whilst adjusting the flow rates to save energy and reduce the heating bill.



### PURIFICATION

Innovative solutions to purify the air in all living spaces (schools, crèches, offices, hotels, apartments, houses, etc.). In addition to its ventilation function that renews the indoor air, purification solutions filter the incoming outdoor air for pollutants (pollens, fine particles PM2.5 and PM10, bacterial, gas, VOC, etc.). These solutions are also fitted with high-output heat exchangers which optimise thermal comfort by controlling temperatures better.



### THERMAL COMFORT

Aldes develops innovative solutions using the calories extracted from the air for both heating and cooling and for producing hot water. The Aldes solutions incorporate single- or multi-function renewable energy systems. They guarantee excellent living comfort whilst saving on energy.



### CENTRALISED VACUUM CLEANING

Centralised dust vacuum cleaning solutions suitable for new builds and refurbished housing. On a daily basis, the household is becoming simpler, more efficient and helps to maintain healthier air.



### FIRE PROTECTION

At the office, at home, at school, to live safely and prevent the potential risks of a fire, Aldes fire protection solutions - smoke and heat exhaust and compartmentation - create a breathable airlock, giving the occupants time to leave the buildings and the emergency services to intervene.



### DUCTWORK, AIRFLOW CONTROL AND AIR DIFFUSION

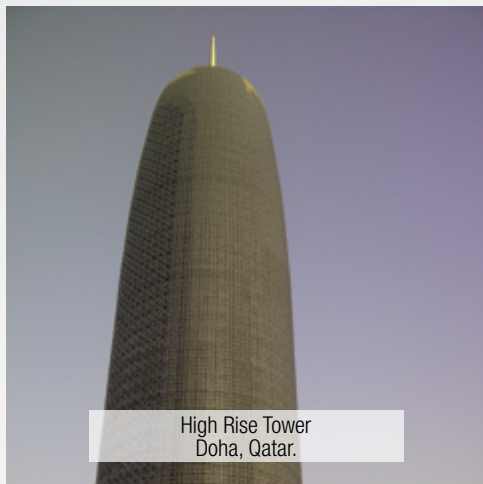
A complete range designed to optimise the overall efficiency of the installation and the comfort of occupants in non-residential buildings (small shops, offices, schools, crèches, hotels, hospitals, homes for the elderly, etc.).



### SERVICES

Aldes Technical Assistance (ATA), Aldes Training Centres and Aldes software and applications are used to design and construct with everyone in the construction trade services for today and tomorrow.

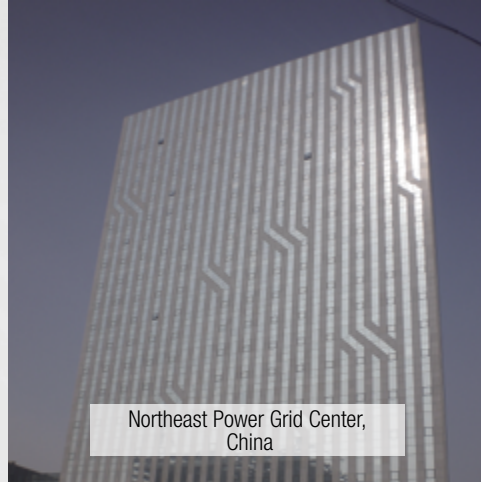
# PRESTIGIOUS REFERENCES







Tour Paris la Défense  
Paris, France.



Northeast Power Grid Center,  
China



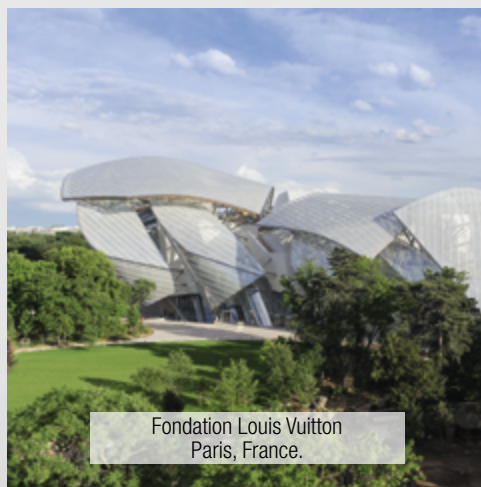
Futuroscope  
Poitiers, France



Tour Oxygène  
Lyon, France



Golden Hotel  
Kuala Lumpur, Malaysia



Fondation Louis Vuitton  
Paris, France.



# ALDES A STRONG AND INTERNATIONAL BRAND



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[www.aldesbenelux.com](http://www.aldesbenelux.com)

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[www.aldes.it](http://www.aldes.it)

### SPAIN

#### ALDES VENTICONTROL

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28911 Leganés, Madrid

Tél. +33.4.28.00.10.80

[www.aldes.es](http://www.aldes.es)

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#### EXHAUSTO BY ALDES GMBH

Mainzer Str. 43 DE-55411 Bingen am Rhein

Tél. +49 6721 9178-111

[www.exhausto.de](http://www.exhausto.de)

### DENMARK

#### EXHAUSTO A/S

Odensevej 76 DK-5550 Langeskov

Tél. +45 6566 1110

[www.exhausto.dk](http://www.exhausto.dk)

### SWEDEN

#### EXHAUSTO AB

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[www.exhausto.se](http://www.exhausto.se)

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69800 Saint Priest - FRANCE

Tél. +33 4 28 00 10 99

[www.aldes-international.com/en](http://www.aldes-international.com/en)

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#### ALDES MAURITIUS

Montebello Les pailles

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[www.aldes.re](http://www.aldes.re)





# BE MORE EFFICIENT WITH ALDES SOFTWARE

With solutions that have been developed specifically for each player in the building industry, Aldes offers tools that help you to be more efficient in controlling aeratic ductwork systems.

## Design and dimensioning software (Conceptor)



### Conceptor Ventilation

Design software platform for ventilation projects

- Individual housing module.
- Collective housing module.
- Commercial module.



### Conceptor Smoke and heat exhaust (French only)

Design aid software for mechanical smoke and heat exhaust systems in buildings

- Optimises smoke and heat exhaust installation.
- Prints out assembly data sheets.
- Optimises smoke and heat exhaust ductwork
- Selects fan F400-120
- Selects flap with assembly data sheet.



### Conceptor T.One®

Heating studies design software. Conceptor T.One® is a professional software program that can help to dimension the T.One® system and its diffusion plenum.

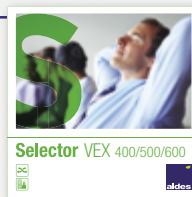
## Selection software (Selector)



### PoWair Selector

Selection aid software for unidirectional fans

- Tool for calculating fan energy consumption.
- Access to whole RT 2012 library.



### VEX 400, 500, 600 Selector

Selection, configuration and performance calculation aid software for VEX 400, 500 and 600 air handling units.



### Koanda 3D Selector

Air diffusion project management software.

- A new, powerful algorithm, an intuitive interface and high-performing 3D display of air streams in the room.



### DFE/DFE+ Selector

Configuration aid software for DFE range air handling units

- Simulates thermal outputs.
- Access to all technical data.

## EXSELECT

Configuration and performance calculation aid software for VEX 200, 300C and CX 300C air handling units.

## Digital tools available on:



### EasyQuote

The quick costing application to produce your quotations for individual housing in three clicks!



### ColorLINE®

Simple and educational, the application displays the incorporation of a ColorLINE® grille into your interior decoration.



### AldesConnect™

With AldesConnect™, use your smartphone to control the air quality and thermal comfort of your home from anywhere, at any time.

Download the Aldes software programs directly at: <https://services.aldes.com>





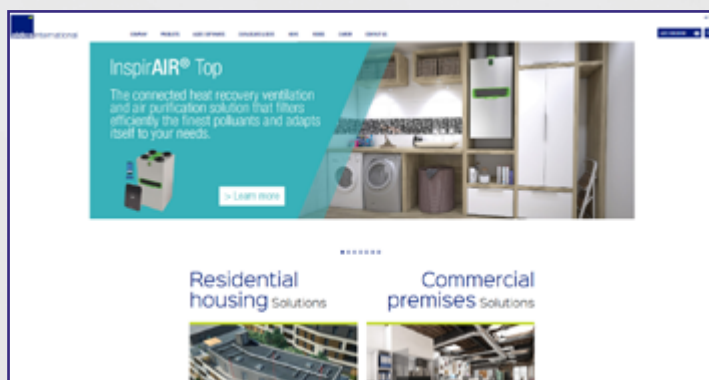
## Aldes CAD Library

Direct access free of charge (no user account needed) to smart 3D objects in Revit™ format, as well as DWG 3D and DXF 2D formats for Aldes products. Its full-featured, powerful search engine enables you to download all or part of the Aldes range for integration in your BIM projects.

Download it at [cad.aldes.com](http://cad.aldes.com)

You can find on our site

WEBSITE  
[www.aldes-international.com](http://www.aldes-international.com)



- Aldes information.
- Information on product solutions.
- Documentation, instructions, catalogues, etc.
- Information about regulations.

- Aldes contacts.
- Product videos.
- News.

## YouTube channel

Find all our videos on the Aldes International YouTube channel: product videos, software videos, installation and maintenance tutorials, information on air quality or the regulations.



["Youtube.com/c/AldesInternationalEN"](https://www.youtube.com/c/AldesInternationalEN)



## Social networks

Follow us also on the **Twitter and LinkedIn** social networks, get the latest Aldes news and interact with us.

**"AldesOfficiel"**  
[twitter.com/AldesOfficiel](https://twitter.com/AldesOfficiel)



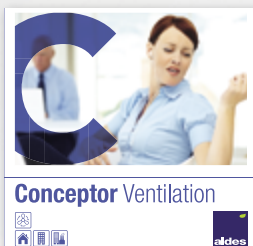
**"Aldes"**  
[www.linkedin.com/company/aldes](https://www.linkedin.com/company/aldes)



# BE MORE EFFICIENT WITH ALDES SOFTWARE



## Conceptor Ventilation



### The Aldes 3-in-1 software solution for all your ventilation projects

Conceptor Ventilation has become the go-to tool for building professionals. Freely design and dimension air ductwork systems with guided assistance at each step of your project.



**Individual housing** module



**Collective housing** module



**NEW  
Commercial** module

### PROFESSIONAL

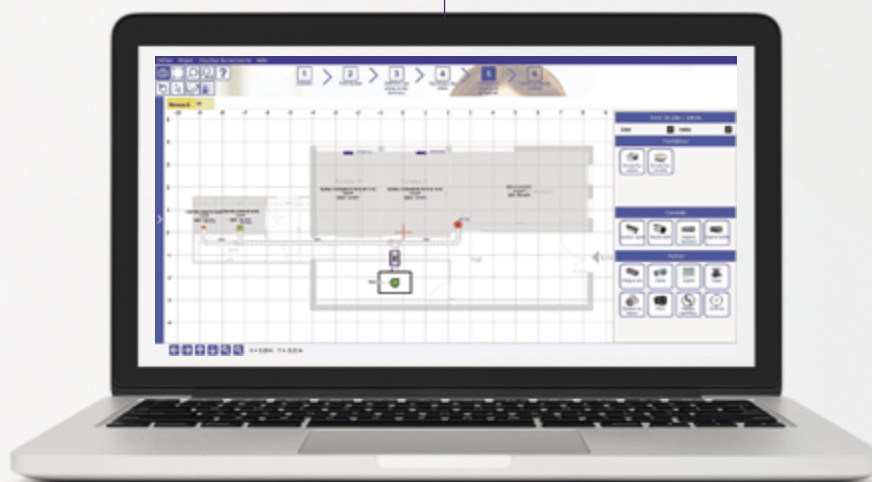
Dimension complex ductwork systems for small and medium commercial applications.

### TIME SAVINGS

Produce full studies, in next to no time, using an intuitive and user-friendly interface designed to meet your needs.

### RELIABLE RESULTS

Software data are continuously updated and tested by our staff.



### SIMPLICITY

Discover multiple functions with the assistant present at each step of the project.

### OPTIMISATION

The solution automatically selects the most appropriate products for your design.

### CUSTOMER SATISFACTION

In record time, generate a full report for your customers, containing the key data for the ventilation system.

# ALDES TRAINING

## TRAINING TO REMAIN EFFICIENT

### One team

of specialised instructors

### 1,200 trainees

attending every year

### 10 Aldes branches

### 30 training programmes



### 1,500 m<sup>2</sup>

of space dedicated to training

### 1 centre

### 4 training locations

### 600 m<sup>2</sup>

of practical workshops

### 200 trainees instructed in virtual classes

NEW



#### An innovation with many advantages!

Distance learning courses - organised as virtual classes - lasting no more than two hours prevent staff from having to move as the training can be accessed from each work station via the Internet and a telephone.

#### Saving time and money:

training possible from the workplace to reduce costs.

**Focus:** especially suitable for a selective, targeted need.



**Interactivity:** discussion with the attendee is made easier.

**User-friendly:** quizzes or surveys during the training.



Aldes Training obtained ISO 9001 certification.



Aldes Training obtained CERTIBAT certification.

View the Aldes training brochure and schedule at **[www.services.aldes.com](http://www.services.aldes.com)** heading "Aldes training courses".



Contact us by e-mail: [aldes.formation@aldes.com](mailto:aldes.formation@aldes.com), by telephone: 04 42 32 77 66





# COLLECTIVE HOUSING VENTILATION + DOMESTIC HOT WATER SOLUTION



**EasyVEC® C4  
Ultimate**

- 50% thermal improvement\*
- Extent of the range
- Easy to select, install and maintain

\* Performance improvement noted between EasyVEC® C4 micro-watt 10,000 and a standard motor-driven box fan (120 Pa).



**T.Flow® Hygro+**

- Domestic hot water
- Comfort and discretion
- Control and savings



**Humidity-controlled  
air inlets**



**Bahia Curve**



**Ducts and accessories**



## COLLECTIVE HOUSING AIR PURIFICATION SOLUTION



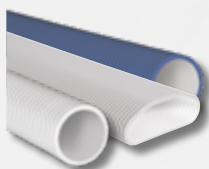
### Air purifying by an individual installation (apartment by apartment)

A centralised air purification system for houses and apartments, InspirAIR® helps to free the incoming air from fine particles, pollutants and allergens and renew indoor air so that everyone can benefit from healthy air.

1 2 3 4 5 6 7



**1 InspirAIR® Side**  
Connected centralised  
air purification



**2 Optiflex**  
Plastic ductwork



**3 InspirAIR® TOP**  
Connected centralised  
air purification



**4 Bahia Curve**  
Humidity-  
controlled  
terminal



**5 ColorLINE®**  
Fresh air  
supply



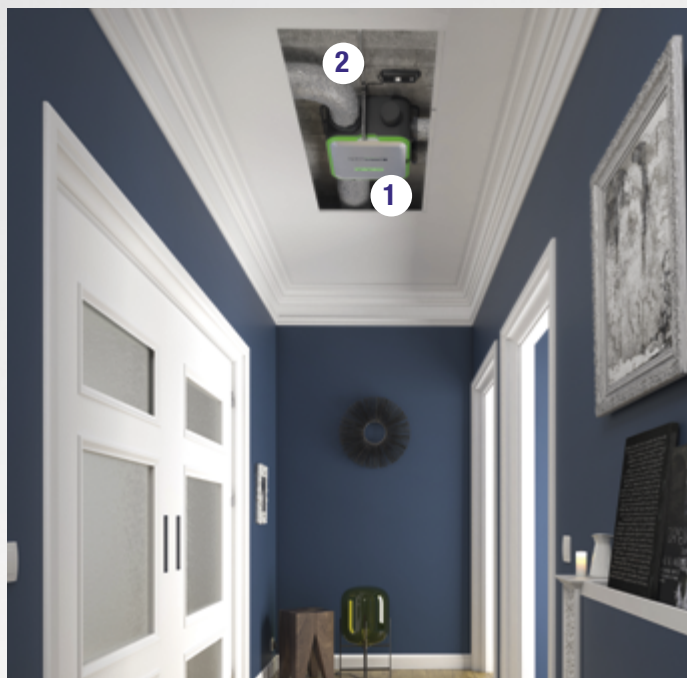
**6 Bap'si**  
Self-balanced  
terminal



**7 Aldes exclusive  
filtration**



## INDIVIDUAL HOUSING AIR PURIFICATION + CENTRALISED VACUUM CLEANING SOLUTION



### Ventilate and purify

Breathing healthy air at home with constantly-controlled air quality is now possible with EasyHome® Pure Air.

A CMEV solution that is extremely quick to install and uncompromising reliability.

1 2 5 7



### Breathing healthier air

You can help to limit allergies and discomfort by using centralised vacuum cleaning: the warm suction air, containing dust and allergen particles, that can sometimes create unpleasant smells, is discharged outside the living rooms.

3 4 6 8



**1 EasyHOME®  
PureAIR Connect**  
Air purification  
and CMEV  
ventilation



**2 Insulated  
Algaie duct**



**3 C.Axpir Digital**  
Centralised vacuum  
cleaning unit



**5 ColorLINE®**  
Fresh air supply



**4 Céliane cover  
plate**



**6 Cleaning kit**



**7 AirFILTER®**  
Filtered air inlet



**8 T series ductwork kit**





# INDIVIDUAL HOUSING HEATING + COOLING + DOMESTIC HOT WATER + VENTILATION SOLUTION



## Heat, cool, produce domestic hot water and ventilate

The connected multi-function solution for air heating, cooling and the production of hot water.

T.One® AquaAIR can achieve a comfortable heating or cooling temperature in just a few minutes and easily covers the entire family's requirement for hot water.

1 2 3 4 5 6 7 8



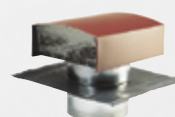
**1 T.One® AquaAIR**  
Air/air triple  
service heat pump  
*contact us for  
this product*



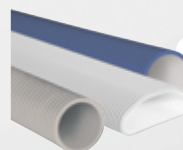
**8 EasyHOME® Hygro**  
Humidity-controlled  
ventilation



**2 Sleeve**  
*contact us for  
this product*



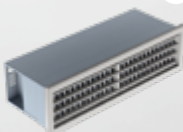
**7 Roof  
outlet**



**6 Optiflex**  
Antibacterial  
ductwork



**5 Bahia Curve**  
Humidity-controlled  
air exhaust



**3 Diffusion  
grille**  
*contact us for  
this product*

**4 Thermostat**  
*contact us for  
this product*





## THERMAL COMFORT

Range presentation . . . . .	p. 22
Domestic hot water . . . . .	p. 26

## T.FLOW® HYGRO+

The connected solution to reduce your energy bill and improve your comfort, whatever the type of dwelling.

- **Up to 75%** energy savings.
- **Continuous hot water production:** up to six people.
- **Monitoring and operation** in real time on smartphone with AldesConnect TM (iOS and Android).
- **Continuous** air renewal.
- **Discreet:** very silent <28 dB(A) and super thin.

➔ Page 40



**Aldes**  
Connect

## DOMESTIC HOT WATER

### CMEV thermodynamic water heater



#### Individual housing

T.Flow® Hygro+  
p. 26

T.Flow® Nano  
p. 27



#### Multi-family housing

T.Flow® Hygro+  
p. 28

T.Flow® Nano  
p. 29



# T.Flow® Hygro+ / T.Flow® Nano

## THE CONNECTED SOLUTION TO REDUCE YOUR ENERGY BILL AND IMPROVE YOUR COMFORT, WHATEVER THE TYPE OF DWELLING.

### More savings

Produce up to 75% of your hot water free of charge with the most efficient solution in its category\*.

### More comfort

T.Flow® Hygro+ Connected easily covers the needs for the supply of domestic hot water, for a family of between 2 and 6 people.  
T.Flow® Nano: for 1 to 3 occupants.

### More control

AldesConnect™ can be used to monitor and manage your domestic hot water production in real time, directly from a smartphone.

### More air quality

The ventilation function means the indoor air is constantly renewed, providing a healthier environment.

### More discretion

The quietest\*\* and slimmest connected solution, designed to be built into a standard cupboard or laundry room.

\* Amongst the products in its class - November 2017. COP: 4.18 at 20° at 195 m³/h with L withdrawal cycle as per EN 16147 for T.Flow® Hygro+ collective dwelling solution. COP: 2.67 at 20° at 127 m³/h with S withdrawal cycle as per EN 16147 for T.Flow® Nano collective dwelling solution.

\*\* Collective dwelling version: less than 21 dB(A). - max. value at 150 m³/h, Lp at 2 m in free air.

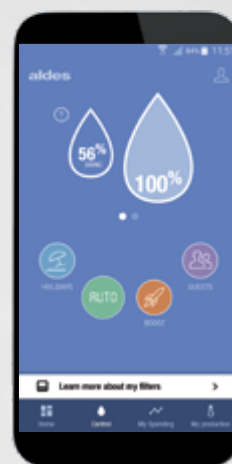
## T.Flow® Hygro+

200 L, 2-bed and larger

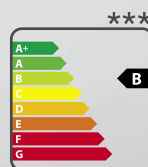
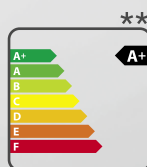


## T.Flow® Nano

100 L, studio and 1-bed



**Aldes**  
Connect



\* In compliance with eco design regulation 814/2013 and energy labelling regulation 812/2014 for sanitary hot water.  
In compliance with eco design regulation 1253/2014 and energy labelling regulation 1254/2014 for ventilation.

\*\* Sanitary hot water.

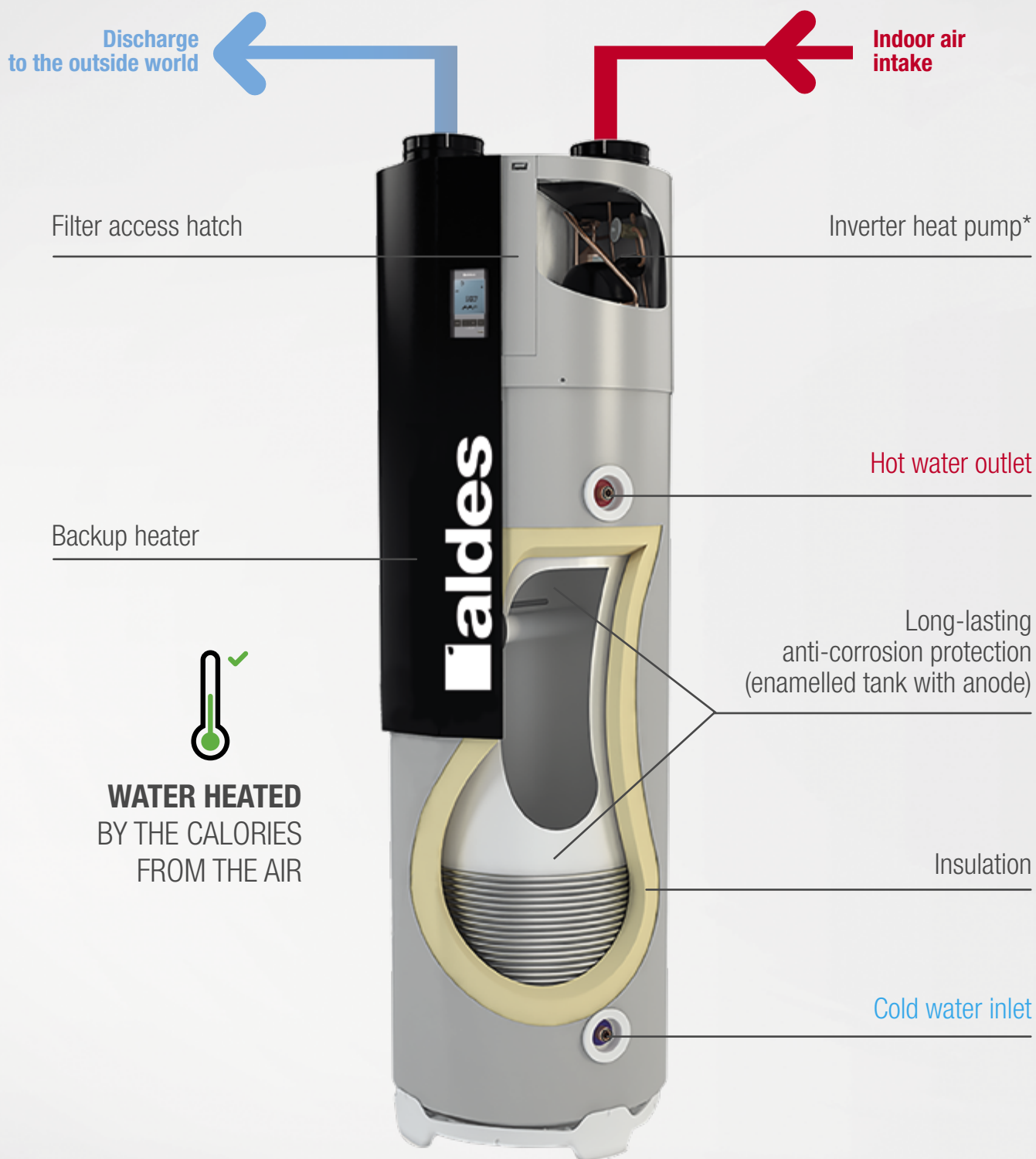
\*\*\* Ventilation.



# T.Flow® Hygro+ / T.Flow® Nano

## OPERATION

Air contains calories, these are recovered, thanks to ventilation, to heat water.



\* This product contains fluorinated greenhouse gas: gas in a hermetically sealed equipment.

Gas : R513a (GWP = 1430)

Initial charge contained in the product :

- T.Flow® Hygro+ : 850g i.e. 1.22 tCO<sub>2</sub>e.

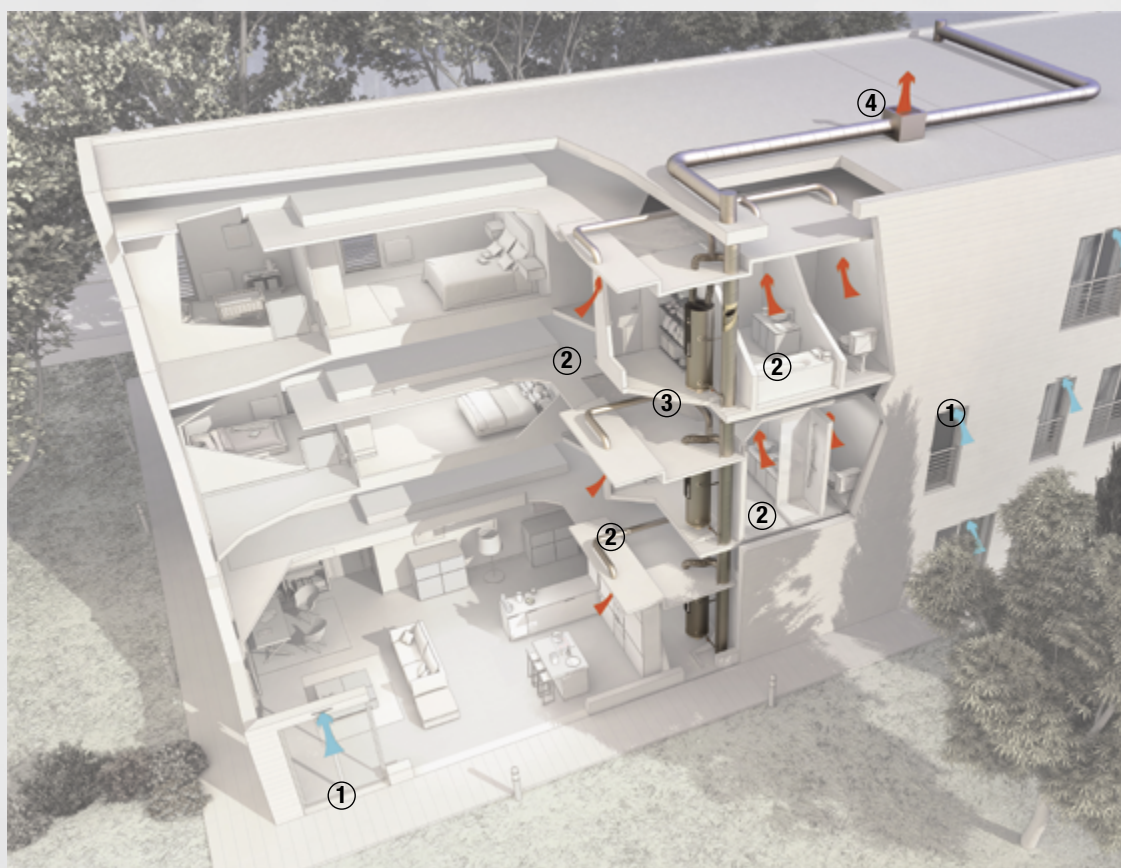
- T.Flow® Nano : 580g i.e. 0.83 tCO<sub>2</sub>e.



Residential Catalogue 2021/22

Identical T.Flow® Nano version

- ① Fresh air blown into home.
- ② The indoor air (charged with calories) is aspirated by the ventilation system for renewal.
- ③ The heat recovered from this indoor air is used by the T.Flow solution to heat your hot water.
- ④ Once relieved of its excess calories, the exhaust air is discharged outside of the home.



**NB. The extraction of air in the housing is realized in the humid rooms: sanitary, bathroom and kitchen.**

# Domestic hot water

## CMEV thermodynamic water heater

### T.Flow® Hygro+ Individual housing



#### RANGE

Designation	Reference	Discount family	Energy class DHW	Ventilation energy class - Average climate
<b>Connected</b>				
T.Flow® Hygro+ B200-FAN	11023384	20	A+	B
<b>Not connected</b>				
T.Flow® Hygro+ B200-FAN	11023198	20	A+	B

#### OPERATING PRINCIPLE

T.Flow® Hygro+ is a solution combining the production of domestic hot water with the quality of the household air supply. It uses the heat energy from the air inside the dwelling to heat the water: up to 600 litres of hot water daily, enough for a family of 2 to 6 people.

#### DESCRIPTION

- Enameled 200-litre tank with 55 mm insulation and painted metal jacket.
- Tank protected by titanium anode and magnesium starter anode.
- 1500 W emergency and top-up stearite heating element.
- 800 W heat pump on extract air with inverter compressor and G4 protective filter.
- Digital display for installation use and settings.
- Four operating modes: auto, boost, comfort/guests and holidays.
- AldesConnect™ Box modem with USB connector (connected version) for operation via the AldesConnect™ application.
- Empty weight: 79 kg.
- Operation compatible with peak/off-peak services.
- This product contains a fluorinated greenhouse gas which is contained within a hermetically-sealed unit.
- Gas: 513a (PRG = 631).
- Initial load contained in the product: 650 g, i.e. 0.41 tonnes CO<sub>2</sub>eq.
- Warranty: Heat pump 2 years and Tank 5 years.

#### FIELD OF APPLICATION

- New and major renovation.
- Daily hot water requirements: 2 to 6 occupants.
- Compatible with the T.One® air/air heat pump.

#### INSTALLATION

- Installation in heated space for optimum performances.
- Built into a 600 mm-deep cupboard.
- Handling with straps provided fixed to the back of the tank.
- Hydraulic and electrical connections on front side.
- Air duct connection on top with humidity-controlled or self-balanced terminals in equipment rooms depending on ventilation system.
- Humidity-controlled or self-balanced air inlets depending on ventilation system.
- Connection of the AldesConnect™ Box modem to the USB port.

#### ACCESSORIES

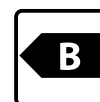
Designation	Reference	Discount family
<b>Building airtightness</b>		
Ceiling penetration manifold	11023286	20
<b>Filter</b>		
Spare filter G4	35112055	20
<b>Connected object</b>		
Aldes Connect Box	11023386	27



(1) Compliant with eco-design regulation 814/2013 and energy label 612/2014 for the DHW - Compliant with eco-design regulation 1253/2014 and energy label 1254/2014 for the ventilation.  
Energy class scale: see ErP Regulations page.  
(2) Not delivered with the water heater.  
(3) At 100 m³/h



Domestic hot water



Ventilation

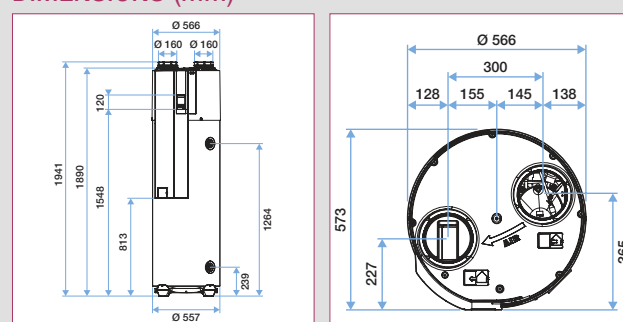
#### PRODUCT ADVANTAGES

- Up to 75% energy savings.
- Continuous hot water production: up to six people.
- Monitoring and operation in real time on smartphone with AldesConnect™ (iOS and Android).
- Continuous air renewal.
- Discreet: very silent <28 dB(A) and super thin.

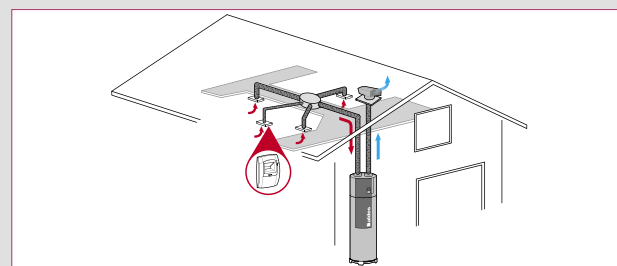
#### COMPLIANCE

- NF Electricity Performance certified.
- Certified "Construction Quality" for humidity-controlled ventilation - 70/02\_CHY5\_2266 - [www.eurovent-certification.com](http://www.eurovent-certification.com)
- Humidity-controlled: CSTB Technical Report no. 14.5/17-2266.
- CEE-eligible: BAR-TH-148.
- ErP<sup>(1)</sup>.

#### DIMENSIONS (mm)



#### THE T.FLOW® HYGRO+ IN INDIVIDUAL HOUSING



System	Function		Production of hot water	Tank and principal components
	Humidity-controlled	Self-balanced		
T.Flow® Hygro+ Humidity-controlled	•		•	- B200-FAN T.Flow® Hygro+ - BAHIA <sup>(2)</sup> humidity-controlled exhaust terminals - Humidity-controlled air inlets <sup>(2)</sup> - Micro-watt exhaust fan
T.Flow® Humidity-controlled + Automatic		•	•	- B200-FAN T.Flow® Hygro+ - Bap'SI <sup>(2)</sup> self-balanced exhaust terminals - Self-balanced air inlets <sup>(2)</sup> - Micro-watt exhaust fan

#### TECHNICAL DETAILS

\* Maximum value at 160 m³/h, water heater

\*\*From T2 to T7 in Hygro B

	B200-FAN T.Flow® Hygro+
COP (at 20°C as per EN 16147)	2.99 to 3.72
Acoustic pressure level	< 28 dB(A)*
Airflow range	49.1 to 222.8 m³/h
Vmax	286 L (3)
Fan consumption	From 17.8 to 26.8 W-Th-C
Fluid	R513a
Power supply	230 V
Drawing-off cycle	L

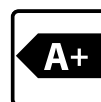


# Domestic hot water

## CMEV thermodynamic water heater



## T.Flow® Nano individual housing



Domestic hot water

Ventilation



### RANGE

Designation	Reference	Discount family	Energy class DHW	Ventilation energy class - Average climate
<b>Connected</b>				
B100-Fan_T.Flow® Nano	11023396	20	A+	B
<b>Not connected</b>				
B100-Fan_T.Flow® Nano	11023394	20	A+	B

### OPERATING PRINCIPLE

T.Flow® Nano is a solution combining the production of domestic hot water with the quality of the air supply in the dwelling. It uses the heat energy from the air inside the dwelling to heat the water: up to 320 litres of hot water daily, enough for a family of up to three people.

### DESCRIPTION

- Enameled 100-litre tank with 55 mm insulation and painted metal jacket.
- Tank protected by titanium anode and magnesium starter anode.
- 1500 W emergency and top-up heat element.
- 800 W heat pump on extract air with inverter compressor and G4 protective filter.
- Digital display for installation use and settings.
- Four operating modes: auto, boost, comfort/guests and holidays.
- AldesConnect™ Box modem with USB connector (connected version) for operation via the AldesConnect™ application.
- Empty weight: 71 kg.
- Operation compatible with peak/off-peak services.
- This product contains a fluorinated greenhouse gas which is contained within a hermetically-sealed unit.
- Gas: R513a (PRG = 631).
- Initial load contained in the product: 580g, i.e. 0.37 tonnes CO<sub>2</sub>eq.
- Warranty: Heat pump 2 years and Tank 5 years.

### FIELD OF APPLICATION

- New and major renovation.
- Daily hot water requirement: up to three people.
- Compatible with the T.One air/air heat pump.

### INSTALLATION

- Installation in heated space for optimum performances.
- Built into a 600 mm-deep cupboard: wall-mounted or on tripod.
- Hydraulic and electrical connections on front side.
- Air duct connection on top with humidity-controlled or self-balanced terminals in equipment rooms depending on ventilation system.
- Humidity-controlled or self-balanced air inlets depending on ventilation system.
- Connection of the AldesConnect™ Box modem to the USB port.

### ACCESSORIES

Designation	Reference	Discount family
Tripod	11023309	20
<b>Building airtightness</b>		
Ceiling penetration manifold	11023286	20
<b>Filter</b>		
Spare filter G4	35112055	20
<b>Connected object</b>		
Aldes Connect Box	11023386	27

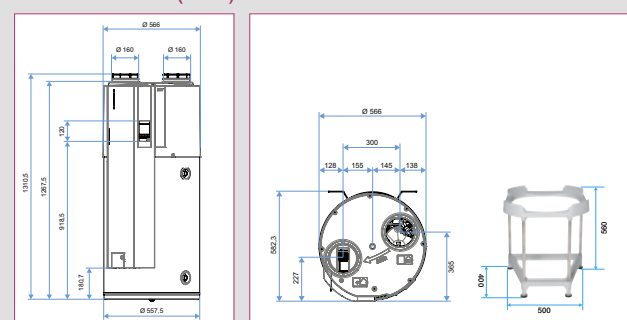
### PRODUCT ADVANTAGES

- Up to 70% energy savings.
- Continuous production of hot water: up to three people.
- Monitoring and operation in real time on smartphone with AldesConnect™ (iOS and Android).
- Continuous air renewal.
- Discreet: very silent <28 dB(A) and super thin.

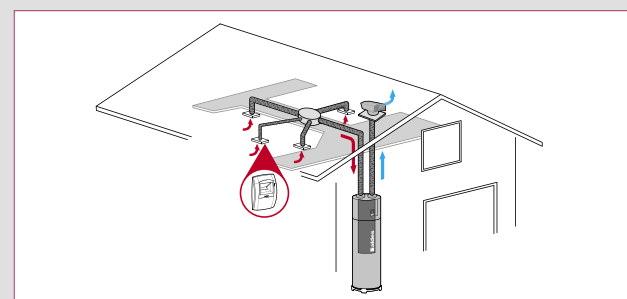
### COMPLIANCE

- NF Electricity Performance certified.
- Certified "Construction Quality" for humidity-controlled ventilation - 70/02\_CHY5\_2266 - www.eurovent-certification.com
- Humidity-controlled: CSTB Technical Report no. 14.5/17-2266.
- CEE-eligible: BAR-TH-148.
- ErP<sup>1)</sup>.

### DIMENSIONS (mm)



### THE T.FLOW® NANO IN INDIVIDUAL HOUSING



System	Function		Production of hot water	Tank and principal components
	Humidity-controlled	Self-balanced		
T.Flow® Nano Humidity-controlled	•		•	- B100-Fan T.Flow® Nano - BAHIA® humidity-controlled exhaust terminals - Humidity-controlled air inlets <sup>(2)</sup> - Micro-watt exhaust fan
T.Flow® Nano Automatic		•	•	- B100-Fan T.Flow® Nano - Bap'SI® self-balanced exhaust terminals - Self-balanced air inlets <sup>(2)</sup> - Micro-watt exhaust fan

### TECHNICAL DETAILS

\* Maximum value at 160 m³/h, water heater

\*\* From T1 to T3 in Hygro B

	T.Flow® Nano individual housing
COP at 20°C (as per EN 16147)	2.86 to 3.56
Acoustic pressure level	< 28 dB(A)*
Airflow range	27.8 to 137.5 m³/h
Vmax	150 L (3)
Fan consumption	From 14.4 to 18 W-Th-C
Fluid	R513a
Power supply	230 V
Drawing-off cycle	S

(1) Compliant with eco-design regulation 814/2013 and energy label 812/2014 for the DHW and Compliant with eco-design regulation 1253/2014 and energy label 1254/2014 for the ventilation.  
Energy class scale: see ErP Regulations page.  
(2) Not delivered with the water heater.  
(3) At 27.8 m³/h.

# Domestic hot water

## CMEV thermodynamic water heater



## T.Flow® Hygro+ Multi-family housing



Domestic hot water



### RANGE

Designation	Reference	Discount family	Energy class DHW
<b>Connected</b>			
B200 T.FLOW® HYGRO+	11023385	20	A+
<b>Not connected</b>			
B200 T.FLOW® HYGRO+	11023199	20	A+

### OPERATING PRINCIPLE

T.Flow® Hygro+ is a solution combining the production of domestic hot water with the quality of the household air supply. It uses the heat energy from the air inside the dwelling to heat the water: up to 600 litres of hot water daily, enough for a family of 2 to 6 people.

### DESCRIPTION

- EDesignation 200-litre tank with 55 mm insulation and painted metal jacket.
- Tank protected by titanium anode and magnesium starter anode.
- 1500 W emergency and top-up electric heating element.
- 800 W heat pump on extract air with inverter compressor and G4 protective filter.
- Digital display for installation use and settings.
- Four operating modes: auto, boost, comfort/guests and holidays.
- AldesConnect™ Box modem with USB connector (connected version) for operation via the AldesConnect™ application.
- Empty weight: 77 kg.
- Operation compatible with peak/off-peak services.
- This product contains a fluorinated greenhouse gas which is contained within a hermetically-sealed unit.
- Gas: R513a (PRG = 631).
- Initial load contained in the product: 650 g, i.e. 0.41 tonnes CO<sub>2</sub>eq.
- Fan on housing roof: EasyVec unit.
- Warranty: Heat pump 2 years and Tank 5 years.

### FIELD OF APPLICATION

- New and major renovation.
- Daily hot water requirements: 2 to 6 occupants.
- Compatible with the T.One® air/air heat pump.

### INSTALLATION

- Installation in heated space for optimum performances.
- Built into a 600 mm-deep cupboard.
- Handling with straps provided fixed to the back of the tank.
- Hydraulic and electrical connections on front side.
- Air duct connection on top with humidity-controlled or self-balanced terminals in equipment rooms depending on ventilation system.
- Humidity-controlled or self-balanced air inlets depending on ventilation system.
- Connection of the AldesConnect™ Box modem to the USB port.

### ACCESSORIES

Designation	Reference	Discount family
<b>Building airtightness</b>		
Ceiling penetration manifold	11023286	20
<b>Filter</b>		
Spare filter G4	35112055	20
<b>Connected object</b>		
Aldes Connect Box	11023386	27

(1) Complies with eco-design regulation 814/2013 and energy labelling regulation 812/2014 for DHW.  
Energy class scale: see ErP Regulations page.  
(2) Not delivered with the water heater.  
(3) At 100 m³/h.



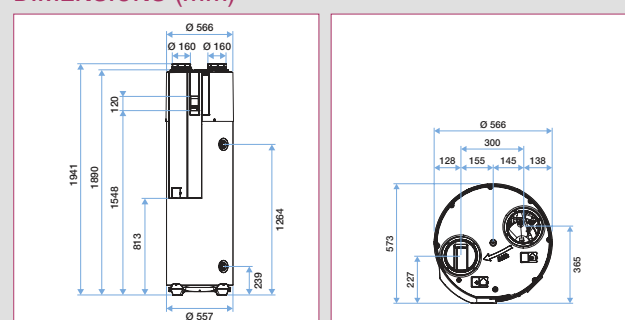
### PRODUCT ADVANTAGES

- Up to 75% energy savings.
- Continuous production of hot water: up to six people.
- Monitoring and operation in real time on smartphone with AldesConnect™ (iOS and Android).
- Continuous air renewal.
- Discreet: very silent < 16dB(A) and super thin.

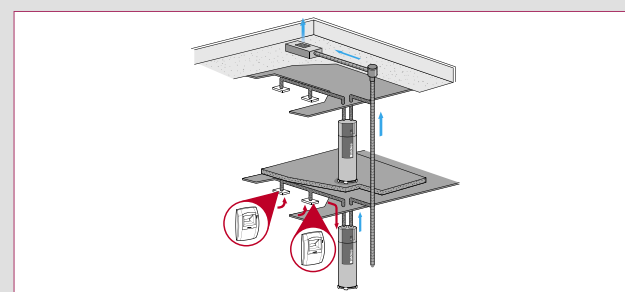
### COMPLIANCE

- NF Electricity Performance certified.
- Humidity-controlled: CSTB Technical Report no. 14.5/17-2267.
- CEE-eligible: BAR-TH-148.
- ErP<sup>(1)</sup>.

### DIMENSIONS (mm)



### THE T.FLOW® HYGRO+ CONNECTED IN MULTI-FAMILY DWELLING



System	Function		Tank and principal components
	Humidity-controlled	Self-balanced	
T.Flow® Hygro+ Humidity-controlled	•		<ul style="list-style-type: none"> <li>- B200 T.Flow® Hygro+</li> <li>- BAHA<sup>(2)</sup> humidity-controlled exhaust terminals</li> <li>- Humidity-controlled air inlets<sup>(2)</sup></li> <li>- Micro-watt EasyVec<sup>(2)</sup> exhaust fan</li> </ul>
T.Flow® Hygro+ Automatic		•	<ul style="list-style-type: none"> <li>- B200 T.Flow® Hygro+</li> <li>- Bap'Si<sup>(2)</sup> self-balanced exhaust terminals</li> <li>- Self-balanced air inlets<sup>(2)</sup></li> <li>- Micro-watt EasyVec<sup>(2)</sup> exhaust fan</li> </ul>

### TECHNICAL DETAILS

\* Maximum value at 160 m³/h, water heater

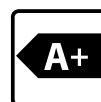
	B200 T.Flow® Hygro+
COP (at 20°C as per EN 16147)	3.14 to 3.43
Acoustic pressure level	< 16 dB(A)*
Airflow range	49.1 to 222.8 m³/h
Vmax	286 L (3)
Fluid	R513a
Power supply	230 V
Drawing-off cycle	L

# Domestic hot water

## CMEV thermodynamic water heater



# T.Flow® Nano Multi-family dwelling



Domestic hot water



## RANGE

Designation	Reference	Discount family	Energy class DHW
<b>Connected</b>			
B100_T.Flow® Nano	11023397	20	A+
<b>Not connected</b>			
B100_T.Flow® Nano	11023395	20	A+

## OPERATING PRINCIPLE

T.Flow® Nano is a solution combining the production of domestic hot water with the quality of the air supply in the dwelling. It uses the heat energy from the air inside the dwelling to heat the water: up to 320 litres of hot water daily, enough for a family of up to three people.

## DESCRIPTION

- EDesignation 100-litre tank with 55 mm insulation and painted metal jacket.
- Tank protected by titanium anode and magnesium starter anode.
- 1500 W emergency and top-up steam heating element.
- 800 W heat pump to extract air with inverter compressor and G4 protective filter.
- Digital display for installation use and settings.
- Four operating modes: auto, boost, comfort/guests and holidays.
- AldesConnect™ Box modem with USB connector (connected version) for operation via the AldesConnect™ application.
- Empty weight: 69 kg.
- Operation compatible with peak/off-peak services.
- This product contains a fluorinated greenhouse gas which is contained within a hermetically-sealed unit.
- Gas: R513a (PRG = 631).
- Initial load contained in the product: 580 g, i.e. 0.37 tonnes CO<sub>2</sub>eq.
- Fan on housing roof: EasyVec unit.
- Warranty: Heat pump 2 years and Tank 5 years.

## FIELD OF APPLICATION

- New and major renovation.
- Daily hot water requirement: up to three people.
- Compatible with the T.One air/air heat pump.

## INSTALLATION

- Installation in heated space for optimum performances.
- Built into a 600 mm-deep cupboard: wall-mounted or on tripod.
- Hydraulic and electrical connections on front side.
- Air duct connection on top with humidity-controlled or self-balanced terminals in equipment rooms depending on ventilation system.
- Humidity-controlled or self-balanced air inlets depending on ventilation system.
- Connection of the AldesConnect™ Box modem to the USB port.

## ACCESSORIES

Designation	Reference	Discount family
Tripod	11023309	20
<b>Building airtightness</b>		
Ceiling penetration manifold	11023286	20
<b>Filter</b>		
Spare filter G4	35112055	20
<b>Connected object</b>		
Aldes Connect Box	11023386	27

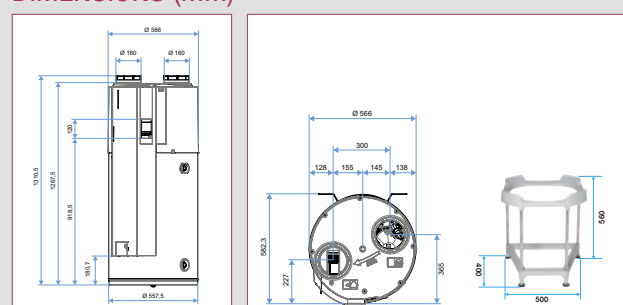
## PRODUCT ADVANTAGES

- Up to 70% energy savings.
- Continuous production of hot water: up to three people.
- Monitoring and operation in real time on smartphone with AldesConnect™ (iOS and Android).
- Continuous air renewal.
- Discreet: very silent < 16dB(A) and super thin.

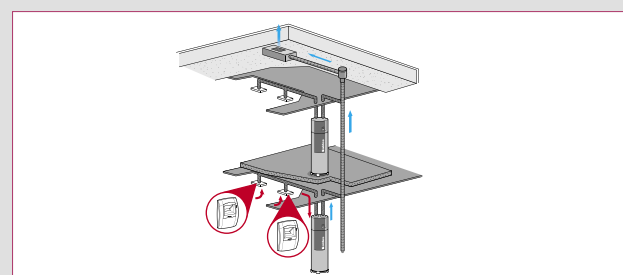
## COMPLIANCE

- NF Electricity Performance certified.
- Humidity-controlled: CSTB Technical Report no. 14.5/17-2267.
- CEE-eligible: BAR-TH-148.
- ErP<sup>(1)</sup>.

## DIMENSIONS (mm)



## THE T.FLOW® NANO IN MULTI-FAMILY DWELLING



System	Function		Production of hot water	Tank and principal components
	Humidity-controlled	Self-balanced		
T.Flow® Nano Humidity-controlled	•		•	- B100 T.Flow® Nano - BAHIA® humidity-controlled exhaust terminals - Humidity-controlled air inlets <sup>(2)</sup> - Micro-watt EasyVec® exhaust fan
T.Flow® Nano Automatic		•	•	- B100 T.Flow® Nano - Bap' SI® self-balanced exhaust terminals - Self-balanced air inlets <sup>(2)</sup> - Micro-watt EasyVec® exhaust fan

## TECHNICAL DETAILS

\* Maximum value at 160 m³/h, water heater

	T.Flow® Nano individual housing
COP at 20°C (as per EN 16147)	3.05 to 3.47
Acoustic pressure level	< 16 dB(A)*
Airflow range	27.8 to 137.5 m³/h
Vmax	150 L (3)
Fluid	R513a
Power supply	230 V
Drawing-off cycle	S

(1) Complies with eco-design regulation 814/2013 and energy labelling regulation 812/2014 for DHW. Energy class scale: see ErP Regulations page.  
(2) Not delivered with the water heater.  
(3) At 27.8 m³/h.





## RESIDENTIAL VENTILATION

<b>Air purification and Heat Recovery Ventilation</b> . . . . .	<b>p.34</b>
Selection guide . . . . .	p.32
<b>Centralised Mechanical Exhaust ventilation.</b> . . . .	<b>p.55</b>
Selection guide . . . . .	p.52
<b>Plastic ductwork</b> . . . . .	<b>p.86</b>
Selection guide . . . . .	p.89
<b>Air inlets and external grilles.</b> . . . .	<b>p.110</b>
Selection guide . . . . .	p.110
<b>Grilles and terminals</b> . . . . .	<b>p.136</b>
Selection guide . . . . .	p.136
<b>C4 Fire-rated box fans</b> . . . . .	<b>p.173</b>
Selection Guide . . . . .	p.173

**walter**<sup>®</sup>

Your connected buddy who measures and controls indoor air quality

- **4 sensors each dedicated** to a specific pollutant.
- **Automatic management and control** of your indoor air quality<sup>(1)</sup>.
- **Real-time information** on the quality of outdoor air.
- **Sleek design** for seamless integration.
- **Remote access** via the AldesConnect™ application.

(1) Compatible with Cube and InspirAIR® HRV CMEV and air purification solutions



➔ **Page 46**

## AIR PURIFICATION AND HEAT RECOVERY VENTILATION

Selection guide for air purification and HRV units system **p. 32**

### Centralised air purification



InspiraIR® Side  
p. 35



InspiraIR® TOP  
p. 44



Walter®  
p. 46



Dee Fly® Modulo  
p. 47

### HRV for individual room



Nano Air 50  
p. 51

## CENTRALISED MECHANICAL EXHAUST VENTILATION

Systems and selection guide **p. 52**

### Air purification (pollutants detection)



EasyHOME®  
PureAIR p. 55

### Humidity-controlled



EasyHOME®  
HYGRO p. 60

### Self-balanced



EasyHOME®  
AUTO p. 70

Selection guide for extractor **p. 73**

### Extractors



Extractors range  
p. 75

### Inline duct fans

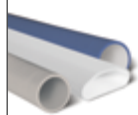


IN LINE range  
p. 77

## PLASTIC DUCTWORK

Systems and selection guide for plastic ductwork **p. 86**

### Semi-rigid ducts



Optiflex  
p. 90

### Insulated rigid ducts



Calogaine  
p. 100

### Distribution casing, filters and heating coil



Casing  
p. 101

### Rigid plastic ducts



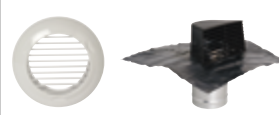
Minigaine  
p. 102

### Standard flexible plastic ducts



Algaïne  
p. 105

### Ductwork accessories



Sound-proofed connections, terminals and sleeves **p. 106**

## AIR INLETS AND EXTERNAL GRILLES

Selection guide for air inlets **p. 110**

### Humidity-controlled



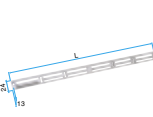
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### Self-balanced



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### Accessories



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### Wall penetrated sleeves



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### Top window sleeves



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### Metallic grilles



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## GRILLES AND TERMINALS

Selection guide for terminals **p. 136**

### Humidity-controlled



Bahia CURVE  
p. 138

### Design grille



ColorLINE grille  
p. 144

### Self-balanced



Bap'SI  
p. 145

### Accessories



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### Sleeves



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BAZ  
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### Plastic fixed terminals



BIP-BIO  
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### BAP Color



Bap COLOR  
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## C4 FIRE-RATED BOX FANS

Selection guide for EasyVEC C4 **p. 173**

### EasyVEC® C4



Very low consumption  
p. 163



Low consumption  
p. 173



Standard (AC motor)  
p. 178



Accessories  
p. 182



Accessories  
p. 182

# SELECTION GUIDE

## AIR PURIFICATION AND HEAT RECOVERY VENTILATION

I RENOVATE



I BUILD



SINGLE-FAMILY

Wall or Ceiling



Wall



InspirAIR® Side

150 / 240 / 370



Aldes  
Connect

InspirAIR® Top

300 / 450



InspirAIR® Side

150 / 240 / 370



Aldes  
Connect

InspirAIR® Top

300 / 450







## MULTI-FAMILY

## ROOM BY ROOM

Attics



Wall or ceiling



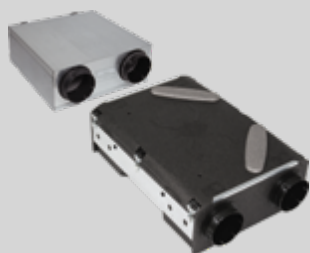
Wall



Wall



### Dee Fly Modulo®



### InspirAIR® Side

150 / 240 / 370



Aldes  
Connect

### InspirAIR® Top

300 / 450



### NanoAIR®



Ceiling or wall  
mounting  
recommended.

### InspirAIR® Side

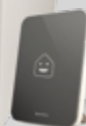
150 / 240 / 370



Aldes  
Connect

### InspirAIR® Top

300 / 450



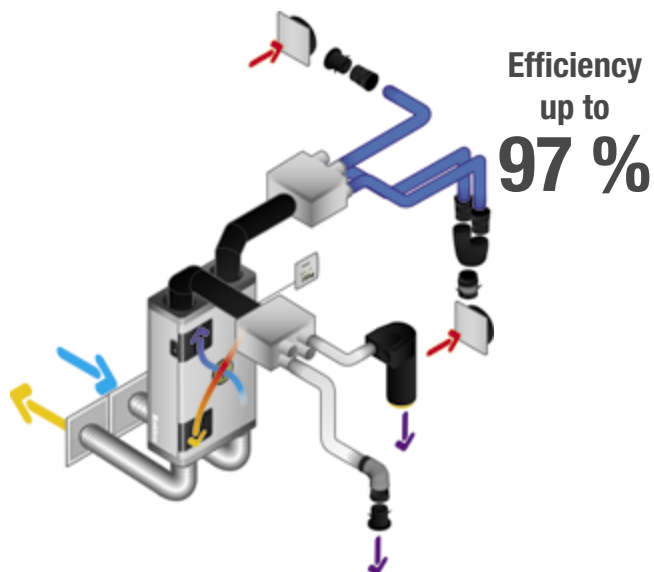
Centralised  
installation  
recommended.

SELECTION GUIDE FOR EXTRACTORS - See p. 73

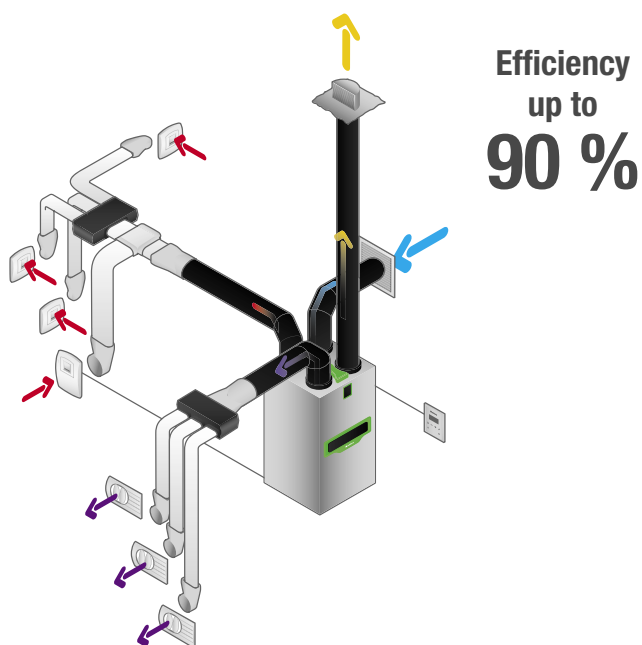
SELECTION GUIDE FOR AIR INLETS - See p.46



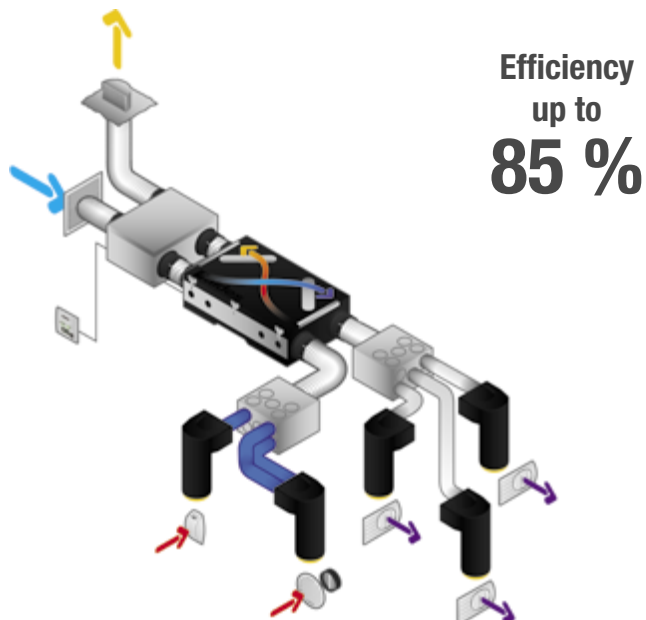
### InspirAIR® Side



### InspirAIR® TOP



### Dee Fly Modulo



# Air purification and heat recovery ventilation

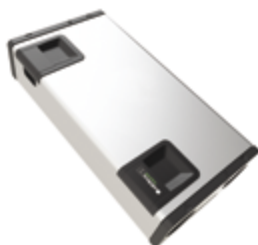
## Centralised air purification



## InspirAIR® Side SC



InspirAIR® Side SC Premium



InspirAIR® Side SC Classic

### RANGE

Designation	Reference	Discount family
InspirAIR® Side SC150 Classic Right	11023453	01
InspirAIR® Side SC150 Classic Left	11023454	01
InspirAIR® Side SC150 Premium Right	11023455	01
InspirAIR® Side SC150 Premium Left	11023456	01
InspirAIR® Side SC240 Classic Right	11023310	01
InspirAIR® Side SC240 Classic Left	11023311	01
InspirAIR® Side SC240 Premium Right	11023312	01
InspirAIR® Side SC240 Premium Left	11023313	01
InspirAIR® Side SC370 Classic right	11023314	01
InspirAIR® Side SC370 Classic Left	11023315	01
InspirAIR® Side SC370 Premium Right	11023316	01
InspirAIR® Side SC370 Premium Left	11023317	01

### DESCRIPTION

- 3 versions : Classic, Classic Modbus (on request), Premium.
- 2 configurations : right or left.
- 3 sizes : SC150, SC240 et SC370.
- 2 montages : horizontal on ceiling or vertical on wall.
- 4 types of control available:
  - Constant speed.
  - Constant airflow (self-balanced).
  - Variable airflow based on CO<sub>2</sub> (0-10V input).
  - Constant pressure (humidity-controlled NF only on SC370 premium).
- 4 speeds : Holidays, Daily, Cook and Guests.
- **Connectivity :**
  - 0 - 10V for Inside air quality sensor (CO<sub>2</sub>).
  - Modbus for integration in domotic or BMS (standard on Classic Modbus and Premium units).
  - iBus Aldes.
  - AldesConnect™ smartphone app. combined with AldesConnect™ Box.
  - Your connected Buddy Walter.
  - Compatible with EDF's Sowe connected station (France).
- **Installer keyboard :**
  - Classic keyboard (InspirAIR® Side SC Classic and Classic Modbus).
  - the Heart (InspirAIR® Side SC Premium).
- **Filtration :**
  - At extraction : 1 dust filter (standard).
  - On fresh air: 1 pollen filter (InspirAIR® Side SC Classic (Modbus).
  - 1 fine particle filter (InspirAIR® Side SC Premium).
  - 1 bacteria filter (option).
  - 1 VOC filter (option).
  - Incoming air is still filtered in bypass mode.
- 100% bypass as standard.
- Designed and manufactured in France.
- 2 years warranty.

### FIELD OF APPLICATION

- Centralised connected air purification solution with heat recovery for collective housing treated individually and private house
- Filter the incoming air and renew the inside air without any energy losses

### INSTALLATION

- Product fixed vertically to the wall or horizontally to the ceiling.
- Condensate drain to connect to the 32mm PVC pipework.
- Self-balanced, humidity-controlled and ColorLINE® air supply and extract terminal kits.

### ADVANTAGES

- Cleaner air: up to 90% of bacteria, fine particules and pollens
- More control: control at anytime your housing's air quality with the AldesConnect® Smartphone App or let Walter do it for you
- More design: pure and minimalist lines to integrate to the most demanding interior.
- More comfort: condition your indoor air while isolating outside noise

### COMPLIANCE(S)

- CE conform
- NF, DIBT, PEB, CasaClima, TÜV, Passivhaus certified
- SAP-PCDB listed.

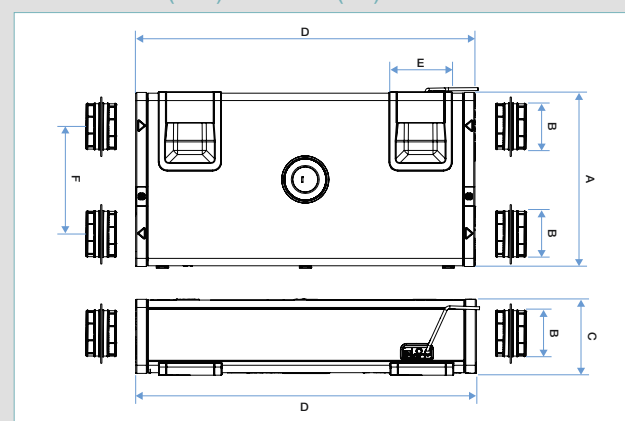
### CONTENT OF KITS

Designation	InspirAIR® Side SC Classic / Classic Modbus	InspirAIR® Side SC Premium
InspirAIR® Side SC	1	1
Mounting	1 mounting kit	1 cradle + mounting kit
Connector D160	0*	4
Control keypad (integrated on unit)	1 Classic keyboard	1 heart
Water trap	1	1
Dust filter	1	1
Pollen filter	1	0**
Fine particle filter	0**	1
Bacteria filter	0**	0**
VOC filter	0**	0**
Modem for AldesConnect™ App	0**	1

\* Not necessary for InspirAIR 150

\*\* Component may be purchased separately.

### DIMENSIONS (MM) - WEIGHT(KG)



Designation	A	B	C	D	E	F	Weight
InspirAIR® Side SC 150	600	Ø 160	200	1070	215	420	27 kg
InspirAIR® Side SC 240	600	Ø 160	250	1150	215	365	30 kg
InspirAIR® Side SC 370	670	Ø 160	300	1150	215	420	34 kg

\*\* It's recommended to combine the bacteria filter with the pollen filter for a longer life cycle

(1) In accordance with Eco-design Regulation 1253/2014 and Energy Labelling Regulation 1254/2014. Class obtained as per Labeling Regulation 1254/2014 in local demand control mode.





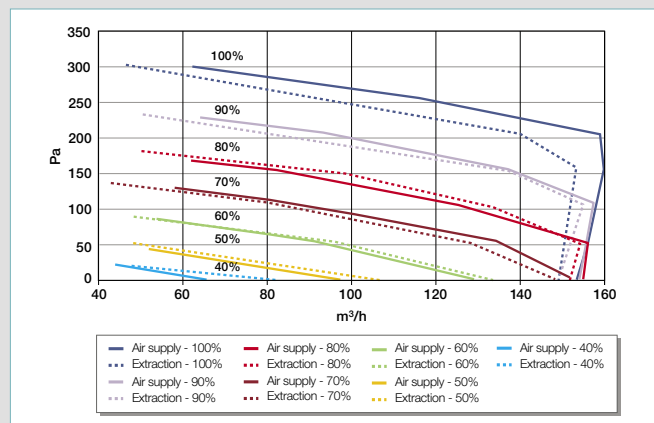
### InspirAIR® Side SC

#### CONFIGURATION TOOL

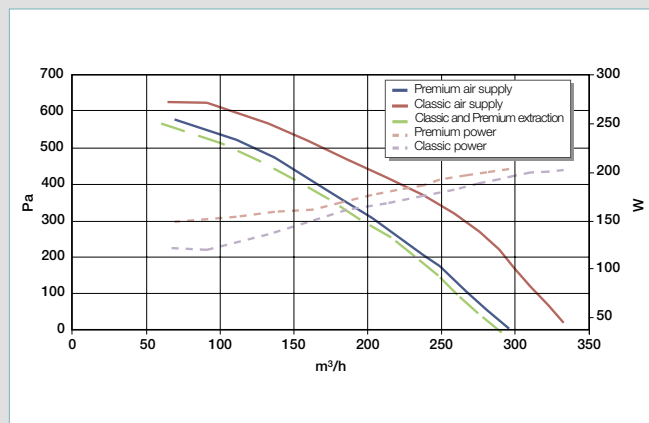


The PC tool InspirAIR® is a quick setting program for the full range of Aldes InspirAIR® air purification and HRV solution. this tool is dedicated to installers during the product commissioning.

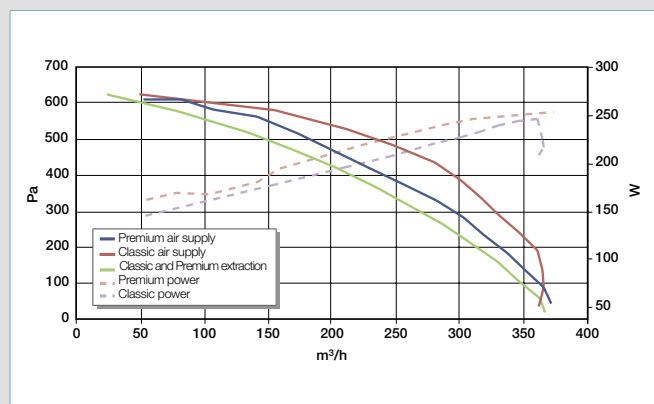
#### AIRFLOW / PRESSURE



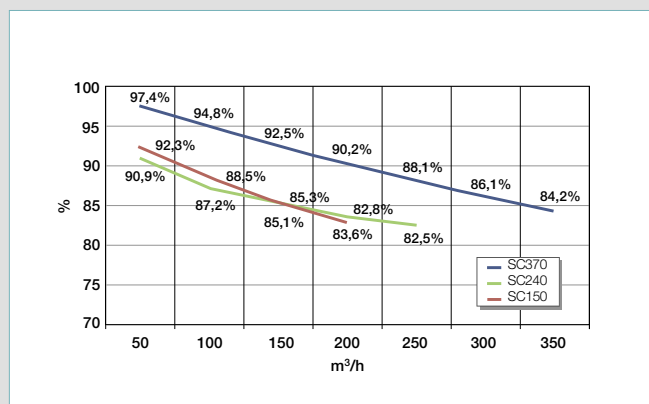
InspirAIR® 150 - With pollen filter (Classic)



InspirAIR® 240 - with pollen filter (Classic) or fine particles filter (Premium) or VOC filter (available as accessory)



InspirAIR® 370 - with pollen filter (Classic) or fine particles filter (Premium) or COV filter (available as accessory)



Thermal efficiency

Test conditions: - Outside air = dry air 5°C, Hr<20%. -Inside air = dry air à 25°C, Hr<20%. (EN13141-7 et EN308)



### Accessories InspirAIR® Side SC



InspirAIR® Side SC 240/370 Premium



InspirAIR® Side SC 240/370 Classic



InspirAIR® Side SC 150

#### RANGE

Designation	Reference	Discount family
<b>Common accessories</b>		
«Blind» finish hatch InspirAIR® Side	11023321	01
Mounting cradle InspirAIR® Side	11023322	01
«Port Hole» finish hatch InspirAIR® Side	11023440	01
<b>InspirAIR® Side SC150</b>		
Bacteria filter InspirAIR® Side SC150	11023461	01
Fine particle filter InspirAIR® Side SC150	11023460	01
Pollen filter InspirAIR® Side SC150	11023459	01
Dust filter InspirAIR® Side	11023469	01
VOC filter InspirAIR® Side SC150	11023462	01
<b>InspirAIR® Side SC240</b>		
Duct cover 500 mm InspirAIR® Side SC240	11023398	01
Finition duct cover InspirAIR® Side SC240	11023426	01
Duct cover 300 mm InspirAIR® Side SC240	11023324	01
Distribution casing InspirAIR® Side SC240	11023323	01
Bacteria filter InspirAIR® Side SC240	11023331	80
Fine particle filter InspirAIR® Side SC240	11023326	80
Pollen filter InspirAIR® Side SC240	11023340	80
Dust Filter InspirAIR® Side SC240	11023325	80
VOC filter InspirAIR® Side SC240	11023438	01
Ceiling penetration manifold InspirAIR® Side SC240	11023338	01
<b>InspirAIR® Side SC370</b>		
Duct cover 500 mm InspirAIR® Side SC370	11023399	01
Distribution casing InspirAIR® Side SC370	11023327	01
Duct cover 300 mm InspirAIR® Side SC370	11023328	01
Finition duct cover InspirAIR® Side SC370	11023427	01
Bacteria filter InspirAIR® Side SC370	11023332	80
Fine particle filter InspirAIR® Side SC370	11023330	80
Pollen filter InspirAIR® Side SC370	11023341	80
Dust filter InspirAIR® Side SC370	11023329	80
VOC filter InspirAIR® Side SC370	11023439	01
Ceiling penetration manifold InspirAIR® Side SC370	11023339	01
<b>Complementary offer</b>		
BCA Bus pre-heating coil	11023225	01
Connectors Calogaine D160	11023209	01
Connectors galvanised	11098163	22

#### DESCRIPTION

- Finish hatch with metal finish and frame to concealed the product in suspended ceiling or vertical installation: blind version or with a window for the Heart.
- Mounting cradle (standard on the Premium version only).
- 2 in 1 single unit distribution boxes (air supply/recovery) for Optiflex ducts.
- Duct cover:  
Decorative metal cover to be installed above or below the unit for discreet integration of ductwork.
- Exclusive Aldes filtration:  
Dust, pollen, fine particles, bacteria and COV filters.

#### Other accessories:

InspirAIR® Side SC is also compatible with the following accessories:

- AldesConnect™ Box.
- CO<sub>2</sub> sensor.
- BCA bus pre- heating coil,
- Bahia Curve Bus grille, hygro-adjustable kitchen exhaust grille.
- Connector D160 (plastic or galvanised).

#### ACCESSORIES



«Blind» finish hatch InspirAIR® Side  
11023221



«Port Hole» finish hatch InspirAIR® Side  
11023322



Distribution Casing  
SC240 : 11023221  
SC370 : 11023327



Duct cover 300 mm :  
SC240 : 11023398, SC370 : 11023399  
Duct cover 300MM :  
SC240 : 11023324, SC370 : 11023328  
Finition duct cover :  
SC240 : 1023426, SC370 : 1023427



Mounting cradle  
SC240 only  
11023322



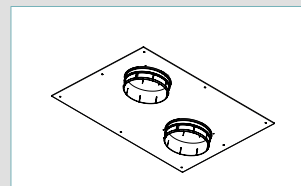
Connectors D160  
for Calogaine : 11023209  
Galvanised: 11018163



Aldes Filters



BCA Bus pre-heating coil  
11023225



Ceiling Penetration Manifold InspirAIR®  
SC240 : 11023338  
SC370 : 11023339



### Distribution casing InspirAIR® Side SC 240 and 370



Distribution casing InspirAIR® Side SC 240 and 370

#### RANGE

Designation	Reference	Discount family
Distribution casing InspirAIR® Side SC240	11023323	01
Distribution casing InspirAIR® Side SC370	11023327	01

#### DESCRIPTION

Metal distribution casing InspirAIR® Side SC supplies and recovers air.

Distribution casing InspirAIR® Side SC exists in 2 sizes:

- The 240 model with dimensions (width and height) for installation as an extension to the InspirAIR® Side SC 240
- The 370 model dimensions (width and height) for installation as an extension to the InspirAIR® Side SC 370 and can be installed as an extension to an InspirAIR® Side SC 150 system (same pitch between connections)..

#### The distribution casing contains:

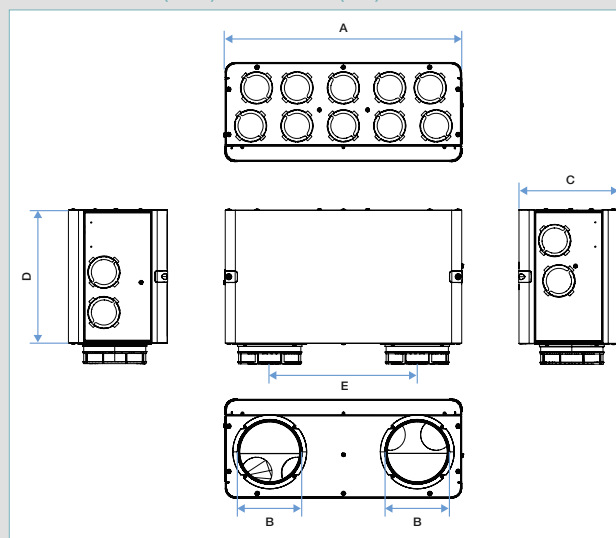
- 1 front with 2 seal connectors D160 mm equipped with circulaire seal,
- 1 removable front to clean and examine the casing and ductworks,
- 3 fronts with :
- For the distribution casing InspirAIR® Side SC 240: 7 seal connectors for exhaust and 7 for supply,
- For the distribution casing InspirAIR® Side SC 370: 9 seal connectors for exhaust and 7 for supply.
- Distribution casing is isolated from the noise.

These distribution units have not been designed for installation in passive house or similar projects with high air tightness requirements.

#### INSTALLATION

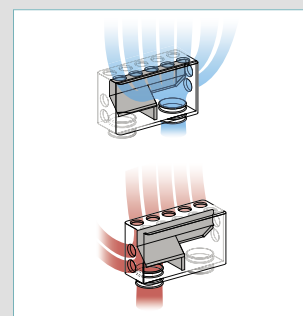
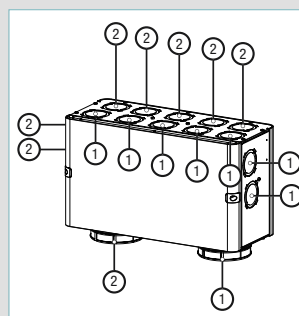
- The distribution casing is delivered together with the mounting kit (vertical or horizontal) :
  - 3 wall brackets (together with 6 screws) to mount on the distribution casing,
  - 3 silencer blocks.
- The distribution casing can be directly mounted on the InspirAIR® Side. The seal connectors that are not used, do not have to be blocked.
- Choose seal connector D75 or D90 mm according to the duct diameter you want to connect :
  - D75 : compatible with Optiflex D75 duct and Algaine D80,
  - D90 : compatible with Optiflex D90 duct and Algaine D100.

#### DIMENSIONS (MM) - WEIGHT (KG)



	A	B	C	D	E	Weight (kg)
Distribution casing InspirAIR® Side SC 240	600	Ø 160	250	330	365	10,82
Distribution casing InspirAIR® Side SC 370	670	Ø 160	300	330	420	12,52

#### FLOW



#### COMPATIBILITY

Code	Designation	Compatibility
11023323	Distribution casing InspirAIR® Side SC240	InspirAIR® Side SC240 Classic : 11023310 - 11023311 InspirAIR® Side SC240 Premium : 11023312 - 11023313
11023327	Distribution casing InspirAIR® Side SC370	InspirAIR® Side SC370 Classic : 11023314 - 11023315 InspirAIR® Side SC370 Premium : 11023316 - 11023317





## Remote controls and sensors InspirAIR® Side SC \*



Walter®



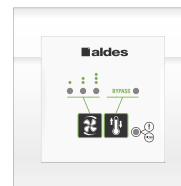
CO<sub>2</sub> sensor



AldesConnect™ Box



4-speed wired remote control



3-speed wired remote control



2-speed wired remote control

### RANGE

Designation	Reference	Discount family
<b>Sensors</b>		
Smart sensor Walter®	11023470	27
CO <sub>2</sub> sensor	11017090	12
230V/24V power supply for CO <sub>2</sub> sensor	11017180	12
<b>Remote controls</b>		
AldesConnectBox™	11023386	27
4-speed wired remote control	11023334	01
3-speed wired remote control	11023065	01
2-speed wired remote control	11026011	01

### DESCRIPTION

#### AldesConnect™ :

- Model connected to products via USB or iBus for connection to AldesConnect™
- AldesConnect™: Aldes mobile application for Android and iOS.
- Manual control and weekly programming with 4 programming modes: holidays, daily, boost and guests.
- Real-time monitoring of indoor and outdoor air quality.
- Filter clogging monitoring and alerts.
- Compatible with EDF's Sowe connected station (see aldes.fr for more information).
- Compatible products need to be equipped with the AldesConnect™ Box (except Walter®).
- The model can be installed later on compatible products.

#### Smart Sensor Walter® :

- 4 sensors, each dedicated to a specific pollutant to measure the indoor air quality.
- Automatic management and control of your indoor air quality.
- Real-time information on 4 pollutants of the outdoor air thanks to Aldes cloud.
- Remote access via AldesConnect™ application.
- A sleek design with an intuitive user interface.

#### 4- speed wired multi-function remote control:

- LCD screen with white backlighting (60 x 60 mm),
- 3 control buttons,
- 1 home screen and 1 information screen,
- 4 speeds: Holidays, Daily, Cook and Guests,
- User and installer interfaces.

#### 3- speed wired remote control:

- Flush-mounted remote control,
- Compatible with a standard electric device, 1 station,
- 2 control buttons and 5 LED,
- 3 speeds : Daily, Cook and Guests,
- Material: white ABS,
- User interface.

#### 2-speed wired remote control:

- Flush-mounted wired push button,
- Compatible with a standard electric device, 1 station,
- 2 speeds: Daily and Cook,
- Material: white ABS,
- User interface.

### RANGE



AldesConnect™



Interior air quality monitoring (by day, week, month)



Exterior air quality monitoring



Week schedule



\* 2, 3 and 4-speed remote control are only for InspirAIR Side range.

# NEW INSPIRAIR® TOP GENERAL PRESENTATION

## For air quality

Widest range of filters on the market and custom recommendations  
Automatic ventilation control based on indoor air quality  
via multi-pollutant sensors (CO<sub>2</sub>, PM 2.5, VOC)  
Exclusive radon mode  
Enthalpic exchanger to guarantee optimal humidity in indoor air

## For performance

Benchmark thermic and electrical performances  
Made in France  
Complete and performant ventilation network system solution

## For comfort

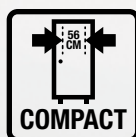
Very silent unit  
Automatic bypass for night cooling

## For end user interaction

Light signal informing about unit status  
Intuitive InspirAIR® remote controls  
AldesConnect™ app and Smart Home interoperability

## For interaction with professionals

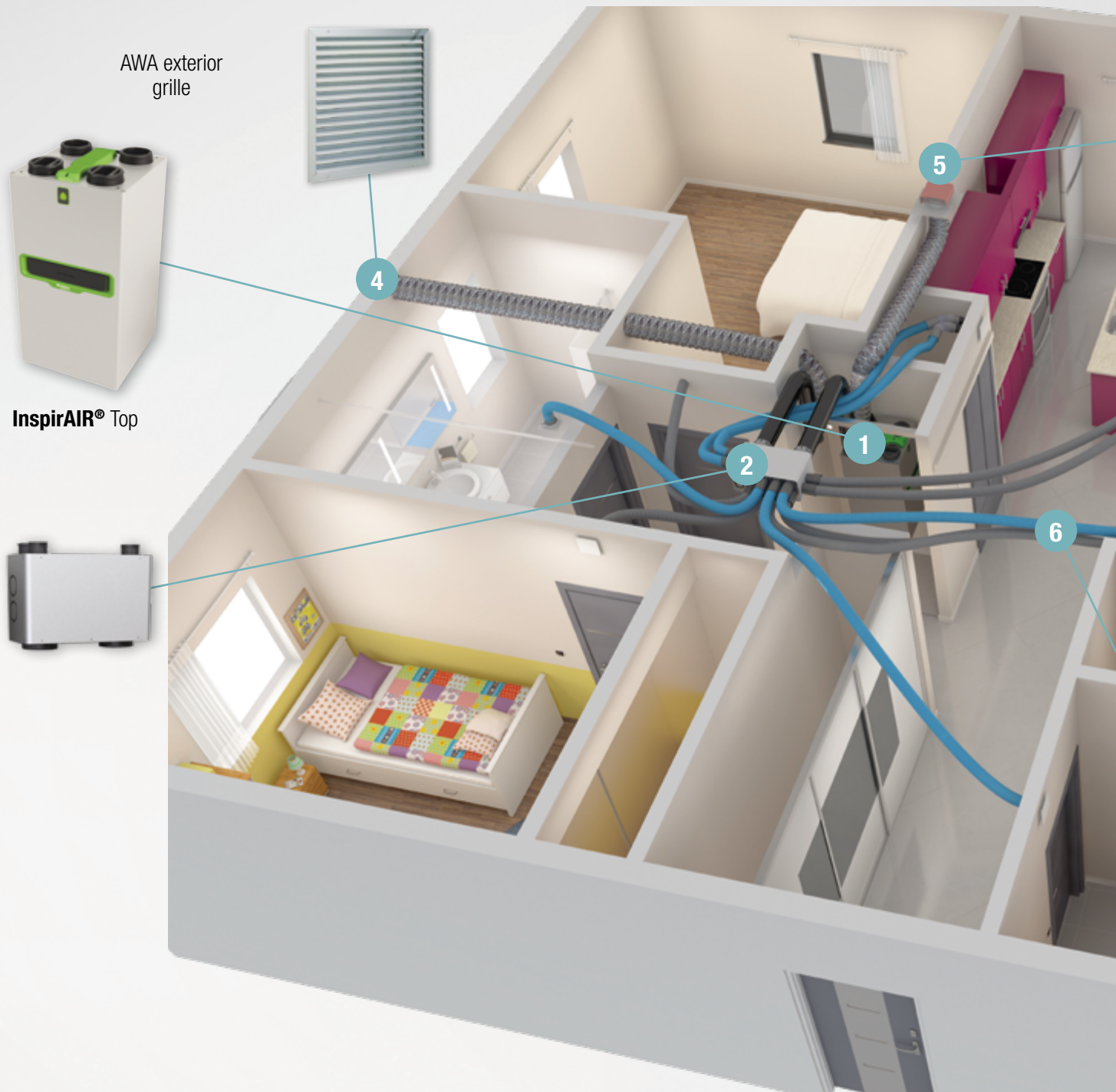
Small dimensions for installation in standard 600 x 600 mm cupboard  
Easy inversion of airflows  
Easy to install, configure and maintain  
Support from selection to maintenance with Aldes digital tools



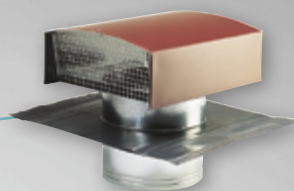




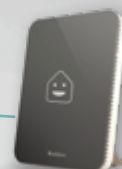
# INSTALLATION OVERVIEW



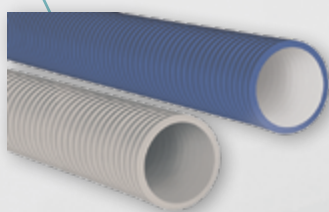
- 1 InspirAIR® Top
- 2 InspirAIR® Distribution casing
- 3 Walter® air quality sensor
- 4 Fresh air inlet
- 5 Roof cowl
- 6 Air intake and exhaust ducting and terminals



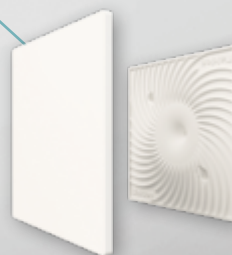
STS roof outlet



**Walter®** air  
quality sensor



**Optiflex®** ducts & accessories



**ColorLINE®** grilles

# Air purification and heat recovery ventilation

## Centralized air purification

### InspirAIR® Top



InspirAIR® Top Premium



InspirAIR® Top Classic

#### ADVANTAGES

- For the air quality : efficient filtration and personalized filter recommendations,
- For the performances : a complete system offer with thermic and electric performances, market references,
- For the connectivity: a complete user experience.

#### COMPLIANCE(S)

- CE conformity
- Passivhaus certified

#### RANGE

Designation	Reference	Discount family
InspirAIR® Top 300 Classic	11023473	01
InspirAIR® Top 300 Premium	11023474	01
InspirAIR® Top 300 Premium ERV	11023477	01
InspirAIR® Top 450 Classic	11023475	01
InspirAIR® Top 450 Premium	11023476	01
InspirAIR® Top 450 Premium ERV	11023478	01

#### DESCRIPTION

- Two finitions :
  - Classic and Premium,
- Two airflows :
  - 300 m³/h, 450 m³/h,
- Compact dimensions :
  - 560 x 560 x 1088 mm,
- Material :
  - EPP body and metallic sheets,
- Filtration :
  - At extraction : one Dust or Pollen (Coarse 65%) filter,
  - On fresh air: one Particles (ePM10 50%) on Premium unit or Pollen (Coarse 65%) filter on Classic unit,
  - In accessory : Fine Particles (ePM2.5 65%), Bacteria (ePM1 80%), COV (ePM2.5 65% + active coal).
- Filter recommendations (with AldesConnect™ app),
- Light signal informing about unit status (Premium version),
- Exclusive radon mode,
- Enthalpic version available,
- Connectivity :
  - Smart control with your connected Buddy Walter,
  - CO2 remote control InspirAIR®,
  - 0-10V for inside air quality sensor (CO₂),
  - AldesConnect™ Smartphone application (with modem),
  - Modbus for integration in domotic,
  - IBus Aldes (for heating coils).
- 100% bypass as standard.
- Designed and manufactured in France
- 2 years warranty

#### FIELD OF APPLICATION

Centralised connected air purification solution with heat recovery for collective housing treated individually and private house.

#### INSTALLATION

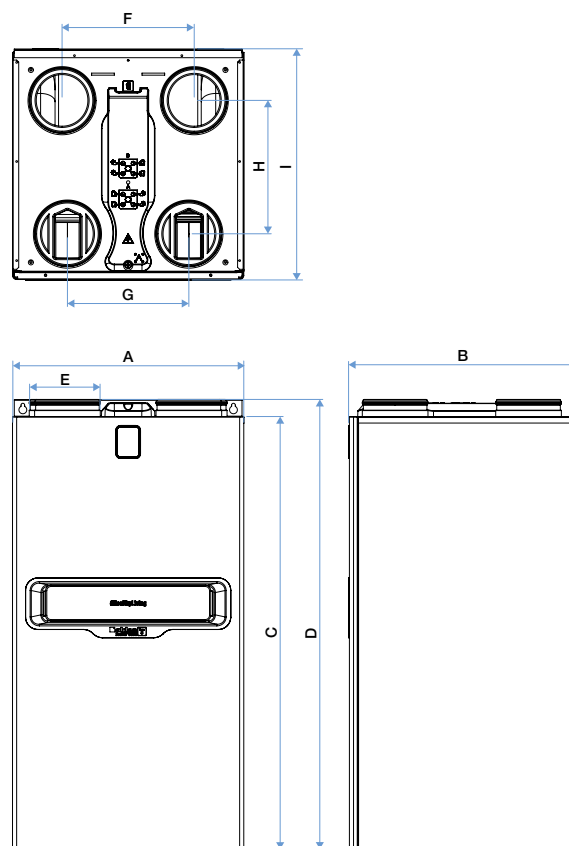
- Fixation with brackets for wall mounting or feet for ground installation (as accessory),
- Easy inversion of airflows,
- Condensate drain connection mandatory (siphon as accessory),
- Compact dimensions for installation in closet.

#### ACCESSORIES

Designation	InspirAIR® Top Classic	InspirAIR® Top Premium
Wall mounting cradle	Included	Included
Ø 160 connector for aeraulic connection	Included	Included
Water trap kit	Not included**	Not included**
AldesConnect™ modem	Not included**	Included
InspirAIR® CO₂ remote control	Not included**	Not included**
InspirAIR® remote control	Not included**	Not included**

\*\* available as accessories

#### DIMENSIONS (mm) - WEIGHT(kg)



Designation	A	B	C	D	E	F	G	H	I	Weight
InspirAIR® Top Classic	560	560	1045	1088	160	320	294	323	560	28 kg
InspirAIR® Top Premium										41 kg

\* Class obtained as per Labeling Regulation 1254/2014 in local demand control mode.



### InspirAIR® Top accessories



InspirAIR® Top Premium

#### GAMME

Designation	Reference	Discount family
<b>Accessories and additional offer</b>		
Connected air quality sensor Walter®	11023470	01
InspirAIR® CO2 remote control	11023480	01
InspirAIR® remote control	11023479	01
AldesConnect Box™	11023386	01
CO <sub>2</sub> sensor	11017090	01
230/24V power supply for CO <sub>2</sub> sensor	11017180	01
2 speed remote control wired	11026011	01
InspirAIR® Top condensate kit	11023483	01
InspirAIR® Top floor mounting kit	11023484	01
InspirAIR® Top ceiling manifold	11023485	01
OCTA 160 sealed sound attenuator	11094633	01
InspirAIR® external preheating coil	11023225	01
InspirAIR® Top internal preheating coil	11023486	01
InspirAIR® Top external post-heating coil	11023487	01
<b>Filters</b>		
InspirAIR® Top Dust filter	11023490	01
InspirAIR® Top Pollen filter	11023491	01
InspirAIR® Top Particles filter	11023492	01
InspirAIR® Top Fine Particles filter	11023493	01
InspirAIR® Top Bacteria filter	11023494	01
InspirAIR® Top Particles filter + VOC	11023495	01

#### DESCRIPTION

- Smart sensor Walter®: automatic control based on indoor air quality.
- InspirAIR remote control: set and control Aldes air purification and heat recovery ventilation solutions for individual dwelling.
- AldesConnect™ Box: modem connected to the unit by USB to work with AldesConnect™ app.
- 2-speed wired remote control : 2 speeds daily and cool
- CO<sub>2</sub> sensor: Fixed to the wall in a living room, allows switching to guest mode when the CO<sub>2</sub> concentration exceeds 1000 ppm, to guarantee optimal air quality for occupants.
- Condensate kit: extra-flat dry siphon and sealed elbow for condensate connection without glue on the unit.
- Floor mounting kit: easy to assemble feet and anti-vibration rubbers to install the unit on the floor.
- Ceiling manifold: to protect and guide air ventilation ducts during installation. It guarantees air tightness in this configuration.
- OCTA sound reducer: to reduce the noise of air in the ducts.
- Pre heating coils: to warm up fresh air going to the HRV unit InspirAIR® Top. It avoids air freezing and can work up to -30 degrees Celsius.
- Post heating coils: to warm up the air going to living rooms for user comfort.
- The largest filter range available on the market : Dust; Pollens, Particles, Fines Particles, Bacteria and VOC filters.

#### ACCESSORIES



Connected sensor Walter®  
11023470



InspirAIR® remote control  
11023480 (CO<sub>2</sub> version) / 11023479



AldesConnectBox™  
11023386



2 speed wired remote control  
11026011



CO<sub>2</sub> sensor  
11023485



InspirAIR® Top floor mounting kit  
11023484



InspirAIR® Top ceiling manifold  
11023485



OCTA sound reducer  
11094633



InspirAIR® pre heating coil :  
11023225 (external)  
11023487 (external)



InspirAIR® pre heating coil :  
11023486 (internal)



InspirAIR® Top filters  
(pollens, dust, particles, fines particles,  
VOC)

# Air purification and heat recovery ventilation

## Connected IAQ sensor



### Smart Sensor Walter®

Your connected buddy who measures and controls indoor air quality



Walter®



Detailed display QAI

Detailed display QAE

#### ADVANTAGES

- 4 sensors, each dedicated to a specific pollutant to measure the indoor air quality.
- Automatic management and control of your indoor air quality.
- Real-time information on 4 pollutants of the outdoor air thanks to Aldes cloud.
- Remote access via AldesConnect™ application.
- A sleek design with an intuitive user interface.

#### RANGE

Designation	Reference	Discount family
Smart sensor Walter®	11023470	27

#### OPERATION

Aside giving real-time information about air quality, Walter® is able to boost automatically your air purification system in case of alarming values of pollutants. When the level of air quality is back to normal, the air purification system will return to his normal behaviour.

#### DESCRIPTION

Walter® shows you the indoor air quality thanks to his 4 dedicated sensors :

- Fine particules (PM2.5)
- Volatile Organic Compounds (VOCs)
- Carbon dioxide (CO<sub>2</sub>)
- Temperature & humidity (°C et H<sub>2</sub>O)

Walter® also displays outdoor air quality thanks to the data he gets from Aldes Cloud :

- Fine particules (PM2.5)
- Pollens (PM10)
- Nitrogen dioxide (NO<sub>2</sub>)
- Ozone (O<sub>3</sub>)

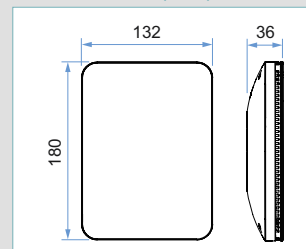
#### FIELD OF APPLICATION

- Multiple dwellings ventilated like individual houses and individual houses.
- New and refurbishment.

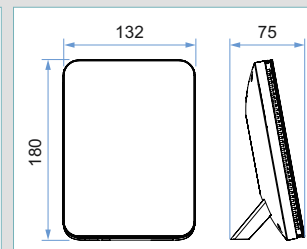
#### EXAMPLE OF INSTALLATION



#### DIMENSIONS (MM)



Wall-mounted



Foot-mounted

#### COMPATIBILITY



InspirAIR® Side SC



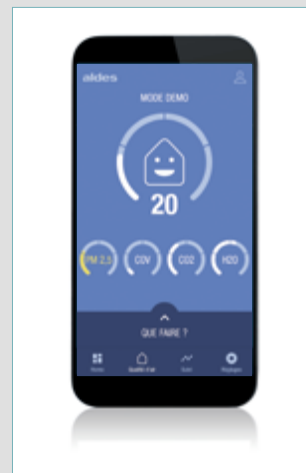
InspirAIR® TOP

#### INSTALLATION

Walter® can be installed :

- Standing on a piece of furniture, plugged with his USB cable.
- Wall-mounted, powered with 12V DC.

#### ALDESCONNECT™ SOFTWARE



Multi-pollutants Indoor Air Quality



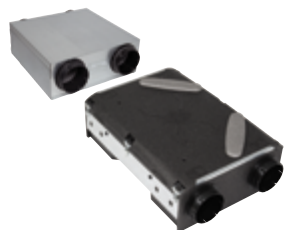
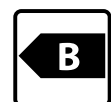
Indoor Air Quality monitoring  
(day, week, month)

# Air purification and heat recovery ventilation

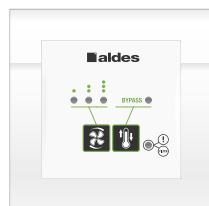
## Heat recovery ventilation with exchanger



## Dee Fly Modulo - self-balanced



Dee Fly Modulo- self balanced



3-speed wired remote control

### ADVANTAGES

- **More convenient:** Built in two different parts, it answers perfectly to any kind of installation.
- **Cleaner air:** The incoming air is filtered to eradicate outdoor pollution.
- **More comfort:** thanks to a high performance exchanger that control the indoor air while isolating any external noises.

### COMPLIANCE(S)

- CE electrical safety.
- WEEE recycling compliant.

### RANGE

Designation	Reference	Discount family	Energy class - Average climate - Text
MV300-HE micro-watt AUTO motor fan unit	11023239	01	B
ES300-HE heat exchanger + BY-PASS AUTO	11023240	01	B

### DESCRIPTION

#### Heat exchanger

- Expanded polypropylene casing.
- Counter flow heat exchanger
- 4 x Ø 160 mm connections.
- 1 Fine particles air supply filter and 1 Pollen exhaust filter.
- By-pass as standard.
- Flat drain pipe delivered with product.

#### Motor

- Galvanised sheet casing.
- 2 x 3-speed micro-watt motors on ball bearings with thermal protection.
- 4 x Ø 160 mm connections.

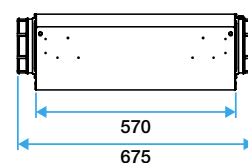
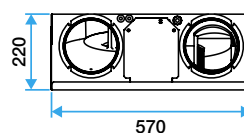
### INSTALLATION

- Ceiling suspension: requires a suspension kit for each exchanger and each motor.
- Horizontal installation on floor: requires floor mounting kit for each heat exchanger and each motor.
- Horizontal on wall: requires floor mounting kit for each exchanger and each motor, also a condensate discharge kit.
- Self-balanced air supply and exhaust terminal kits.

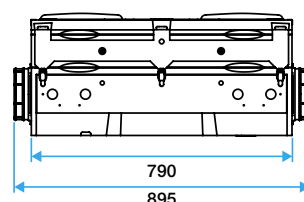
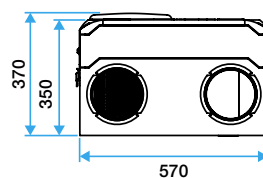
### ACCESSORIES

Designation	Reference	Discount family
Floor fixing kit	11023144	01
Ceiling suspension kit	11023117	01
Horizontal wall mounting condensates kit	11023099	01
Vertical wall mounting condensates kit	11129790	01
1 Fine particle filter and 1 Pollen filter	11023146	01

### DIMENSIONS (MM) - WEIGHT (KG)



Motorised fan unit



Heat exchanger with by- pass

- **Field of use:**
  - Minimum 3-room home with 2 bath/shower/WC.
  - Maximum: 7-room home with 7 bath/shower/WC.
- Thermal efficiency: 85 % at 120 m3/h.
- Power supply: 230 V - 50 Hz single-phase.
- Current protection: 2 A.
- Weight: 17 kg (fan), 13 kg (heat exchanger) and 14 kg (heat exchanger with by-pass).

### CONTENTS OF KITS

Ceiling suspension kit: set of 4 threaded bolts + washers + nuts + wall plugs.  
Floor mounting kit: set of 4 feet and bolts.

Designation	MV300-HE MICRO-WATT	ES300-HE BYPASS
<b>Code</b>	<b>11023239</b>	<b>11023240</b>
Motor casing	1	0
Heat exchanger casing	0	1
Exchanger by- pass kit	0	1
D160 Easy Clip Connectors	4	4
Set of 4 ceiling attachment lugs	1	1
Anti-vibration mountings	4	4
3-speed remote control	0	1
Condensation water trap	0	1
PVC 87° bend	0	1

(1) In accordance with Eco-design Regulation 1253/2014 and Energy labelling Regulation 1254/2014.

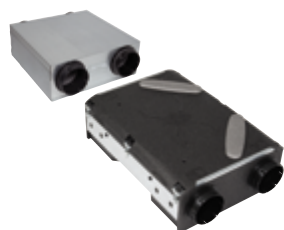


# Air purification and heat recovery ventilation

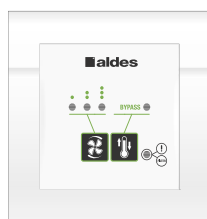
## Heat recovery ventilation with exchanger



## Dee Fly Modulo - humidity-controlled



Dee Fly Modulo (motorised fan unit + heat exchanger)



3- speed wired remote control

### RANGE

Designation	Reference	Discount family	Energy class - Average climate - Text
MV250-HE micro-watt HYGRO motor fan unit	11023244	01	A
ES250-HE BYPASS HYGRO heat exchanger	11023154	01	A

### DESCRIPTION

#### Heat exchanger

- Expanded polypropylene casing.
- Counterflow heat exchanger (up to 89 % efficiency).
- 4 x Ø 160mm connections.
- 1 Fine particle air supply filter and 1 Pollen exhaust filter.
- By-pass version (height +100mm).
- Built-in pressure sensor for control in humidity-controlled mode.
- Flat drain pipe delivered with product.

#### Motor

- Galvanised sheet casing.
- 2 x 3-speed micro-watt motors on ball bearings with thermal protection.
- 4 x Ø 160 mm connections.

### INSTALLATION

- Ceiling mounted: requires a suspension kit for each heat exchanger and each motor.
- Horizontal on floor: requires a floor mounting kit for each heat exchanger and each motor.
- Horizontal on wall: requires a floor mounting kit for each heat exchanger and each motor, as well as a condensate discharge kit.
- Humidity-controlled exhaust and air inlet terminal kits.

### ACCESSORIES

Designation	Reference	Discount family
Floor fixing kit	11023144	01
Ceiling suspension kit	11023117	01
Horizontal wall mounting condensates kit	11023099	01
Vertical wall mounting condensates kit	11129790	01
1 Fine particle filter and 1 Pollen filter	11023146	01

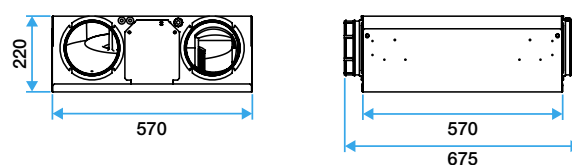
### ADVANTAGES

- Micro-watt motor.
- Low energy consumption.
- Over-ventilation using the BOOST function.
- Automatic heat exchanger bypass.
- Simple to install.

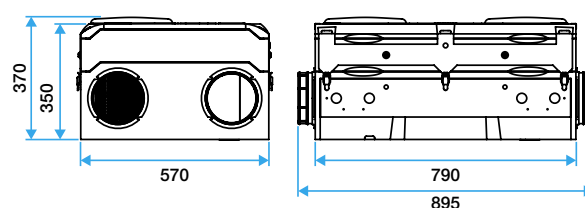
### COMPLIANCE(S)

- CE electrical safety.
- WEEE recycling compliant.

### DIMENSIONS (MM) - WEIGHT (KG)



Motorised fan unit



Heat exchanger with by- pass

- Field of use:
  - Minimum: 3-room home with 2 bath/shower/WC.
  - Maximum: 7-room home with 7 bath/shower/WC.
- Power supply: 230 V - 50 Hz single-phase.
- Current protection: 2 A.
- Weight: 17 kg (fan), 13 kg (heat exchanger) and 14 kg (heat exchanger with by-pass).

### CONTENTS OF KITS

Ceiling suspension kit: set of 4 threaded bolts + washers + nuts + wall plugs.  
Floor mounting kit: set of 4 feet and bolts.

Designation	MV250-HE MICRO-WATT HYGRO	ES250-HE BYPASS HYGRO
<b>Code</b>	<b>11023244</b>	<b>11023154</b>
Motor casing	1	0
Heat exchanger casing	0	1
Exchanger by- pass kit	0	1
D160 Easy Clip Connectors	4	4
Set of 4 ceiling attachment lugs	1	1
Anti-vibration mountings	4	4
3- speed remote control	0	1
Condensation water trap	0	1
PVC 87° bend	0	1

(1) Class obtained as per Labelling Regulation 1254/2014 in local demand control mode.  
In accordance with Eco-design Regulation 1253/2014 and Energy labelling Regulation 1254/2014.

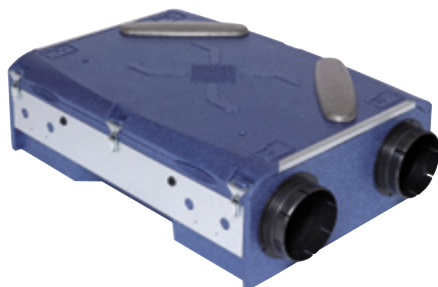


# Air purification and heat recovery ventilation

## Heat recovery ventilation with exchanger



## Static heat exchanger for multiple dwellings



Heat Exchanger

### ADVANTAGES

- Energy savings: high-efficiency heat exchanger.
- Thermal comfort: incoming air pre-heated at no charge.
- Acoustic comfort: removal of air inlets.
- Individual heat exchanger: each dwelling recovers its own heat produced.

### RANGE

Designation	Reference	Discount family
ES300-HE COLL High-Efficiency Heat Exchanger	11023242	01
ES300-HE BYPASS COLL High-Efficiency Heat Exchanger	11023243	01
ES300 COLL Heat Exchanger control unit	11023066	01
ES300 BYPASS COLL Heat Exchanger control unit	11023067	01

### DESCRIPTION

- Expanded polypropylene casing.
- 4 x Ø 160 mm connections.
- G4 filter on exhaust and incoming air filter on air supply casing.
- High-efficiency counterflow heat exchanger (85% efficient at 120 m<sup>3</sup>/h).
- Bypass version (height + 100 mm) and over-ventilation.

### FIELD OF APPLICATION

- Heat recovery system with heat exchanger for multi-family housing
- Pre-heated and filtered incoming air
- For new and existing buildings

### INSTALLATION

Horizontal ceiling suspension:

- In false ceiling in equipment room.
- Fixed using Ø 8 mm threaded rod.

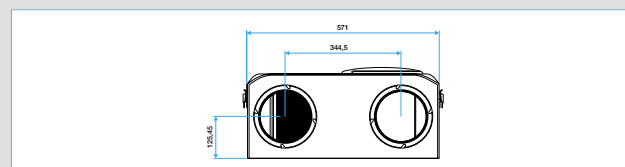
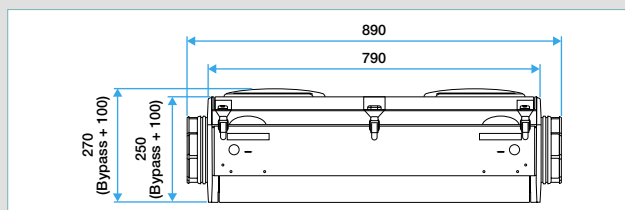
Vertical installation on wall:

- In cabinet or equipment room.
- Fixed with feet in floor mounting kit.
- Requires horizontal mounting kit.

### ACCESSORIES

Designation	Reference	Discount family
Floor fixing kit	11023144	01
Ceiling suspension kit	11023117	01
Horizontal wall mounting condensates kit	11023099	01
Set of 5 G4 ES300 COLL filters with bypass	11129762	80
Oblique exhaust cross-piece Ø160 / 3 x Ø125	11023042	21
Vertical wall mounting condensates kit	11129790	01
Set of 5 G4 ES300 COLL filters without bypass	11129761	80

### DIMENSIONS - WEIGHT



- Weight: 13 kg (no by-pass) and 14 kg (with by-pass)

### TECHNICAL DETAILS

- No electrical power supply (except for by-pass version).
  - Aluminium heat exchanger.
  - Version without by-pass: 2-speed control with 30 min timer for kitchen boost airflow and filter clogging indicator.
  - Version with by-pass: control box with 3 operating modes (30-min kitchen boost mode and over-ventilation) and filter clogging indicator.
- Please contact us for sizing and calculations.

### COMPOSITION

Composition of kit	Reference
Static heat exchanger Ceiling mounting brackets Condensation evacuation end-piece Anti-vibration mountings	11023242
Static heat exchanger with bypass Ceiling mounting brackets Condensation evacuation end-piece Anti-vibration mountings	11023243
Control for static exchanger without bypass	11023066
Control for static exchanger without bypass Control box for system with bypass	11023067
4 threaded rods, washers, nuts and plugs	11023117
4 support feet and screws	11023144

### FAN UNITS AND ASSOCIATED ACCESSORIES

- RMA.
- Dee Fly system without by-pass, use RMA D200 for air supply and RMA D125 in kitchen.
- Dee Fly system with by-pass, use RMA 2-piston on air supply and on exhaust.
- Air exhaust: fan in casing.
- Air supply: fan in casing.

## Dee Fly air exhaust and supply kits - self-balanced



Bap'Si terminal



BIO Design terminal

### RANGE

Designation	Reference	Discount family
<b>Algaie circular ductwork</b>		
2/3-bed self-balanced kit Ø 125 exhaust / Ø 80 Algaie air supply	11023228	01
Additional self-balanced exhaust kit Algaie Ø 125	11023229	01
Additional self-balanced air supply kit Algaie Ø 80	11023116	01
<b>Minigaine ductwork</b>		
2/3-bed self-balanced kit exhaust Ø 125 / Air supply Ø 80 Minigaine	11023230	01
Additional self-balanced extraction kit Minigaine Ø 125	11023231	01
Additional BIO air supply kit Minigaine Ø 80	11023079	01
<b>Optiflex ductwork</b>		
Self-balanced air supply/exhaust kit 2/3-bed Optiflex D75	11091966	01
Self-balanced bath/WC exhaust kit Optiflex D75	11091967	01
BIO air supply kit square duct D125 Optiflex D75	11091968	01
Set of 3 balancing plugs for BIO	11022063	01

### DESCRIPTION

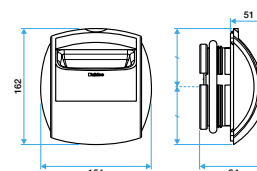
#### Air supply

- BIO Design rectangular adjustable-direction terminals.
- Wall or ceiling-mounted.
- Balancing plug for BIO Design terminal: adds 15-30 Pa pressure loss directly behind terminal to help adjust supply airflows.

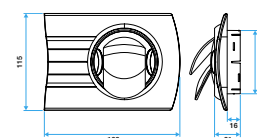
#### Extraction

- Bath/WC: BAP'Si Modulo self-balanced exhaust terminals.
- Kitchen: BIP exhaust terminal and auto-amplifier membrane.

### DIMENSIONS (MM)



Exhaust: Bap'Si



Rectangular BIO Design

### CONTENTS OF KITS

Composition of kit	Reference
<b>Kits for Minigaine ductwork</b>	
1 Kitchen vane terminal + auto-amplifier Ø 125 2 BAP'Si Modulo Ø 125 3 mixed bend connectors for EQ 125 terminals 5 BIO Design rectangular terminals Ø 80 5 mixed bend connectors EQ 80	11023230
1 BAP'Si Modulo Ø 125 1 mixed bend connector for EQ 125 grilles	11023231
1 BIO Design rectangular terminal Ø 80 1 mixed bend connector EQ 80	11023079
<b>Kits for Algaie</b>	
1 Kitchen vane terminal + auto-amplifier D125 2 BAP'Si Modulo Ø 125 3 Trident humidity-controlled sleeves Ø 125 5 BIO Design rectangular terminals Ø 80	11023228
1 BAP'Si Modulo Ø 125 1 Trident humidity-controlled sleeve Ø 125	11023229
1 BIO Design rectangular terminal Ø 80 1 Trident H140 black sleeve Ø 80	11023116
<b>Kits for Optiflex ductwork</b>	
2 BAP'Si S1 - Modulo S1 D125 5 BIO design square terminal + shaft Ø 125 8 sleeves optiflex D75 bent 2 spigots D125 1 Kitchen vane BIP + auto-amplificateur D125	11091966
1 Optiflex bent sleeve D75 2 branch connections D125 1 BAP'Si S1 - Modulo S1 D125	11091967
1 Optiflex bent sleeve D75 2 branch connections D125 1 BIO Design D125 square	11091968
<b>Kits for Optiflex</b>	
1 Kitchen vane terminal + auto-amplifier D125 2 BAP'Si Modulo terminals shaftless + shaft D116 5 BIO Design rectangular terminals D80 3 Optiflex bent sleeves Ø75 2 branch connections Ø125 5 T-piece bends D80 + 10 extensions D80 5 Collars D75	11023182
1 BAP'Si Modulo terminal shaftless + shaft D116 1 Optiflex bent sleeve Ø75 2 branch connections Ø125	11023181
1 BIO Design rectangular terminal D80 1 T-piece bend D80 + 2 extensions D80 1 Collar D75	11023180

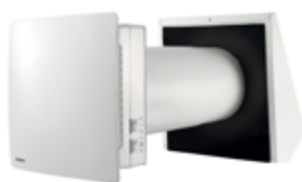


# Air purification and heat recovery ventilation

## Heat recovery for individual rooms



## NANO AIR 50



Nano Air 50



Remote Control

### ADVANTAGES

- Easier to install: No duct installation in the house.
- Quieter: Noise level incredibly low.
- More purified air: Thanks to its filtration system really effective against dusts, pollens and bugs.
- More comfort: Condition your indoor air with a low impact on consumption.

### COMPLIANCE(S)

- CE electrical safety.

### RANGE

Designation	Reference	Discount family	Energy class - Average climate - Text
NANO AIR 50	11023290	01	A

### OPERATION

In heat recovery mode, Nano Air 50 operates in two cycles, 70 seconds each.

- Cycle I : Warm stale air is extracted from the room.  
As it flows through the ceramic regenerator, it heats and moisturizes the regenerator to it. As the ceramic regenerator gets warmed up, the unit switches to supply mode.
- Cycle II : Fresh intake air flows through the regenerator and absorbs accumulated heat and humidity. When the ceramic regenerator is cooled down, the unit switched to the extract air mode.

### DESCRIPTION

- Single room Heat Recovery Ventilation unit.
- 3 possible speed modes.
- Airflow from 14 m³/h to 54 m³/h.
- 2 Pollen filters.
- EC Motor.
- Ceramic Heat Exchanger with efficiency up to 88%.
- Nano Air 50 is operated with a remote controller or the buttons on the ventilator casing:
  - Manually with three-position switches for more basic functionality,
  - With remote controller to provide wider control capabilities (night mode, humidity settings).
- Operating limits temperatures:
  - Ambient temperature range from -20 °C up to +50 °C and relative humidity up to 80%.
- 2 years warranty.

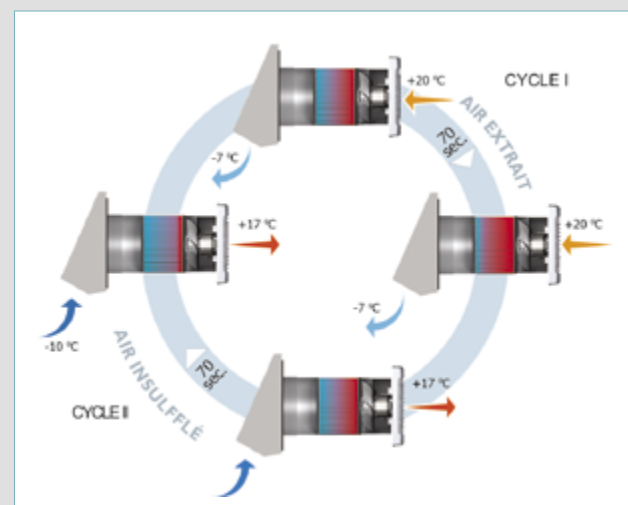
### FIELD OF APPLICATION

- General and permanent ventilation for dwellings.
- Single room heat recovery system.
- Ideal solution for renovation.

### ACCESSORIES

Designation	Reference	Discount family
Pollen filters	11023297	80
Finishing plate	11023298	01
Additional remote control	11100002	01

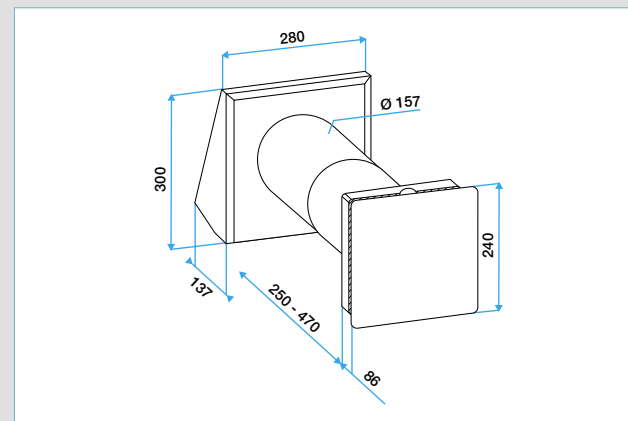
### OPERATION



### TECHNICAL DETAILS

- Power supply : 230 V - 50 Hz.
- Protection rating : IP 24

Speed settings	I	II	III
Airflow (m³/h)	14	28	54
Total fan power (W)	3.8	3.9	5.6
Sound power level at 3 m (dB(A))	19	22	29
Recovery efficiency	Up to 88 %		
Type of exchanger	Ceramic		



Dimensions (mm)

(1) Excluded from the Eco-design Regulation 327/2011 and Excluded from the Eco-design Regulation 1253/2014 for maximum power <30W.

# SELECTION GUIDE

## AIR PURIFICATION AND CENTRALISED MECHANICAL EXHAUST VENTILATION

EasyHOME® PureAIR - p.55

EasyHOME® Hygro - p.60

EasyHOME® Auto - p.68

### VENTILATION AND PURIFICATION



#### AIR PURIFICATION IS :

- An air renewal.
- Removing indoor air pollutants thanks to the CO<sub>2</sub>, VOC (Volatile Organic Compound) and H<sub>2</sub>O sensors.
- Filtering the incoming air to remove outside pollutants: bacteria, fine particles...

### Refurbishment

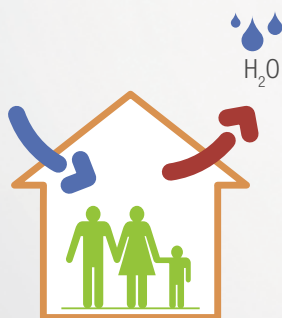


## SINGLE-FAMILY

Attics



### VENTILATION



#### VENTILATION IS :

- An air renewal, an evacuation of the indoor humidity.
- A fresh air inlet insured in the dwelling.

### Refurbishment

### New

EasyHOME® Hygro  
Classic



EasyHOME® Auto  
Classic



EasyHOME® Hygro  
Premium





## SINGLE OR MULTI-FAMILY

Compact : Multi-positions 

Classic      **EasyHOME® PureAIR Compact**      Premium      Connect<sup>®</sup>



**EasyHOME® Hygro Compact**  
Classic



**EasyHOME® Auto Compact**  
Classic



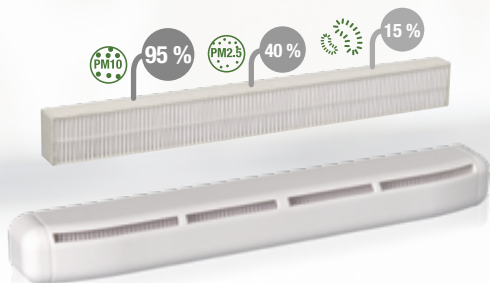
**EasyHOME® Hygro Compact**  
Premium





# AirFILTER®

THE FIRST AIR INLET THAT FILTERS THE  
INCOMING AIR IN THE HOUSE FOR AN  
OPTIMAL AIR QUALITY.



- AirFILTER® contains a filter that absorbs external pollutants.
- With universal fixing base, AirFILTER® can be installed on any type of windows.
- The orientation of the air jet towards the ceiling gives improved acoustic performance.
- The control of filter cluttering and the order of new filters is possible directly from AldesConnect™ app.

#HealthyLiving





## CMEV with Air Purification

### Air purification : EasyHOME® PureAIR solution *The 1st multi-pollutants detection air purification system.*



EasyHOME® PureAIR Compact



AirFILTER®



ColorLINE®

#### Detected pollutants :



## DESCRIPTION

**EasyHOME® PureAIR** is a centralised ventilation and air purification solution for refurbishment projects.

Incoming air is filtered by the AirFILTER® air inlets to remove fine particles and bacteria.

**Indoor air is extracted to remove CO2, VOC and humidity from inside.**

**EasyHOME® PureAIR** is fitted with multi-pollutant sensors which detect pollution in indoor air and automatically adapt the purification airflow.

Contaminated air is efficiently removed, ensuring optimal air quality inside the dwelling.

#### • Filtration of incoming air:

AirFILTER®, the first air inlet which filters incoming air (fine particles, bacteria etc.) for optimal air quality.

#### • Multi-pollutant sensors:

**EasyHOME® PureAIR** is fitted with multi-pollutant sensors to detect and remove pollution from the dwelling. Lots of visitors or something burnt in the kitchen? The «Guest» AND «Kitchen/Bath Boost» modes enable quick air purification to deliver constant well-being.

#### • Multi-ducting compatibility

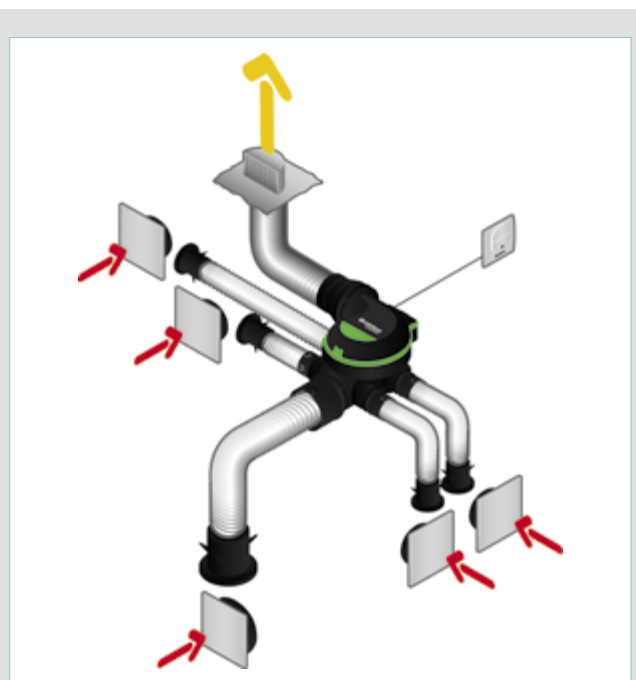
**EasyHOME® PureAIR** is the first unidirectional range compatible with both semi-rigid ducts (Optiflex) and flexible ducts (Algaïne) for a reliable, airtight and efficient system.

#### • Easiest solution to install:

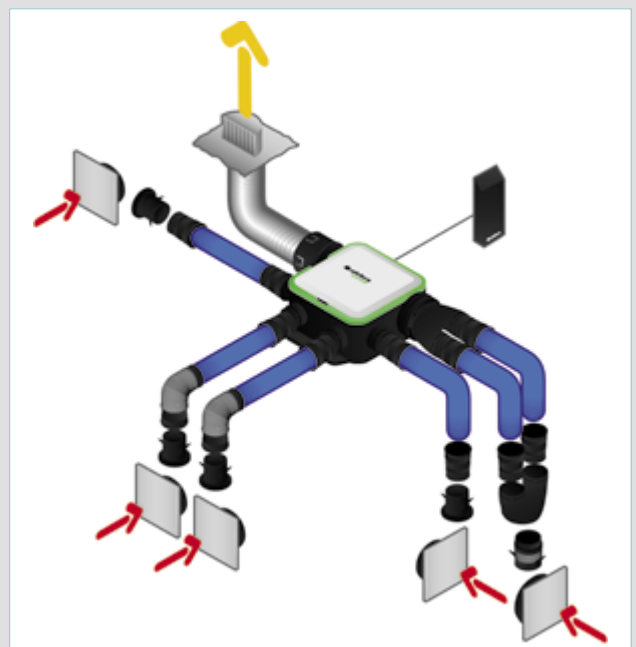
2 screws are sufficient to fix **EasyHOME® PureAIR Compact** to the wall, the ceiling, the floor or an inclined surface. Its pictograms and simplified electrical connections make installation totally intuitive.

## DIMENSIONING OF AIRFILTER® AIR INLETS

Housing type	Bedroom	Living-room
from 2 to 7 rooms	1 AirFILTER®	2 AirFILTER®



EasyHOME® PureAIR solution in attic with Algaïne ducting



EasyHOME® PureAIR Compact solution in suspended ceiling with Optiflex ducting

# EasyHOME® PureAIR COMPACT Premium MW & Connect



EasyHOME® PureAIR COMPACT



EasyHOME® PureAIR PREMIUM

## RANGE

Designation	Reference	Discount family
<b>Unit only</b>		
EasyHOME® PureAIR COMPACT PREMIUM unit	11033059	01
EasyHOME® PureAIR COMPACT PREMIUM CONNECT unit (+ Aldes Connect™ Box)	11033061	01
<b>Kit with ColorLine grilles and AirFilter air inlets</b>		
EasyHOME® PureAIR COMPACT PREMIUM + ColorLINE ventilation grilles + Air inlets kit	11033060	01
EasyHOME® PureAIR COMPACT CONNECT + ColorLINE ventilation grilles + AirFilter air inlets kit	11033062	01

## FIELD OF APPLICATION

EasyHOME® PureAIR is a centralised ventilation and air purification solution. EasyHOME® PureAIR COMPACT Connect monitors the quality of the air you breathe, 24 hours a day. It filters incoming air, detects VOC, CO2 and humidity. It automatically and efficiently removes contaminated air from inside your dwelling, thanks to 4 purification modes.

- **PureAIR system**
  - Filtration of incoming air thanks to AirFilter® air inlets.
  - Automatic control of purification airflow according to pollutant levels (VOC, CO2 and H2O) detected by the unit.
- **AirFilter® air inlets:**
  - Built-in filter.
  - Filtration efficiency: 95% fine particles 10 µm.
  - Filter lifetime monitored via AldesConnect™ app.
- **The PureAIR COMPACT Connect group features 4 operating modes:**
  - **HOLIDAY\* mode:** Minimum air renewal while you are absent.
  - **AUTO Daily mode:** Automatically adapts the fan speed to the quantity of pollutants detected.
  - **KITCHEN/BATH BOOST mode:** Automated high speed mode to deal with increased humidity in kitchen or bathroom.
  - **GUEST\* mode:** Maximum speed in case of high CO2 content due to increased occupant count.

These four modes can be controlled from the AldesConnect™ app and can also be programmed.

\* HOLIDAY and GUEST modes are accessible as optional extras on the EasyHOME® PureAIR Premium unit, by adding an Aldes Connect Box modem.

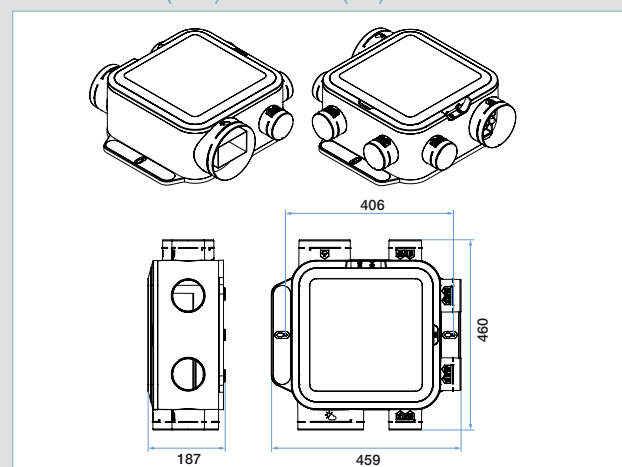
## ADVANTAGES

- VOC, CO2 and H2O sensors.
- Connected solution offering 4 purification modes and remote control. Real-time monitoring of indoor and outdoor air quality.
- Filtration of incoming air by AirFilter® air inlets.
- Seamless integration with interior decoration thanks to ColorLINE® grilles.
- Simple to integrate (<19 cm) and ultra-fast installation.
- Ultra-silent: as low as 21 dB(A).

## COMPLIANCE(S)

- CE electrical safety.
- WEEE recycling compliant.
- ErP<sup>(1)</sup>.
- SAP-PCDB listed (version PREMIUM MW).

## DIMENSIONS (MM) - WEIGHT (KG)



- Weight (unit only): 3.9 kg.

## ACOUSTIC DETAILS

- Unit acoustic power: 30 dB(A) at 100 m³/h in DAILY mode.
- Acoustic pressure at the kitchen grille level in DAILY mode, 2 metres away from the grille: ≥ 21 dB(A).

## CONTENTS OF KITS

	Kit EasyHOME® PureAIR COMPACT Connect	Kit EasyHOME® PureAIR COMPACT Premium	EasyHOME® PureAIR COMPACT Premium (unit only)
<b>Reference</b>	<b>11033062</b>	<b>11033060</b>	<b>11033059</b>
EasyHOME® PureAIR COMPACT Premium unit	1 (Grey cover)	1 (Black cover)	
COV/CO2 detection	1	1	1
H2O detection	3	3	3
Calibrated hole for kitchen	1	1	1
Calibrated hole for bathroom	2	2	2
Calibrated hole for WC	2	2	2
ColorLINE grille Ø125 mm white + sleeve	1	1	
ColorLINE grille Ø80 mm white + sleeve	2	2	
AirFilter® air inlet + Rainhood	4	4	
AldesConnect™ Box	1		
Ø80 mm cap	2	2	2
EasyCLIP Algaine Ø 80 mm	2	2	
EasyCLIP Algaine Ø 125 mm	1	1	
EasyCLIP Algaine Ø 160 mm	1	1	

<sup>(1)</sup> Complies with eco-design regulation 1253/2014 and energy labelling regulation 1254/2014. Energy class scale: see ErP regulation page.





# EasyHOME® PureAIR COMPACT Premium MW & Connect



## DESCRIPTION

- COMPACT units made of recyclable plastic.
- Number of branch connections:
  - 1 x Ø125 kitchen,
  - 4 x Ø80 sanitary areas,
  - 1 x Ø160 discharge.
- Extract airflow rates regulated according to levels of pollutants detected by unit: 1 electronic VOC/CO2 sensor located on the fan and 3 remote H2O sensors in the kitchen and bathroom connections.
- Multi-speed, low-energy EC motor. Operating speed is determined by the level of pollutants.
- Connectivity:
  - EasyHOME® PureAir Connect is supplied with the Aldes Connect Box for real-time monitoring of outdoor and indoor air, as well as remote control via the AldesConnect™ smartphone app.
  - EasyHOME® PureAIR Premium can be connected at a later time when purchasing an Aldes Connect Box modem.

## OPERATION

- Connected unidirectional ventilation and air purification solution for individual house or apartment.
- Refurbishment.
- Creation of an installation or replacement of existing ventilation.
- Connects 1 kitchen and up to 4 sanitary areas.

## INSTALLATION

- Multi-position fitting: wall, ceiling, floor, inclined surface.
- Just 2 fastening screws and built-in anti-vibration strips.
- Ultra-flat < 19 cm.
- Pictograms to aid assembly included on unit and accessories.
- Quick-connect electric terminal block.
- Duct connections to unit:
  - Ø125 mm in kitchen,
  - Ø80 mm in bathroom and WC,
  - Ø160 for discharge.
- Simplified connection of flexible ducting thanks to EasyCLIP Algaine system supplied (connector + quick-fit collar).
- Compatible with Optiflex semi-rigid ducts, thanks to new accessories exclusive to Aldes (optional extras) for long-term airtight efficiency.

## ACCESSORIES

Designation	Reference	Discount family
CMEV Push button	11026011	01
Easy Clip sleeve + collar Ø80 mm	11033011	80
Discharge adapter EasyHOME® Ø160/125 mm	11026025	01
Aldes Connect Box	11023386	20

- CMEV push button for manual control of BATHROOM / KITCHEN BOOST mode, in addition to automatic mode.
- Connection of additional sanitary area: a ColorLINE® ventilation grille and a Ø80 sleeve suffice.
- EasyCLIP Algaine Ø80 accessories: quick-fit connectors and collars for flexible ducting.
- EasyCLIP Optiflex accessories to connect EasyHOME® to semi-rigid ducts: see Optiflex Ø90 range.
- Aldes Connect™ Box: modem for use with EasyHOME® PureAIR Premium, serves to monitor and control indoor air quality remotely.

## TECHNICAL DETAILS

- Maximal power consumption: 85 W.
- Average power consumption for a 3 bedroom dwelling, in DAILY mode, low speed (1 bathroom + 1 WC): 7 W-Th-C.
- Electrical tension: 230 V - 50 Hz single-phased.
- Maximum intensity: 0.7 A.
- Unit classification: IPX2.

## FITTING



## EasyHOME® PureAIR Classic



### RANGE

Designation	Reference	Discount family
EasyHOME® PureAIR CLASSIC unit	11033055	01
EasyHOME® PureAIR CLASSIC + ColorLINE ventilation grilles + AirFILTER air inlets kit	11033056	01

### OPERATION

EasyHOME® PureAIR Classic detects VOC and humidity, with 2 operating modes:

- AUTO daily mode: Low speed offering air renewal suited to the ventilation needs of the room (kitchen, bathroom, WC).
- KITCHEN/BATH BOOST mode: Automated high speed in kitchen and bathroom when the indoor VOC and humidity rates rise. This boost mode can also be controlled manually by connecting a push button.

### DESCRIPTION

- ATTIC unit made of recyclable plastic material:
  - 1 x Ø125 kitchen,
  - 4 x Ø80 sanitary areas,
  - 1 x Ø160/125 discharge.
- Extract airflow rates regulated according to levels of pollutants detected by VOC and H2O sensors on the fan.
- 2-speed AC motor.

### INSTALLATION

- Suspended mounting in attics with the provided cord.
- Pictogram reminders on the unit for an easier installation and accessories mounting.
- Fast connection electrical terminal.
- Flexible ducts connection directly on the unit with:
  - Ø125 mm in the kitchen,
  - Ø80 mm in the bathroom and WC,
  - Ø160 or Ø125 for the discharge outlet, thanks to the included adapter.

### FIELD OF APPLICATION

- Unidirectional ventilation and air purification solution for individual house.
- Refurbishment.
- Creation of an installation or replacement of existing ventilation.
- Connects 1 kitchen and up to 4 sanitary areas.

### ACCESSORIES

Designation	Reference	Discount family
Easy Clip sleeve + collar Ø125 mm	11033010	80
Easy Clip sleeve + collar Ø80 mm	11033011	80
Easy Clip sleeve + collar Ø160 mm	11033016	80
CMEV push button	11026011	01

- EasyCLIP Algaie system: quick-fit connectors and collars for flexible ducting.
- CMEV Push Button for manual control of BATHROOM / KITCHEN BOOST mode.
- Connection of additional sanitary area: a ColorLINE® ventilation grille and a Ø80 sleeve suffice.

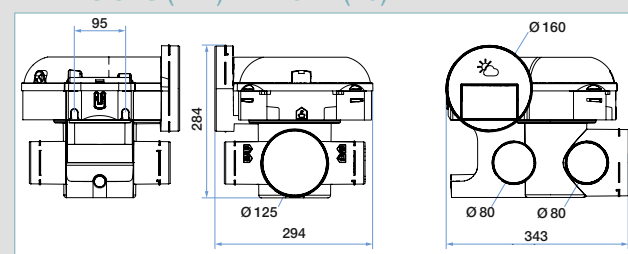
### ADVANTAGES

- VOC and H2O electronic sensors.
- Outside air filtration thanks to AirFILTER® air inlets.
- Perfect fitting in all interiors decoration thanks to ColorLINE® design grilles.
- Easiest to install.
- Silent: from 26 dB(A).

### COMPLIANCE(S)

- CE electrical safety.
- WEEE recycling compliant.
- ErP<sup>(1)</sup>.

### DIMENSIONS (MM) - WEIGHT (KG)



- Weight (unit only): 2,8 kg.

### ACOUSTICS DETAILS

- Unit acoustic power: 41 dB(A) at 100 m³/h in DAILY mode.
- Acoustic pressure at the kitchen grille level in DAILY mode, 2 metres away from the grille: ≥ 26 dB(A).

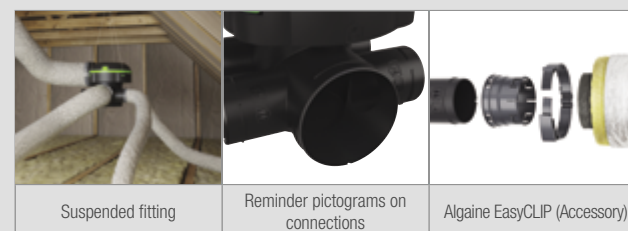
### CONTENTS OF KITS

	Kit EasyHOME® PureAIR Classic	EasyHOME® PureAIR Classic (unit only)
Reference	11033056	11033055
EasyHOME® PureAIR Classic unit	1	1
Connection with Auto ampli for kitchen	1	1
Connection with Auto ampli for bathroom	2	2
Connection with Regulator for WC	2	2
COV detection	1	1
H <sub>2</sub> O detection	1	1
ColorLINE grille Ø125 mm white + sleeve	1	
ColorLINE grille Ø80 mm white + sleeve	2	
AirFILTER® air inlet + Rainhood	4	
Discharge adapter Ø160/125 mm	1	1
Ø80 cap	2	2
Suspension cord	1	1

### TECHNICAL DETAILS

- Maximal power consumption Daily mode/Boost mode: 14 W/ 26 W.
- Average power consumption for a 3 bedroom dwelling (1 bathroom + 1 WC): 14 W-Th-C.
- Electrical tension: 230 V - 50 Hz single-phased.
- Maximum intensity: 0.2 A.
- Unit classification: IPX2.

### FITTING



(1) In accordance with ecodesign regulation 1253/2014 and out of the scope of energy labelling 1254/2014 regulation because of max power <30W.

# EasyHOME® PureAIR COMPACT Classic

**SAP  
PCDB**



## RANGE

Designation	Reference	Discount family
EasyHOME® PureAIR COMPACT CLASSIC unit	11033057	01
EasyHOME® PureAIR COMPACT CLASSIC + ColorLINE ventilation grilles + AirFILTER air inlets kit	11033058	01

## OPERATION

EasyHOME® PureAIR COMPACT Classic detects VOC and humidity, with 2 operating modes:

- AUTO daily mode: Low speed offering air renewal suited to the ventilation needs of the room (kitchen, bathroom, WC).
- KITCHEN/BATH BOOST mode: Automated high speed in kitchen and bathroom when the indoor VOC and humidity rates rise. This boost mode can also be controlled manually by connecting a push button.

## DESCRIPTION

- COMPACT unit made of recyclable plastic material:
  - 1 x Ø125 kitchen.
  - 4 x Ø80 sanitary areas.
  - 1 x Ø160/125 discharge.
- Extract airflow rates regulated according to levels of pollutants detected by VOC and H2O sensors on the fan.
- 2-speed AC motor.

## INSTALLATION

- Multi-positions mounting: wall, ceiling, floor and inclined plane.
- 2 Fixing screws only and integrated anti-vibration strips.
- Extra flat <19 cm.
- Reminder pictograms on the unit for an easier installation and accessories mounting.
- Fast connection electrical terminal.
- Flexible ducts connection directly on the unit with:
  - Ø125 mm in the kitchen.
  - Ø80 mm in the bathroom and WC.
  - and Ø160 or Ø125 for the discharge outlet, thanks to the included adapter.

## FIELD OF APPLICATION

- Unidirectional ventilation and air purification solution for individual house or apartment.
- Refurbishment.
- Creation of an installation or replacement of existing ventilation.
- Connects 1 kitchen and up to 4 sanitary areas.

## ACCESSORIES

Designation	Reference	Discount family
Easy Clip sleeve + collar Ø125 mm	11033010	80
Easy Clip sleeve + collar Ø80 mm	11033011	80
Easy Clip sleeve + collar Ø160 mm	11033016	80
CMEV push button	11026011	01

- EasyCLIP Algaie system: quick-fit connectors and collars for flexible ducting.
- CMEV Push Button for manual control of BATHROOM / KITCHEN BOOST mode.
- Connection of additional sanitary area: a ColorLINE® ventilation grille and a Ø80 sleeve suffice.

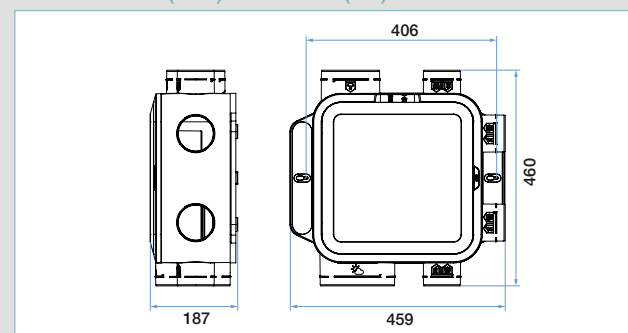
## ADVANTAGES

- VOC and H2O electronic sensors.
- Outside air filtration thanks to AirFILTER® air inlets.
- Perfect fitting in all interiors decoration thanks to ColorLINE® design grilles.
- Easy integration <19 cm and ultra-fast installation.
- Silent: from 22 dB(A).

## COMPLIANCE(S)

- CE electrical safety.
- WEEE recycling compliant.
- ErP<sup>(1)</sup>.
- SAP-PCDB listed.

## DIMENSIONS (MM) - WEIGHT (KG)



- Weight (unit only): 3.7 kg.

## ACOUSTIC DETAILS

- Unit acoustic power: 39 dB(A) at 100 m³/h in DAILY mode.
- Acoustic pressure at the kitchen grille level in DAILY mode, 2 metres away from the grille: ≥ 22 dB(A).

## CONTENTS OF KITS

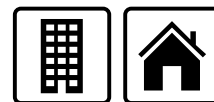
	Kit EasyHOME® PureAIR Compact Classic	Groupe EasyHOME® PureAIR Compact Classic
<b>Reference</b>	<b>11033058</b>	<b>11033057</b>
EasyHOME® PureAIR Classic unit	1	1
Connection with Auto ampli for kitchen	1	1
Connection with Auto ampli for bathroom	2	2
Connection with Regulator for WC	2	2
COV detection	1	1
H <sub>2</sub> O detection	1	1
ColorLINE grille Ø125 mm white + sleeve	1	
ColorLINE grille Ø80 mm white + sleeve	2	
AirFILTER® air inlet + Rainhood	4	
Discharge adapter Ø160/125	1	1
Ø80 cap	2	2

## TECHNICAL DETAILS

- Maximal power consumption DAILY mode / BOOST mode: 14 W / 26 W.
- Average power consumption for a 3 bedroom dwelling (1 bathroom + 1 WC): 14 W-Th-C.
- Electrical tension: 230 V - 50 Hz single-phased.
- Maximum intensity: 0.2 A.
- Unit classification: IPX2.

(1) In accordance with ecodesign regulation 1253/2014 and out of the scope of energy labelling 1254/2014 regulation because of max power <30W.





### Humidity-controlled CMEV : EasyHOME® Hygro solution

*The first efficient solution offering 100% multi-ducting compatibility.*



EasyHOME® Hygro Compact



Bahia Curve

Detected  
pollutants



#### DESCRIPTION

With **EasyHOME® Hygro**, the air renewal rate automatically adapts to the humidity level or the presence of occupants to deliver ventilation that matches your requirements.

Airflow rates at terminals are reduced to a minimum during absence in order to limit pointless heat loss.

When the humidity level rises inside (due to breathing, showers, cooking etc.), the ventilation airflow is increased.

Airflow is controlled in each room through humidity-controlled air inlets and terminals.

- **Detection and evacuation of ambient humidity:**

Whatever the number of people in the dwelling or their level of activity, **EasyHOME® Hygro** delivers ventilation to match your requirements.

- **Multi-ducting compatibility:**

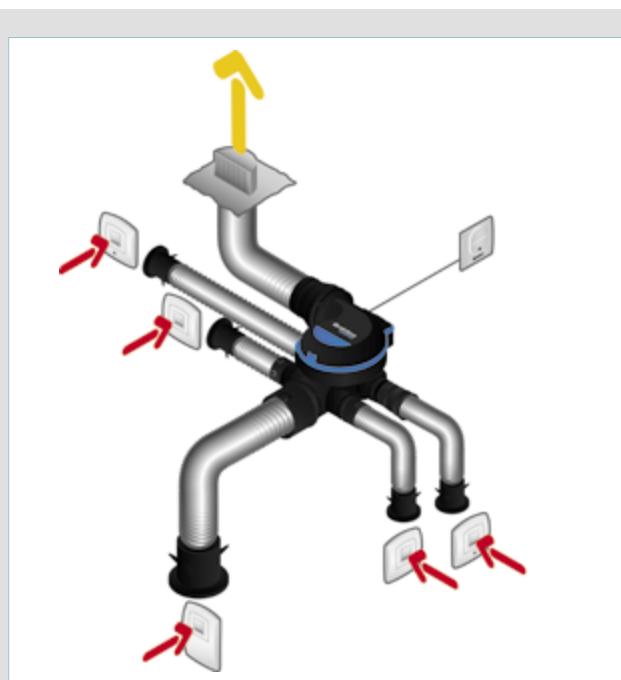
Exclusive to Aldes, EasyHOME® Hygro is the first unidirectional solution compatible with both semi-rigid ducts (Optiflex) and flexible ducts (Algaïne) for a reliable, airtight and efficient system.

- **Easiest solution to install:**

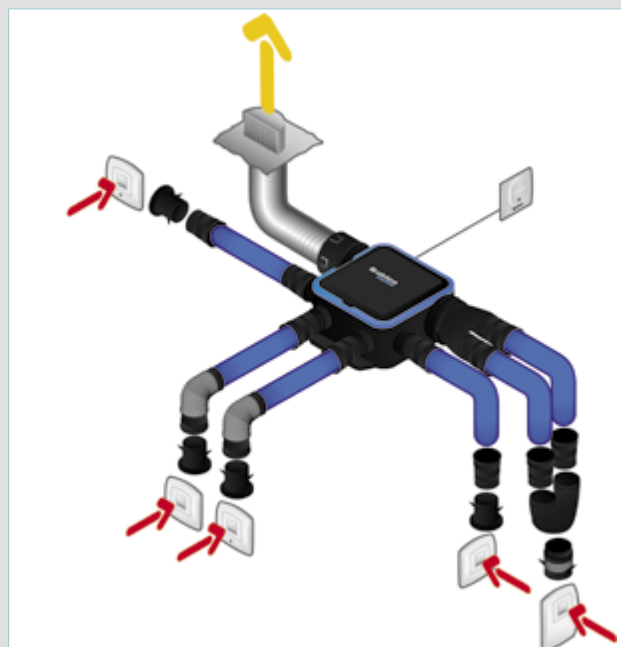
Installing **EasyHOME® Hygro** is simple and intuitive thanks to its pictograms and simplified electrical connection. The Attic version can be suspended to prevent the transmission of vibrations and just two screws are sufficient to fix the Compact version in place.

- **Energy savings:**

The Aldes energy-efficient micro-Watt motor enables **EasyHOME® Hygro** Premium to generate savings and prevent pointless heat losses by adapting to the pace of your lifestyle.



EasyHOME® Hygro solution in attic with Algaïne ducting



EasyHOME® Hygro Compact solution in suspended ceiling with Optiflex ducting

# EasyHOME® HYGRO Premium MW



## RANGE

Designation	Reference	Discount family
<b>Unit only</b>		
EasyHOME® Hygro PREMIUM MW unit	11033033	01
EasyHOME® Hygro PREMIUM HP unit	11033046	01
EasyHOME® Hygro PREMIUM SP unit	11033066	01
<b>Unit + Bahia Curve grilles kit</b>		
EasyHOME® Hygro PREMIUM MW + BAHIA Curve ELEC terminals kit	11033034	01
EasyHOME® Hygro PREMIUM MW + BAHIA Curve CORD terminals kit	11033036	01
EasyHOME® Hygro PREMIUM HP + BAHIA Curve ELEC terminals kit	11033047	01

## OPERATION

EasyHOME® HYGRO renews your indoor air and removes ambient humidity to match your requirements.

Humidity-controlled air inlets and terminals detect the humidity level or occupancy in each room to ensure the ventilation airflow automatically adapts to the pace of your lifestyle.

## DESCRIPTION

- ATTIC unit made of recyclable plastic material.
- Number of branch connections:
  - 2 x Ø125 kitchen and sanitary areas,
  - 5 x Ø80 sanitary areas,
  - 1 x Ø160 discharge.
- Extract airflow rates regulated by humidity-controlled terminals, according to ambient humidity.
- EC low-energy motor:
  - MW version (Micro-Watt): 1 speed.
  - HP version (High Pressure): 2 speeds with 2 pressure levels, adjustable on site by fitter according to ductwork pressure loss.
  - SP version (Seven speeds): up to 7 speeds available. Setting of the pressure on-site to adapt to the installation.
- Hygro B kits supplied with electrically-powered (ELEC) Bahia Curve humidity-controlled terminals or with cord-pull manual controls (CORD).

## FIELD OF APPLICATION

- Unidirectional humidity-controlled CMEV for individual house.
- New builds and refurbishment.
- Connects 1 kitchen and up to 7 sanitary areas.
- MW version (Micro-Watt): standard solution for installations requiring short ductwork.
- HP version (High Pressure) solution that adapts to the installation and guarantees suitable airflow rates at terminals through a choice of 2 pressure levels. Suitable for big houses, multiple-storey houses, long and complicated ductwork.
- SP version (Seven Speeds) solution that adapts to the installation and guarantees suitable airflow rates at terminals through a choice of 7 pressure levels. This offer is adapted to the European market.

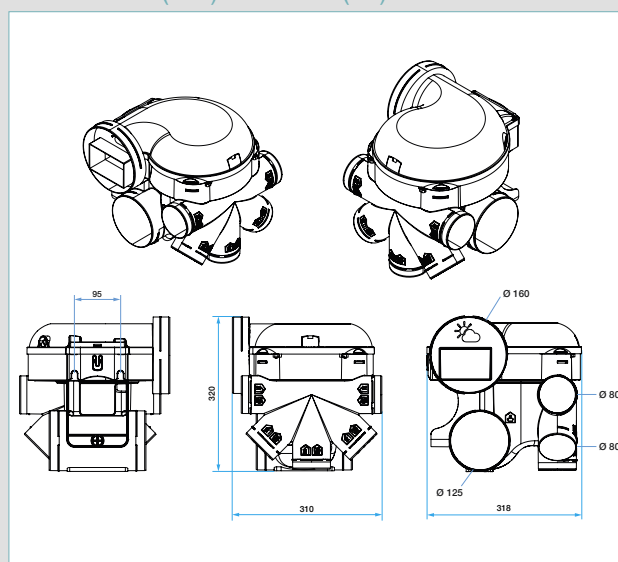
## ADVANTAGES

- Ventilation to match your needs thanks to detection of humidity.
- Multi-ducting compatibility: new exclusive accessories for Optiflex semi-rigid ducting.
- Energy savings thanks to very low power consumption by motor.
- Silent-running: as low as 31 dB(A).
- Exists in High Pressure version with adjustment on-site.

## COMPLIANCE(S)

- CE-compliant.
- WEEE recycling compliant.
- ErP<sup>(1)</sup>.
- SAP-PCDB listed (SP version).

## DIMENSIONS (MM) – WEIGHT (KG)



- Weight (unit only): 2.7 kg

## CONTENTS OF KITS

	Kit EasyHOME® Hygro Premium MW ELEC	Kit EasyHOME® Hygro Premium MW CORD	Kit EasyHOME® Hygro Premium HP
<b>Reference</b>	<b>11033034</b>	<b>11033036</b>	<b>11033047</b>
EasyHOME® Hygro Premium unit	MW unit		HP unit
Kitchen grille C21 PUSH Ø125 + sleeve	1		1
Bathroom grille B21 Ø80 + sleeve	1	1	1
WC grille W13 PRES Ø80 + sleeve	1		1
Bouche cuisine C21 CORD Ø125 + sleeve		1	
WC grille W13 CORD Ø80 + sleeve		1	
Suspension cord	1	1	1
Ø80 mm cap	3	3	3
Ø125/80 mm cap	1	1	1
EasyCLIP Algaine Ø125 mm	1	1	1
EasyCLIP Algaine Ø80 mm	2	2	2
EasyCLIP Algaine Ø160 mm	1	1	1

(1) Complies with eco-design regulation 1253/2014 and energy labelling regulation 1254/2014.



### EasyHOME® HYGRO Premium MW



#### INSTALLATION

- Suspended attachment in attic with cord supplied.
- Quick-connect electric terminal block.
- Duct connections to unit:
  - Ø125 mm in kitchen.
  - Ø80 mm in bathroom, WC and shower.
  - Ø160 for discharge.
  - second Ø125 mm branch for in-line connection of up to 2 additional sanitary areas.
- Compatible with all types of duct:
  - Algaie flexible ducts, Optiflex semi-rigid ducts (EasyCLIP Optiflex accessories available as optional extras).
  - Minigaine rigid ducts.
 Insulate ducting outside the heated room.
- PUSH kitchen and WC PRESENCE terminals powered by battery (alkaline 9V, type LR61 not supplied).
- Simplified connection of flexible ducts to unit thanks to EasyCLIP Algaie system supplied (connector + quick-fit collar).
- Compatible with Optiflex semi-rigid ducts, thanks to new accessories exclusive to Aldes (optional extras) for long-term airtight efficiency.

#### ACCESSORIES

Designation	Reference	Discount family
CMEV push button	11026011	01
Wall mounting kit	11033015	80
Easy Clip sleeve + collar Ø80 mm	11033011	80
Easy Clip sleeve + collar Ø125 mm	11033010	80

- CMEV push button to control the Bahia Curve PUSH kitchen terminal.
- Wall mounting kit containing 3 silent blocks and 2 screws.
- Connection of supplementary sanitary area: see BAHIA terminal kits for Algaie or for Optiflex.
- EasyCLIP Algaie Ø80 and Ø125 accessories: quick-fit connectors and collars for flexible ducting.
- EasyCLIP Optiflex accessories used to connect EasyHOME® to semi-rigid ducts: see Optiflex Ø90 range.

#### ACOUSTIC DETAILS

##### EasyHOME® HYGRO Premium MW:

- Sound power at kitchen terminal: 35 dB(A)
- Sound power at kitchen terminal, at 2 metres:  $\geq 30$  dB(A)

##### EasyHOME® HYGRO Premium HP and SP:

Speed setting 3 / setting 4:

- Acoustic power at kitchen terminal: 37 dB(A) / 38 dB(A).
- Acoustic pressure at kitchen terminal, at 2 metres:  $\geq 32$  dB(A) /  $\geq 33$  dB(A).

#### INSTALLATION



#### TECHNICAL DETAILS

- Voltage: 230 V - 50 Hz single-phase.
- Unit protection rating: IPX2.

##### EasyHOME® HYGRO Premium MW:

- Max. power consumed: 35 W.
- Average consumption for 3 bedroom dwelling (1 bath + 1 WC): 7.2 W-Th-C.
- Max. current: 0,25 A.

##### EasyHOME® HYGRO Premium HP:

- Max. power consumed: 85 W.
- Average consumption for 3 bedroom dwelling (1 bath + 1 WC): 11.9 W-Th-C.
- Max. current: 0.6 A.

##### EasyHOME® HYGRO Premium SP:

- Max. power consumed: 85 W.
- Average consumption for 3 bedroom dwelling (1 bath + 1 WC): 11.9 W-Th-C.
- Max. current: 0.6 A.

# EasyHOME® HYGRO COMPACT Premium MW



## RANGE

Designation	Reference	Discount family
<b>Unit only</b>		
EasyHOME® Hygro Compact PREMIUM MW unit	11033050	01
EasyHOME® Hygro Compact PREMIUM HP unit	11033052	01
EasyHOME® Hygro Compact PREMIUM SP unit	11033053	01
<b>Unit + Bahia Curve grilles Kit</b>		
EasyHOME® Hygro Compact PREMIUM MW + BAHIA Curve ELEC terminals kit	11033051	01
EasyHOME® Hygro Compact PREMIUM HP + BAHIA Curve ELEC terminals kit	11033054	01
EasyHOME® Hygro Compact PREMIUM 6P (6 connectors) + BAHIA Curve ELEC terminals kit	11033067	01

## OPERATION

EasyHOME® HYGRO renews your indoor air and removes ambient humidity to match your requirements.

Humidity-controlled air inlets and terminals detect the humidity level or occupancy in each room to ensure the ventilation airflow automatically adapts to the pace of your lifestyle.

## DESCRIPTION

- COMPACT unit made of recyclable plastic material.
- Number of branch connections:
  - 1 x Ø125 kitchen.
  - 4 x Ø80 sanitary areas.
  - 1 x Ø160 discharge.
- Extract airflow rates regulated by humidity-controlled terminals, according to ambient humidity level.
- EC low-energy motor:
  - MW version (Micro-Watt): 1 speed.
  - HP version (High Pressure): 2 speeds with 2 pressure levels, adjustable on site by fitter according to ductwork pressure loss.
  - SP version (Seven speeds): up to 7 speeds available. Setting of the pressure on-site to adapt to the installation.
- Hygro B kits supplied with electrically-powered (ELEC) Bahia Curve humidity-controlled terminals.

## FIELD OF APPLICATION

- Unidirectional humidity-controlled CMEV for individual house.
- New builds and refurbishment.
- Connects 1 kitchen and up to 4 sanitary areas (or 6 with 6P EasyHOME kit).
- MW version (Micro-Watt): standard solution for installations requiring short ductwork.
- HP version (High Pressure) solution that adapts to the installation and guarantees suitable airflow rates at terminals through a choice of 2 pressure levels. Suitable for big houses, multiple-storey houses, long and complicated ductwork.
- SP version (Seven Speeds) solution that adapts to the installation and guarantees suitable airflow rates at terminals through a choice of 7 pressure levels. This offer is adapted to the European market.

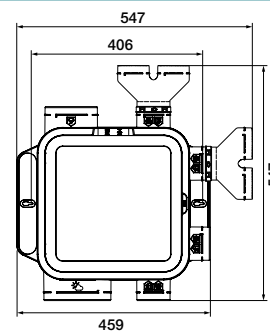
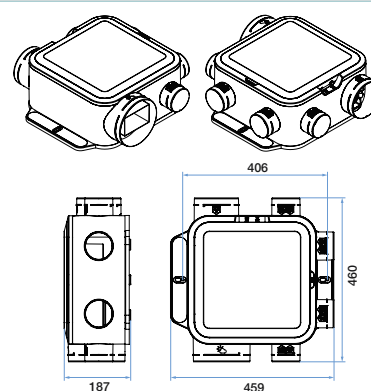
## ADVANTAGES

- Ventilation to match your needs thanks to detection of humidity.
- Multi-ducting compatibility: new accessories for Optiflex semi-rigid ducting.
- Simple to integrate <19 cm and ultra-fast installation.
- Silent-running: as low as 31 dB(A).
- Exists in High Pressure version with adjustment on-site.

## COMPLIANCE(S)

- CE-compliant.
- WEEE recycling compliant.
- ErP<sup>(1)</sup>.
- SAP-PCDB listed (SP version).

## DIMENSIONS (MM) – WEIGHT (KG)



Dimensions for 6P version (6 connectors)

- Weight (unit only): 3.6 kg

## CONTENTS OF KITS

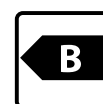
	Kit EasyHOME® Hygro COMPACT Premium MW	Kit EasyHOME® Hygro COMPACT Premium HP	Kit EasyHOME® Hygro COMPACT 6P Premium
<b>Reference</b>	<b>11033051</b>	<b>11033054</b>	<b>11033067</b>
EasyHOME® Compact Hygro Premium unit	MW unit	HP unit	MW unit
Kitchen grille C21 PUSH Ø125 + sleeve	1	1	1
Bathroom grille B21 Ø80 + sleeve	1	1	1
WC grille W13 PRES Ø80 + sleeve	1	1	1
Ø80 mm cap	2	2	2
EasyCLIP Algaine Ø125 mm	1	1	1
EasyCLIP Algaine Ø80 mm	2	2	2
EasyCLIP Algaine Ø160 mm	1	1	1
Y-piece 1x Ø80 / 2x Ø80 mm	-	-	2

(1) Complies with eco-design regulation 1253/2014 and energy labelling regulation 1254/2014.





### EasyHOME® HYGRO COMPACT Premium MW



#### INSTALLATION

- Multi-position fitting: wall, ceiling, floor, inclined surface.
- Just 2 fastening screws and built-in anti-vibration strips.
- Ultra-flat < 19 cm.
- Pictograms to aid assembly included on unit.
- Quick-connect electric terminal block.
- Duct connections to unit:
  - Ø125 mm in kitchen.
  - Ø80 mm in bathroom, WC and shower.
  - Ø160 for discharge.
- Compatible with all types of duct:
  - Algaine flexible ducts, Optiflex semi-rigid ducts (EasyCLIP Optiflex accessories available as optional extras).
  - Minigaine rigid ducts.
 Insulate ducting outside the heated room.
- PUSH kitchen and WC PRESENCE terminals powered by battery (alkaline 9V, type LR61 not supplied).
- Simplified connection of flexible ducts to unit thanks to EasyCLIP Algaine system supplied (connector + quick-fit collar).
- Compatible with Optiflex semi-rigid ducts, thanks to new accessories exclusive to Aldes (optional extras) for long-term airtight efficiency.

#### ACCESSORIES

Designation	Reference	Discount family
CMEV push button	11026011	01
Easy Clip sleeve + collar Ø80 mm	11033011	80
Easy Clip sleeve + collar Ø125 mm	11033010	80

- CMEV push button to control the Bahia Curve PUSH kitchen terminal.
- Connection of additional sanitary area: see BAHIA terminal kits for Algaine or for Optiflex.
- EasyCLIP Algaine Ø80 and Ø125 accessories: quick-fit connectors and collars for flexible ducting.
- EasyCLIP Optiflex accessories used to connect EasyHOME® to semi-rigid ducts: see Optiflex Ø90 range.

#### ACOUSTIC DETAILS

##### EasyHOME® HYGRO COMPACT Premium MW:

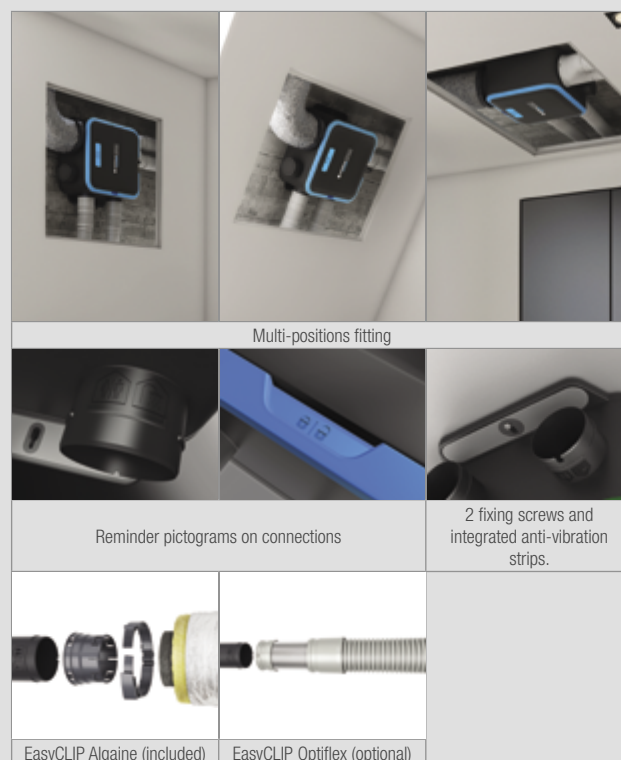
- Sound power at kitchen terminal: 35 dB(A).
- Sound power at kitchen terminal, at 2 metres: ≥ 30 dB(A).

##### EasyHOME® HYGRO COMPACT Premium HP and SP:

Speed setting 3 / setting 4:

- Acoustic power at kitchen terminal: 37 dB(A) / 38 dB(A).
- Acoustic pressure at kitchen terminal, at 2 metres: ≥ 32 dB(A) / ≥ 33 dB(A).

#### FITTING



#### TECHNICAL DETAILS

- Voltage: 230 V - 50 Hz single-phase.
- Unit protection rating: IPX2.

##### EasyHOME® HYGRO COMPACT Premium MW & 6P:

- Max. power consumed: 30 W.
- Average consumption for 3 bedroom dwelling (1 bath + 1 WC): 9,8 W-Th-C.
- Max. current: 0,25 A.

##### EasyHOME® HYGRO COMPACT Premium HP:

- Max. power consumed: 85 W.
- Average consumption for 3 bedroom dwelling (1 bath + 1 WC): 11 W-Th-C.
- Max. current: 0,6 A.

##### EasyHOME® HYGRO COMPACT Premium SP:

- Max. power consumed: 85 W.
- Average consumption for 3 bedroom dwelling (1 bath + 1 WC): 11 W-Th-C.
- Max. current: 0,6 A.

## EasyHOME® HYGRO Classic



### RANGE

Designation	Reference	Discount family
EasyHOME® Hygro CLASSIC unit	11033030	01
EasyHOME® Hygro CLASSIC + BAHIA Curve ELEC terminals kit	11033031	01
EasyHOME® Hygro CLASSIC + BAHIA Curve CORD terminals kit	11033032	01

### OPERATION

EasyHOME® HYGRO renews your indoor air and removes ambient humidity to match your requirements.

Humidity-controlled air inlets and terminals detect the humidity level or occupancy in each room to ensure the ventilation airflow automatically adapts to the pace of your lifestyle.

### DESCRIPTION

- ATTIC unit made of recyclable plastic:
  - 1 x Ø125 kitchen.
  - 4 x Ø80 sanitary areas.
  - 1 x Ø160 discharge.
- Extract airflow rates regulated by humidity-controlled terminals, according to ambient humidity.
- 1-speed AC motor.
- Hygro B kits supplied with electrically-powered (ELEC) Bahia Curve humidity-controlled terminals or with cord-pull manual controls (CORD).

### FIELD OF APPLICATION

- Unidirectional humidity-controlled CMEV for individual house.
- Refurbishment.
- Creation of an installation or replacement of existing ventilation.
- Connects 1 kitchen and up to 4 sanitary areas.

### INSTALLATION

- Suspended attachment in attic with cord supplied.
- Quick-connect electric terminal block.
- Duct connections to unit:
  - Ø125 mm in kitchen.
  - Ø80 mm in bathroom, WC and shower.
  - Ø160 for discharge.
- Compatible with all types of duct: Algaïne flexible ducts, Optiflex semi-rigid ducts or Minigaine rigid ducts.
- Insulate ducting outside the heated room.
- PUSH kitchen and WC PRESENCE terminals powered by battery (alkaline 9V, type LR61 not supplied).

### ACCESSORIES

Designation	Reference	Discount family
CMEV push button	11026011	01
Wall mounting kit	11033015	80
Easy Clip sleeve + collar Ø80 mm	11033011	80
Easy Clip sleeve + collar Ø125 mm	11033010	80
Easy Clip sleeve + collar Ø160 mm	11033016	80

- CMEV Push Button to control Bahia Curve PUSH terminal.
- Wall mounting kit containing 3 silent blocks and 2 screws.
- EasyCLIP Algaïne: quick-fit connectors and collars for flexible ducting.
- Connection of additional sanitary area: see range of BAHIA terminal kits for Algaïne or Optiflex.

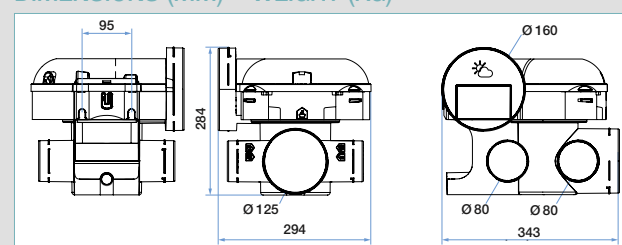
### ADVANTAGES

- Ventilation to match your needs thanks to detection of humidity.
- Multi-ducting compatibility.
- Easiest solution to install.
- Silent-running: as low as 32 dB(A).

### COMPLIANCE(S)

- CE-compliant.
- WEEE recycling compliant.
- ErP<sup>(1)</sup>.

### DIMENSIONS (MM) – WEIGHT (KG)



- Weight (unit only): 2.7 kg

### TECHNICAL DETAILS

- Max. power consumed: 28 W.
- Average consumption for 3 bedroom dwelling (1 bath + 1 WC): 20,5 W-Th-C.
- Voltage: 230 V - 50 Hz single-phase.
- Max. Current: 0.2 A.
- Unit protection rating: IPX2.

### CONTENTS OF KITS

	Kit EasyHOME® Hygro Classic ELEC	Kit EasyHOME® Hygro Classic CORD
Reference	11033031	11033032
Unit	EasyHOME® HYGRO Classic unit	
Kitchen grille C21 PUSH Ø125 + sleeve	1	
Bathroom grille B21 Ø80 + sleeve	1	1
WC grille W13 PRES Ø80 + sleeve	1	
Kitchen grille C21 CORD Ø125 + sleeve		1
WC grille W13 CORD Ø80 + sleeve		1
Suspension cord	1	1
Ø80 cap	2	2
EasyCLIP Algaïne Ø125 mm	1	
EasyCLIP Algaïne Ø80 mm	2	
EasyCLIP Algaïne Ø160 mm	1	

### ACOUSTIC DETAILS

- Acoustic power at kitchen terminal: 37 dB(A).
- Acoustic pressure at kitchen terminal, at 2 metres: ≥ 32 dB(A).

### FITTING



(1) Complies with eco-design Regulation 1253/2014 and excluded from energy labelling regulation 1254/2014 as max. power < 30 W.

# EasyHOME® HYGRO COMPACT Classic



## RANGE

Designation	Reference	Discount family
EasyHOME® Hygro COMPACT CLASSIC unit	11033048	01
EasyHOME® Hygro COMPACT CLASSIC + BAHIA Curve ELEC terminals kit	11033049	01

## OPERATION

EasyHOME® HYGRO renews your indoor air and removes ambient humidity to match your requirements.

Humidity-controlled air inlets and terminals detect the humidity level or occupancy in each room to ensure the ventilation airflow automatically adapts to the pace of your lifestyle.

## DESCRIPTION

- COMPACT unit made of recyclable plastic:
  - 1 x Ø125 kitchen.
  - 4 x Ø80 sanitary areas.
  - 1 x Ø160 discharge.
- Extract airflow rates regulated by humidity-controlled terminals, according to ambient humidity.
- 1-speed AC motor.
- Kits supplied with electrically-powered (ELEC) Bahia Curve humidity-controlled terminals.

## FIELD OF APPLICATION

- Unidirectional humidity-controlled CMEV for individual house or apartment.
- Refurbishment.
- Creation of an installation or replacement of existing ventilation.
- Connects 1 kitchen and up to 4 sanitary areas.

## INSTALLATION

- Multi-position fitting: wall, ceiling, floor, inclined surface.
- Ultra-flat < 19 cm.
- Pictograms to aid assembly included on unit.
- Quick-connect electric terminal block.
- Duct connections to unit:
  - Ø125 mm in kitchen.
  - Ø80 mm in bathroom, WC and shower.
  - Ø160 for discharge.
- Compatible with all types of duct: Algaïne flexible ducts, Optiflex semi-rigid ducts or Minigaine rigid ducts.
- Insulate ducting outside the heated room.
- PUSH kitchen and WC PRESENCE terminals powered by battery (alkaline 9V, type LR61 not supplied).

## ACCESSORIES

Designation	Reference	Discount family
CMEV push button	11026011	01
Easy Clip sleeve + collar Ø80 mm	11033011	80
Easy Clip sleeve + collar Ø125 mm	11033010	80
Easy Clip sleeve + collar Ø160 mm	11033016	80

- CMEV Push Button to control kitchen PUSH terminal.
- EasyCLIP Algaïne: quick-fit connectors and collars for flexible ducting.
- Connection of additional sanitary area: see range of BAHIA terminal kits for Algaïne or Optiflex.

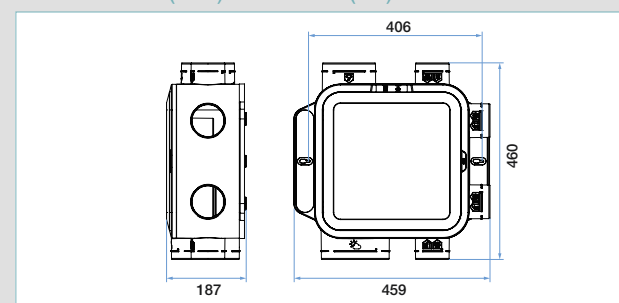
## ADVANTAGES

- Ventilation to match your needs thanks to detection of humidity.
- Multi-ducting compatibility.
- Simple to integrate <19 cm and ultra-fast installation.
- Silent-running: as low as 32 dB(A).

## COMPLIANCE(S)

- CE-compliant.
- WEEE recycling compliant.
- ErP<sup>(1)</sup>.

## DIMENSIONS (MM) – WEIGHT (KG)



- Weight (unit only): 3.6 kg

## TECHNICAL DETAILS

- Max. power consumed: 28 W
- Average consumption for 3 bedroom dwelling (1 bath + 1 WC): 20,7 W-Th-C.
- Voltage: 230 V - 50 Hz single-phase.
- Max. Current: 0.2 A.
- Unit protection rating: IPX2.

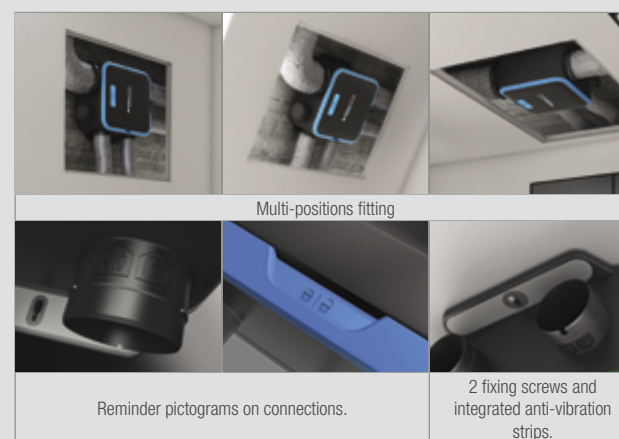
## CONTENTS OF KITS

	Kit EasyHOME® Hygro COMPACT Classic ELEC
<b>Reference</b>	<b>11033049</b>
Unit	EasyHOME® HYGRO COMPACT Classic unit
Kitchen grille C21 PUSH Ø125 + sleeve	1
Bathroom grille B21 Ø80 + sleeve	1
WC grille W13 PRES Ø80 + sleeve	1
Ø80 cap	2
EasyCLIP Algaïne Ø125 mm	1
EasyCLIP Algaïne Ø80 mm	2
EasyCLIP Algaïne Ø160 mm	1

## ACOUSTIC DETAILS

- Acoustic power at kitchen terminal: 37 dB(A).
- Acoustic pressure at kitchen terminal, at 2 metres:  $\approx$  32 dB(A).

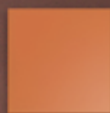
## FITTING



(1) Complies with eco-design Regulation 1253/2014 and excluded from energy labelling regulation 1254/2014 as max. power < 30 W.



# Because a detail can change everything



Aldes creates **ColorLINE®**,  
**The first collection of multi-colour ventilation grilles which adapts to your interior decoration.**

- **More compatibility** : Fits in every fixing sleeves of the market. Only one design plate size whatever the grille's diameter may be.
- **More comfort** : Adjustable airflow diffusion and optimal acoustic performances.
- **More design** : Exchangeable design plate in just a click. Only one design plate size whatever the grille's diameter may be.



**15 colors available**



Use the Aldes ColorLINE®, augmented reality app to bring life to your fantastic ideas! The app is simple and fun to use preview how well a ColorLINE® terminal fits in with your interior decoration.

Crédit photos : Sylvain Vessière - 2017

#HealthyLiving







## Self-balanced CMEV

### Self-balanced CMEV : EasyHOME® Auto solution

*The 1st solution designed for a perfect fitting in all interiors.*



EasyHOME® Auto



ColorLINE®



#### DESCRIPTION

**EasyHOME® Auto** automatically delivers extract airflow and renews indoor air constantly throughout the day.

Auto air inlets deliver a constant supply of fresh air whatever the outside conditions (wind, pressure difference between walls etc.).

Contaminated air is removed by the extract terminals.

- **Automatic air renewal:**

EasyHOME® Auto renews your indoor air 24 hours a day, 7 days a week.

- **Easiest solution to install:**

Installing EasyHOME® Auto is simple and intuitive thanks to its pictograms and simplified electrical connection.

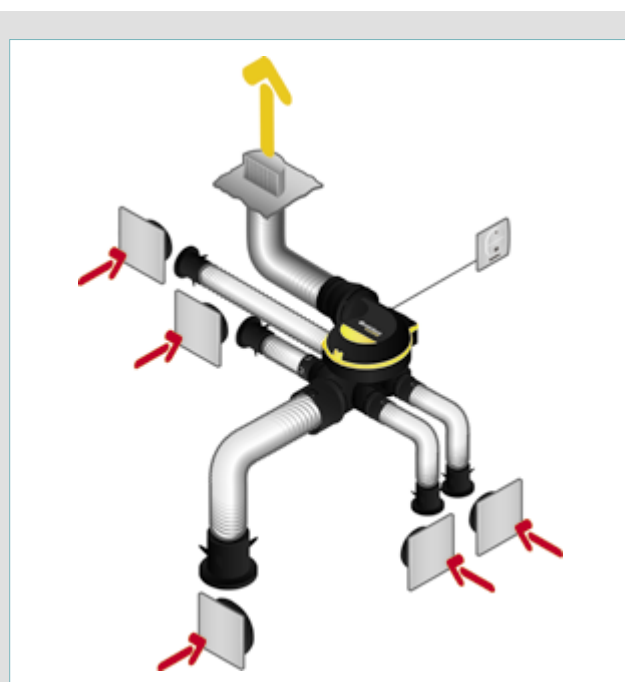
The Attic version can be suspended to prevent the transmission of vibrations and just 2 screws are sufficient to fix the Compact version in place.

- **Seamless integration:**

Exclusive to Aldes, EasyHOME® Auto can be seamlessly integrated in all interiors with the new ColorLINE® designer grilles, the multi-colour ventilation grille range that adapts to all your installations and interior themes.

#### DIMENSIONING OF SELF-ADJUSTING AIR INLETS

Housing type	Bedroom	Living-room
2 bedrooms	1 EA 30	<b>1 EA 45</b>
3 bedrooms and more	1 EA 22	<b>1 EA 45</b>



EasyHOME® Auto solution in attic with Algaïne ducting

## EasyHOME® AUTO Classic



### RANGE

Designation	Reference	Discount family
EasyHOME® Auto unit	11026031	01
EasyHOME® Auto + BIP grilles kit	11026032	01
EasyHOME® Auto + ColorLINE ventilation grilles kit	11026033	01

### OPERATION

EasyHOME® Auto renews your indoor air 24 hours a day, 7 days a week with 2 operating modes: AUTO mode (constant airflow for each ventilated room) and manual KITCHEN BOOST mode (high speed in kitchen activated by an inverter).

### DESCRIPTION

- ATTIC unit made of recyclable plastic material:
  - 1 x Ø125 kitchen.
  - 4 x Ø80 sanitary areas.
  - 1 x Ø160/125 discharge.
- Extract airflow rates regulated on each branch by kitchen, bathroom and WC controllers.
- 2-speed AC motor.

### FIELD OF APPLICATION

- General and continuous ventilation for individual dwelling (House only).
- Renovation.
- New installation or existing CMEV replacement.
- Connection possible for 1 kitchen and up to 4 bath./WC.

### INSTALLATION

- Suspended mounting in attics with the provided cord.
- Pictogram reminders on the unit for an easier installation and accessories mounting.
- Fast connection electrical terminal.
- Flexible ducts connection directly on the unit with:
  - Ø125 mm in the kitchen.
  - Ø80 mm in the bathroom and WC.
  - Ø160 or Ø125 for the discharge outlet, thanks to the included adapter.

### ACCESSORIES

Designation	Reference	Discount family
CMEV Inverter	11022030	01
Easy Clip sleeve + collar Ø125 mm	11033010	80
Easy Clip sleeve + collar Ø80 mm	11033011	80
Easy Clip sleeve + collar Ø160 mm	11033016	80
AUTO + BIP additional WC kit	11026040	01
AUTO + BIP additional bathroom kit	11026041	01

- Connection of additional sanitary area:
  - For EasyHOME® Auto + BIP kits: use AUTO BIP accessory kits for bathroom and WC. They contain a BIP Ø80 terminal, a Ø80 sleeve and a bathroom or WC regulator.
  - EasyHOME® AUTO + ColorLINE® kits come with 2 bathroom regulators and 2 WC regulators: to connect an additional sanitary area, a ColorLINE® ventilation grille and a Ø80 sleeve suffice.
- EasyCLIP Algaine system: quick-fit connectors and collars for flexible ducting.
- CMEV inverter for control of KITCHEN BOOST mode.

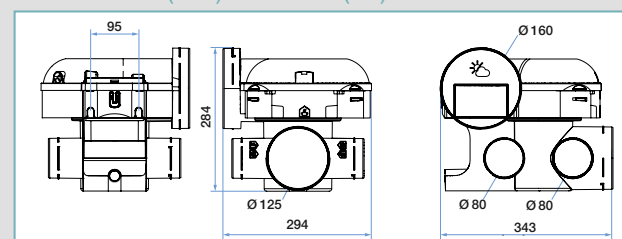
### ADVANTAGES

- Automatic air renewal.
- Perfect fitting in all interiors decoration thanks to ColorLINE® design grilles.
- Easiest to install.
- Silent: from 26 dB(A).

### COMPLIANCE(S)

- CE electrical safety.
- WEEE recycling compliant.
- ErP<sup>(1)</sup>.

### DIMENSIONS (MM) - WEIGHT (KG)



- Weight (unit only): 2.8 kg.

### ACOUSTIC DETAILS

- Unit acoustic power: 41 dB(A) at 100 m³/h in AUTO mode.
- Acoustic pressure at the kitchen grille level in AUTO mode, 2 metres away from the grille: ≥ 26 dB(A) with ColorLINE® grilles, ≥ 28 dB(A) with BIP grilles.

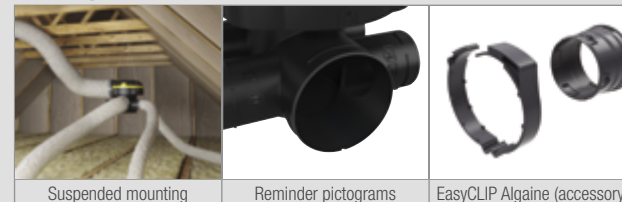
### CONTENTS OF KITS

	Kit EasyHOME® Auto + BIP	Kit EasyHOME® Auto + ColorLINE grille	EasyHOME® Auto unit
Reference	11026032	11026033	11026031
Unit	EasyHOME® AUTO unit		
Ø125 mm Kitchen regulator	1	1	1
Ø80 mm Bath regulator	1	2	1
Ø80 mm WC regulator	1	2	1
Ø125 mm white ColorLINE® grille + fixing sleeve		1	
Ø80 mm white ColorLINE® grille + fixing sleeve		2	
Ø125 mm white classic BIP grille + fixing sleeve	1		
Ø80 mm white classic BIP grille + fixing sleeve	2		
Suspension cord	1	1	1
Ø80 mm cap	2	2	2
Discharge adapter Ø160/125 mm	1	1	1

### TECHNICAL DETAILS

- Maximal power consumption Auto mode/Boost mode: 14 W/ 26 W.
- Average power consumption for a 5-roomed dwelling (1 bathroom + 1 WC): 14 W-Th-C.
- Electrical tension: 230 V - 50 Hz single-phased.
- Maximum intensity: 0.2 A.
- Unit classification: IPX2.

### FITTING



(1) In accordance with ecodesign regulation 1253/2014 and out of the scope of energy labelling 1254/2014 regulation because of max power consumption > 250 W.

# EasyHOME® AUTO COMPACT Classic



## RANGE

Designation	Reference	Discount family
EasyHOME® Auto COMPACT unit	11026034	01
EasyHOME® Auto COMPACT + BIP grilles kit	11026035	01
EasyHOME® Auto COMPACT + ColorLINE ventilation grilles kit	11026036	01

## OPERATION

EasyHOME® Auto COMPACT renews your indoor air 24 hours a day, 7 days a week with 2 operating modes: AUTO mode (constant airflow for each ventilated room) and manual KITCHEN BOOST mode (high speed in kitchen activated by an inverter).

## DESCRIPTION

- COMPACT unit made of recyclable plastic material:
  - 1 x Ø125 kitchen.
  - 4 x Ø80 sanitary areas.
  - 1 x Ø160/125 discharge.
- Extract airflow rates regulated on each branch by kitchen, bathroom and WC controllers.
- 2-speed AC motor.

## FIELD OF APPLICATION

- General and continuous ventilation for individual dwelling (House or Flat).
- Renovation.
- New installation or existing CMEV replacement.
- Connection possible for 1 kitchen and up to 4 bath./WC.

## INSTALLATION

- Multi-positions mounting: wall, ceiling, floor and inclined plane.
- 2 Fixing screws only and integrated anti-vibration strips.
- Extra flat <19 cm.
- Reminders pictograms on the unit for an easier installation and accessories mounting.
- Fast connection electrical terminal.
- Flexible ducts connection directly on the unit with:
  - Ø125 mm in the kitchen,
  - Ø80 mm in the bathroom and WC,
  - Ø160 or Ø125 for the discharge outlet, thanks to the included adapter.

## ACCESSORIES

Designation	Reference	Discount family
CMEV Inverter	11022030	01
Easy Clip sleeve + collar Ø125 mm	11033010	80
Easy Clip sleeve + collar Ø80 mm	11033011	80
Easy Clip sleeve + collar Ø160 mm	11033016	80
AUTO + BIP additional WC kit	11026040	01
AUTO + BIP additional bathroom kit	11026041	01

- Connection of additional sanitary area:
  - For EasyHOME® Auto + BIP kits: use AUTO BIP accessory kits for bathroom and WC. They contain a BIP Ø80 terminal, a Ø80 sleeve and a bathroom or WC regulator.
  - EasyHOME® AUTO + ColorLINE® kits come with 2 bathroom regulators and 2 WC regulators: to connect an additional sanitary area, a ColorLINE® ventilation grille and a Ø80 sleeve suffice.
- EasyCLIP Algaine system: quick-fit connectors and collars for flexible ducting.
- CMEV inverter for control of KITCHEN BOOST mode.

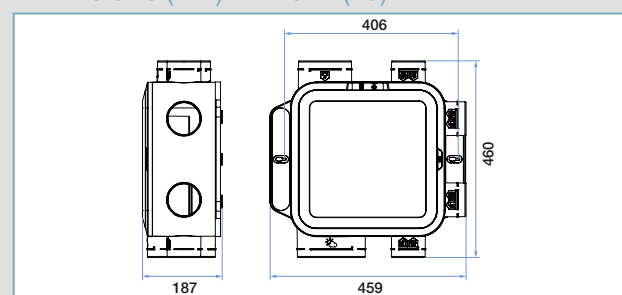
## ADVANTAGES

- Automatic air renewal.
- Perfect fitting in all interiors decoration thanks to ColorLINE® design grilles.
- Easy integration <19 cm and ultra-fast installation.
- Silent: from 23 dB(A).

## COMPLIANCE(S)

- CE electrical safety.
- WEEE recycling compliant.
- ErP<sup>(1)</sup>.

## DIMENSIONS (MM) - WEIGHT (KG)



- Weight (unit only): 3.6 kg.

## ACOUSTIC DETAILS

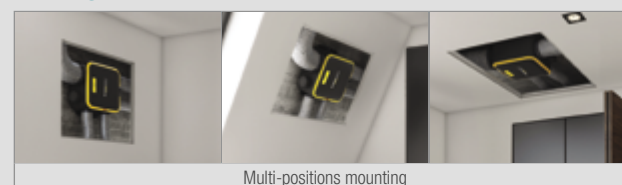
- Unit sound power: 39 dB(A) at 100 m³/h in AUTO mode.
- Sound pressure at kitchen terminal in AUTO mode at 2 metres from terminal: ≥ 23 dB(A) with ColorLINE®, ≥ 25 dB(A) with BIP.

	EasyHOME® Auto COMPACT kit	EasyHOME® Auto COMPACT Kit + ColorLINE® Grilles	EasyHOME® Auto COMPACT Unit
<b>Reference</b>	<b>11026035</b>	<b>11026036</b>	<b>11026034</b>
Unit	EasyHOME® AUTO COMPACT unit		
Ø125 mm Kitchen regulator	1	1	1
Ø80 mm Bath regulator	1	2	1
Ø80 mm WC regulator	1	2	1
Ø125 mm white ColorLINE® grille + fixing sleeve		1	
Ø80 mm white ColorLINE® grille + fixing sleeve		2	
Ø125 mm white classic BIP grille + fixing sleeve	1		
Ø80 mm white classic BIP grille + fixing sleeve	2		
Ø80 mm cap	2	2	2
Discharge adapter Ø160/125 mm	1	1	1

## TECHNICAL DETAILS

- Max. power consumed in AUTO mode / BOOST mode: 14 W / 26 W.
- Average consumption for 3 bedroom dwelling (1 bath + 1 WC): 14 W-Th-C.
- Voltage: 230 V - 50 Hz single-phase.
- Max. Current: 0.2 A.
- Unit protection rating: IPX2.

## FITTING



(1) In accordance with ecodesign regulation 1253/2014 and out of the scope of energy labelling 1254/2014 regulation because of max power <30W.



walter®



- 4 sensors each dedicated to a specific pollutant
- Automatic management and control of your indoor air quality
- Real-time information on the quality of outdoor air
- Sleek design for seamless integration
- Remote access via the AldesConnect™ application

(1) Compatible with Cube and InspirAIR® HRV CMEV and air purification solutions

#HealthyLiving

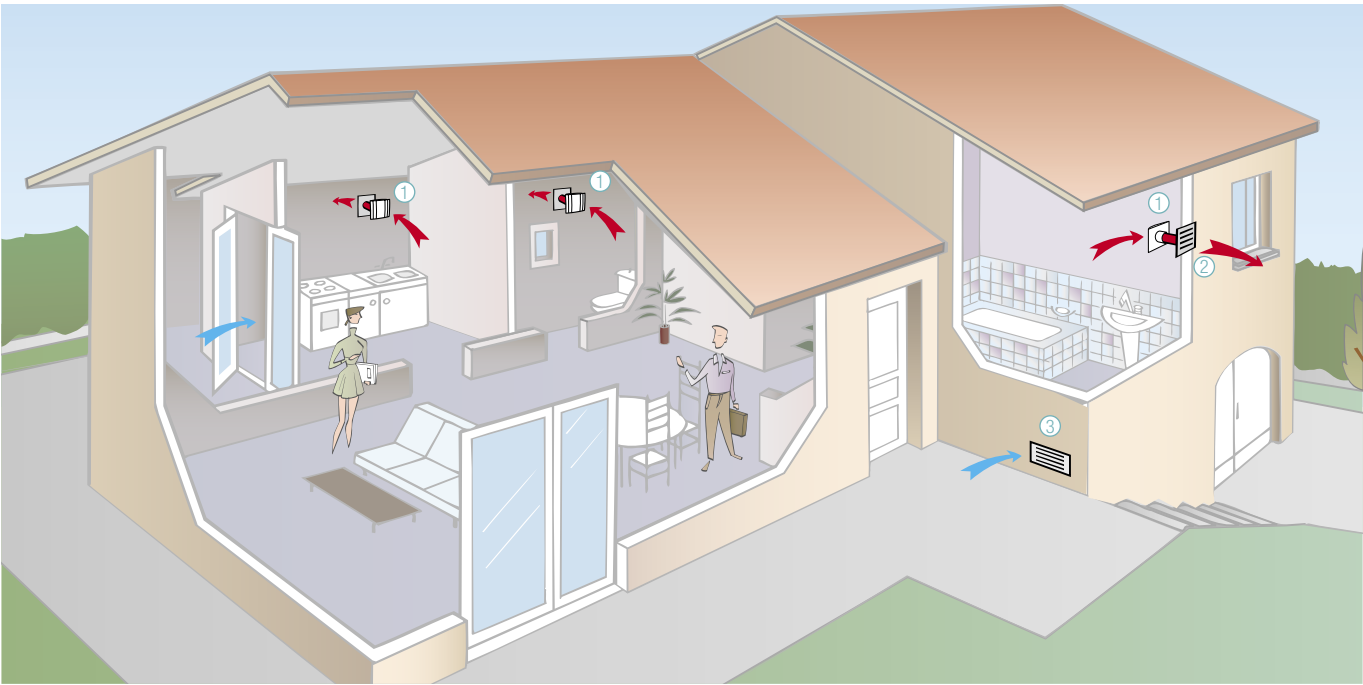




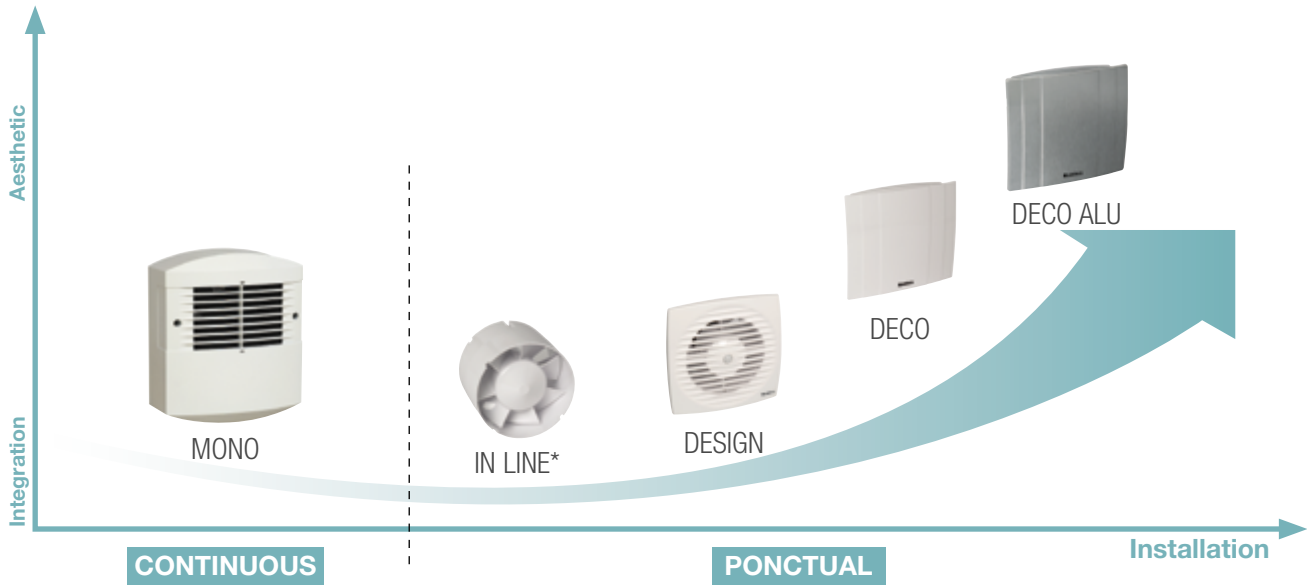
# Extractor fans

The range according to aesthetics

## Air exhaust



① Extractor; ② Grille for discharge air; ③ Fresh air grille





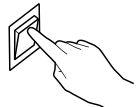










**i** Duct mounted for IN LINE and wall or ceiling mounted for MONO, DESIGN & DECO.

\*To be associated to a aesthetic grille

# Extractor fans

The range by mode of operation

## Selection guide of extractors

		Surface of the room to ventilate or extractor's diameter		
		< 7 m²	from 7 m² to 12 m²	> 12 m²
<b>Continuous operation</b>  <b>For all uses</b> 		<b>MONO</b>		
		Ø 100 mm	Ø 125 mm	Ø 150 mm
<b>Manual operation</b>  <b>For all uses</b>  		DESIGN 100	DESIGN 125	DESIGN 150
		DECO 100	DECO 125	
		IN LINE 100	IN LINE 125	IN LINE 150
<b>Adjustable timer</b>  <b>Ideal for kitchen</b>  		DESIGN 100 T	DESIGN 125 T	DESIGN 150 T
		DECO 100 T	DECO 125 T	
<b>Humidity detection</b>  <b>Ideal for bathroom</b>  		DESIGN 100 H	DESIGN 125 H	DESIGN 150 H
		DECO 100 H	DECO 125 H	
<b>Occupancy detection</b>  <b>ideal for WC</b> 		DESIGN 100 P	DESIGN 125 P	DESIGN 150 P

# Exhaust ventilation for single-family dwelling

## Extractor fans



### MONO



#### RANGE

Designation	Reference	Discount family
MONO	11026104	01

#### DESCRIPTION

- Plastic material.
- Ø 100 mm discharge.
- EC motor on ball bearings with thermal protection.
- Electronic airflow control via built-in PCB (patented system).
- Built-in silent blocks.
- Built-in filter.
- Detachable terminal block.

#### FIELD OF APPLICATION

- Continuous CMEV for individual housing.
- Renovation.
- MONO insures a fresh and constant air supply to isolated rooms.

#### INSTALLATION

- Fixed in place with 4 screws.
- Installation in any position directly in the ventilated room.
- Airflow control by calibrating cross-section of terminal
- Discharge into duct possible (length depends on airflow selected).
- Possible to enable boost airflow by connecting a CMEV switch.
- Fresh air supply in main rooms via self-balanced air inlets.

#### ACCESSORIES

Designation	Reference	Discount family
Replacement filter MONO (x5)	11128949	80
VMC Inverter	11022030	01

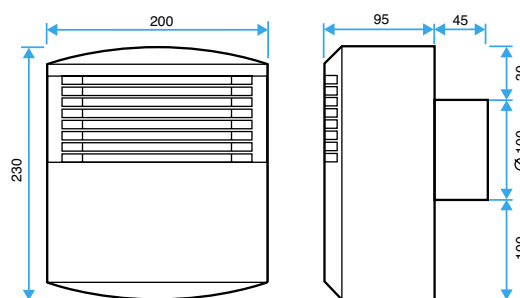
#### ADVANTAGES

- Ventilation for one insulated room.
- 24-hour operation.
- 3 airflow settings.
- Boost airflow possible.
- Silent operation.
- Low power consumption.

#### COMPLIANCE(S)

- CE electrical safety.
- WEEE recycling compliant.
- ERP\*

#### DIMENSIONS (MM) - WEIGHT (KG)

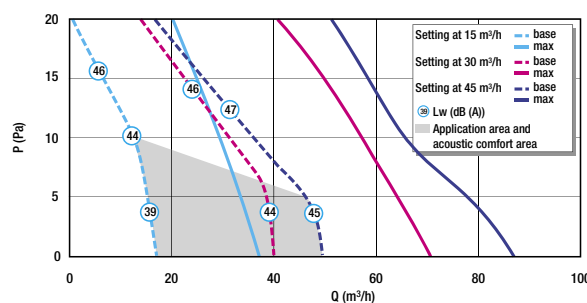


- Weight: 1.5 kg.

#### TECHNICAL DETAILS

- Consumption:
  - from 3 to 5 W according to pressure loss on discharge.
  - 8 W in boost mode.
- Voltage: 230 V - 50 Hz single-phase.
- Device protection rating: IPX4.
- Current protection: 2 A.

#### AIRFLOW DETAILS

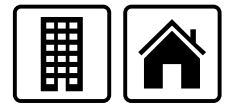


- Setting at 15 m³/h :
  - maximum recommended discharge: 20 m in Ø 100 mm rigid duct.
- Setting at 30 m³/h:
  - maximum recommended discharge: 15 m in Ø 100 mm rigid duct.
- Setting at 45 m³/h:
  - maximum recommended discharge: 10 m in Ø 125 mm rigid duct.

\*In accordance with ecodesign regulation 1253/2014 and out of the scope of energy labelling 1254/2014 regulation because of max power <30W.

# Exhaust ventilation for single-family dwelling

## Extractor fans



## DECO



DECO

DECO ALU

### RANGE

Designation	Reference	Discount family
<b>WHITE FINISH</b>		
DECO 100	11022315	01
DESIGN 100 T	11022316	01
DESIGN 100 H	11022317	01
DECO 125	11022321	01
DESIGN 125 T	11022322	01
DESIGN 125 H	11022323	01
<b>ALU FINISH</b>		
DECO 100	11022312	01
DESIGN 100 T	11022313	01
DESIGN 100 H	11022314	01
DECO 125	11022318	01
DESIGN 125 T	11022319	01
DESIGN 125 H	11022320	01

### OPERATION

- **Manual operation:**
  - Instant shutdown.
- **Timer operation T :**
  - Delayed shutdown.
  - Programmable delay from 2 to 30 minutes.
- **Humidity operation H:**
  - Start and shutdown programmed according to a pre-set humidity level.
  - Programmable operating time from 2 to 30 minutes.
  - Programmable humidity level between 60 % to 90 %.

### DESCRIPTION

- Material: ABS body, decorative cover made of ABS with aluminium trim (for aluminium finish).
- Silent motor.
- Removable backdraft damper on rear of fan unit.
- White colour or aluminium finish.
- 3 operating modes:
  - Manual, timer switch T, humidity detection (with timer switch) H.
- Supplied in blister pack.

### FIELD OF APPLICATION

- Intermittent ventilation of a room.
- Forced and intermittent air exhaust.

### INSTALLATION

- Fitted with 4 screws (supplied).
- Wall or ceiling-mounted.
- Requires an air inlet terminal or a door with an undercut to ensure a good air supply to the room.
- Maximum temperature of exhaust air: 40°C.

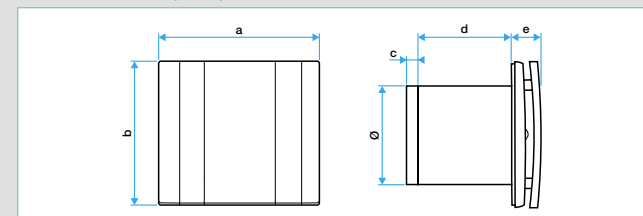
### ADVANTAGES

- Aesthetic and discreet.
- Silent operation: from 26 dB(A).
- Very low power consumption: from 5.6 W.
- White or aluminium finish.

### COMPLIANCE(S)

- CE electrical safety.
- WEEE recycling compliant.
- ERP\*

### DIMENSIONS (MM) - WEIGHT



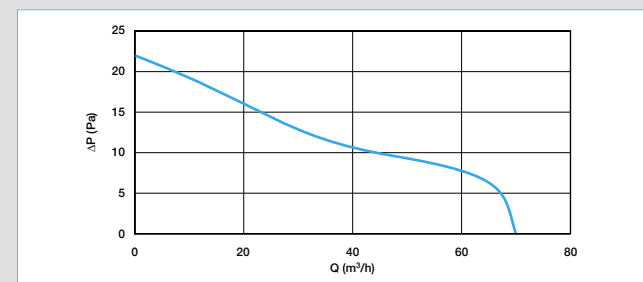
Model	Ø	a	b	c	d	e	Weight (g)
DECO 100	100	171	151	13.5	96	32	560
DECO 125	125	201	178	13.5	101	35	730

### TECHNICAL DETAILS

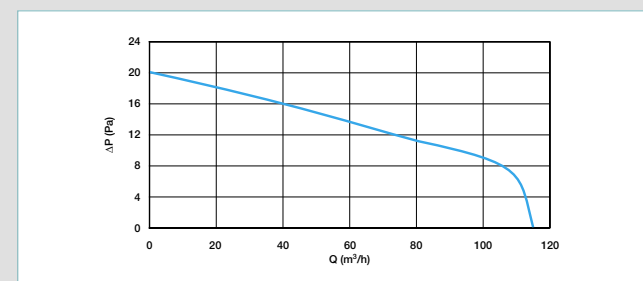
- Power supply: 230 V - 50 Hz single-phase.
- Device protection rating: IPX4.
- Class II electrical insulation.
- Integrated thermal protection.

Model	Maximum airflow (m³/h)	Consumption (W)	Sound pressure level at 3 m (dB(A))
DECO 100	70	5.6	26
DECO 120	115	9.3	31

### AIRFLOW DETAILS



DECO 100



DECO 125

\*In accordance with ecodesign regulation 1253/2014 and out of the scope of energy labelling 1254/2014 regulation because of max power <30W.



# Exhaust ventilation for single-family dwelling

## Extractor fans



## DESIGN



DESIGN

DESIGN P

## RANGE

Designation	Reference	Discount family
DESIGN 100	11022300	01
DESIGN 100 T	11022301	01
DESIGN 100 H	11022302	01
DESIGN 100 P	11022303	01
DESIGN 125	11022304	01
DESIGN 125 T	11022305	01
DESIGN 125 H	11022306	01
DESIGN 125 P	11022307	01
DESIGN 150	11022308	01
DESIGN 150 T	11022309	01
DESIGN 150 H	11022310	01
DESIGN 150 P	11022311	01

## OPERATION

- **Manual operation:**
  - Instant shutdown.
- **Timer operation T :**
  - Delayed shutdown.
  - Programmable delay from 2 to 30 minutes.
- **Humidity operation H:**
  - Start and shutdown programmed according to a pre-set humidity level.
  - Programmable operating time from 2 to 30 minutes.
  - Programmable humidity level between 60 % to 90 %.
- **Occupancy operation P :**
  - Start and shutdown activated by occupancy detection with programmable operating time.
  - Sensor detection distance: 1 to 4 meters.
  - Sensor detection angle: 100°.
  - Programmable operating time from 2 to 30 minutes.

## DESCRIPTION

- Materials: Outer grille and body made of ABS.
- Silent motor.
- Removable backdraft damper on rear of fan unit.
- 4 operating modes:
  - manual, timer switch T, humidity detection (with timer switch) H, occupancy detection (with timer switch) P.
- Supplied in blister pack.

## FIELD OF APPLICATION

- Intermittent ventilation of a room.
- Forced and intermittent air exhaust.

## INSTALLATION

- Fitted with 4 screws (supplied).
- Wall or ceiling-installed.
- Requires an air inlet terminal or a door with an undercut for a good air supply.
- Maximum temperature of exhaust air: 40°C.

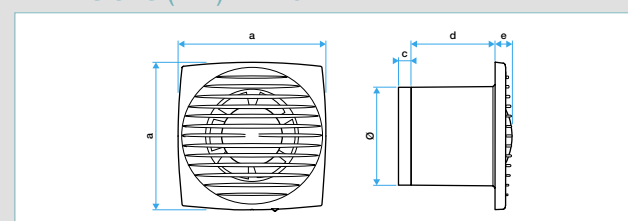
## ADVANTAGES

- Ultra-flat design.
- Occupancy detection.
- Silent operation: from 26 dB(A).
- Very low power consumption: from 5.6 W.

## COMPLIANCE(S)

- CE electrical safety.
- WEEE recycling compliant.
- ERP\*

## DIMENSIONS (MM) - WEIGHT



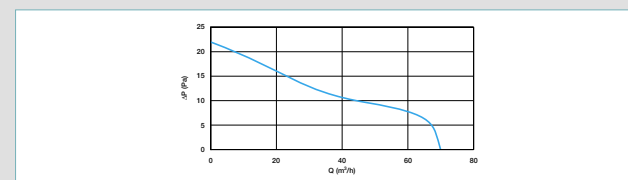
Model	Ø	a	c	d	e	Weight (g)
DESIGN 100	100	150	13.5	85	17	560
DESIGN 125	125	176	13.5	87	17	730
DESIGN 150	150	205	13.5	105	19	900

## TECHNICAL DETAILS

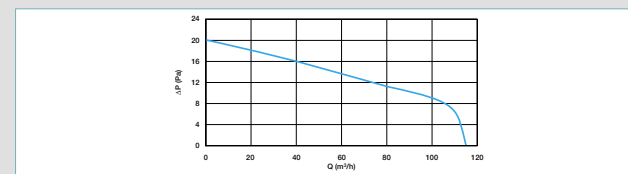
- Power supply: 230 V - 50 Hz single-phase.
- Device protection rating: IPX4.
- Class II electrical insulation.
- Integrated thermal protection.

Model	Maximum airflow (m³/h)	Consumption (W)	Sound pressure level at 3 m (dB(A))
DESIGN 100	70	5.6	26
DESIGN 125	115	9.3	31
DESIGN 150	235	20	33

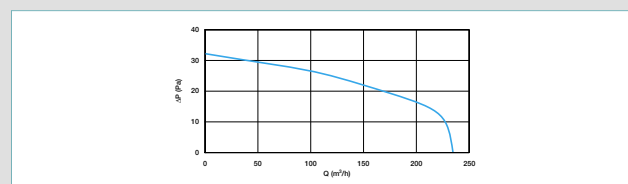
## AIRFLOW DETAILS



DESIGN 100



DESIGN 125



DESIGN 150

\*In accordance with ecodesign regulation 1253/2014 and out of the scope of energy labelling 1254/2014 regulation because of max power <30W.

# Exhaust ventilation for single-family dwelling

## Extractor fans



## IN LINE



### ADVANTAGES

- Silent operation.
- Air supply or exhaust.
- No fan in the room (fitted in the duct).

### COMPLIANCE(S)

- CE electrical safety.
- WEEE recycling compliant.
- ERP\*

### RANGE

Designation	Reference	Discount family
IN LINE 100	11022326	01
IN LINE 125	11022327	01
IN LINE 150	11022328	01

### DESCRIPTION

- Material: ABS.
- Silent motor.

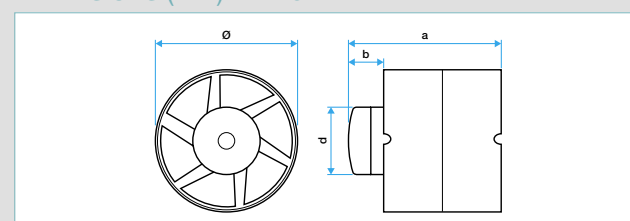
### FIELD OF APPLICATION

- Intermittent ventilation of a room.
- Enables air supply or air exhaust.
- Forced and intermittent operation.

### INSTALLATION

- Mounting inside a duct.
- Requires an air inlet terminal or a door with an undercut for a correct ventilation of the room.

### DIMENSIONS (MM) - WEIGHT



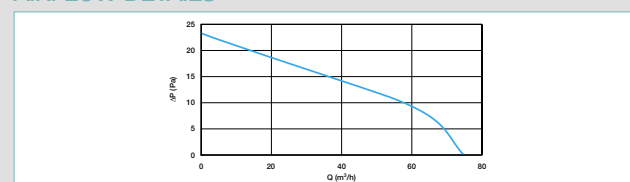
Model	Ø	a	b	d	Weight (g)
IN LINE 100	100	113	28	59	410
IN LINE 125	125	118	28	59	430
IN LINE 150	150	128	28	59	800

### TECHNICAL DETAILS

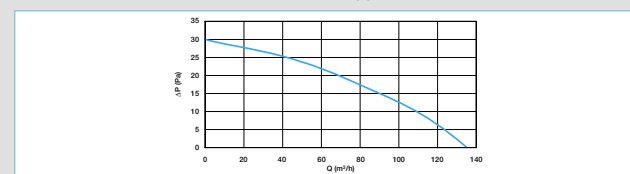
- Power supply: 230 V - 50 Hz single-phase.
- Device protection rating: IPX4.
- Thermal fuse protection.
- Class II electrical insulation.

Model	Maximum airflow (m³/h)	Consumption (W)	Sound pressure level at 3 m (dB(A))
IN LINE 100	75	5.6	27
IN LINE 125	135	9.3	32
IN LINE 150	250	20	34

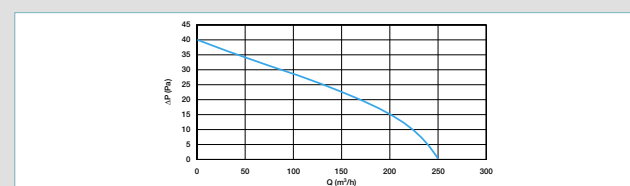
### AIRFLOW DETAILS



IN LINE 100



IN LINE 125



IN LINE 150

\*In accordance with ecodesign regulation 1253/2014 and out of the scope of energy labelling 1254/2014 regulation because of max power <30W.

# Exhaust ventilation for single-family dwelling

## Extractor fans



## IN LINE XS



IN LINE XS



CMEV inverter



Speed regulator

### RANGE

Dsignation	Reference	Discount family
IN LINE XS 100	11022330	01
IN LINE XS 125	11022331	01
IN LINE XS 150	11022332	01
IN LINE XS 160	11022333	01

### OPERATION

- Single or dual-speed operation.
- 2-speed operation controlled via an inverter or a voltage regulator.

### DESCRIPTION

- Axial duct fan.
- Material : ABS.
- Single-phase 2-speed motor.
- Removable motor unit.

### FIELD OF APPLICATION

- Ventilation for one or multiple rooms.
- Air exhaust or air supply.
- Installation at any point in the ductwork.
- Residential (sanitary areas, kitchen, laundry room, cellar, etc.) and small commercial premises.

### INSTALLATION

- Connection to a duct upstream and downstream.
- Can be fitted in any position.
- Fixed to the wall using the mounting plate.
- Can be fitted in series for higher pressure or in parallel for higher airflow.
- Requires air inlet grilles or doors with undercuts to ensure a correct operation of the installation.

### ACCESSORIES

Dsignation	Reference	Discount family
CMEV Inverter	11022030	01
Speed regulator 1.5 A	11022358	01

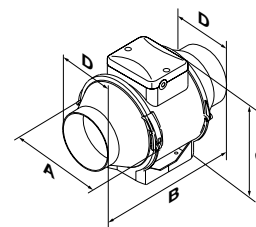
### ADVANTAGES

- Compact.
- Easy to install and maintain thanks to the removable motor unit.
- Reduced sound level: from 27 dB(A).

### COMPLIANCE(S)

- CE electrical safety.
- ERP 327/2011/EC.
- GS electrical safety (Tuv tested).
- WEEE recycling compliant.
- ERP\*

### DIMENSIONS (MM) - WEIGHT (KG)



Model	D	A	B	C	Weight (kg)
IN LINE XS 100	100	167	246	190	1.45
IN LINE XS 125	125	167	246	190	1.35
IN LINE XS 150	150	223	295	250	2.65
IN LINE XS 160	160	233	295	250	2.65

### TECHNICAL DETAILS

- Power supply : 220/240 V - 50/60 Hz.
- Device protection rating : IPX4.
- Built-in thermal protection.
- Motor mounted on ball bearings.
- Long lifetime : 40,000 hours.

Version	Airflow (m³/h)		Power Consumption (W)		Acoustic Pressure level - Lp at 3 m dB(A)	
	min	max	min	max	min	max
IN LINE XS 100	145	190	21	33	27	36
IN LINE XS 125	220	280	23	37	28	37
IN LINE XS 150	405	520	30	60	33	44
IN LINE XS 160	405	520	30	60	33	44

\* In accordance with ecodesign regulation 327/2011 (if electric input power >125 W) and out of scope of ecodesign regulation 1253/2014 because housing.

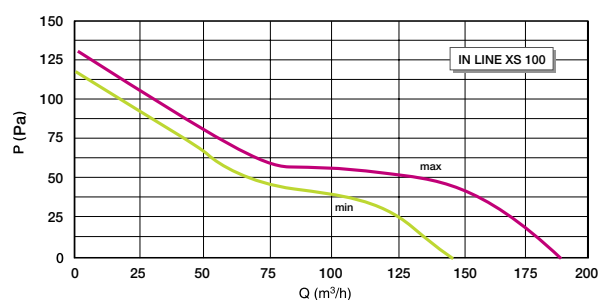


### IN LINE XS

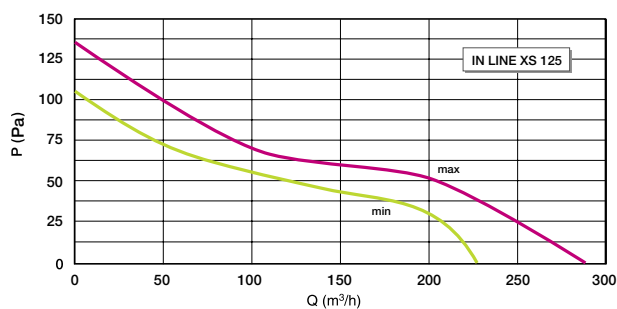


IN LINE XS

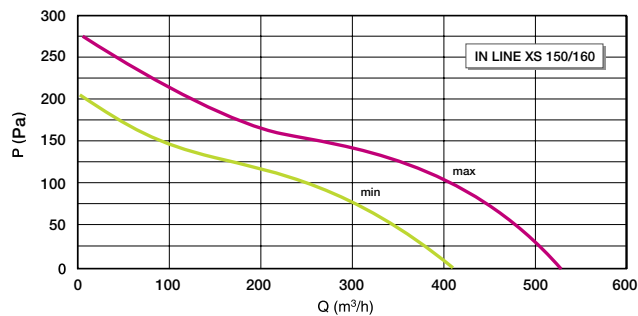
#### AIRFLOW DETAILS



IN LINE XS 100



IN LINE XS 125



IN LINE XS 150/160



# Exhaust ventilation for single-family dwelling

## Extractor fans



### IN LINE XPro



IN LINE XPro



CMEV inverter



Speed regulator

### ADVANTAGES

- High-performance and energy-efficient motor.
- Easy to install and to maintain thanks to the removable motor unit.
- Reduced sound level: from 27 dB(A).

### COMPLIANCE(S)

- CE electrical safety.
- ERP 327/2011/EC.
- GS electrical safety (Tuv tested).
- WEEE recycling compliant.
- ERP\*

### RANGE

Designation	Reference	Discount family
IN LINE XPro 100	11022340	01
IN LINE XPro 125	11022341	01
IN LINE XPro 150	11022342	01
IN LINE XPro 160	11022343	01
IN LINE XPro 200	11022344	01
IN LINE XPro 250	11022345	01
IN LINE XPro 315	11022346	01

### OPERATION

- Single or dual-speed connection.
- Controlled via an inverter or a voltage regulator.

### DESCRIPTION

- Axial duct fan.
- Material : Low-flammability PP.
- Single-phase 2-speed and high performance motor.
- Optimised aerodynamic and acoustic performance : higher pressure with reduced power consumption.
- Removable motor unit.

### FIELD OF APPLICATION

- Ventilation for one or multiple rooms.
- Air exhaust or air supply.
- Installation at any point in the ductwork.
- Residential (kitchen, sanitary areas, apartments, chalet...) and commercial premises (offices, workshops, community hall, etc.).

### INSTALLATION

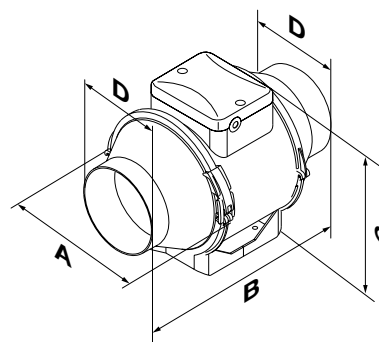
- Connection to a duct upstream and downstream.
- Can be fitted in any position.
- Fixed to the wall using the mounting plate.
- Can be fitted in series for higher pressure or in parallel for higher airflow.
- Requires air inlet grilles or doors with undercuts to ensure the correct operation of the installation.

### ACCESSORIES

Dsignation	Reference	Discount family
CMEV Inverter	11022030	01
Speed regulator 1.5 A	11022358	01



### DIMENSIONS (MM) - WEIGHT (KG)



Model	D	A	B	C	Weight (kg)
IN LINE XPro 100	100	195.8	302.5	226	1.75
IN LINE XPro 125	125	195.6	258.5	226	2.15
IN LINE XPro 150	150	220.1	289	247	2.3
IN LINE XPro 160	160	220.1	289	247	3.25
IN LINE XPro 200	200	239	295.5	261	3.95
IN LINE XPro 250	250	287	383	323	7.8
IN LINE XPro 315	315	362	445	408	11.95

### TECHNICAL DETAILS

- Power supply : 220/240 V - 50/60 Hz.
- Device protection rating : IPX4.
- Built-in thermal protection.
- Motor mounted on ball bearings.
- Long lifetime : 40,000 hours.

Version	Airflow (m³/h)		Power Consumption (W)		Acoustics sound level - Lp at 3 m (dB(A))	
	min	max	min	max	min	max
IN LINE XPro 100	180	245	23	25	27	32
IN LINE XPro 125	240	350	25	30	29	34
IN LINE XPro 150	415	565	42	50	37	46
IN LINE XPro 160	415	565	42	50	37	46
IN LINE XPro 200	830	1040	76	108	45	52
IN LINE XPro 250	1110	1400	125	177	47	55
IN LINE XPro 315	1570	2050	230	320	49	58

\* In accordance with ecodesign regulation 327/2011 (if electric input power >125 W) and out of scope of ecodesign regulation 1253/2014 because housing.

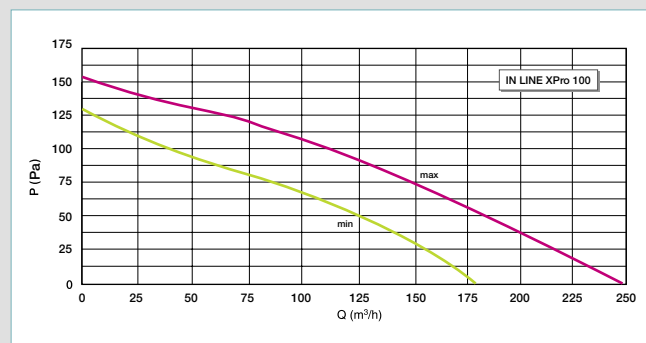


### IN LINE XPro

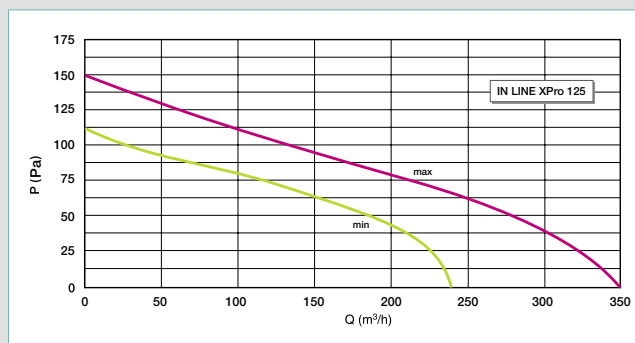


IN LINE XPro

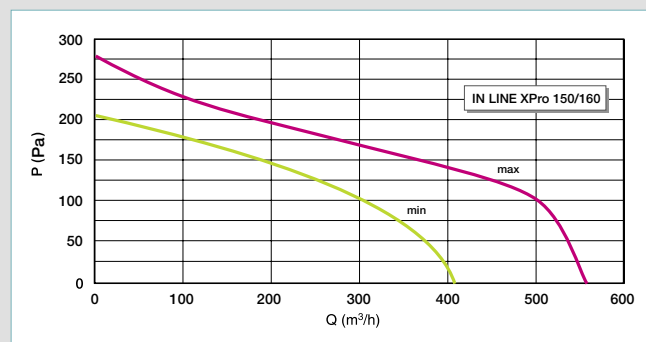
#### AIRFLOW DETAILS



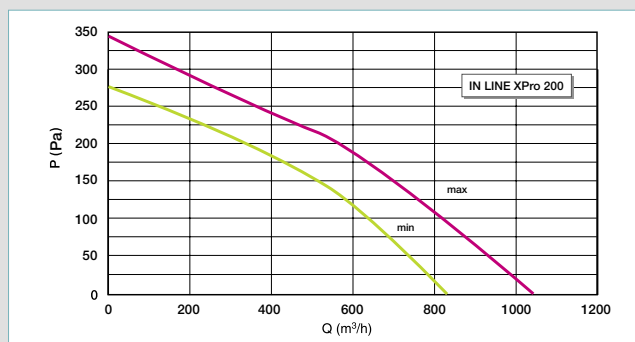
IN LINE XPro 100



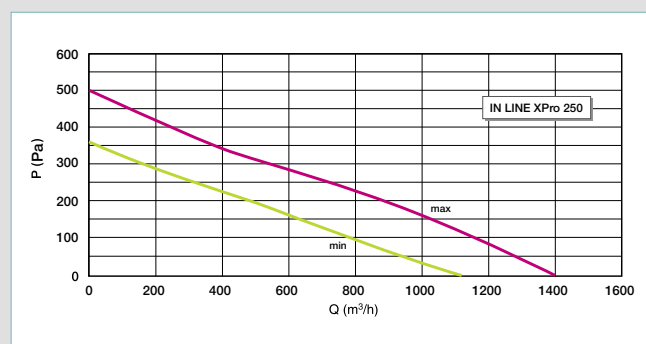
IN LINE XPro 125



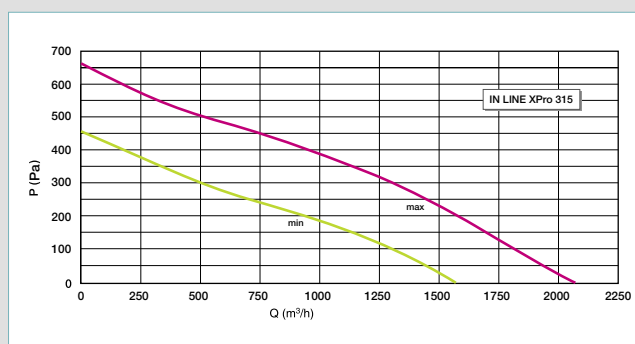
IN LINE XPro 150/160



IN LINE XPro 200



IN LINE XPro 250



IN LINE XPro 315

# Exhaust ventilation for single-family dwelling

## Extractor fans



## IN LINE XSilent



IN LINE XSilent



CMEV inverter



Speed regulator

### ADVANTAGES

- Very silent thanks to a 50 mm internal insulation : from 23 dB(A).
- High airflow performances.
- Steel casing.

### COMPLIANCE(S)

- CE electrical safety.
- ERP 327/2011/EC.
- GS electrical safety (Tuv tested).
- WEEE recycling compliant.
- ERP\*

### RANGE

Designation	Reference	Discount family
IN LINE XSilent 100	11022350	01
IN LINE XSilent 125	11022351	01
IN LINE XSilent 150	11022352	01
IN LINE XSilent 160	11022353	01
IN LINE XSilent 200	11022354	01
IN LINE XSilent 250	11022355	01
IN LINE XSilent 315	11022356	01

### OPERATION

- Single or dual-speed connection.
- Controlled via an inverter or a voltage regulator.

### DESCRIPTION

- Axial duct fan.
- Material: painted steel external casing, ABS internal casing and impellor.
- Thermal and acoustic insulation featuring 50 mm of rock wool.
- Single-phase 2-speed and high performance motor.

### FIELD OF APPLICATION

- Ventilation for one or multiple rooms.
- Air exhaust or air supply.
- Installation at any point in the ductwork.
- Residential housing (apartment, villa, etc.) and commercial premises (hotel, library, etc.).

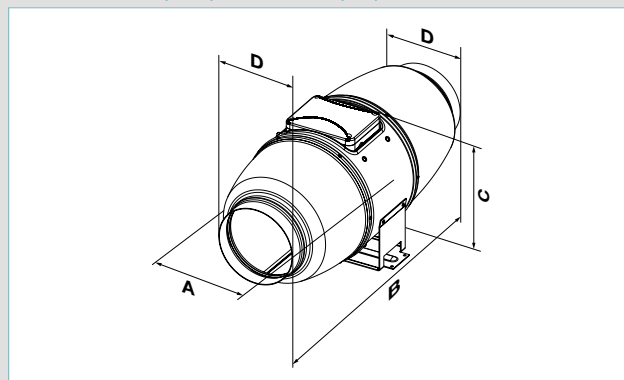
### INSTALLATION

- Connection to a duct upstream and downstream.
- Can be fitted in any position.
- Fixed to the wall using the mounting plate.
- Can be fitted in series for higher pressure or in parallel for higher airflow.
- Requires air inlet grilles or doors with undercuts to ensure a correct operation of the installation.

### ACCESSORIES

Dsignation	Reference	Discount family
CMEV Inverter	11022030	01
Speed regulator 1.5 A	11022358	01

### DIMENSIONS (MM) - WEIGHT (KG)



Model	D	A	B	C	Weight (kg)
IN LINE XSilent 100	100	215	505	237	4.6
IN LINE XSilent 125	125	215	474	237	4.6
IN LINE XSilent 150	150	247	580	260	6.1
IN LINE XSilent 160	160	247	580	260	6.1
IN LINE XSilent 200	200	293	550	295	8
IN LINE XSilent 250	250	358	658	360	15
IN LINE XSilent 315	315	432	780	434	25

### TECHNICAL DETAILS

- Power supply : 220/240 V - 50/60 Hz.
- Device protection rating : IPX4.
- Built-in thermal protection.
- Motor mounted on ball bearings.
- Long service life : 40,000 hours.

Model	Airflow (m³/h)		Power Consumption (W)		Acoustic Pressure level - Lp at 3 m (dB(A))	
	min	max	min	max	min	max
IN LINE XSilent 100	170	240	24	26	27	32
IN LINE XSilent 125	230	340	25	30	29	34
IN LINE XSilent 150	405	555	45	52	37	46
IN LINE XSilent 160	405	555	45	52	37	46
IN LINE XSilent 200	810	1020	78	110	45	52
IN LINE XSilent 250	1050	1330	127	178	47	55
IN LINE XSilent 315	1530	1950	213	313	49	58

\* In accordance with ecodesign regulation 327/2011 (if electric input power >125 W) and out of scope of ecodesign regulation 1253/2014 because housing.

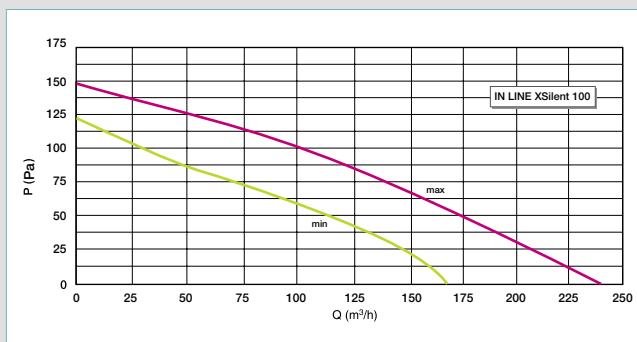


### IN LINE XSilent

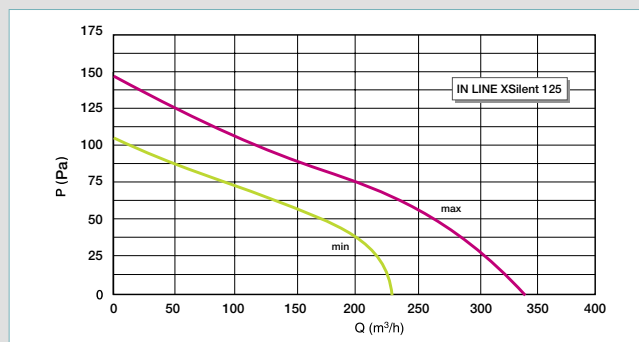


IN LINE XSilent

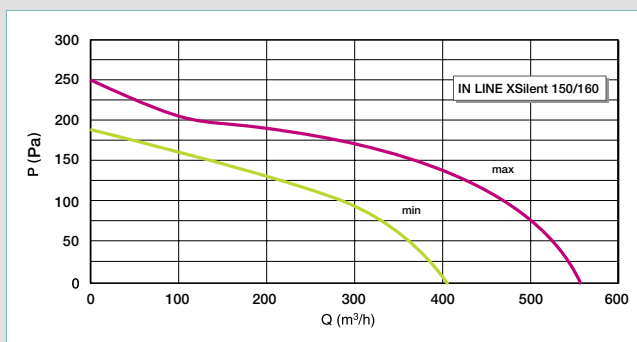
#### AIRFLOW DETAILS



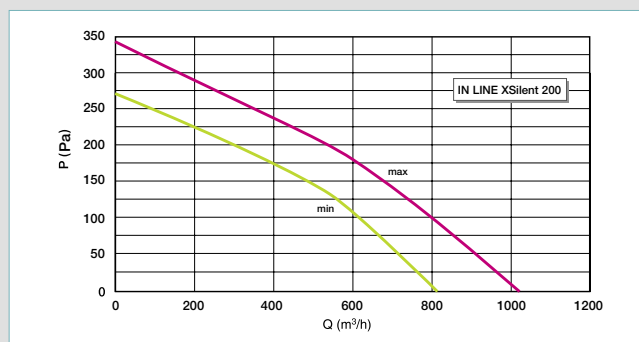
IN LINE XSilent 100



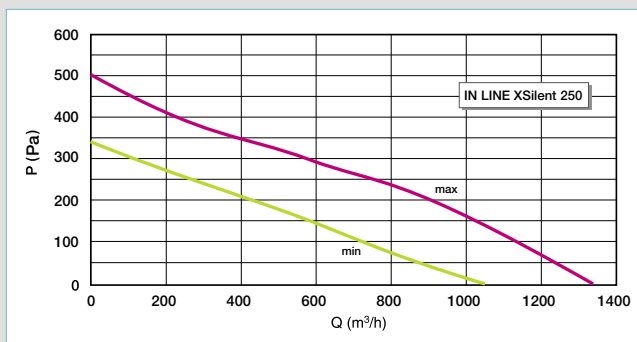
IN LINE XSilent 125



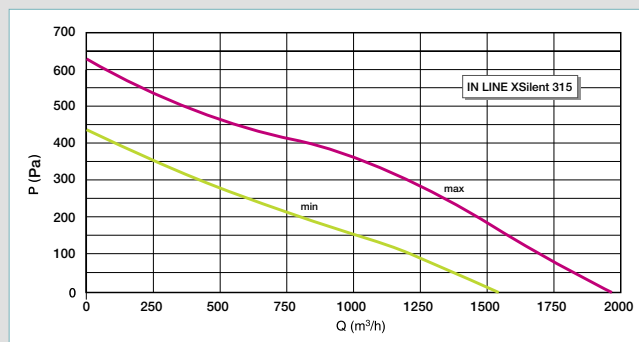
IN LINE XSilent 105/160



IN LINE XSilent 200



IN LINE XSilent 250

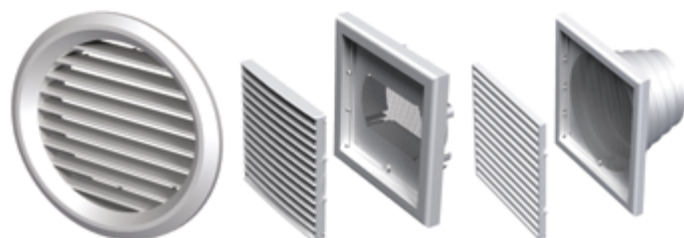


IN LINE XSilent 315





### GPA



Round GPA

GPA 154 x 154

GPA 186 x 186

#### ADVANTAGES

- Available in round or square format.
- Anti-mosquito mesh.

#### DESCRIPTION

- Exhaust air inlet.
- Exhaust air discharge and CMEV.
- White plastic material.
- Angled slats.
- Anti-mosquito mesh.
- GPA 186 x 186: multi-diameter shaft, 115 mm depth.

#### INSTALLATION

- Connection to circular duct.
- Wall or ceiling mounted.
- Round GPA: fixed in place using adhesive or visible screws.
- Square GPA: terminal body fixed in place with screws, hidden behind detachable front cover to facilitate servicing.

#### RANGE

Designation	Ø Connection	Reference	Discount family
GPA Ø 128	100 mm	11001504	01
GPA Ø 160	125 mm	11001505	01
GPA 186 x 186	100 - 110 - 120 - 130 - 150 mm	11001503	01

### VPA



#### ADVANTAGES

- Prevents air ingress with the exhaust fan is stopped.

#### DESCRIPTION

- Exhaust air discharge.
- White plastic material.
- Multi-diameter shaft, 115 mm depth.

#### INSTALLATION

- Connection to circular ducts.
- Wall-mounted outdoors.
- Invisible screw attachment

#### RANGE

Designation	Ø Connection	Reference	Discount family
VPA 186 x 186	100 - 110 - 120 - 130 - 150 mm	11001500	01



### Switch - Timer - Speed variator



Standard Inverter



Standard push button



Timer



Speed variator

#### RANGE

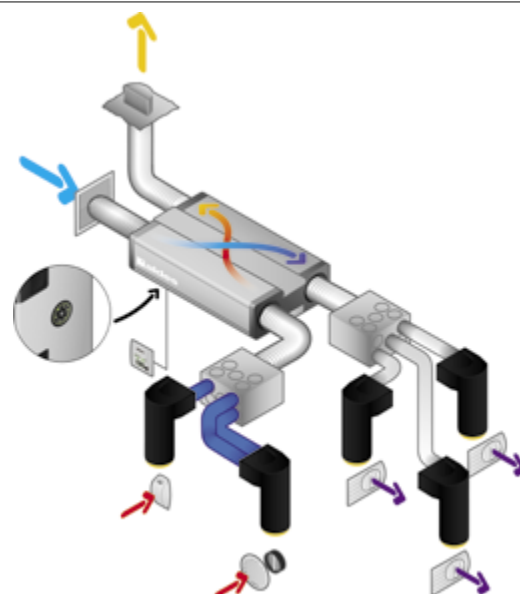
Designation	Reference	Discount family
Standard 2-position inverter without lamp	11022030	01
Standard push button	11026011	01
Timer switch 1 hr	11022008	01
Speed controller 1,5A	11022358	01

#### DESCRIPTION

- Used to activate kitchen boost airflow.
- Inverter or timer switch to control unit in self-balanced mode.
- Push button to control kitchen terminal in humidity-controlled mode.
- Speed variator to control the IN LINE fans in ducts.

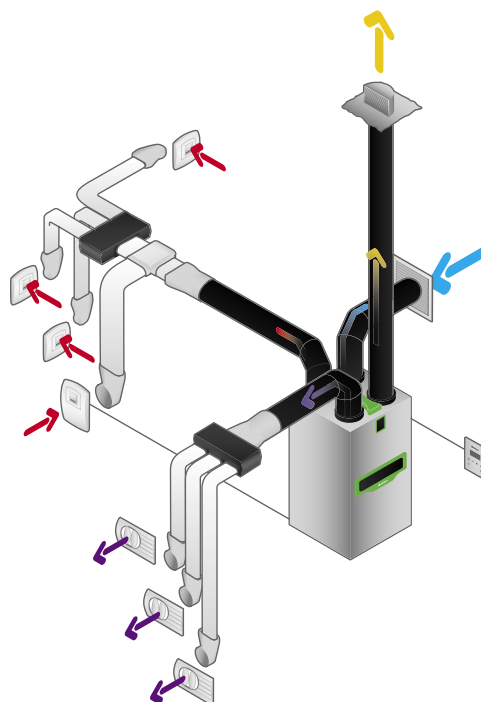


### Optiflex ductwork



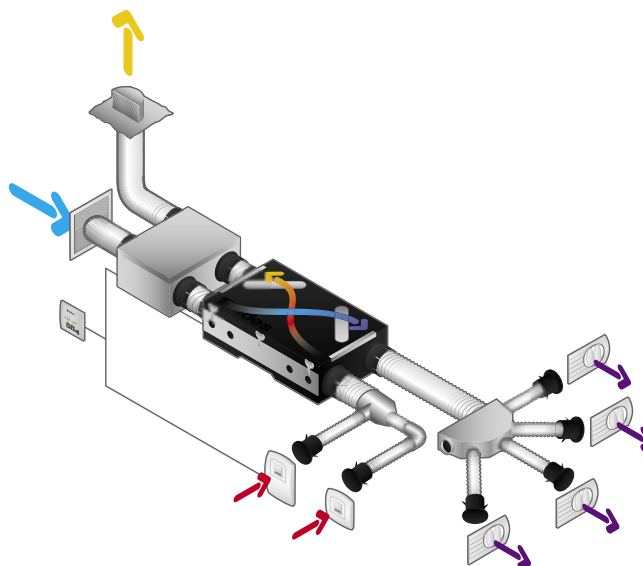
- Air supply (indoor)
- Rejected air (outdoor)
- Air exhaust (indoor)
- Fresh air (outdoor)

### Minigaine ductwork



- Air supply (indoor)
- Rejected air (outdoor)
- Air exhaust (indoor)
- Fresh air (outdoor)

### Algaïne ductwork

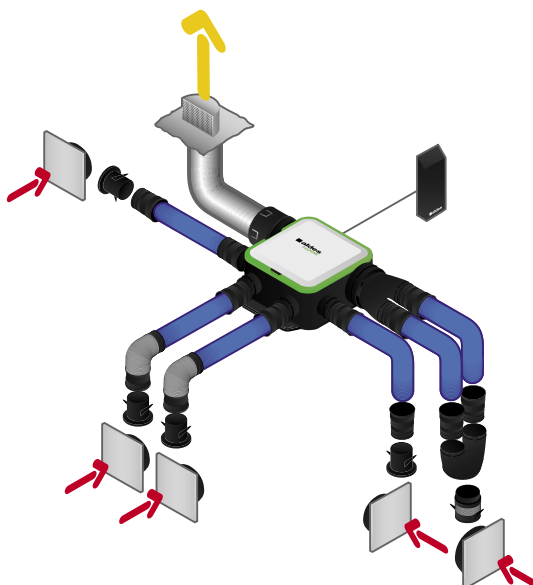


- Air supply (indoor)
- Rejected air (outdoor)
- Air exhaust (indoor)
- Fresh air (outdoor)



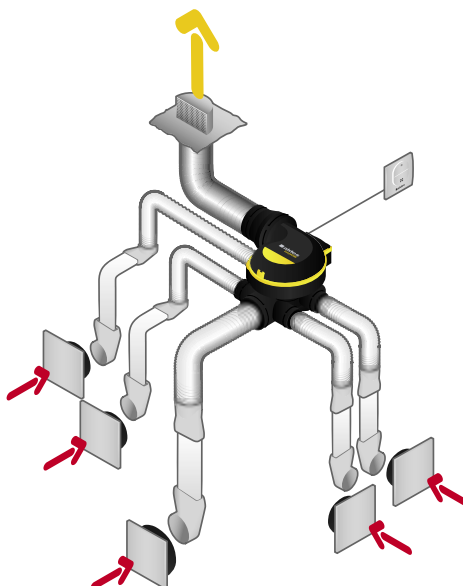
### Optiflex ductwork

- Rejected air (outdoor)
- Air exhaust (indoor)



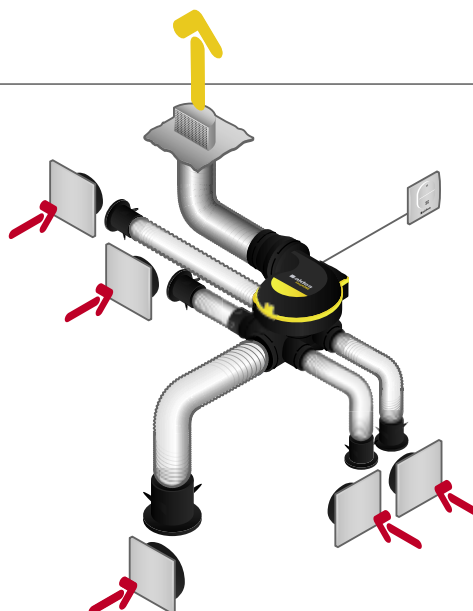
### Minigaine ductwork

- Rejected air (outdoor)
- Air exhaust (indoor)

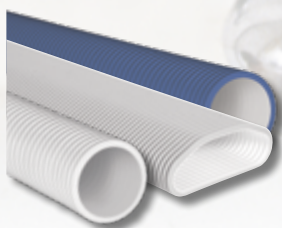


### Algaine ductwork

- Rejected air (outdoor)
- Air exhaust (indoor)







## Optiflex

**The first range of ductwork for easy and releable installation.**

**Optiflex** is a complete offer which meets all types of installations, in new or refurbishment. Quick to install (1 clic), resists to worksite's risks : this is the most completed solution on the market to ensure the sustainability of the installation.

**Optiflex** enables to keep the ductwork away from pollutions, from manufacturing to implementation, to control the airtightness and to manage the quality of the ductwork. No VOC<sup>(1)</sup> is giving out and it is sustainable thanks to anti-static and anti-bacterial treatment.

(1) Volatile Organic Compounds

**#HealthyLiving**



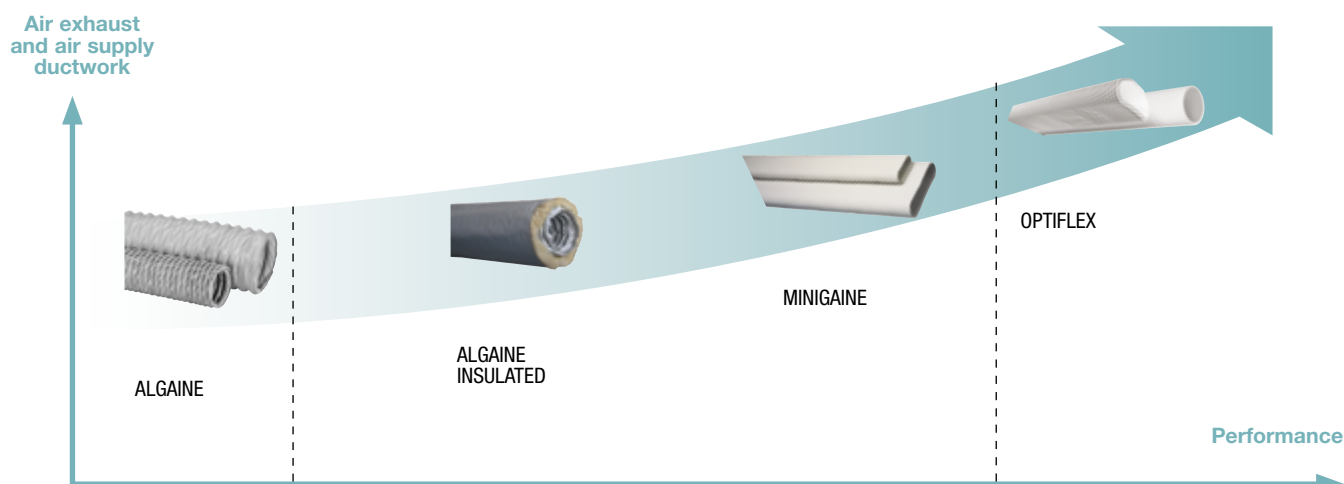
Credit photos : Getty Images - 2015



### Selection guide for ductwork

HEAT RECOVERY VENTILATION					
Name	Air exhaust ductwork		Air supply ductwork		Rejected air & Fresh air
	Heated volume	Unheated volume	Heated volume	Unheated volume	
OPTIFLEX	✓	✓ With insulating	✓	✓ With insulating	-
MINIGAIN	✓		✓	-	-
ALGAIN INSULATED	✓ 25 mm	✓ 50 mm	✓ 25 mm	✓ 50 mm	✓ 25 mm in heated volume 50 mm in unheated volume
CALOGAIN	-	-	-	-	✓

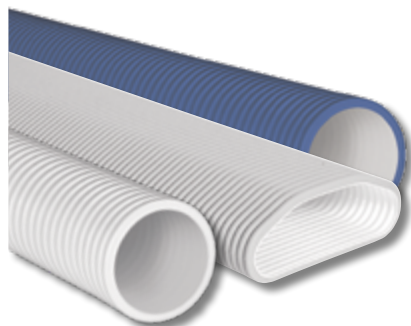
CENTRALISED MECHANICAL EXHAUST VENTILATION			
Name	Air exhaust ductwork		Rejected air
	Heated volume	Unheated volume	
OPTIFLEX	✓	✓ With insulating	
MINIGAIN	✓		
ALGAIN INSULATED	✓ 25 mm	✓ 50 mm	✓ 25 mm in heated volume 50 mm in unheated volume







### OPTIFLEX



#### RANGE

The Optiflex system is available in four versions:

- For CMEV installation: Circular ductwork with blue anti-static ducts Ø interior/exterior 78/90 mm
- For HRV installation : Circular ductwork with blue anti-static ducts Ø interior/exterior 63/75 mm and 78/90 mm for air exhaust and circular ductwork with white antistatic and anti-bacterial ducts Ø 63/75 mm and Ø 78/90 mm for air supply.
- Ultra-flat oval ductwork with white antistatic and antibacterial ducts (for both air supply and return).

All versions can be combined on the same system using mixed circular/oval accessories.

#### INTRODUCTION

Improving the quality and airtightness of ventilation networks in individual dwellings can reduce energy consumption while preserving the hygiene and indoor air quality of the buildings. Optiflex consists of semi-rigid ducts in food grade HDPE material which guarantees hygiene and indoor air quality.

- **Resistant** to construction hazards, ducts corrugated on the outside prevent any risk of tearing, crushing or strangled elbows.
- **Quality over time:** perfectly smooth ducts inside and equipped with antistatic treatment that prevents clogging. All the elements can be dismantled for the maintenance of the installation.
- **Fast installation:** high-speed «1-click» system, the connection is done without adhesive tape or glue and the wide range of accessories facilitates installation in all situations.
- **Sealing:** Optiflex offers 10 times more sealing than a standard ventilation network thanks to joint connections.
- **Modularity:** possibility of combining the different circular and oval circuits thanks to mixed accessories.

#### FIELD OF APPLICATION

- Semi-rigid air distribution ductwork for single-family dwellings.
- Installation in new and existing buildings.
- Suited to exhaust and heat recovery ventilation systems.
- Easy to install and highly resistant.
- Suitable for installation in suspended ceiling, partition walls, screeds or slabs.

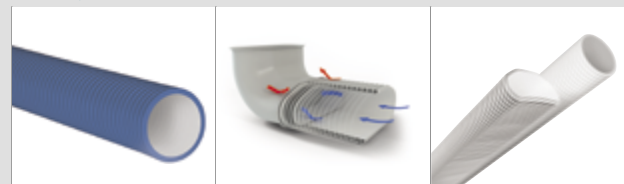
#### ADVANTAGES

- Wide range of circular and oval ducts and accessories.
- Quick to install.
- Durable material.
- Airtight ductwork.
- Anti-bacterial treatment.
- Interior air quality.

#### COMPLIANCE(S)

- Class of sealing assimilated C (circular network).
- Fire protection rating class E.
- PVC-free ducts.

#### FOR QUICK AND SUSTAINABLE INSTALLATION



Blue anti-static duct

Low pressure loss in duct

White anti-static and antibacterial duct



«1-click» system quick and safe.

Tightness with the seal.

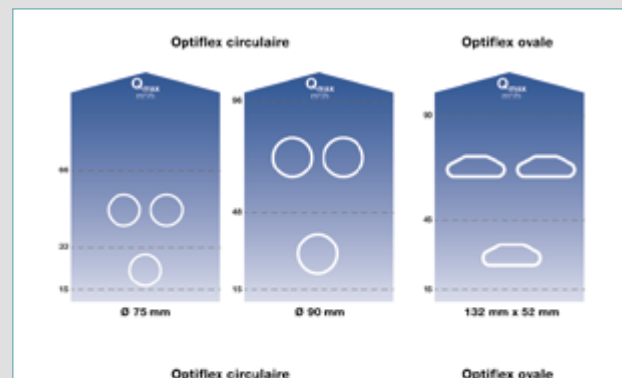
Resistant with external grooves



Food-grade, antistatic HDPE ducts (no PVC)  
made of new material : no VOC

Modularity : possibility to combine  
the ducts

#### SELECTION GUIDE



For a duct air speed < 4m/s

	Circular Ø 75 mm	Circular Ø 90 mm	Oval Equivalent Ø 90 mm
WC and Bathroom		○	⬭
Kitchen			
Living-room and bedroom		○	⬭

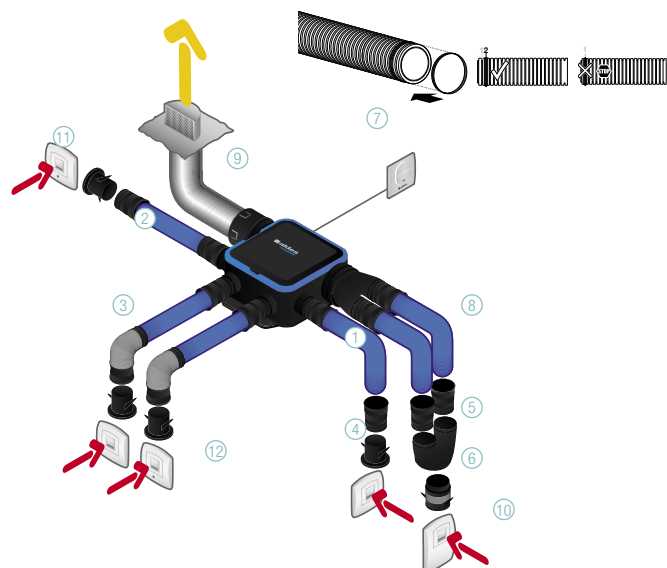
# Plastic ductwork and accessories

## Optiflex semi-rigid ductwork

### OPTIFLEX

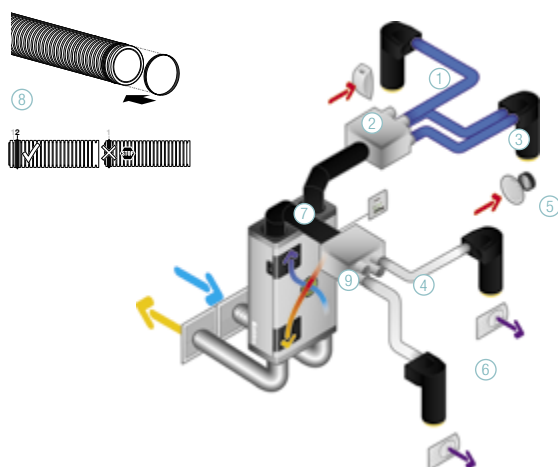


#### OPTIFLEX CIRCULAR DUCTWORK 90MM FOR EASYHOME



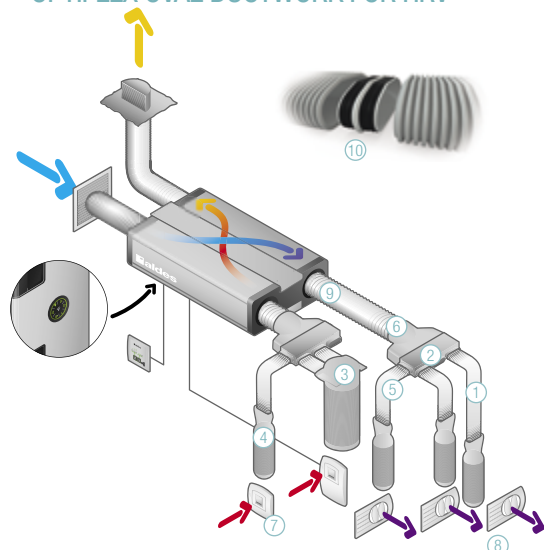
	Reference	Designation
1	11091993	Blue anti-static duct Ø 90 50m
2	11091989	OPTIFLEX STRAIGHT CONNECTION EASYCLIP Ø90*
3	11091988	OPTIFLEX FLEXIBLE CONNECTION EASYCLIP Ø90*
4	11022074	Trident sleeve Ø80*
5	11091990	OPTIFLEX Y-PIECE Ø125 FOR 2 DUCTS Ø90*
6	11091991	OPTIFLEX FLEXIBLE CONNECTION SLEEVE Ø125*
7	11091893	Seal Ø 90 (bag of 10)
8	11091898	90° bend Ø 90
9	11091623	Algaine insulated duct Ø160
10	11015068	Bahia Curve C21 PUSH 9V Ø125
11	11015475	Bahia Curve WC W13 PRES Ø80
12	11015144	BAHIA CURVE BAIN/WC F1-F4 B21 PRES Ø80

#### OPTIFLEX CIRCULAR DUCTWORK 90MM FOR HRV



	Reference	Designation
1	11091854	White anti-static and antibacterial duct Ø 90
1	11091993	Blue anti-static duct Ø 90 50m
2	11091986	Metal casing 13P Ø 160
3	11091997	Sleeve Ø 125 90° 2P
4	11091898	90° bend Ø 90
5	11015462*	Bahia Curve exhaust terminal
6	11022061	Bio square air supply terminal Ø125
7	11023210	Calogaine duct
8	11091893	Seal Ø 90 (bag of 10)
9	11091891	Casing connector Ø 90

#### OPTIFLEX OVAL DUCTWORK FOR HRV



	Reference	Designation
1	11091857	White anti-bacterial duct
2	11091884	Distribution casing
3	11091866	Sleeve Ø 125 90° 2P
4	11091867	Sleeve Ø 125 straight 1P
5	11091859	Vertical 90° bend
6	11091885	PE Y-piece Ø 160
7	11015462*	Bahia Curve exhaust terminal
8	11022061	Bio square air supply terminal Ø125
9	11091623	Algaine insulated duct Ø160
10	11091861	Airtight connection seal

\*For bathroom : 11015462

For WC : 11015474

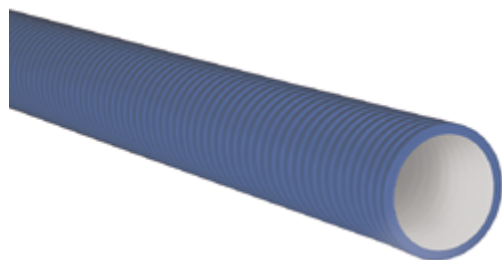
For kitchen : 11015431



# Plastic ductwork and accessories

## Optiflex semi-rigid ductwork

### Circular range Ø 90 for CMEV



#### RANGE

Designation	Reference	Discount family
<b>Ducts and Accessories</b>		
Blue anti-static duct Ø 90 - 50 m	11091993	01
Blue anti-static duct Ø 90 - 30 m	11091969	01
Female sleeve Ø 90	11091892	01
Seal Ø 90 (bag of 10)	11091893	01
Cap Ø 90 (bag of 5)	11091894	01
Lyre collars (box of 20)	11023214	01
90° bend Ø 90	11091898	01
<b>OPTIFLEX EASYCLIP Connection</b>		
① OPTIFLEX STRAIGHT CONNECTION EASYCLIP Ø90	11091989	01
② OPTIFLEX FLEXIBLE CONNECTION EASYCLIP Ø90	11091988	01
③ OPTIFLEX Y-PIECE Ø125 FOR 2 DUCTS Ø90	11091990	01
<b>Sleeves</b>		
④ Trident sleeve Ø80	11022074	01
⑤ OPTIFLEX FLEXIBLE CONNECTION SLEEVE Ø125	11091991	01

#### DESCRIPTION

- Semi-rigid duct, smooth inner surface.
- Diameter: interior/Exterior: 78/90 mm.
- Material:
  - Blue duct: HDPE with anti-static treatment.
- Packaging: 50 m or 30m roll.

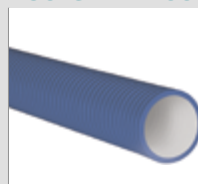
#### Accessories :

- Easy connection Easyclip 90: allows to connect on one side an Optiflex 90 duct (with a joint) and on the other side the 80mm output of a simple flow EasyHOME group or a 80 mm trident sleeve, realizing an angle of maximum 45 °.
- Easyclip 90 straight coupling: allows to connect one side Optiflex 90 duct (with a joint) and on the other side the 80mm output of an EasyHOME CMEV unit or a 80 mm trident sleeve.
- Panties of DN 125 mm for direct connection to the kitchen outlet of an EasyHOME group or on a 125 mm flexible csleeve. On the other side, connect 2 Optiflex 90 mm ducts using a straight or flexible Easyclip fitting.
- 125 mm flexible sleeve for DN 125 connection (kitchen for example) to be connected to 2 Optiflex 90 ducts using the Easyclip panties and fittings.

#### INSTALLATION

- Airtight ductwork: sealed airtight connections
- Low pressure losses: ultra-smooth inner duct surface.
- Flexible: 15 cm curve radius.
- Temperature range: -25 °C to +60 °C.
- The oval ductwork is compatible with the circular version through the use of mixed connectors.

#### DUCTS AND ACCESSORIES



Blue anti-static duct  
Ø 90 50 m | Ø 90 30 m  
11091993 | 11091969



Female sleeve Ø 90  
11091892



Seal Ø 90  
11091893



Cap Ø 90  
11091894



Lyre collars  
11023214



Sleeve Ø 125 90° 2P  
11091898

#### OPTIFLEX EASYCLIP CONNECTION



① OPTIFLEX STRAIGHT  
CONNECTION EASYCLIP Ø90  
11091989



② OPTIFLEX FLEXIBLE  
CONNECTION EASYCLIP Ø90  
11091988



③ OPTIFLEX Y-PIECE Ø125  
FOR 2 DUCTS Ø90  
11091990

#### MANCHETTES

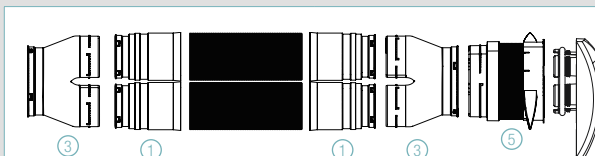


④ Trident sleeve Ø80  
11022074

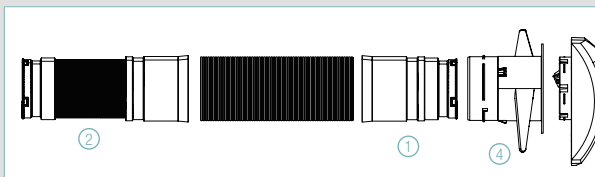


⑤ OPTIFLEX FLEXIBLE  
CONNECTION SLEEVE Ø125  
11091991

#### EASYHOME - KITCHEN



#### EASYHOME - SANITARIES



## Bahia Curve terminals kits for Optiflex



BAHIA CURVE bath./WC kits



Kit BAHIA Curve PUSH Kitchen

### RANGE

Designation	Reference	Discount family
Optiflex accessory kit for EasyHOME kit	11091994	01
BAHIA Curve BATH/WC kit F1-F4 Ø 80 mm	11033669	01
BAHIA Curve BATH/WC kit F5-F6 Ø 80 mm	11033670	01
BAHIA Curve PUSH KITCHEN kit Ø 125 mm	11033671	01
BAHIA Curve WC PRES kit Ø 80 mm	11033668	01
BAHIA Curve BATH CELLAR kit Ø 80 mm	11033667	01

### DESCRIPTION

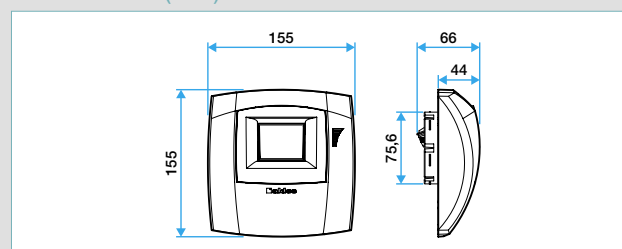
#### Optiflex accessory kit for EasyHOME kit :

- Connect an EasyHOME Hygro kit to an Optiflex Ø90mm duct by using the dedicated Optiflex accessory kit.

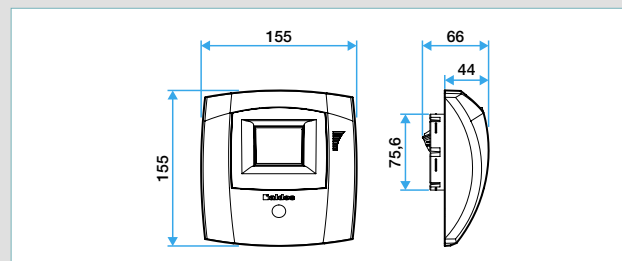
#### BAHIA kits :

- Enables connection of an additional sanitary area to an EasyHOME unit using Ø interior/exterior 78/90 Optiflex ducting.
- Sanitary kit comprising a BAHIA Curve humidity-controlled extract terminal, a Ø80 trident sleeve, EasyClip Optiflex connectors and seals.
- Kitchen kit comprising a BAHIA Curve humidity-controlled extract terminal, a Ø125 flexible trident sleeve, an Optiflex Y-piece to connect 2 x Ø interior/exterior 78/90 ducts, the required EasyClip connectors and seals.
- PUSH kitchen terminal controlled by push button (not supplied).
- PUSH kitchen and WC PRES terminals powered by battery (alkaline 9V, type LR 61, not supplied).

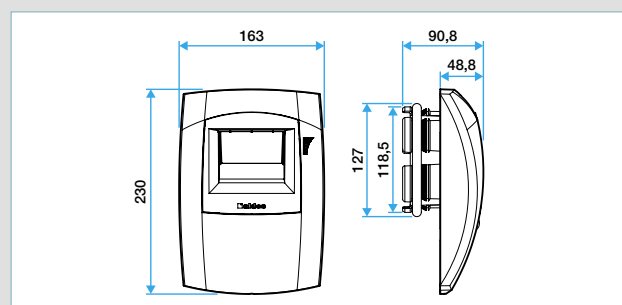
### DIMENSIONS (MM)



BAHIA Curve BATHROOM AND CELLAR



BAHIA Curve WC PRESENCE



BAHIA Curve KITCHEN

### KITS COMPOSITION FOR OPTIFLEX

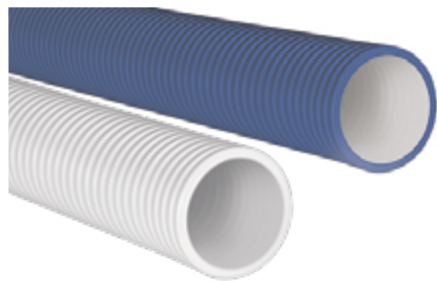
Designation	OPTIFLEX ACCESSORY KIT FOR EASYHOME KIT	KIT BAHIA CURVE PUSH KITCHEN Ø125	KIT BAHIA CURVE BATHROOM Ø80	KIT BAHIA CURVE WC PRES Ø80	KIT BAHIA CURVE BATHROOM 1 TO 5 ROOMS Ø80	KIT BAHIA CURVE BATHROOM/WC 6 TO 7 ROOMS Ø80
Codes	11091994	11033671	11033667	11033668	11033669	11033670
11091988 OPTIFLEX FLEXIBLE CONNECTION EASYCLIP Ø90	4	2	1	1	1	1
11091989 OPTIFLEX STRAIGHT CONNECTION EASYCLIP Ø90	4	2	1	1	1	1
11091990 OPTIFLEX Y-PIECE Ø125 FOR 2 DUCTS Ø90	2	2				
11091991 OPTIFLEX FLEXIBLE CONNECTION SLEEVE Ø125	1	1				
11022074 TRIDENT SLEEVE Ø80	2		1	1	1	1
SEALS	10	4	2	2	2	2
11015068 C21 PUSH 9V Ø125		1				
11015024 B21 Ø80			1			
11015475 W13 PRES Ø80				1		
11015144 BW21 PRES Ø80					1	
11015146 BW22 PRES Ø80						1

\*Cellar: room with water source excluding kitchen and WC, without bath or shower.

# Plastic ductwork and accessories

## Optiflex semi-rigid ductwork

### Circular range Ø 90 for residential HRV units



#### RANGE

Designation	Reference	Discount family
<b>Ducts and Accessories</b>		
Blue anti-static duct Ø 90 ①	11091993	01
White anti-static and anti-bacterial duct Ø 90 ②	11091854	01
Lyre collars (box of 20) ③	11023214	01
Seal Ø 90 (bag of 10) ④	11091893	01
Cap Ø 90 (bag of 5) ⑤	11091894	01
Female sleeve Ø 90 ⑥	11091892	01
90° bend Ø 90 ⑦	11091898	01
<b>Sleeves</b>		
Long Sleeve Ø 125 2x90 ⑧	11091997	01
Short Sleeve Ø 125 2x90 ⑨	11091998	01
<b>Metal casing</b>		
Metal casing 10P Ø 160 ⑩	11021170	01
Metal casing 20P Ø 160 ⑪	11021171	01
Casing connector Ø 90 ⑫	11091891	01

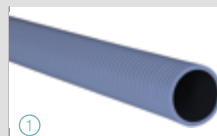
#### DESCRIPTION

- Semi-rigid duct, smooth inner surface.
- Diameter: interior/Exterior : 78/90 mm.
- Material:
  - Blue duct: HDPE with anti-static treatment.
  - White duct: HDPE with anti-static and anti-bacterial treatments (silver ions).
- Packaging: 50 m coil.

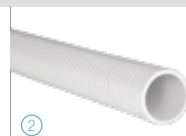
#### INSTALLATION

- Airtight ductwork: sealed airtight connections.
- Low pressure losses: ultra-smooth inner duct surface.
- Flexible: 15 cm curve radius.
- Temperature range: -25 °C to +60 °C.
- The oval ductwork is compatible with the circular version through the use of mixed connectors.

#### DUCTS AND ACCESSORIES



Blue antistatic duct Ø 90 50m  
11091993



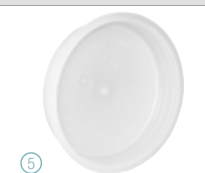
White antistatic and antibacterial duct Ø 90  
11091854



Lyre fastening collar  
11023214



Seal Ø 90  
11091893



Cap Ø 90  
11091894



Female sleeve Ø 90  
11091892



90° bend  
11091898

#### SLEEVES



Long sleeve 2x90 / Ø 125  
11091997



Short sleeve 2x90 / Ø 125  
11091998

#### METAL DISTRIBUTION CASING



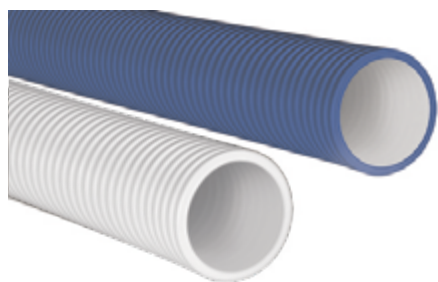
Metal casing 10P 160  
11021170



Metal casing 20P 160  
11021171



Circular casing connector  
Ø 90  
11091891



#### RANGE

Designation	Reference	Discount family
<b>Ducts and Accessories</b>		
Blue anti-static duct Ø 75	① 11091992	01
White anti-static and anti-bacterial duct Ø 75	② 11091872	01
Lyre collars (box of 20)	③ 11023183	01
Cap Ø 75 (bag of 5)	④ 11091876	01
Seal Ø 75 (bag of 10)	⑤ 11091875	01
90° bend Ø 75	⑥ 11091874	01
Female sleeve Ø 75	⑦ 11091873	01
<b>Sleeves</b>		
Long Sleeve Ø 125 2x75	⑧ 11091995	01
Short Sleeve Ø 125 2x75	⑨ 11091996	01
<b>Metal casing</b>		
Metal casing 10P Ø 160	⑩ 11021170	01
Metal casing 20P Ø 160	⑪ 11021171	01
Circular casing connector Ø 75	⑫ 11091878	01

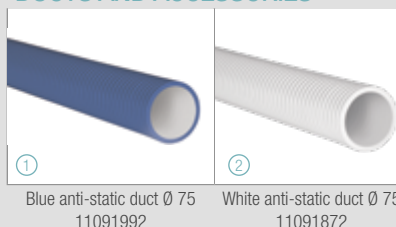
#### DESCRIPTION

- Semi-rigid duct, smooth inner surface.
- Diameter: Interior /Exterior : 63/75 mm.
- Material:
  - Blue duct: HDPE with anti-static treatment.
  - White duct: HDPE with anti-static and anti-bacterial treatments (silver ions).
- Packaging: 50 m coil.

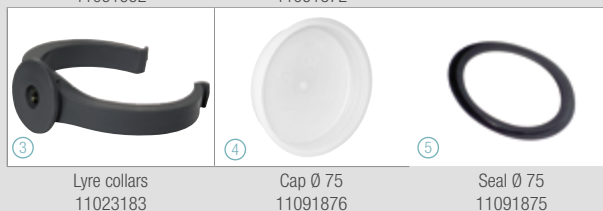
#### INSTALLATION

- Airtight ductwork: sealed airtight connections.
- Low pressure losses: ultra-smooth inner duct surface.
- Flexible: 15 cm curve radius.
- Temperature range: -25 °C to +60 °C.
- The oval ductwork is compatible with the circular version through the use of mixed connectors.

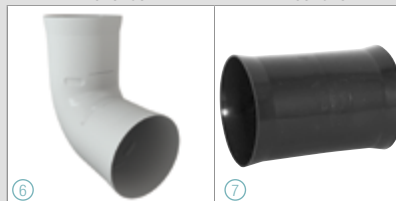
#### DUCTS AND ACCESSORIES



Blue anti-static duct Ø 75 11091992 White anti-static duct Ø 75 11091872



Lyre collars 11023183 Cap Ø 75 11091876 Seal Ø 75 11091875



90° bend 11091874 Female sleeve Ø 75 11091873

#### SLEEVES



Long sleeve 2x75 / Ø 125 11091995 Short sleeve 2x75 / Ø 125 11091996

#### METAL DISTRIBUTION CASING



Metal casing 10P Ø160 11021170 Metal casing 20P Ø160 11021171 Circular casing connector Ø75 11091878





## Air supply and exhaust heat recovery kits for HRV units



Air Supply kit

Self-balanced exhaust kit

### RANGE

Designation	Reference	Discount family
<b>OPTIFLEX kits for Dee Fly AUTO</b>		
Optiflex 2/3-bed Auto air exhaust/supply kit D75	11091966	<b>01</b>
Optiflex Auto Bath/WC air exhaust kit D75	11091967	<b>01</b>
Optiflex D75 for BIO square air supply kit D125	11091968	<b>01</b>
<b>OPTIFLEX standard kit FOR Dee Fly SELF-BALANCED</b>		
Optiflex Auto kit for 2/3-bed air exhaust/supply (eco)	11023182	<b>01</b>
Optiflex Auto kit for Bath/WC air exhaust (eco)	11023181	<b>01</b>
Optiflex supplementary kit for BIO D80 square air supply	11023180	<b>01</b>

### DESCRIPTION

#### Air supply

- BIO Design square adjustable-direction terminals.
- Long Connection sleeve between Optiflex duct Ø 75 to terminal.

#### AUTO self-balanced exhaust ventilation

- Bath/WC: BAP'Si Modulo self-balanced exhaust terminals.
- Kitchen: BIP slat grille + auto-amplifier.
- Connection sleeves between Optiflex duct Ø 75 to terminal.

### CONTENTS OF KITS

Reference	Composition of kit
<b>OPTIFLEX kits for Dee Fly AUTO</b>	
11091966	2 BAP'Si - Modulo S1 Ø 125 5 Bio design square + shaft Ø 125 8 Optiflex 90° long sleeve 2x Ø 75 to 1x grill connection Ø 125 1 BIP kitchen terminal + auto-amplifier Ø 125
11091967	1 Optiflex sleeve Ø 75 bent 2 branch connections Ø 125 1 BAP'Si S1 - Modulo S1 Ø 125
11091968	1 Optiflex 90° long sleeve 2x Ø 75 to 1x grill connection Ø 125 1 BIO Design Ø 125 square
<b>OPTIFLEX standard kit FOR Dee Fly SELF-BALANCED</b>	
11023182	1 Kitchen vane terminal + auto-amplifier D125 2 BAP'Si Modulo terminals shaftless + shaft D116 5 BIO Design rectangular terminals D80 3 Optiflex bent sleeves Ø75 2 branch connections Ø125 5 T-piece bends D80 + 10 extensions D80 5 Collars D75
11023181	1 BAP'Si Modulo terminal shaftless + shaft D116 1 Optiflex bent sleeve Ø75 2 branch connections Ø125
11023180	1 BIO Design rectangular terminal D80 1 T-piece bend D80 + 2 extensions D80 1 Collar D75

# Plastic ductwork and accessories

## Optiflex semi-rigid ductwork

Oval range 132 x 52 (equivalent to Ø 90)



### RANGE

Designation	Reference	Discount family
<b>Ducts and accessories</b>		
White anti-bacterial duct	① 11091857	01
Horizontal 90° bend	② 11091858	01
Vertical 90° bend	③ 11091859	01
Oval rotation connector	④ 11091860	01
Airtight connection seal (bag of 10)	⑤ 11091861	01
Cap (bag of 5)	⑥ 11091862	01
Mounting flange (bag of 10)	⑦ 11091864	01
Airflow controller	⑧ 11091870	01
<b>Sleeves</b>		
Sleeve Ø 125 90° 1P	⑨ 11091865	01
Sleeve Ø 125 90° 2P	⑩ 11091866	01
Sleeve Ø 125 straight 1P	⑪ 11091867	01
Sleeve Ø 125 rectangular 1P	⑫ 11091868	01
<b>PE casing</b>		
Distribution casing	⑬ 11091884	01
PE airtight casing connector (bag of 5)	⑭ 11091887	01
PE casing bar (set of 4)	⑮ 11091927	01
Horizontal bend for PE casing	⑯ 11091928	01
Vertical bend for PE casing	⑰ 11091929	01
PE Y-piece Ø 160	⑱ 11091885	01
PE casing funnel Ø 125	⑲ 11091886	01

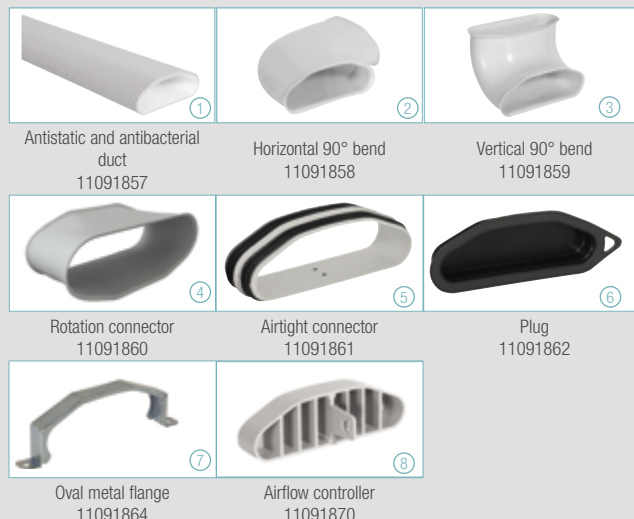
### DESCRIPTION

- Semi-rigid duct, smooth inner surface.
- Dimensions: 132 x 52 mm, equivalent to Ø 90.
- Packaging: 20 m coil.
- Material: HDPE with anti-static and anti-bacterial treatments (silver ions).

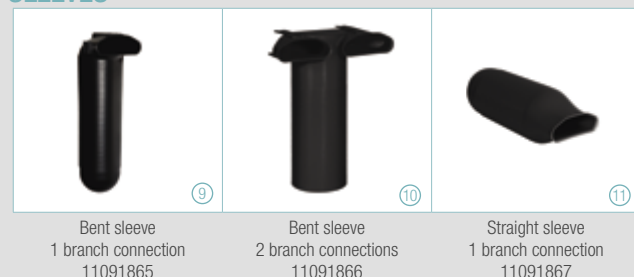
### INSTALLATION

- Airtight ductwork: airtight seal at each junction.
- Low pressure losses: ultra-smooth inner duct surface.
- Flexible: 30 cm curve radius.
- Temperature range: -25 °C to +60 °C.
- The oval ductwork is compatible with the circular version through the use of mixed connectors.

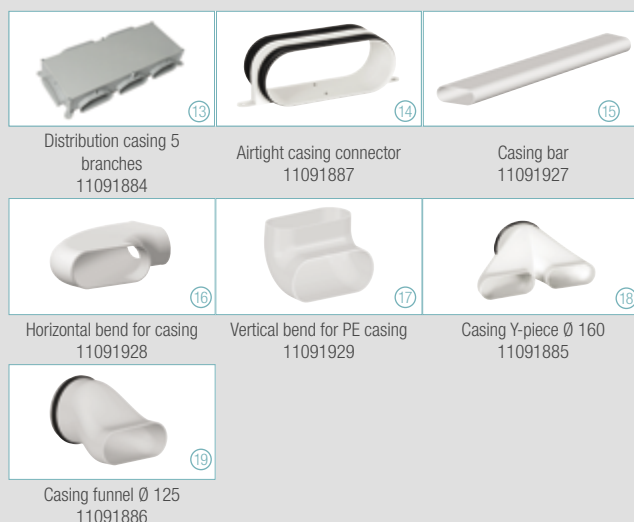
### DUCTS AND ACCESSORIES



### SLEEVES



### PE DISTRIBUTION CASING



# Plastic ductwork and accessories

## Optiflex semi-rigid ductwork



## Mixed accessories



### RANGE

Designation	Reference	Discount family
<b>Mixed connectors Ø 75</b>		
Mixed bend connector	11091879	01
Mixed straight connector	11091880	01
<b>Mixed connectors Ø 90</b>		
Mixed bend connector	11091897	01
Mixed straight connector	11091896	01

### INSTALLATION

Mixed connectors serve to connect a section of circular ductwork to a section of oval ductwork, while changing or maintaining the same direction.

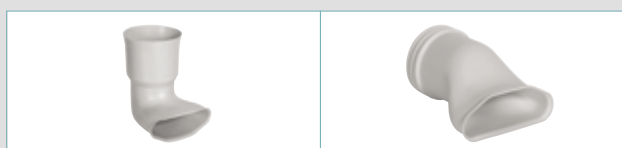
### MIXED CONNECTORS Ø 75 / OVAL



Mixed bend connector  
11091879

Mixed straight connector  
11091880

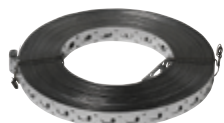
### MIXED CONNECTORS Ø 90 / OVAL



Mixed bend connector  
11091897

Mixed straight connector  
11091896

## Mounting accessories



### RANGE

Designation	Reference	Discount family
Perforated strip 17 mm	11090049	22
Perforated strip 25 mm	11091019	22
Shaft 80 / 125	11015017	05

### INSTALLATION

- The perforated strip is used to fix the ventilation ductwork to a support.
- The shaft is an adapter that inserts into Ø 125 sleeves. It serves to reduce the connection from Ø 125 to D80.

### ACCESSORIES



Perforated strip 17 mm  
11090049

Perforated strip 25 mm  
11091019

Shaft 80 / 125  
11015017





## EasyHOME® PureAIR

**The first connected air purification solution capable of detecting multiple pollutants.**

**EasyHOME® PureAIR** is a centralised ventilation and air purification solution for refurbishment projects. Incoming air is filtered by the **AirFILTER®** air inlets to remove pollen, fine particles and bacteria. Indoor air is extracted to remove CO<sub>2</sub>, VOC and humidity from inside.

**EasyHOME® PureAIR** is fitted with multi-pollutant sensors which detect pollution in indoor air and automatically adapt the purification airflow. Contaminated air is efficiently removed, ensuring optimal air quality inside the dwelling.

**Make the difference with EasyHome® PureAIR !**



# Plastic ductwork and accessories

## Insulated rigid ducts



### Calogaine



Calogaine ducts

Calogaine bends

#### RANGE

Designation	Reference	Discount family
CALOGAINE Ø 160 mm length 2 m	11023210	01
CALOGAINE 30° bend Ø 160 mm	11023211	01
CALOGAINE 45° bend Ø 160 mm	11023212	01
CALOGAINE 90° bend Ø 160 mm	11023213	01
CALOGAINE sealed connection Ø 160 mm	11023209	01

#### DESCRIPTION

- Ducts and bends made of polyethylene foam.
- Inner diameter Ø 160 mm.
- Thickness 16 mm.
- Duct length 2 m.
- Bends available in 90°, 45° or 30°.
- Operating temperature range: -40 °C to +105 °C. Fire protection rating: B1 according to DIN 4102
- Thermal conductivity: 0.045 W/m.K
- Thermal insulation equivalent to 25 mm of fibreglass.
- Airtight, watertight and vapour-tight.
- Sealed connector Ø 160 mm.

#### FIELD OF APPLICATION

- Ventilation ductwork for single-family dwellings.
- New and existing buildings.
- Perfect for new and exhaust air ductwork, or blown and recovered air ductwork.
- Suitable for HRV systems.

#### INSTALLATION

- Female connectors on ducts and bends.
- Sealed male connectors to join two Calogaine ducts or accessories.

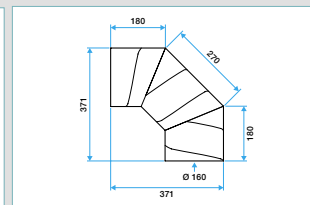
#### ADVANTAGES

- Efficient and aesthetic ductwork, ideal for inlets and outlets on fan units.
- Efficient thermal insulation and sound-proofing with lightweight materials.
- Quick and simple to install.
- Low pressure losses and easy to clean.
- Perfectly airtight sealed connections.

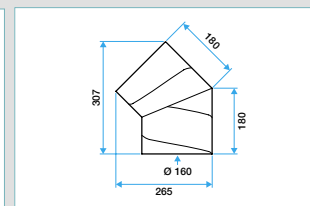
#### ACCESSORIES - DIMENSIONS



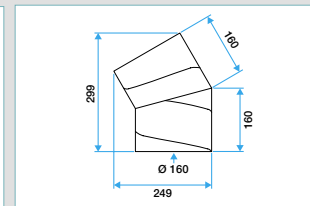
90° bend - 11023213



45° bend - 11023212



30° bend - 11023211



Sealed connector - 11023209



Exemple bend + sealed connector



### Distribution casing



Insulated circular casing



Insulated distribution casing



Flat distribution casing

#### RANGE

Designation	Reference	Discount family
<b>Circular ductwork</b>		
Insulated circular casing 1 x $\varnothing$ 160 inlet + 1 x $\varnothing$ 125 outlet + 6 x $\varnothing$ 80 outlets (6 connections possible)	11023194	01
Insulated circular casing 1 x $\varnothing$ 160 inlet + 6 x $\varnothing$ 125 outlets	11023195	01
Insulated distribution casing 1 x $\varnothing$ 125 inlet / 6 x $\varnothing$ 80 outlets	11023037	01
Bag of 5 plugs $\varnothing$ 80 mm	11026024	01
<b>Minigaine ductwork</b>		
Flat distribution casing with 3 outlets	11023048	01
Flat distribution casing with 6 outlets	11023049	01
Minigaine plug $\varnothing$ 80 mm	11023098	01

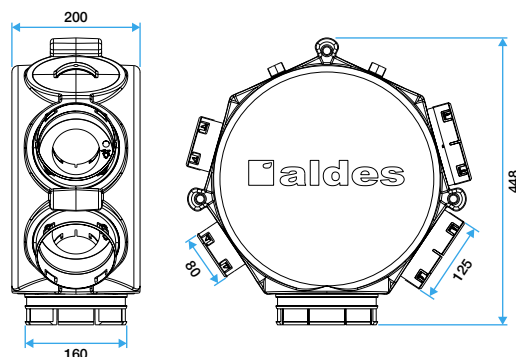
#### DESCRIPTION

- Flat ABS distribution casing with 3 or 6 Minigaine connections for installation in false ceiling in heated area.
- Insulated PPE distribution casing with 6 connections for installation in non-heated area with insulated circular ducts.
- Insulated PPE distribution casing with 6 connections for installation in non-heated area with insulated circular ducts.

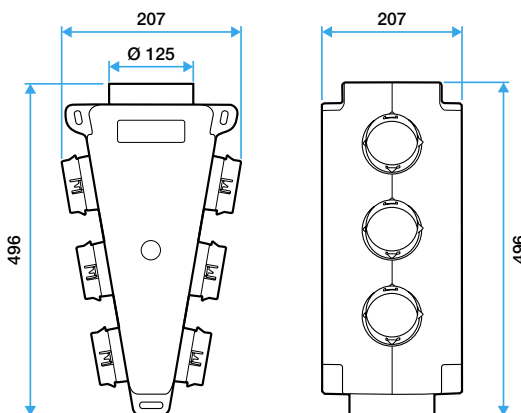
#### FIELD OF APPLICATION

- Homogeneous distribution of air supply throughout the dwelling.

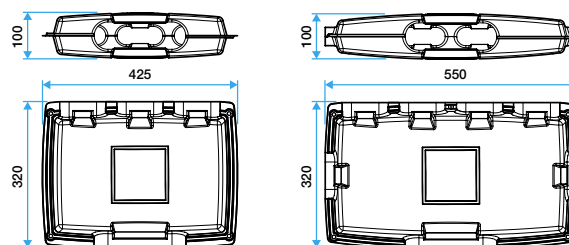
#### DIMENSIONS



Insulated circular casing

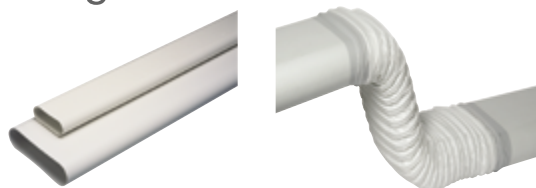


Insulated distribution casing



Flat distribution casing

### Minigaine



#### ADVANTAGES

- Easy to install in false ceiling: small dimensions.
- Quality of system: crush-resistant, does not tear.
- Control over pressure loss.
- Decorative outer appearance: ideal for renovation projects.

#### RANGE

- Single-family dwellings.
- New and existing buildings.
- Temperature range: 0 °C / + 60 °C.
- Fire resistance rating:
  - M2 for ducts
  - M4 for accessories.

### Minigaine 40 x 100

#### DESCRIPTION

Minigaine 40 x 100

- Dimensions 40 x 100 mm: equivalent to Ø 80 mm.
- Male PVC duct.
- Female shock-proof PS accessories.

#### RANGE

Designation	Reference	Discount family
<b>Ductwork and accessories for Minigaine 40 x 100 mm (equivalent Ø 80 mm)</b>		
1 m duct	11091101	01
3m duct	11091102	01
Female connector ①	11023017	01
Male connector ②	11023082	01
Vertical 90° bend ③	11023976	01
Horizontal 90° bend ④	11023977	01
Minigaine eq. plug Ø 80 mm ⑤	11023098	01
<b>Mixed 40 x 100 accessories to connect a terminal (Ø 80 mm inside) or circular duct (Ø 80 mm outside)</b>		
Fastening flange ⑥	11023080	01
Mixed bend for terminal Ø 80 mm ⑦	11023002	01
Mixed connector for duct Ø 80 mm ⑧	11023978	01
2 m net flexible connection Ø 80 mm ⑨	11023008	01
Circular extension Ø 80 mm ⑩	11023046	01

### Minigaine 60 x 200

#### DESCRIPTION

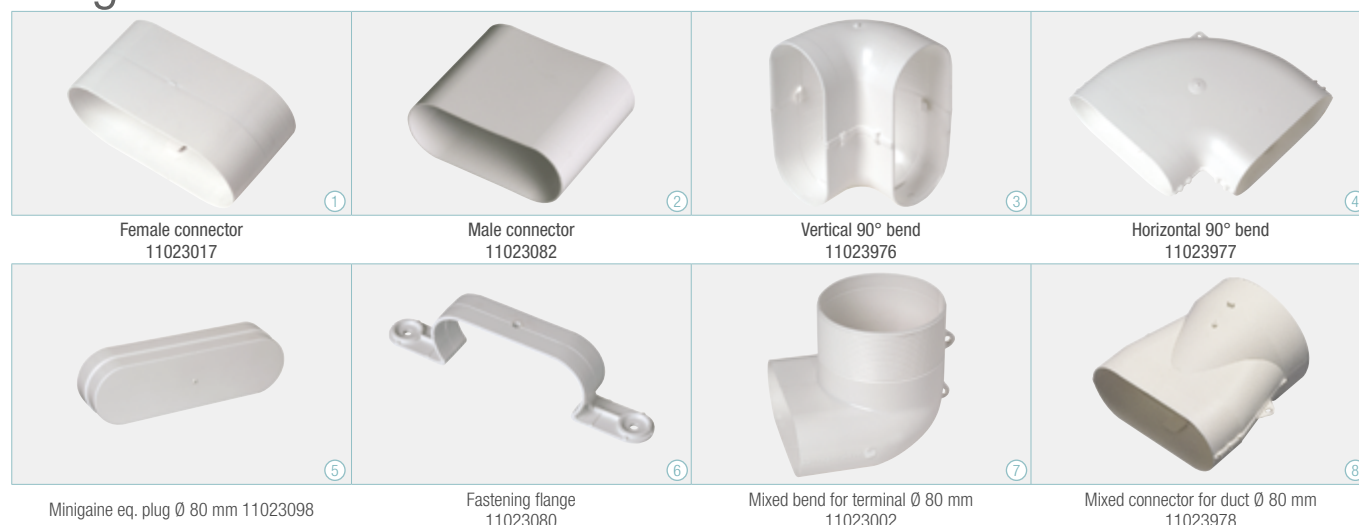
Minigaine 60 x 200

- Dimensions 60 x 200 mm: equivalent to Ø 125 mm.
- Male PVC duct.
- Female ABS or shock-proof PS accessories.

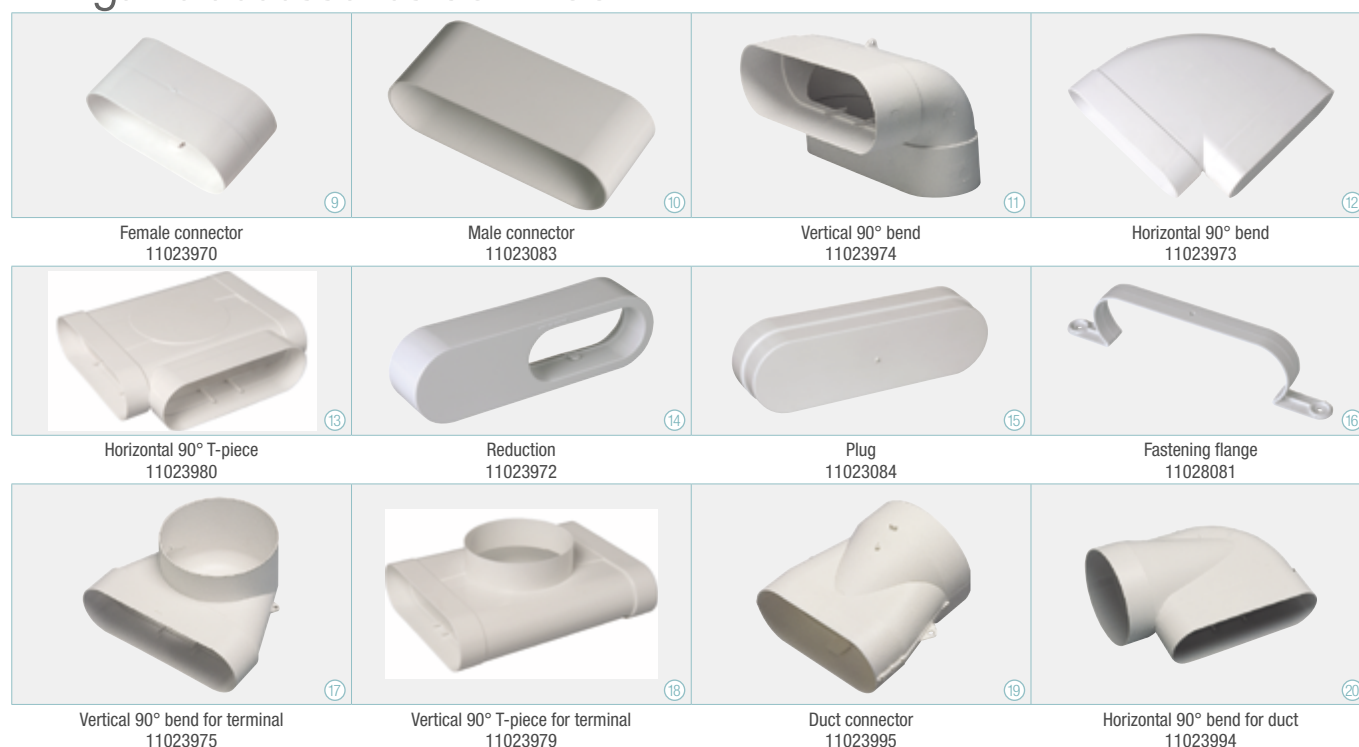
#### RANGE

Designation	Reference	Discount family
<b>Ductwork and accessories for Minigaine 60 x 200 mm (equivalent Ø 125 mm)</b>		
1 m duct	11023085	01
3 m duct	11023971	01
Female connector ⑨	11023970	01
Male connector ⑩	11023083	01
Vertical 90° bend ⑪	11023974	01
Horizontal 90° bend ⑫	11023973	01
Horizontal 90° T-piece ⑬	11023980	01
Reduction ⑭	11023972	01
Plug ⑮	11023084	01
Fastening flange ⑯	11028081	01
2 m net flexible connection Ø 125 mm ⑰	11023009	01
<b>Mixed 60 x 200 accessories to connect a terminal (Ø 125 mm inside) or circular duct (Ø 125 mm outside)</b>		
Vertical 90° bend for terminal ⑱	11023975	01
Vertical 90° T-piece for terminal ⑲	11023979	01
Duct connector ⑳	11023995	01
Horizontal 90° bend for duct ㉑	11023994	01
<b>Circular ductwork and accessories Ø 125 mm</b>		
3 m duct	11023087	01
Circular extension Ø 125 mm ㉒	11023088	01
Female connector Ø 125 mm ㉓	11023086	01

### Minigaine accessories 40 x 100 mm



### Minigaine accessories 60 x 200 mm



### Additional accessories for Minigaine ductwork





# Plastic ductwork and accessories

## Standard flexible plastic ducts



## Standard compact Algaïne



### RANGE

Designation	Reference	Discount family
Algaïne insulated compact Ø 80 mm (box of 20 m)	11091198	01
Algaïne insulated compact Ø 125 mm (box of 20 m)	11091199	01

### ADVANTAGES

- Waste-free packaging.
- Maximum capacity: 20 m in 50 cm.
- Practical dispenser: opening pre-cut to dimensions.
- Easy to store and transport.
- Markings every meters.

### DESCRIPTION

- PVC film + steel wire.
- Temperature range: -10 °C / +60 °C.
- Packaging: 20 m of duct in a 50 cm-long box.
- Markings every meters.

## Standard Algaïne



### RANGE

Designation	Reference	Discount family
Algaïne Ø 63 mm (10 m section)	11091600	01
Algaïne Ø 80 mm (10 m section)	11091601	01
Algaïne Ø 100 mm (10 m section)	11091602	01
Algaïne Ø 125 mm (10 m section)	11091603	01
Algaïne Ø 150 mm (10 m section)	11091604	01
Algaïne Ø 160 mm (10 m section)	11091605	01
Algaïne Ø 200 mm (10 m section)	11091606	01

### ADVANTAGES

- Economic
- Length 10 m

### DESCRIPTION

- PVC film + steel wire.
- Temperature range: -10°C / +60°C.
- 10 m roll.
- Markings every meter.

## Standard Algaïne fibre-reinforced



### RANGE

Designation	Reference	Discount family
Algaïne FV Ø 63 mm (6 m section)	11091627	01
Algaïne FV Ø 80 mm (6 m section)	11091628	01
Algaïne FV Ø 100 mm (6 m section)	11091629	01
Algaïne FV Ø 125 mm (6 m section)	11091630	01
Algaïne FV Ø 150 mm (6 m section)	11091631	01
Algaïne FV Ø 160 mm (6 m section)	11091632	01
Algaïne FV oblong 100 x 40 (6 m section)	11091693	01
Algaïne FV oblong 135 x 65 (6 m section)	11091695	01
Algaïne FV oblong 160 x 80 (6 m section)	11091696	01

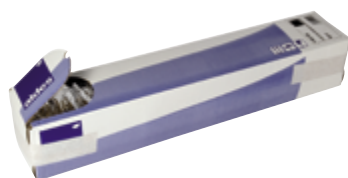
### ADVANTAGES

- Higher resistance
- M1 fire protection rating
- Available in circular and oblong format

### DESCRIPTION

- PVC film + polyester fibre + steel wire.
- Temperature range: -10°C / +80°C.
- Fire protection rating: M1 (non-inflammable).
- 6 m roll.

## Insulated compact Algaine



### RANGE

Designation	Reference	Discount family
Algaine insulated compact Ø 80 mm (box of 12 m)	11091184	01
Algaine insulated compact Ø 125 mm (box of 12 m)	11091185	01

### ADVANTAGES

- Prevents condensation in duct.
- Maximum packaging: length 12 m.
- Minimum dimensions for maximum length of duct.
- Dispenser box: easy to transport and store.

### DESCRIPTION

- Inner surface: PVC film + steel wire.
- Outer surface: aluminium-coated polyester film.
- Insulation: 25 mm fibreglass.
- Temperature range: -10 °C / +70 °C
- Packaging: 12 m of duct in a 1 m-long box.

## Insulated Algaine 25 mm thick



### RANGE

Designation	Reference	Discount family
Algaine insulated 25 mm Ø 80 mm (6 m section)	11091619	01
Algaine insulated 25 mm Ø 100 mm (6 m section)	11091620	01
Algaine insulated 25 mm Ø 125 mm (6 m section)	11091621	01
Algaine insulated 25 mm Ø 150 mm (6 m section)	11091622	01
Algaine insulated 25 mm Ø 160 mm (6 m section)	11091623	01
Algaine insulated 25 mm Ø 200 mm (6 m section)	11091624	01
Algaine insulated 25 mm Ø 250 mm (6 m section)	11091625	01
Algaine insulated 25 mm Ø 315 mm (6 m section)	11091626	01

### ADVANTAGES

- Prevents condensation in duct.
- Inner duct surface made polyester fibre with steel wire.
- Enhanced resistance.

### DESCRIPTION

- Inner surface: PVC film + steel wire.
- Outer surface: aluminium-coated polyester film.
- Insulation: 25 mm fibreglass.
- Temperature range: -10 °C / +70 °C
- 6 m roll.

## Insulated Algaine 50 mm thick



### RANGE

Designation	Reference	Discount family
Algaine insulated 50 mm Ø 80 mm (6 m section)	11091641	01
Algaine insulated 50 mm Ø 125 mm (6 m section)	11091642	01
Algaine insulated 50 mm Ø 160 mm (6 m section)	11091643	01
Algaine insulated 50 mm Ø 200 mm (6 m section)	11091644	01

### ADVANTAGES

- Suited to heat recovery and heating applications.
- Prevents risk of condensation inside duct.
- Inner duct surface made polyester fibre with steel wire.
- Box containing 6 m.

### FIELD OF APPLICATION

- Dee Fly applications: ductwork outside heated areas between heat exchanger and dwelling.
- Heating and cooling applications: optimised performance at high/low temperatures.

### DESCRIPTION

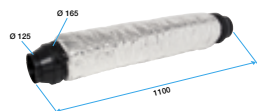
- Inner surface: PVC film + steel wire.
- Outer surface: aluminium-coated polyester film.
- Insulation: 50 mm fibreglass.
- Temperature range: -10 °C / +70 °C
- Packaging: 6 metres of duct compacted into 80 cm box.



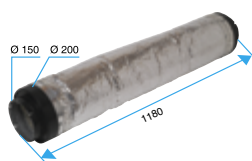
### Sound-proofed connections



Absorb'son Ø 80 mm



Sound-proofed connection Ø 125 mm



Sound-proofed connection Ø 150 mm

#### RANGE

Designation	Reference	Discount family
Absorb'son Ø 80 mm	11122009	01
Sound-proofed connection Ø 125 mm	11026002	01
Sound-proofed connection Ø 150 mm	11122012	01

#### DESCRIPTION

- Sound-proofed connection for kitchen (Ø 125 and 150 mm) and bath/WC exhaust (Ø 80 mm).

### Connectors



Connector sleeve Ø 80 mm



RM insert (male) connector:



RCC reduction

#### RANGE

Designation	Reference	Discount family
Plastic connector Ø 80 mm	11022002	01
Galvanised male connector Ø 80 mm	11093041	22
Galvanised male connector Ø 100 mm	11093042	22
Galvanised male connector Ø 125 mm	11093043	22
Galvanised male connector Ø 160 mm	11093045	22
Galvanised male connector Ø 125 mm	11093046	22
Galvanised reduction Ø 100 - Ø 80 mm	11093500	22
Galvanised reduction Ø 125 - Ø 100 mm	11093501	22
Galvanised reduction Ø 125 - Ø 80 mm	11093502	22
Galvanised reduction Ø 160 - Ø 125 mm	11093503	22
Galvanised reduction Ø 160 - Ø 100 mm	11093504	22
Galvanised reduction Ø 160 - Ø 80 mm	11093505	22
Galvanised reduction Ø 200 - Ø 160 mm	11093506	22
Galvanised reduction Ø 250 - Ø 160 mm	11093510	22

#### DESCRIPTION

- Male connectors to join two sections of flexible duct.

### Components



Easy-clip collars



RAV

#### RANGE

Designation	Reference	Discount family
CSF Ø 80 mm (set of 10)	11094651	22
CSF Ø 100 mm (set of 10)	11094652	22
CSF Ø 125 mm (set of 10)	11094653	22
CSF Ø 150 mm (set of 10)	11094650	22
CSF Ø 160 mm (set of 10)	11094654	22
Bag of 10 Easy-Clip collars Ø 80 mm	11133979	01
Bag of 10 Easy-Clip collars Ø 125 mm	11133980	01
RAA, width 50 mm, roll of 50 m	11091013	22
RAV, roll of 50 m	11091010	22
Silicone sealant - 310 ml cartridge	11090053	22

#### DESCRIPTION

- Components for fastening and sealing connectors



## Terminals and sleeves

### RANGE

Designation	Reference	Discount family
<b>ColorLINE®</b>		
Kit ColorLINE® Ø80 mm - Back support + White front panel	11022156	01
Kit ColorLINE® Ø125 mm - Back support + White front panel	11022157	01
Back support ColorLINE® - Ø80 mm - White	11022158	01
Back support ColorLINE® - Ø125 mm - White	11022159	01
Back support Ø80 mm - Black	11022175	01
Back support Ø125 mm - Black	11022176	01
ColorLINE® design front panel - Chill Grey	11022160	01
ColorLINE® design front panel - Grege	11022161	01
ColorLINE® design front panel - Taupe	11022162	01
ColorLINE® design front panel - Anthracite	11022163	01
ColorLINE® design front panel - Paprika	11022164	01
ColorLINE® design front panel - Lagoon Blue	11022165	01
ColorLINE® design front panel - Turquoise Blue	11022166	01
ColorLINE® design front panel - Plum	11022167	01
ColorLINE® design front panel - Fuschia	11022168	01
ColorLINE® design front panel - White wood	11022169	01
ColorLINE® design front panel - Oak	11022170	01
ColorLINE® design front panel - Wengé	11022171	01
ColorLINE® design front panel - Brushed Aluminium	11022172	01
ColorLINE® design front panel - Titanium	11022173	01
ColorLINE® design front panel - Customizable	11022174	01
<b>Terminals</b>		
BIP Ø 80 mm	11022073	01
BIP Ø 125 mm	11022078	01
Kitchen terminal + filter Ø 150 mm	11022015	01
Rectangular BIO Ø 80 mm	11022064	01
Square BIO Ø 125 mm	11022061	01
Square BIO Ø 80 mm	11022065	01
Shaft Ø 125 mm	11019023	03
Self amplifying for kitchen	11129835	01
Terminal + right air supply sleeve	11023012	01
Deflector terminal for air supply	11023941	01
<b>Trident sleeves</b>		
Trident sleeve Ø 80 mm	11022074	01
Trident sleeve Ø 125 mm	11033007	01
Trident sleeve for humidity-controlled Ø 125/80 mm	11085343	01
<b>Claw-fit sleeve</b>		
Claw-fit sleeve Ø 80 mm	11022001	01
Extension for claw-fit sleeve Ø 80 mm	11022003	01
<b>Metal sleeves</b>		
Metal sleeve Ø 125 mm	11022055	01
Lock washer Ø 125 mm	11087043	01
<b>Terminals + sleeves</b>		
BIP + Trident sleeve Ø 80 mm	11022067	01
BIP + claw-fit sleeve Ø 80 mm	11022016	01
BIP + Trident sleeve Ø 125 mm	11026015	80

### DESCRIPTION

- ColorLINE® self-balanced ventilation grille:
  - For air exhaust and air supply
  - Universal attachment to all types of sleeves
  - Wall or ceiling installation
  - Adjustable air diffusion
  - Compatible with Optiflex, Minigaine and Algaine
- Plastic terminals for air exhaust (BIP) and air supply (BIO Design).
- Ø 125 shaft required to mount square BIO Design terminal Ø 125.
- Trident sleeve:
  - Ø 80 mm: BIP, BIO Design, BAHIA Curve, Bap'SI,
  - Ø 125 mm: BIP and BIO Design with shaft Ø 125 mm, BAHIA Curve, Bap'SI,
  - humidity-controlled Ø 125/80 mm: BAHIA Curve.
- Claw-fit sleeve:
  - Ø 80 mm only,
  - composition: 1 collar and 3 extensions,
  - supplied with a locking washer,
  - extensions to increase height sold separately.

ColorLINE grilles : see p.132.

### ADVANTAGES

- BIP: new design.

#### COLORLINE®



ColorLINE® 80 or 125 mm

Design plate : 15 colours available

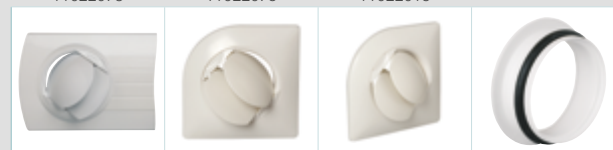
#### TERMINALS



BIP  
Ø 80 mm  
11022073

BIP kitchen  
Ø 125 mm  
11022078

Kitchen terminal  
+ filter Ø 150 mm  
11022015



BIO Design  
rectangular  
Ø 80 mm  
11022064

BIO Design square  
Ø 80 mm  
11022065

BIO Design square  
Ø 125 mm  
11022061

Shaft Ø 125 mm  
11019023

#### TRIDENT SLEEVES



Trident sleeve  
Ø 80 mm  
H = 75 mm  
11022074

Trident sleeve  
Ø 125 mm  
H = 112 mm  
11033007

Trident sleeve for humidity-  
controlled Ø 125/80 mm  
H = 125 mm  
11085343

#### CLAW-FIT SLEEVES



Claw-fit sleeve Ø 80 mm  
H = 133 mm  
11022001

Extension for claw-fit sleeve Ø 80 mm  
H = 33 mm  
11022003

#### METAL SLEEVES



Metal sleeve  
Ø 125 mm  
H = 300 mm  
11022055

Lock washer  
Ø 125 mm  
11087043

Metal sleeve  
Ø 150 mm  
+ PF  
11022007

#### TERMINALS + SLEEVES



BIP + Trident sleeve  
Ø 80 mm  
11022067

BIP + claw-fit sleeve  
Ø 80 mm  
11022016

BIP + Trident sleeve  
Ø 125 mm  
11026015





## Grille

### Fresh air intake solution



AWA 251 terminal

#### RANGE

Designation	Reference	Discount family
Outdoor grille	11053757	10
Plenum for AWA Grille	11052039	10

#### DESCRIPTION

##### Terminal

- Extruded aluminium frame with extruded aluminium horizontal rain-guard vanes.
- 25 mm spacing between vanes.
- Interior section with diamond mesh 10 X 30 protective screen, Ø 0.8 mm.
- Anodised aluminium finish, natural satin hue.
- Visible attachment with screws in frame.

##### Plenum:

MT F3: Connection plenum with rear stitching.  
Made of galvanized sheet steel.

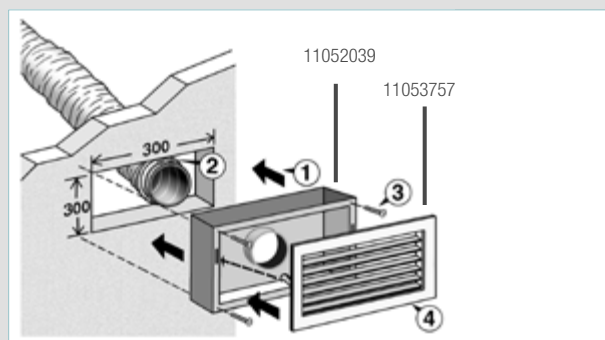
#### FIELD OF APPLICATION

- Fresh air inlet or exhaust air discharge.
- Wall-mounted.

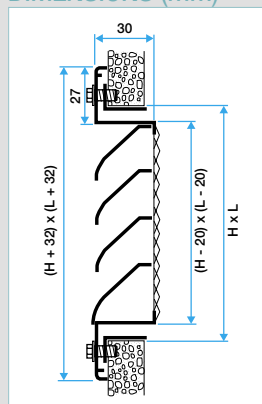
#### INSTALLATION

- Preferably, place the fresh air intake on the facade.
- Use a mural fresh air terminal offering low pressure losses, such as AWA 300x300mm

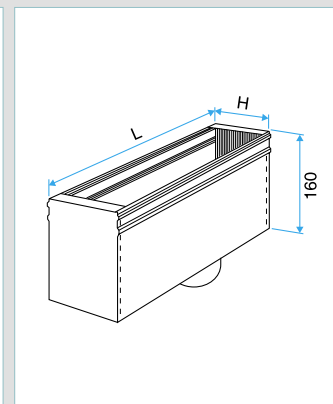
#### ASSEMBLY



#### DIMENSIONS (mm)

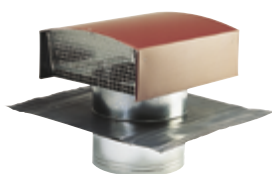


AWA grille



Plenum

### Standard roof outlet: STS



#### RANGE

Description	Reference	Discount category
STS 160	11030110	1

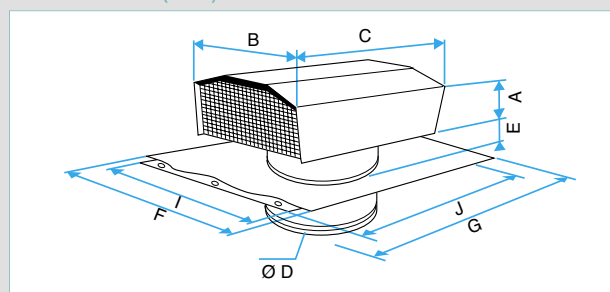
#### DESCRIPTION

- The STS roof outlet is made of galvanised steel.
- It comprises:
  - 1 - a rotating rain hood fitted with a protective screen (removable),
  - 2 - a roof support plate fitted with four fastening strips,
  - 3 - a duct connection shaft.
- Finish: smooth anthracite grey paint finish (RAL 7024).

#### SCOPE

- Roof outlet for CMEV and air conditioning system in multi-dwelling residential and commercial buildings.
- Used for both air intake and air exhaust.
- Kitchen hood exhaust possible.

#### DIMENSIONS (mm)



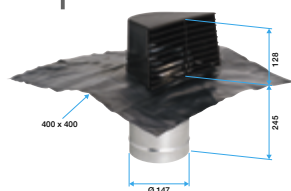
Description	A	B	C	Ø D	E	F	G	I	J
STS 160	65	248	300	160	82	500	400	-	-

#### INSTALLATION

- STS 160 mm: the metal sleeve used to connect to the ventilation duct is embedded in the adaptable lead apron to ensure air tightness.
  - Remove the rain hood clipped on the sleeve,
  - Shape the lead apron around the framework and avoid the crimp edges,
  - If the roof is tiled, it is recommended to insert shims aligned with the beams to support the lead apron,
  - Install the rain hood with the air outlet perpendicular to the roof slope.

## Roof outlets

### Flap outlet



#### RANGE

Designation	Reference	Discount family
Grey flap outlet + lead plate	11022036	01
Brown flap outlet + lead plate	11022042	01

#### ADVANTAGES

- Available in grey and brown.
- Discreet installation.
- Low pressure losses.

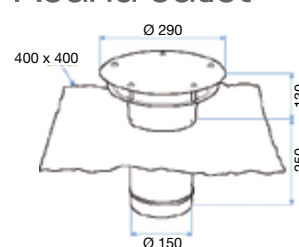
#### DESCRIPTION

- ABS deflector with protective grille.
- Available in grey (RAL 7015) or brown (RAL 8028).
- Galvanised steel sleeve Ø 150 mm.
- Ø 125 mm connection with adapter seal supplied.
- Lead plate 400 x 400 mm.

#### FIELD OF APPLICATION

- Air inlet or discharge for CMEV system.
- For all roof types: tile, slate, etc.

### Round outlet



Round outlet + lead plate



For socket tiles

#### RANGE

Designation	Reference	Discount family
Brown round outlet + lead plate	11022037	01
Brown round outlet for socket tile	11022040	01
Adapter seal Ø 150/125 mm	11122697	01

#### ADVANTAGES

- Very low pressure losses.
- Compatible with Gas CMEV.
- Exists with lead plate or for socket tile.

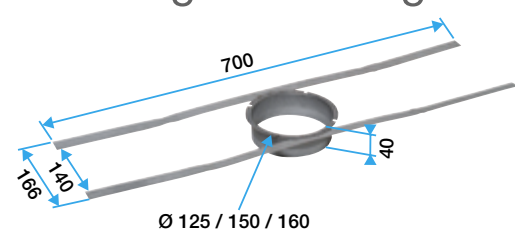
#### DESCRIPTION

- Brown aluminium deflector.
- Aluminium sleeve Ø 150 mm.
- Ø 125 mm connection with adapter seal.
- Lead plate 400 x 400 mm.

#### FIELD OF APPLICATION

- Air inlet or discharge for CMEV system.
- For all roof types (lead plate) or for socket tile Ø 150 mm.

### Fastening for discharge on socket tile



#### RANGE

Designation	Reference	Discount family
Roof frame fastener Ø 125 mm	11022045	01
Roof frame fastener Ø 150 mm	11022011	01
Roof frame fastener Ø 160 mm	11022047	01

#### DESCRIPTION

- Sleeve made of galvanised steel.
- Galvanised steel fastening brackets.
- Available in Ø 125 mm, Ø 150 mm or Ø 160 mm.

CAUTION: requires a tile and cowl of sufficient dimensions to prevent air discharge into attic.

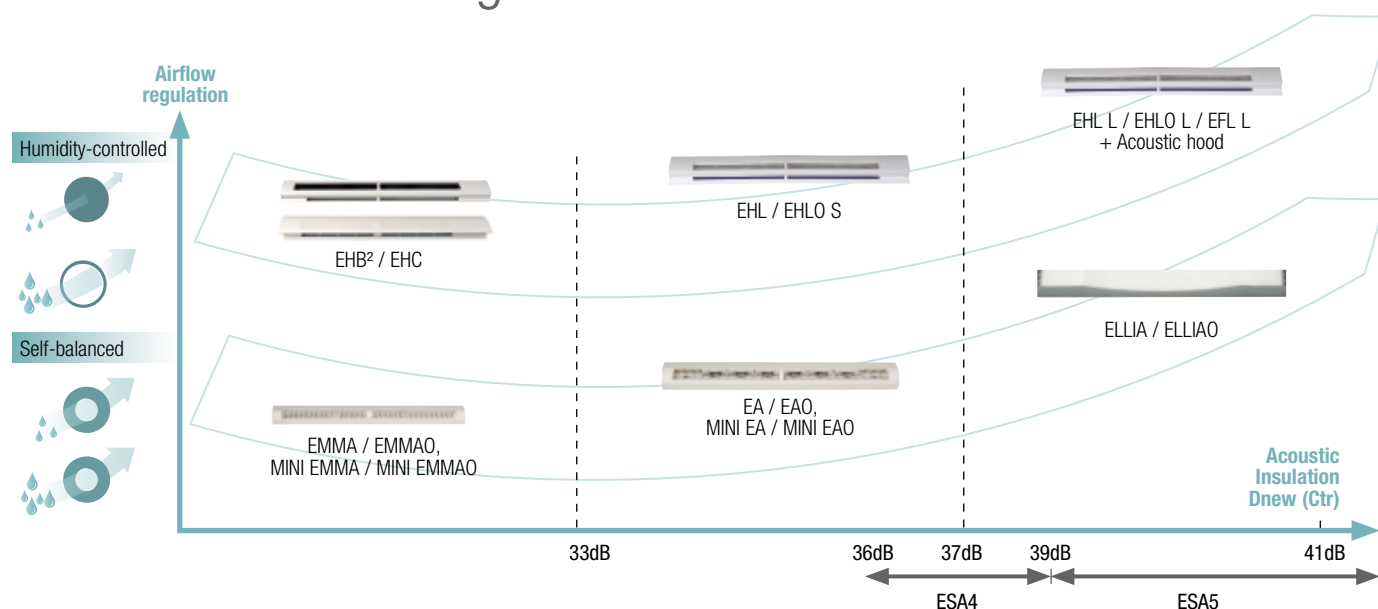
#### FIELD OF APPLICATION

- Air discharge for CMEV system.
- Used to connect the discharge behind a socket tile.


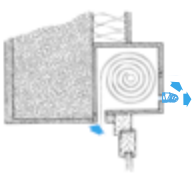



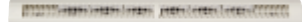
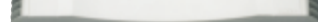



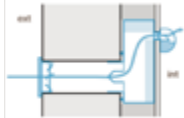
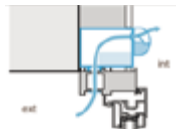






# Air inlets and ventilation grilles

The range by performance level

## Windows frame mounting

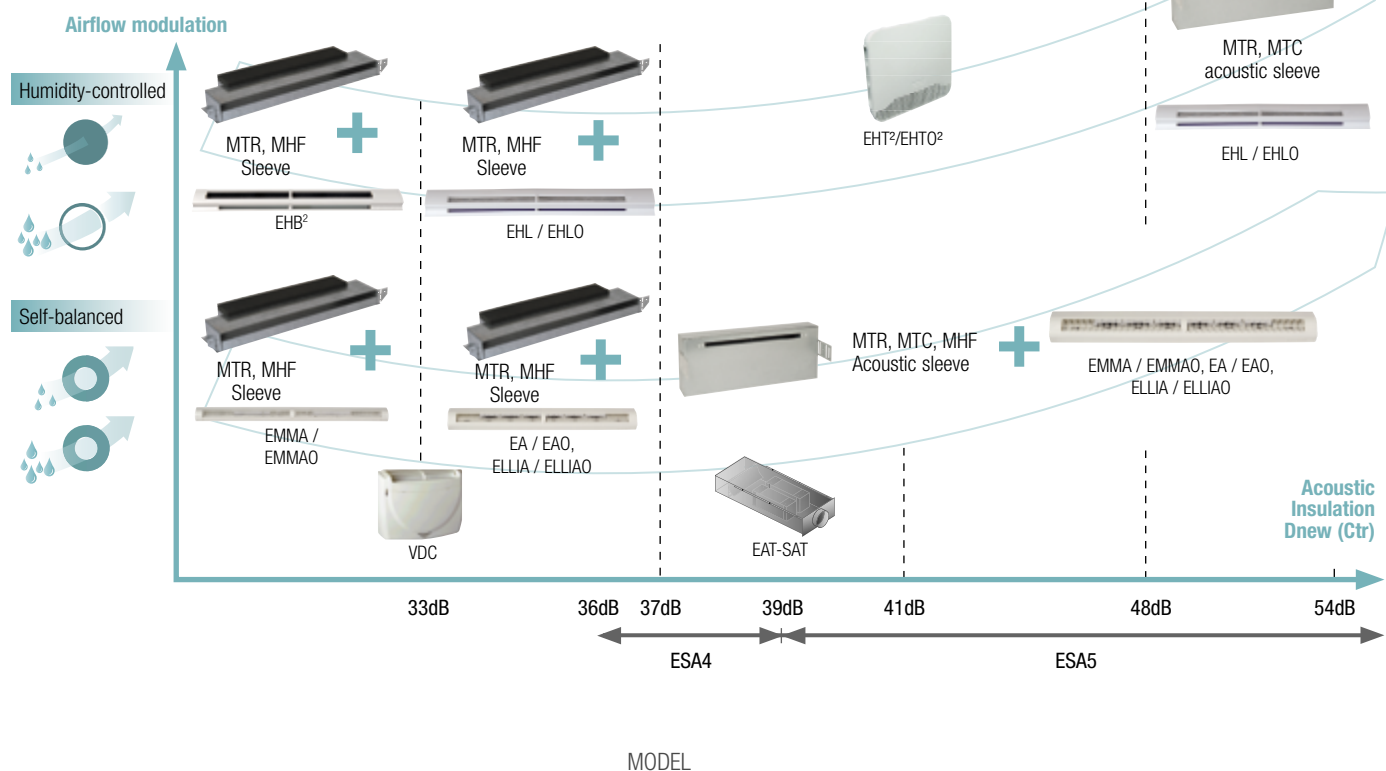


## SELECTION GUIDE BY INSTALLATION MODE AND AIRFLOW

	INSTALLATION	RANGE	MODEL
<p>IN WINDOWS FRAME OR ROLLING SHUTTER CASINGS</p>  	CENTER DISTANCE l < 300 mm	MINI EMMA / MINI EMMAO	
		MINI EA / MINI EAO	
	CENTER DISTANCE l < 300 mm	EMMA / EMMAO	
		EA / EAO	
		ELLIA / ELLIAO	
		EHB <sup>2</sup>	
		EHC	
		EHL / EHLO - EFL	
<p>IN WALL PENETRATION</p>  	CIRCULAR PENETRATION	EHT <sup>2</sup>	
		VDC	
		MTC SLEEVE + AIR INLET FOR WINDOWS FRAME	
	RECTANGULAR PENETRATION	MTC SLEEVE + AIR INLET FOR WINDOWS FRAME	
		EAT - SAT	
	ON THE TOP OF THE WINDOW	MHF SLEEVE + AIR INLET FOR WINDOWS FRAME	

## The range by performance level

## Wall mounting



## Residential ventilation







## Air inlets - GENERAL



### DESCRIPTION

- In a CMEV system, air inlets are used to bring outside air into the building.
  - An air inlet is characterised by its module that corresponds to the airflow traversing it under a reference negative pressure of 20 Pa.
    - self-balanced air inlet: EA30 = 30 m<sup>3</sup>/h at 20 Pa.
    - humidity-controlled air inlet: EHL6-44 = from 6 to 44 m<sup>3</sup>/h at 20 Pa.
- Equivalent passage = 4 to 31 cm<sup>2</sup>,  
 - fixed air inlet: EFL30 = 30 m<sup>3</sup>/h at 20 Pa.  
 Equivalent passage = 22 cm<sup>2</sup>.

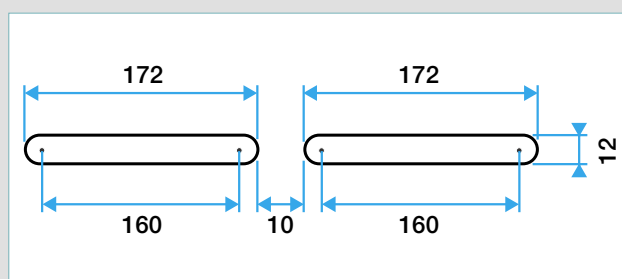
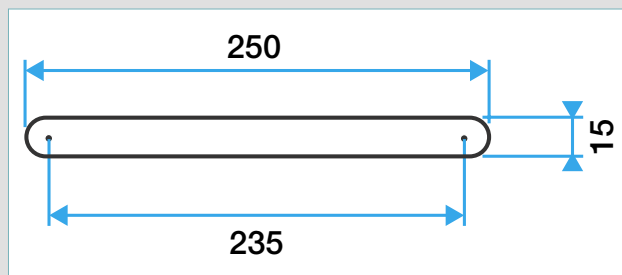
### ACOUSTIC REQUIREMENTS

- The air inlet requirements are calculated independently of its environment
- D<sub>new</sub> (Ctr): level of sound-proofing = aptitude of an air inlet to counter the progression of road traffic noise from outside
- D<sub>new</sub> (C): level of sound-proofing = aptitude of an air inlet to counter the progression of aircraft noise from outside (if close to an airport).

### DIMENSIONS OF STANDARD SLOTS

The slots to be made for the installation are fairly standardized. These slots must be drilled at the woodworking factory and not at the construction site.

- During renovation, on wood framework or old PVC framework and aluminium, there is often a slot 250 x 12 mm.
- In order to meet the new profiles mechanical requirements, on current PVC and aluminium framework, the mortise is formed by 2 slots, most of the time 172 x 12 mm separated by 10 mm.



### COLOURS

Find below available colours (as standard) for air inlets. For other colours, please contact us.

Colours							
White RAL 9016	Anthracite RAL 7016	Alu RAL 7035	Black RAL 9005	Brown RAL 8017	Oak RAL 8003	Light oak RAL 1011	Ivory RAL 1013

# Air inlets and ventilation grilles

## Humidity-controlled air inlets



EHB<sup>2</sup>



### ADVANTAGES

- Innovative design and discreet integration.
- Easy installation.
- No visible fastening screws.
- Orientation of the air jet towards the ceiling.

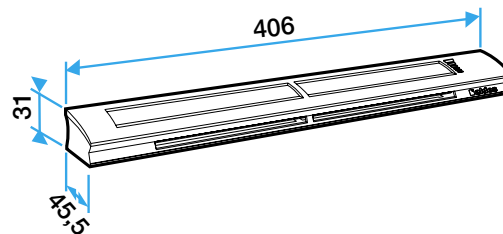
### DESCRIPTION

- Humidity-controlled air inlet for window frame.

### FIELD OF APPLICATION

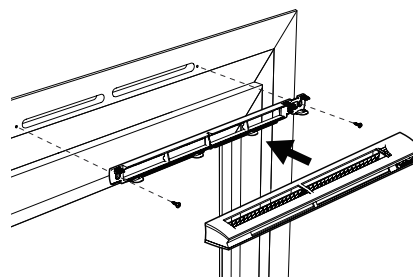
- Double slot: 2 x (172 x 12) mm.
- Single slot: (250 x 15) mm or (250 x 12) mm.

### DIMENSIONS (MM)



Centre distance: 372 mm

### INSTALLATION



### RANGE

Modulus m <sup>3</sup> /h	Section cm <sup>2</sup>	Designation	Dnew (Ctr) dB	Colour	Reference	Discount family
6-44	4-31	EHB <sup>2</sup>	-	White	11014233	05
			-	Oak	11014234	05
			-	Light Oak	11014232	05
			-	Ivory	11014231	05
			-	Aluminium	11014236	05
			-	Anthracite	11014137	05
			-	Brown	11014235	05
			-	Black	11014237	05
		Kit EHB <sup>2</sup>	34	White	11014238	05

Kit EHB<sup>2</sup> = EHB<sup>2</sup> + standard rainhood

# Air inlets and ventilation grilles

## Humidity-controlled air inlets



EHC



### ADVANTAGES

- Especially design for rolling shutter casings.
- Ultra compact design.
- Easy installation.
- Orientation of the jet air towards the ceiling.
- Can also be fixed on windows.

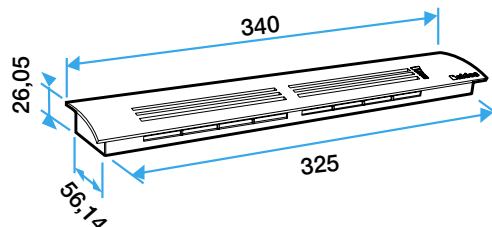
### DESCRIPTION

- Humidity-controlled air inlet for rolling shutter casings.

### FIELD OF APPLICATION

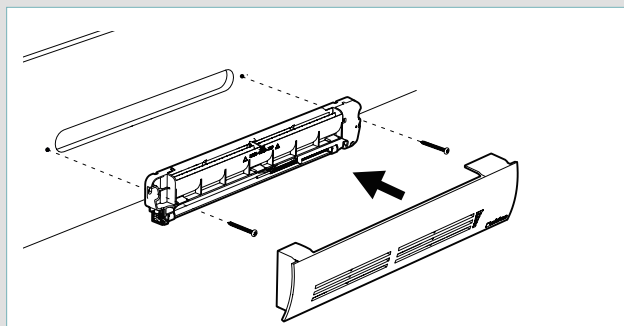
- Single slot mortise: (250 x 20) mm.
- Fixing on rolling shutter casings.
- Fixing on windows.

### DIMENSIONS (MM)



Centre distance: 311mm

### INSTALLATION



### RANGE

Modulus m3/h	Section cm <sup>2</sup>	Designation	Dnew (Ctr) dB	Colour	Reference	Discount family
6-44	4-31	EHC	<b>34</b>	White	11014250	<b>05</b>

### ACCESSORIES

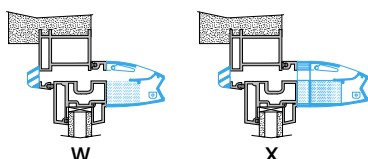
Designation	Reference	Discount family
Sealing sleeve	11014251	<b>05</b>
Airtight seal	11014252	<b>05</b>

# Air inlets and ventilation grilles

## Humidity-controlled air inlets



EHL / EHLO



### ADVANTAGES

- Innovative
- Simple to install.
- No visible fastening screws.
- Air jet oriented towards ceiling.
- Sound-proofing from 38 to 42 dB.

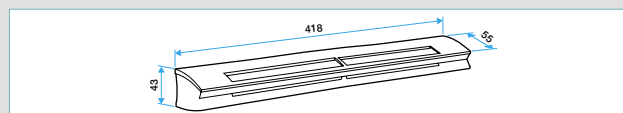
### DESCRIPTION

- Humidity-controlled range: EHL (S = standard base or L = sound-proofed base).
- Sound-proofing +3 to 4 dB with outside acoustic framework rainhood (see accessories page).
- EHLO : Closable version.

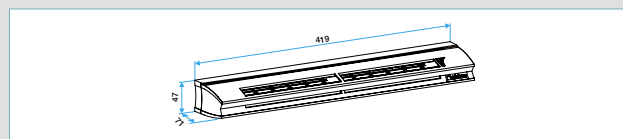
### FIELD OF APPLICATION

- Mounted on double-slot mortise: 2 x (172 x 12 mm).

### DIMENSIONS



EHL S Centre distance: 370mm



EHL L Centre distance: 370mm

### RANGE

Modulus m <sup>3</sup> /h	Section cm <sup>2</sup>	Designation	Drawing	Dnew (Ctr) dB	Colour	Reference	Discount family
<b>HYGRO: EHLO</b>							
6-44	4-31	EHLO S	-	-	White	11014066	05
<b>HYGRO: EHL</b>							
6-44	4-31	EHL S	-	-	White	11014060	05
			-	-	Alu	11014061	05
			-	-	Black	11014062	05
			-	-	Brown	11014063	05
			-	-	Oak	11014064	05
			-	-	Ivory	11014065	05
			-	-	Light Oak	11014088	05
			-	-	Anthracite	11014139	05
		EHL L	-	-	White	11014066	05
			-	-	Alu	11014067	05
			-	-	Black	11014068	05
			-	-	Brown	11014069	05
			-	-	Oak	11014070	05
			-	-	Ivory	11014071	05
			-	-	Light Oak	11014129	05
			-	-	Anthracite	11014138	05
		Kit EHL S	<b>EHL S</b>	38	White	11014084	05
		Kit EHL L	<b>EHL L</b>	39	White	11014085	05

EHL kit = EHL + standard rainhood.

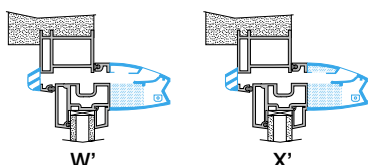


# Air inlets and ventilation grilles

## Humidity-controlled air inlets



EFL



### ADVANTAGES

- Innovative design and discreet integration.
- Simple to install.
- No visible fastening screws.
- Air jet oriented towards ceiling.
- Sound-proofing from 38 to 42 dB.

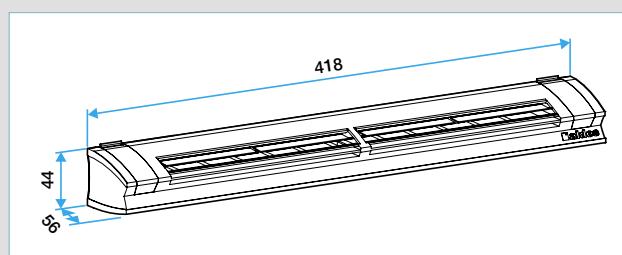
### DESCRIPTION

- Fixed range: EFL (L = added sound-proofing foam)
- Adjustable EFL: same air inlet used for all fixed airflows specified on Technical Approval.

### FIELD OF APPLICATION

- Mounted on double-slot mortise: 2 x (172 x 12 mm).

### DIMENSIONS



EFL L Centre distance: 370 mm

### RANGE

Modulus m3/h	Section cm²	Designation	Drawing	Dnew (Ctr) dB	Colour	Reference	Discount family
<b>FIXED: EFL</b>							
23-34-47	16-22-30	EFL L	-	-	White	11014102	05
			-	-	Alu	11014103	05
			-	-	Black	11014104	05
			-	-	Brown	11014105	05
			-	-	Oak	11014106	05
			-	-	Ivory	11014107	05
			-	-	Light Oak	11014135	05
			-	-	Anthracite	11014140	05
		EFL L kit	<b>EFL L</b>	39	White	11014101	05

EFL kit = EFL + standard rainhood.

# Air inlets and ventilation grilles

## Humidity-controlled air inlets



# EHT<sup>2</sup>

Made in France



EHT<sup>2</sup>/EFT<sup>2</sup> Air inlet



EHT<sup>2</sup>/EFT<sup>2</sup> External Covers

### RANGE

Designation	Airflow m3/h	Reference	Discount family
<b>HYGRO humidity-controlled range</b>			
EHT <sup>2</sup> 6-44	6-44	11014254	05
<b>HYGRO humidity-controlled range with shutter</b>			
EHTO <sup>2</sup> 0-45	0-45	11014258	05
<b>Fixed Range</b>			
EFT <sup>2</sup> 22	22	11014255	05
EFT <sup>2</sup> 30	30	11014256	05
EFT <sup>2</sup> 45	45	11014257	05

### PRINCIPLES OF OPERATION

EHT<sup>2</sup> is an acoustic humidity-controlled air inlet through the wall for individual houses and collective dwellings.

### PRODUCT DESCRIPTION

EHT<sup>2</sup> ensures the supply of fresh air and the distribution of the flows entering the accommodation according to the humidity level.

### FIELDS OF APPLICATION

Collective residential housing, Individual residential housing, New, Refurbishment.

### INSTALLATION

- EHT<sup>2</sup> must be installed through a wall,
- EHT<sup>2</sup> is implemented on a circular sleeve,
- Connection to sanitary PVC in diameter 100 mm or 125 mm.

### MAIN CHARACTERISTICS

- acoustic air inlet
- ideal for installation through a wall,
- several accessories available to improve acoustic performance.

### SUPPLEMENTARY CHARACTERISTICS

Available for fixe air inlet with EFT<sup>2</sup>

### ASSOCIATED SERVICES

2-years warranty.

### ACCESSORIES

Designation	Reference	Discount family
Pipe Ø 100mm, L350	11014121	05
Pipe Ø 100mm, L500	11014128	05
EHT/ PVC adapter Ø125mm	11014126	05
EHT²/EFT² Acoustic foam Ø100	11014259	04
EHT²/EFT² Acoustic foam Ø125	11014260	04
EHT Anti-mosquito filter	11014262	05
EHT²/EFT² External cover Ø100 White	11014261	04
EHT²/EFT² External cover Ø100 Black	11014263	04
EHT Airflow limiter Ø100	11014145	05
EHT Airflow limiter Ø125	11014146	05
EHT²/EFT² Electrofilter Kit	11014264	05
Acoustic foam extension 50 mm for EHT²/EFT² Electrofilter	11014265	05
Cleaning brush for EHT²/EFT² Electrofilter	11014266	04

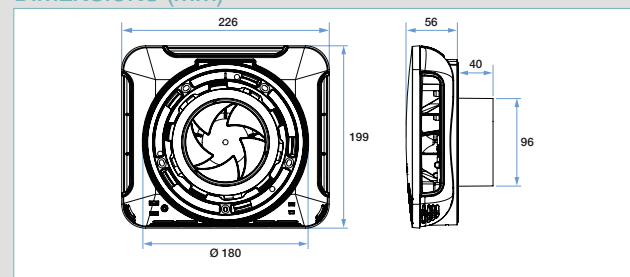
### ADVANTAGES

- Easy to instal
- High acoustic performance
- Invisible fixation screw

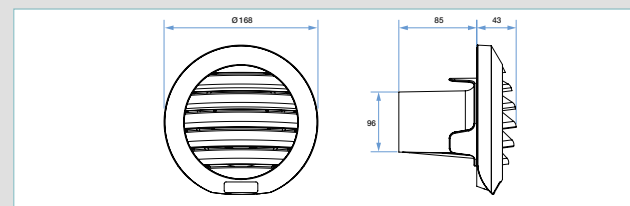
### COMPLIANCE(S)

- ESC data sheet no. : BAR-TH127
- Identification no. QB37 : 05/02-CHY1-2267;05/02-CHY1-2266;05/02-CHY2-2185
- Technical Opinion no. : 14.5/17-2266;14.5/17-2267

### DIMENSIONS (MM)



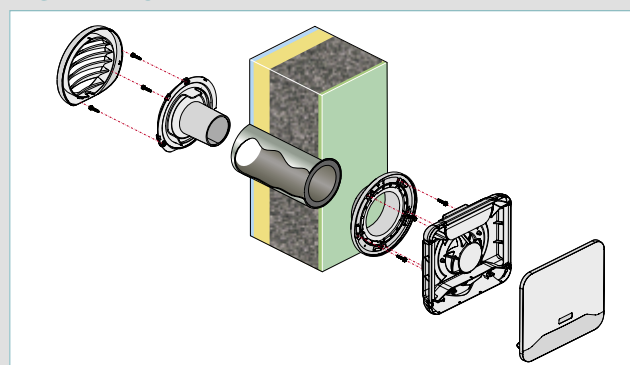
EHT<sup>2</sup>/EFT<sup>2</sup> air inlet dimensions



EHT<sup>2</sup>/EFT<sup>2</sup> external cover dimensions

Model	H (mm)	Ø connection (mm)	L (mm)	w (mm)	Free air passage max/min (mm²)
EHT <sup>2</sup>	200	100 or 125	56	227	3800 / 140
EFT <sup>2</sup>	200	100 or 125	56	227	

### INSTALLATION



### ACCESSORIES



# Air inlets and ventilation grilles

## Self-balanced air inlets



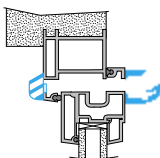
## MINI EMMA / MINI EMMAO



Mini Emma



Mini Emmao



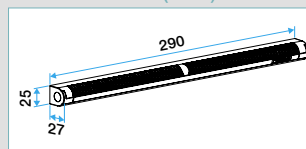
### FIELD OF APPLICATION

- Single slot: (250 x 15) mm or (250 x 12) mm.
- Mini Emmao : Closable version.

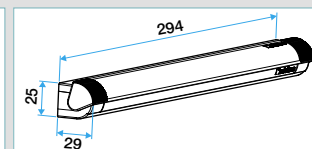
### ADVANTAGES

- Minimum dimensions for small window leaves on existing buildings.
- A single product reference for 3 airflow settings.
- Blades providing anti-mosquito protection.
- No visible fastening screws.
- Air jet oriented towards ceiling.

### DIMENSIONS (MM)



Mini Emma



Mini Emmao

Centre distance: 275 mm

### RANGE

Modulus m3/h	Designation	Dnew (Ctr) dB	Colour grille	Reference	Discount family	Pack. 1
MINI EMMAO						
15, 22 and 30	MINI EMMAO	-	White	11011492	04	-
		-	Brown	11011495	04	-
		-	Oak	11011496	04	-
MINI EMMA						
15, 22 and 30	MINI EMMA	-	Light oak	11011485	04	160
		-	White	11011486	04	10
		-	Aluminium	11011487	04	180
		-	Black	11011488	04	180
		-	Brown	11011489	04	180
		-	Oak	11011490	04	180
		-	Ivory	11011491	04	180
	MINI EMMA kit	33	White	11011574	04	10

MINI EMMA kit = MINI EMMA + mini standard rainhood.

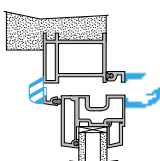
## EMMA / EMMAO



Emma



Emmao



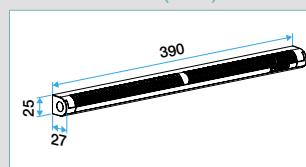
### FIELD OF APPLICATION

- Double slot: 2 x (172 x 12) mm.
- Single slot: (250 x 15) mm or (250 x 12) mm.
- Emmao : Closable version.

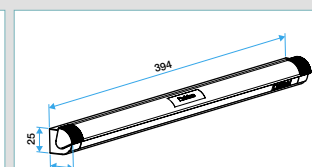
### ADVANTAGES

- A single product reference for 3 airflow settings.
- Blades providing anti-mosquito protection.
- No visible fastening screws.
- Air jet oriented towards ceiling.

### DIMENSIONS (MM)



Emma



Emmao

Centre distance: 370 mm

### RANGE

Modulus m3/h	Designation	Dnew (Ctr) dB	Colour grille	Reference	Discount family	Pack. 1
EMMAO						
22, 30 and 45	EMMAO	-	White	11011519	04	-
		-	Brown	11011498	04	-
		-	Oak	11011499	04	-
EMMA						
22, 30 and 45	EMMA	-	White	11011510	04	60
		-	Aluminium	11011511	04	60
		-	Black	11011512	04	60
		-	Brown	11011513	04	-
		-	Oak	11011514	04	75
		-	Ivory	11011518	04	75
		-	Light oak	11011520	04	75
	EMMA kit	33	White	11011568	04	40

Kit EMMA= EMMA + standard rainhood.

# Air inlets and ventilation grilles

## Self-balanced air inlets



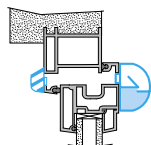
## MINI EA / MINI EAO



MINI EA



MINI EAO



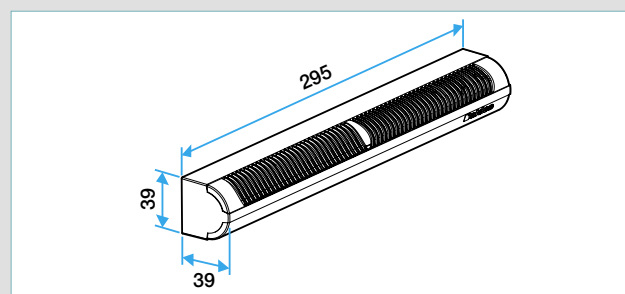
### ADVANTAGES

- Minimum dimensions for small window leaves on existing buildings.
- Airflow up to 45 m<sup>3</sup>/h.
- A single product reference for 4 airflow settings.
- Blades providing anti-mosquito protection.
- No visible fastening screws.
- Sound-proofing from 37 dB.
- Air jet oriented towards ceiling.

### FIELD OF APPLICATION

- Single slot: (250 x 12) mm for 15, 22 and 30 m<sup>3</sup>/h or (265 x 17) mm for 45 m<sup>3</sup>/h.
- Mini EAO : Closable version.

### DIMENSIONS (MM)



Mini EA

Centre distance: 275 mm

### RANGE

Modulus m3/h	Designation	Dnew (Ctr) dB	Colour grille	Reference	Discount family	Pack. 1
MIINI EAO						
15, 22, 30 and 45.	MINI EAO	-	White	11011180	<b>04</b>	-
		-	Oak	11011181	<b>04</b>	-
		-	Brown	11011182	<b>04</b>	-
MIINI EA						
30	MINI EA 30	-	White	11011170	<b>04</b>	126
30	MINI EA 30 KIT	<b>37</b>	White	11011171	<b>04</b>	108
15, 22, 30 and 45.	MINI EA	-	White	11011172	<b>04</b>	126
		-	Aluminium	11011173	<b>04</b>	126
		-	Black	11011174	<b>04</b>	126
		-	Brown	11011175	<b>04</b>	126
		-	Oak	11011176	<b>04</b>	126
		-	Light oak	11011177	<b>04</b>	126
		-	Ivory	11011178	<b>04</b>	126
	MINI EA KIT	-	White	11011179	<b>04</b>	108

Kit MINI EA= MINI EA + standard rainhood.



# Air inlets and ventilation grilles

## Self-balanced air inlets



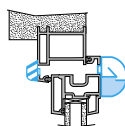
### EA/EO



EA



EO



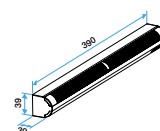
### ADVANTAGES

- Blades providing anti-mosquito protection.
- No visible fastening screws.
- Sound-proofing from 36 to 41 dB.
- Air jet oriented towards ceiling.

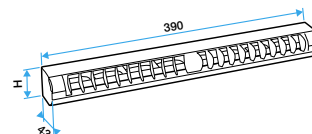
### FIELD OF APPLICATION

- FD: Double slot: 2 x (172 x 12) mm or FS: Single slot (250 x 15) mm.
- EAO : Closable version.

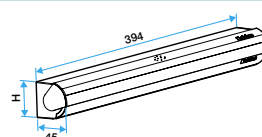
### DIMENSIONS



EA 22, EA 30: Centre distance: 370 mm



EA 45: Centre distance: 370 mm



EAO

### RANGE

Modulus m³/h	Designation	Dnew (Ctr) dB	Colour grille	Reference	Discount family	Pack. 1
<b>EO</b>						
45	EO 45	-	White	11011524	<b>04</b>	-
30	EO 30	-	White	11011504	<b>04</b>	-
22	EO 22	-	White	11011506	<b>04</b>	-
<b>EA</b>						
45	EA 45	-	White	11011149	<b>04</b>	70
		-	Aluminium	11011150	<b>04</b>	70
		-	Black	11011151	<b>04</b>	70
		-	Brown	11011152	<b>04</b>	70
		-	Oak	11011153	<b>04</b>	40
		-	Light oak	11011155	<b>04</b>	70
		-	Ivory	11011154	<b>04</b>	70
	EA 45 kit	<b>36 on FD</b>	White	11011580	<b>04</b>	60
30	EA 30	-	White	11011132	<b>04</b>	90
		-	Aluminium	11011126	<b>04</b>	105
		-	Black	11011128	<b>04</b>	80
		-	Brown	11011124	<b>04</b>	105
		-	Oak	11011156	<b>04</b>	105
		-	Light oak	11011160	<b>04</b>	105
		-	Ivory	11011157	<b>04</b>	105
	EA 30 kit	<b>36 on FD 37 on FS</b>	White	11011539	<b>04</b>	40
22	EA 22	-	White	11011133	<b>04</b>	105
		-	Light oak	11011161	<b>04</b>	105
		-	Oak	11011158	<b>04</b>	105
		-	Ivory	11011159	<b>04</b>	105
		-	Aluminium	11011127	<b>04</b>	105
		-	Brown	11011125	<b>04</b>	105
		-	Black	11011129	<b>04</b>	105
	EA 22 kit	<b>37 on FD</b>	White	11011546	<b>04</b>	90

# Air inlets and ventilation grilles

## Self-balanced air inlets



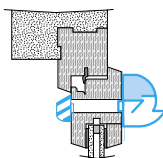
## EAI / EAIO



EA



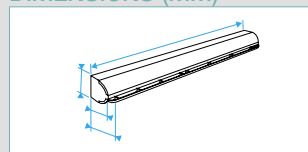
EAIO



### ADVANTAGES

- Inverted assembly on window frame (with slot in low position).
- Blades providing anti-mosquito protections.
- No visible fastening screws.
- Sound-proofing 38 dB.
- Air jet oriented towards ceiling.

### DIMENSIONS (MM)



EAI



EAIO

Centre distance: 370 mm

### FIELD OF APPLICATION

- Single slot (250 x 15) mm.
- Inverted air inlet: slot positioned at the bottom of air inlet.
- EAIO : Closable version.

### RANGE

Modulus m3/h	Designation	Dnew (Ctr) dB	Colour grille	Reference	Discount family	Pack. 1
<b>EAIO</b>						
30	EAIO 30	-	White	11011502	<b>04</b>	-
22	EAIO 22	-	White	11011507	<b>04</b>	-
<b>EAI</b>						
30	EAI 30	-	White	11011139	<b>04</b>	70
		-	Aluminium	11011141	<b>04</b>	70
		-	Black	11011162	<b>04</b>	70
		-	Brown	11011137	<b>04</b>	70
		-	Oak	11011135	<b>04</b>	70
		-	Light oak	11011163	<b>04</b>	70
		-	Ivory	11011164	<b>04</b>	70
22	EAI 30 kit	<b>38</b>	White	11011554	<b>04</b>	60
	EAI 22	-	White	11011140	<b>04</b>	70
	EAI 22 kit	<b>38</b>	White	11011555	<b>04</b>	60

Kit EAI= EAI + standard rainhood.

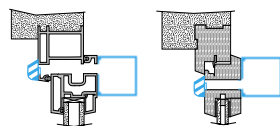
## ELLIA / ELLIAO



ELLIA



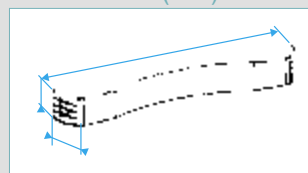
ELLIAO



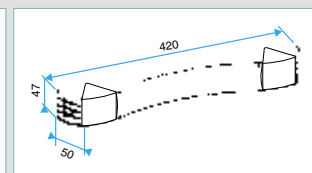
### ADVANTAGES

- Accessory-free sound-proofing from 41 to 42 dB.
- Dual assembly possible: opening position on top or bottom part.
- Installation near to ceiling possible due to lateral diffusion.
- No visible fastening screws.

### DIMENSIONS (MM)



ELLIAO



ELLIA

Centre distance: 370 mm

### FIELD OF APPLICATION

- Double slot: 2 x (172 x 12) mm.
- Slot positioned at top or bottom of air inlet.
- ELLIAO : Closable version.

### RANGE

Modulus m3/h	Designation	Dnew (Ctr) dB	Reference	Discount family	Pack. 1
<b>ELLIAO</b>					
30	ELLIAO 30	-	11011508	<b>04</b>	-
22	ELLIAO 22	-	11011509	<b>04</b>	-
<b>ELLIA</b>					
30	ELLIA 30	-	11011508	<b>04</b>	20
22	ELLIA 22	-	11011509	<b>04</b>	20
30	ELLIA 30 kit	<b>41</b>	11011551	<b>04</b>	10
22	ELLIA 22 kit	<b>42</b>	11011552	<b>04</b>	10

Kit ELLIA = ELLIA + standard rainhood.

# Air inlets and ventilation grilles

## Air inlet with filter



AirFILTER®



### ADVANTAGES

- Optimal indoor air quality thanks to pollen filter.
- Can be installed on all type of mortises.
- Easy to install.
- Air is oriented towards the ceiling.

### RANGE

Designation	Colour	Reference	Discount family
<b>Air inlet with filter</b>			
AirFILTER®	White	11011581	01
AirFILTER® kit	White	11011585	01

Kit AirFILTER® = Air inlet AirFILTER® + rainhood

### DESCRIPTION

- AirFILTER® is a filtering air inlet that has a pollen filter with an efficiency up to 99%.
- AirFILTER® filters outside pollutants for a better indoor air quality.
- Regular inspection and maintenance of the filters is recommended so as not to hinder the ventilation operation.
- AirFILTER® is not recommended for a facade installation requiring a acoustic classification or an installation that must comply with DTU 68.1 and 68.3.
- Do not install AirFILTER® in the presence of a combustion device not airtight in the accommodation (stove, fireplace, boiler, etc.).

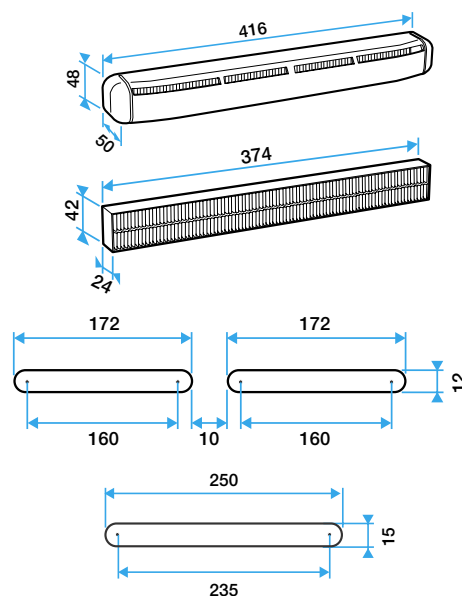
### FIELD OF APPLICATION

- Fixed filtering air inlet for windows.
- Refurbishment market.
- Double slot : 2 x (172 x 12)mm.
- Single slot : (250 x 15)mm or (250 x 12)mm.
- Functions with EasyHOME® PurAIR Connect.
- Filter replacement at least once a year (with filter clogging indication EasyHOME® PurAIR Connect Application).

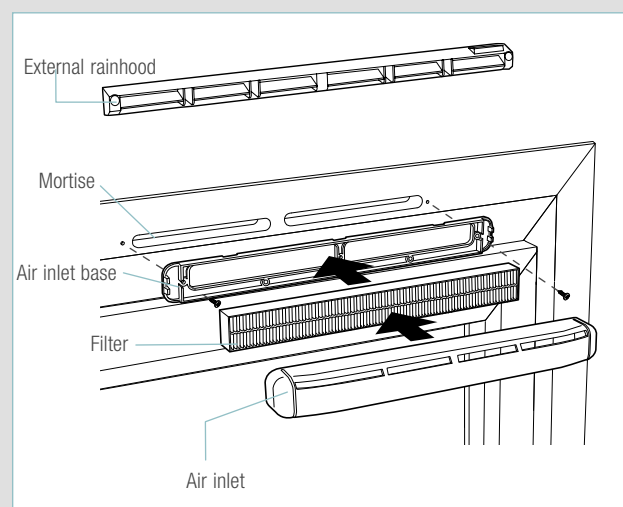
### ACCESSORIES

Designation	Reference	Discount family
AirFILTER® pollen filter	11011585	01

### ENCOMBREMENT (mm)



### INSTALLATION

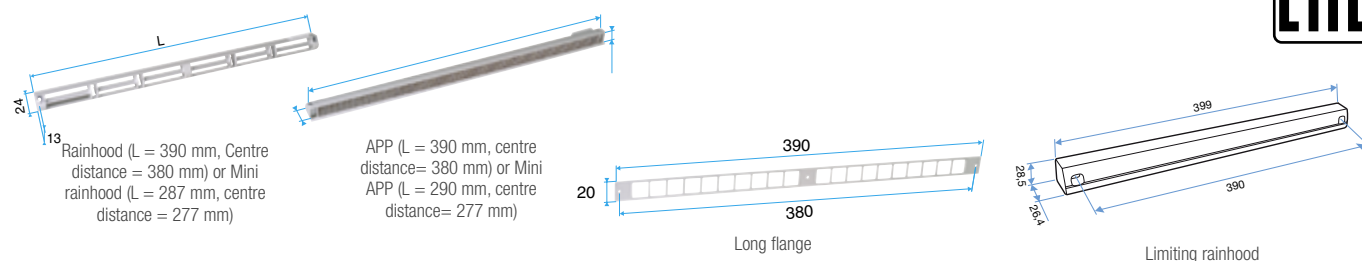


# Air inlets and ventilation grilles

## Accessories for air inlets



## Woodwork cover



### RANGE

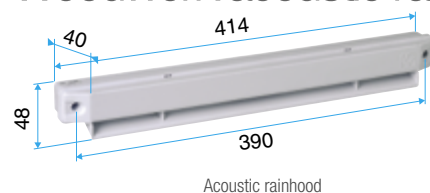
Designation	Colour grille	Reference	Discount family	Pack. 1
APP for EMMA, EA, ELLIA, EHB <sup>2</sup> , EHL	White	11011901	04	300
	Alu	11011753	04	120
	Black	11011813	04	120
	Brown	11011814	04	120
	White	11011815	04	120
	Oak	11011988	04	120
	Light Oak	11011274	04	120
	Ivory	11011699	04	250
	Anthracite	11011424	04	250
	White	11011413	04	280
	Alu	11011417	04	280
	Black	11011416	04	280
	Brown	11011415	04	280
	Oak	11011414	04	280
	Light Oak	11011418	04	40
	Ivory	11011419	04	40

Designation	Colour grille	Reference	Discount family	Pack. 1
MINI APP for MINI EMMA, MINI EA	White	11011247	04	220
	Black	11011249	04	220
	Brown	11011250	04	220
	Oak	11011251	04	220
	Light Oak	11011255	04	220
	Ivory	11011252	04	220
MINI Rainhood for MINI EMMA, MINI EA	White	11011184	04	400
	Black	11011186	04	400
	Brown	11011187	04	400
	Oak	11011188	04	400
	Light Oak	11011189	04	400
Limiting rainhood for EMMA, EA, EHB <sup>2</sup> , EHL, ELLIA	White	11011237	04	8

### FIELD OF APPLICATION

- Placed on the outdoor side of the window frame. The hoods allows to avoid water from penetrating via the air inlet, whilst ensuring the airflow performances of the air inlet.
- The limiting rainhood is recommended for wind exposed areas.
- The APP and the Mini APP are the hoods equipped with mosquito-proof protection. The APP is adapted to standard air inlets and the mini APP is adapted to the Mini EMMA and Mini EA.
- The long blanking flange is used to replace the standard rainhood when its dimensions don't fit.

## Woodwork acoustic rainhood



Acoustic rainhood

### ADVANTAGES

- Simple to install.
- High acoustic performance levels:  
+ 3dB approx for EHB and EHL,  
+ 1 dB for EA.

### RANGE

Designation	Colour grille	Reference	Discount family	Pack. 1
Standard acoustic cover for EHL, EA, EHB <sup>2</sup>	White	11011972	04	48
	Alu	11011755	04	64
	Black	11011262	04	48
	Brown	11011260	04	48
	Oak	11011261	04	48
	Light Oak	11011271	04	250
	Ivory	11011263	04	48
	Anthracite	11011425	04	-
Ant-mosquito acoustic cover for EHL, EA, EHB <sup>2</sup>	White	11011426	04	-

### FIELD OF APPLICATION

- Positioned outside the framework, the acoustic rainhoods prevent water ingress via the air inlet, while providing the airflow performance required and improving the acoustic performance of the inlet.

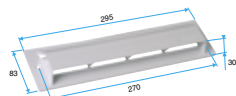


# Air inlets and ventilation grilles

## Accessories for air inlets



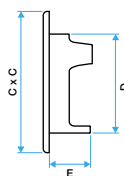
## Masonry rainhood and outside terminal



Masonry rainhood



GEB, GES



Dimensions: C x D x E

### ADVANTAGES

Adapted for installations with air inlets sleeves MTR and MTC

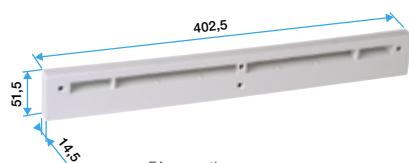
### RANGE

Designation	Colour grille	Reference	Discount family	Pack. 1
Masonry cover	White	11011218	04	85
GEB 100 (124 x 92 x 38 mm)	White	11011239	04	
GEB 125 (149 x 116 x 38 mm)	White	11011240	04	10
GEB 160 (184 x 150 x 38 mm)	White	11011241	04	
GES 100 (124 x 92 x 38 mm)	Ivory	11011242	04	
GES 125 (149 x 116 x 38 mm)	Ivory	11011243	04	10
GES 160 (184 x 150 x 38 mm)	Ivory	11011244	04	10

### FIELD OF APPLICATION

- The masonry rainhood is placed on the outside of the masonry wall.
- GEB and GES terminals feature attachment hooks.

## Spacer



EA acoustic spacer

### ADVANTAGES

Improves acoustic performance of the air inlet: + 1 dB approx for EA and EHL.

### RANGE

Designation	Colour grille	Reference	Discount family	Pack. 1
Acoustic spacer for EA / EAO	White	11011973	04	250
	Alu	11011754	04	250
	Black	11011809	04	250
	Brown	11011278	04	250
	Light Oak	11011280	04	250
	Ivory	11011281	04	250
Acoustic spacer for EHL / EHL0	White	11014127	05	60

### FIELD OF APPLICATION

- The acoustic spacers are placed on the inside to improve the acoustic performance of the associated air inlet.
- The EHL spacer is already integrated in the EHL L (EHL S without base + spacer = EHL L). This spacer clips onto the EHL in place of the base. It does not work with the EFL.
- The foam spacer adheres to the EA to offset the curve of sunken framework.

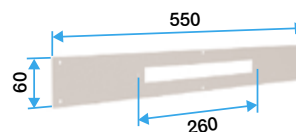
## Blanking flange



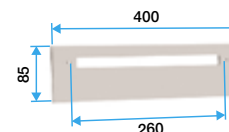
Self-adhesive blanking plate



Blanking flange



Long blanking flange



Short blanking flange

### RANGE

Designation	Colour grille	Reference	Discount family	Pack. 1
Blanking flange	Brown	11011447	04	5
Self-adhesive blanking plate	White	11011448	04	2000
Long blanking flange		11011457	05	30
Short blanking flange		11011458	05	50

### FIELD OF APPLICATION

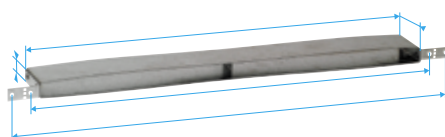
- The blanking plate and flange are used to correct unsuitable penetrations in the framework (e.g. a mortise on the kitchen window).

# Air inlets and ventilation grilles

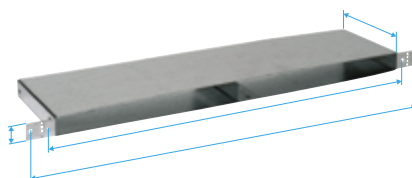
## Accessories for air inlets



## Air inlet sleeve



MEA



Straight casing sleeve



TM

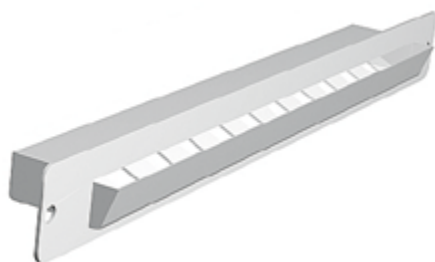
### RANGE

Designation	Dimensions	Reference	Discount family
TM	Length 50 to 70 mm	11011501	04
TM extension	Length 20 to 30 mm	11011893	04
MEA 45	Length 45 mm	11011378	04
MEA 160	Length 160 mm	11011371	04
MEA 200	Length 200 mm	11011373	04
Straight casing sleeve	Length 90 mm	11011333	04

### FIELD OF APPLICATION

- The air inlet sleeve serves to create a junction between the air inlet and the mortise.
- The mortise can be cut into the framework, in a masonry sleeve or a roller shutter box.
- The TM sleeve for air inlets serves to create a junction between the air inlet and the mortise. It is used for wall penetrations from 50 to 70 mm.
- The TM extension serves to increase the distance of the sleeve by 20 to 30 mm. The number of extensions depends on the length of the penetration.

## Module for air inlets



Built-in module

### RANGE

Designation	Colour	Reference	Discount family
Built-in module kit	White	11011531	04
Built-in module	White	11011116	04

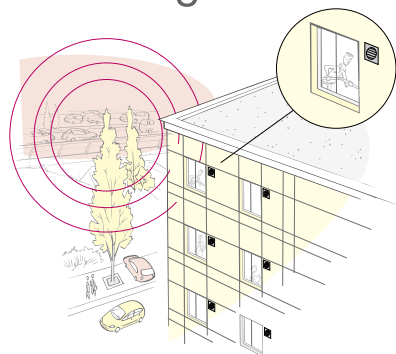
### ACCESSORIES

Designation	Reference	Discount family
Support for built-in module	11011216	04
Long blanking flange (550x60)	11011455	04

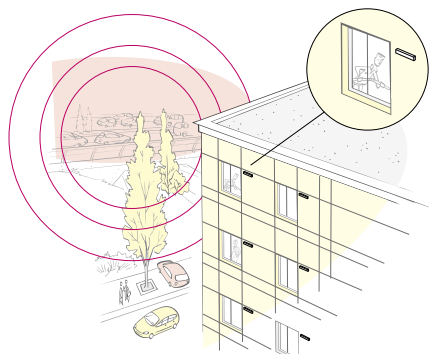
# Air inlets and ventilation grilles

## Sleeves: general

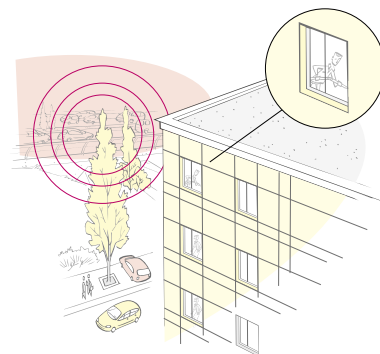
### Sleeves: general



Circular Wall Penetration Sleeve



Rectangular Wall Penetration Sleeve

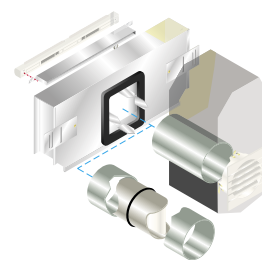


Window Top Sleeve

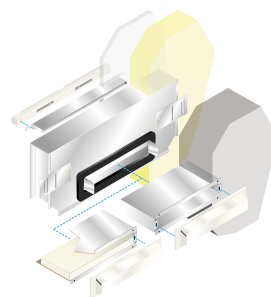
#### DESCRIPTION

- Embedded in the lining, the sleeves allow the mounting of an air inlet (self- balanced or humidity- controlled) indoor.  
Made from galvanised steel, they may (or may not) receive acoustic treatment.
- They are characterised by the following mounting types:
  - Circular feed-through masonry wall mounting : MTC.
  - Rectangular feed-through masonry wall mounting : MTR.
  - Mounting above a window : MHF.
- For acoustic models, they are characterized by their acoustic weakening balanced index noted  $D_{n,w}$  (Ctr).

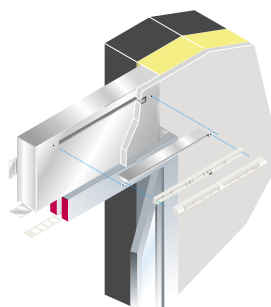
#### INSTALLATION



Circular Wall Penetration Sleeve



Window Top Sleeve



Rectangular Wall Penetration Sleeve

# Air inlets and ventilation grilles

Sleeves: circular wall penetration



## Acoustic MTC for air inlet



### ADVANTAGES

- Suitable for all circular penetrations: PVC and metal sheet.
- High acoustic performance: from 47 to 53 dB.
- Suited for all Aldes air inlets: self-balanced, humidity-controlled and fixed.

### RANGE

Designation	Reference	Discount family
MTC D100/125 kit + MEA 45 mm	11011370	04
MTC D100/125 kit + MEA 160 mm	11011393	04
MTC D100/125 kit + MEA 200 mm	11011374	04

### DESCRIPTION

- The MTC sleeve is made of galvanised sheet metal. It enables the installation of air inlets with high acoustic performance in wall penetrations.

### FIELD OF APPLICATION

- Sleeve penetrating wall and insulation, enabling air intake into the building.
- Multi-family housing or non-residential buildings.
- New and existing buildings.

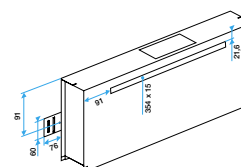
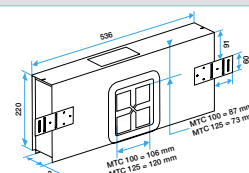
### INSTALLATION

- When associated with a female circular sleeve (PVC pipe), the MTC sleeve enables the installation of a terminal screen on the outside wall and by using the MEA or the TM penetration sleeve, a self-balanced or humidity-controlled air inlet on the inside.
- The A100 or A125 acoustic element is placed inside the female circular sleeve. It enables to improve the acoustic performance of the MTC sleeve.

### ACCESSORIES

Designation	Colour grille	Reference	Discount family
A100	-	11011376	04
A125	-	11011377	04
GEB 100 (124 x 92 x 38 mm)	White	11011239	04
GES 100 (124 x 92 x 38 mm)	Ivory	11011242	04
GEB 125 (149x116x38 mm)	White	11011240	04
GES 125 (149 x 116 x 38 mm)	Ivory	11011243	04
GEB 160 (184x150x38 mm)	White	11011241	04

### DIMENSIONS (MM)

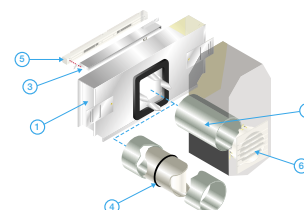


### ACOUSTIC DETAILS

	Sleeve	Air inlet	Dnew (Ctr) (dB)
Self-balanced	MTC 100 + MEA	EMMA 22	50
	MTC 100 + MEA + A100		51
	MTC 100 + MEA	EMMA 30	50*
	MTC 100 + MEA + A100		51*
	MTC 125 + MEA + A125	ELLIA 30	53*
	MTC 125 + MEA	EMMA 45	47*
Humidity-controlled	MTC 125 + MEA		48*
	MTC 125 + MEA	EHB <sup>2</sup>	47
	MTC 125 + MEA + A125	EHB <sup>2</sup>	49
	MTC 125 + MEA + A125	EHL S	49*

Possible to replace the EMMA with an EA: identical acoustic results.

### INSTALLATION



1. MTC
2. PVC pipe
3. MEA
4. A100 or A125 acoustic element
5. Air inlet
6. GEB or GES outside rainhood

# Air inlets and ventilation grilles

Sleeves: rectangular wall penetration



## Acoustic MTR



### ADVANTAGES

- Offers flush linear aesthetic finish on outside wall.
- Excellent acoustic performance: from 51 to 54 dB.
- Installation by sealing in a simple rectangular wall penetration.
- Suited for all Aldes air inlets: self-balanced, humidity-controlled and fixed.

### RANGE

Designation	Reference	Discount family
Acoustic MTR kit + MEA 45	11011381	04
Acoustic MTR kit + MEA 160	11011395	04
Acoustic MTR kit + MEA 200	11011396	04

### DESCRIPTION

- The Acoustic MTR sleeve is made of galvanised sheet metal. It enables the installation of air inlets with high acoustic performance in wall penetrations.

### FIELD OF APPLICATION

- Sleeve penetrating wall and insulation, enabling air intake into the building.
- Multi-family housing or non-residential buildings.
- New and existing buildings.

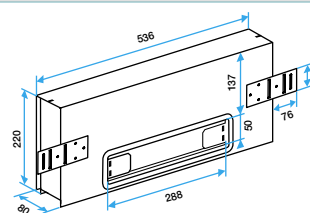
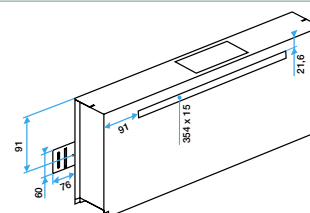
### INSTALLATION

- When associated with a rectangular wall penetration (female in-line) the Acoustic MTR is positioned within the insulation. It enables:
  - By using the rectangular wall penetration, the installation of a masonry cover on the outside wall
  - By using the MEA or TM, the installation of a self-balanced or humidity-controlled air inlet on the inside wall.
- The P20 acoustic plate is placed inside the rectangular wall penetration. It enables to improve the acoustic performances of the MTR sleeve.

### ACCESSORIES

Designation	Reference	Discount family
Masonry wall sleeves	11011218	04
P 20 Foam Plate	11011386	04

### DIMENSIONS (MM)

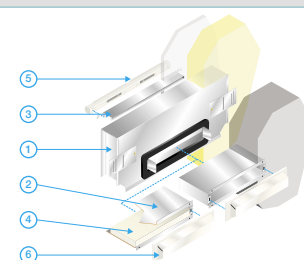


### ACOUSTIC DETAILS

	Sleeves	Air inlet	Dnew (Ctr) (dB)
Self-balanced	MTR + TR + MEA	EMMA 22	51
	MTR + TR + P20 + MEA		54
	MTR + TR + MEA	EMMA 30	51*
	MTR + TR + P20 + MEA		54*
Humidity-controlled	MTR + TR + MEA	EMMA 45	51*
	MTR + TR + P20 + MEA		51
	MTR + TR + MEA	EHB <sup>2</sup>	53
	MTR + TR + P20 + MEA		52*
	MTR + TR + MEA	EHL S / EFL S	54*
	MTR + TR + P20 + MEA	EHL S / EFL S	54*

Possible to replace the EMMA 22 with an EA22 or an ELLIA 22: identical acoustic results; or the EMMA 30 by an EA30 or an ELLIA 30: identical acoustic results.

### INSTALLATION



1. MTR
2. TR
3. MEA
4. P20 Acoustic element
5. Air inlet
6. Outside rainhood

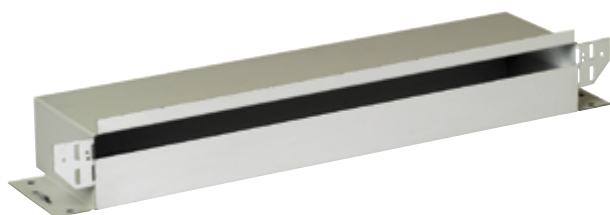


# Air inlets and ventilation grilles

Sleeves: rectangular wall penetration



## Standard MTR



### ADVANTAGES

- Flush outside aesthetic wall with masonry rainhood.
- Installation by sealing in a simple rectangular wall penetration.
- Suited to all Aldes air inlets: self-balanced, humidity-controlled and fixed.

### RANGE

Designation	Reference	Discount family
Standard MTR 7 cm	11011366	04
Standard MTR 9 cm	11011367	04
Standard MTR 14 cm	11011369	04

### DESCRIPTION

- The Standard MTR is made of galvanised sheet metal and is available in three depths: 7, 9 or 14 cm.
- Using the rectangular wall penetration, it enables the installation of a masonry cover on the outside wall and a self-balanced or humidity-controlled air inlet on the inside.

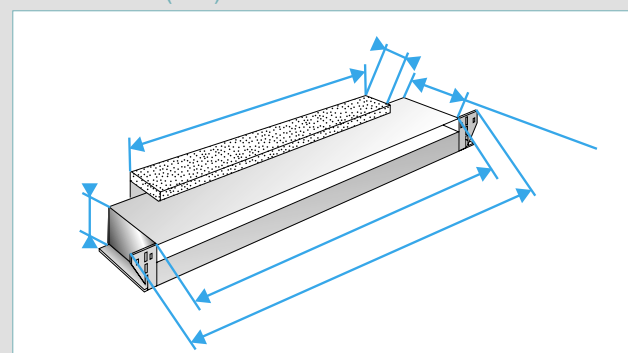
### FIELD OF APPLICATION

- The sleeve penetrates the insulation and provides a connection to the air inlet. When associated to the female in-line rectangular wall penetration, it provides air intake into the building.
- Multi-family housing or non-residential buildings.
- New and existing buildings.

### ACCESSORIES

Designation	Reference	Discount family
Masonry wall sleeves	11011218	04

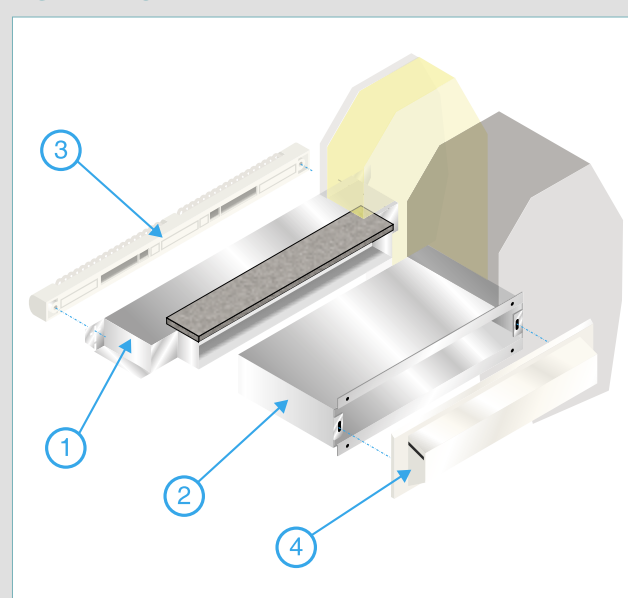
### DIMENSIONS (MM)



### ACOUSTIC DETAILS

- When associated to a rectangular wall penetration, the Standard MTR enables to maintain the acoustic performance of the air inlet with its standard rainhood.
- The self-balanced and humidity-controlled air inlets that can be associated to this element are: EMMA-EA-EAI-ELLIA-EHL-EHB<sup>2</sup>.

### INSTALLATION



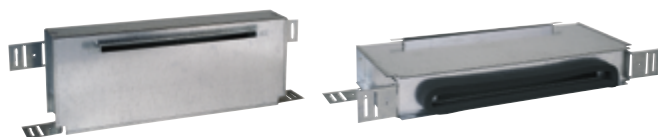
1. MTR
2. TR wall penetration
3. Air inlet
4. Outside rainhood

# Air inlets and ventilation grilles

Sleeves: top of window



## Acoustic MHF



### ADVANTAGES

- Discretion: nothing on the outside wall
- Simplified installation (no opening to make in walls).
- Excellent acoustic performance: from 46 to 49 dB.

### RANGE

Designation	Reference	Discount family
Acoustic MHF + MEA 45 kit	11011382	04
Acoustic MHF + MEA 160 kit	11011391	04
Acoustic MHF + MEA 200 kit	11011392	04

### DESCRIPTION

- Made of galvanised metal sheet, the acoustic MHF sleeve features a melamine foam sound-proofing treatment.

### FIELD OF APPLICATION

- The sleeve is placed within the insulation above the window and provides an air intake into the building.
- Multi-family housing or non-residential buildings.
- New and existing buildings.

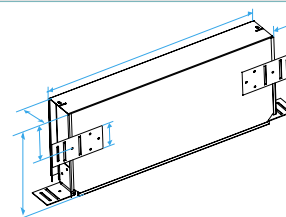
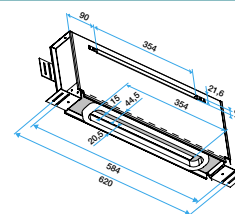
### INSTALLATION

- The acoustic MHF sleeve is fixed above the window and within the lining. It enables the installation of a standard rainhood or a flange on the outside wall, together with a self-balanced or humidity-controlled air inlet on the inside.

### ACCESSORIES

Designation	Colour grille	Reference	Discount family
Long flange for Mini Emma, Emma, Mini EA, EA, ELLIA, EHB, BHL	White	11011413	04
	Brown	11011415	04
	Oak	11011414	04
	Black	11011416	04
	Alu	11011417	04
	Light Oak	11011418	04

### DIMENSIONS (MM)

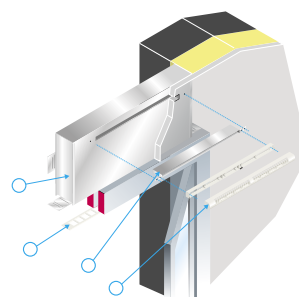


### ACOUSTIC DETAILS

	Sleeve	Air inlet	Dnew+Ctr (dB)
Self-balanced	Acoustic MHF + MEA	EMMA 22	46
		EMMA 30	46
		EMMA 45	46
		ELLIA 22	49
		ELLIA 30	49*
Humidity-controlled	Acoustic MHF +MEA	EHB <sup>2</sup>	46
		EHL S	46

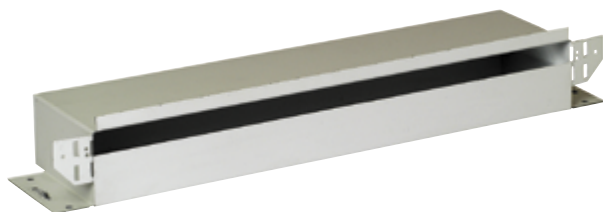
Possible to replace the EMMA 22 with an EA22: identical acoustic results; and the EMMA 30 by an EA30: identical acoustic results.

### INSTALLATION



1. MHF
2. MEA
3. Air inlet
4. Long outside flange

## Standard MHF sleeve



### ADVANTAGES

- Aesthetic:
- nothing on the outside wall,
- nothing on the window.

### RANGE

Designation	Reference	Discount family
Standard MHF 52 x 50	11011360	04
Standard MHF 70 x 50	11011361	04
Standard MHF 90 x 50	11011362	04

### DESCRIPTION

- Made of galvanised metal sheet, the standard MHF sleeve features a melamine foam sound-proofing treatment.
- It is available in three different depths: 52, 70 or 90 mm.

### FIELD OF APPLICATION

- The sleeve is placed within the insulation above the window and enables an air intake into the building.
- Multi-family housing or non-residential buildings.
- New and existing buildings.

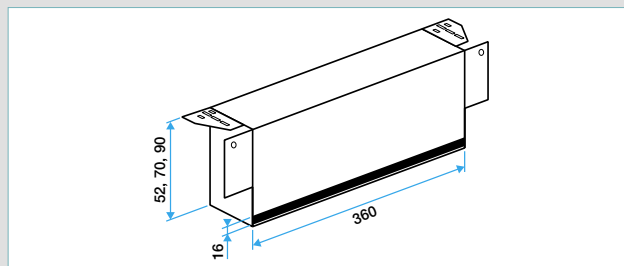
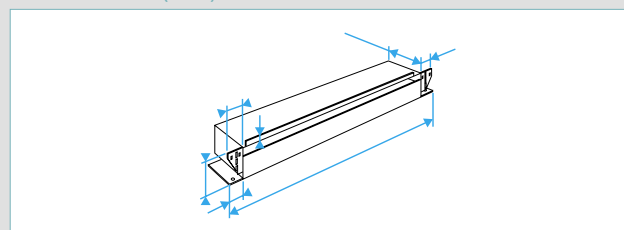
### INSTALLATION

- The standard MHF sleeve is fixed above the window and within the lining. It enables the installation of a standard rainhood or a flange on the outside wall, together with a self-balanced or humidity-controlled air inlet on the inside.

### ACCESSORIES

Designation	Colour grille	Reference	Discount family
Long flange for Mini Emma, Emma, Mini EA, EA, ELLIA, EHB, BHL	White	11011413	04
	Brown	11011415	04
	Oak	11011414	04
	Black	11011416	04
	Alu	11011417	04
	Light Oak	11011418	04

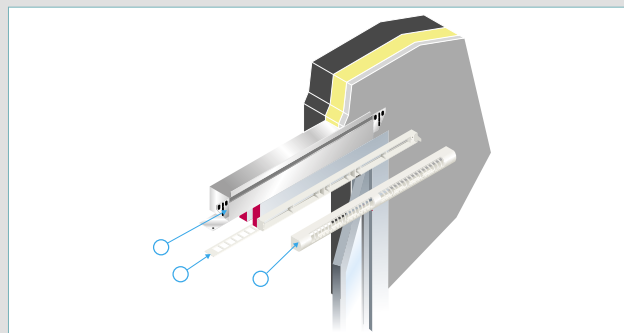
### DIMENSIONS (MM)



### ACOUSTIC DETAILS

Designation	Air inlet associated	Dnew + Ctr (dB)
Standard MHF 52 x 50	EA	37
	EHB <sup>2</sup>	34
	EHL	36
Standard MHF 70 x 50	EA	38
	EHB <sup>2</sup>	35
	EHL	37
Standard MHF 90 x 50	EA	39
	EHB <sup>2</sup>	36
	EHL	38

### INSTALLATION



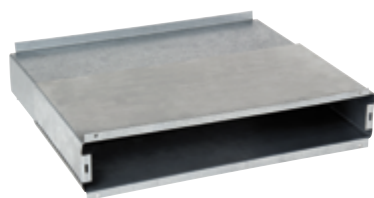
- MHF
- Air inlet
- Long outside flange

# Air inlets and ventilation grilles

## Accessories for sleeves



## Connector sleeve for rainhood



Sliding rectangular penetration (TR)

### RANGE

Designation	Reference	Discount family
Sliding TR penetration 14 to 27 cm	11011389	04
Sliding TR penetration 19 to 32 cm	11011390	04

### DESCRIPTION

- Made of galvanised sheet metal, the rectangular penetration includes two sliding parts. It enables penetrations across walls with depths from 14 to 27 cm or from 19 to 32 cm.

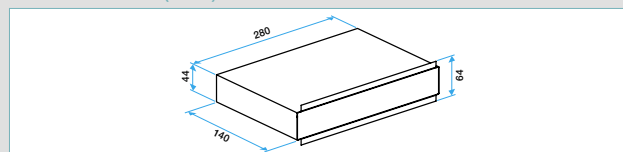
### FIELD OF APPLICATION

- Sleeve penetrating wall and enabling air intake into the building.

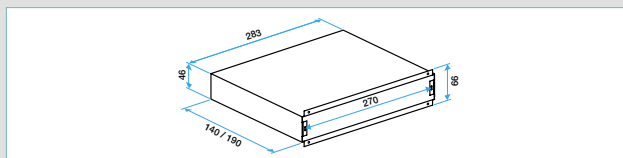
### ADVANTAGES

- Linear aesthetic finish on the outside wall.

### DIMENSIONS (MM)



Sliding penetration TR male part

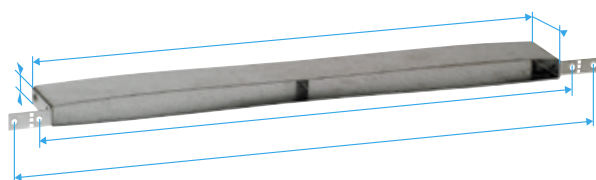


Sliding penetration TR female part

### INSTALLATION

- Once sealed into the wall, the rectangular penetration enables the installation of a masonry rainhood on the outside wall and with a suitable MTR, a self-balanced or humidity-controlled air inlet on the inside.

## Air inlet sleeve



MEA



TM

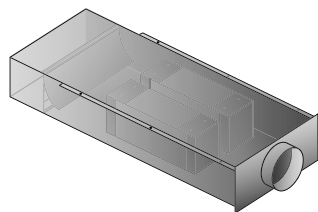
### RANGE

Designation	Dimensions	Reference	Discount family
TM	Length 50 to 70 mm.	11011501	04
TM extension	Length 20 to 30 mm.	11011893	04
MEA 45	Length 45 mm	11011378	04
MEA 160	Length 160 mm	11011371	04
MEA 200	Length 200 mm	11011373	04
Straight caising sleeve	Length 90 mm	11011333	04

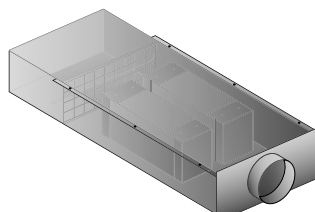
### FIELD OF APPLICATION

- The air inlet sleeve serves to create a junction between the air inlet and the mortise.
- The mortise can be cut into the framework, in a masonry sleeve or a roller shutter box.
- The TM sleeve for air inlets serves to create a junction between the air inlet and the mortise. It is used for wall penetrations from 50 to 70 mm.
- The TM extension serves to increase the distance of the sleeve by 20 to 30 mm. The number of extensions depends on the length of the penetration.

## EAT-SAT



EAT



SAT

### RANGE

Designation	Reference	Discount family
EAT 250 m³/h Length 1300 mm	11011010	04
SAT 250 m³/h Length 1300 mm	11011011	04
EAT 250 m³/h Length 1500 mm	11011012	04
SAT 250 m³/h Length 1500 mm	11011013	04

### DESCRIPTION

- EAT/SAT is a sound-proofed casing for air inlets or outlets and is associated to an exhaust CMEV or air supply system.

### FIELD OF APPLICATION

- Exhaust air system (EAT) or air supply system (SAT).
- Classrooms, meeting rooms, community halls, sports halls, multi-purpose locations.

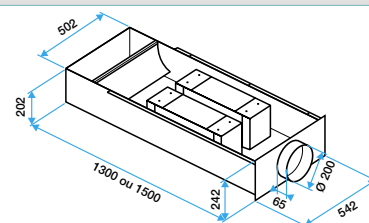
### ACCESSORIES

Designation	Reference	Discount family
<b>Indoor diffuser compatible</b>		
Steel diffuser SF 704 R TP F16	11051356	10
A842 TP Diffuser Ø200 600X600 RAL9010-30%	11051372	10
Back plenum RT	11053583	10
<b>Outside grille</b>		
AWA 251 500x200 G. EXTER	11052035	10
<b>Outside Grille compatible</b>		
Frame F4	11053772	10

### ADVANTAGES

- Airflow of 250 m³/h at 20 Pa.
- Excellent sound-proofing against outside noise.
- Excellent sound-proofing against inside noise.
- Free choice of terminal and diffuser.

### DIMENSIONS

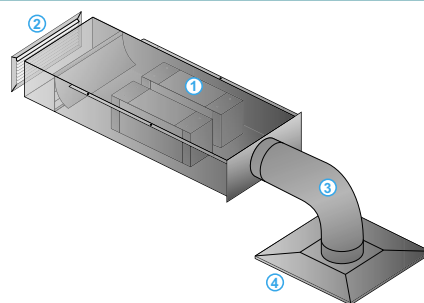


### TECHNICAL DETAILS

- Comprises: galvanised steel casing with regulator box, calibrated backdraft damper and melamine silencer.
- Airflow: calibrated at 250 m³/h under 20 Pa.

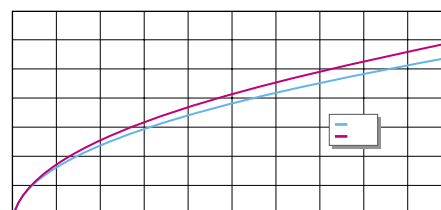
#### A full system comprises:

- an EAT/SAT,
- outside terminal,
- standard or sound-proofed flexible duct,
- indoor terminal or diffuser.



### ACOUSTIC DETAILS

	Dnew (Ctr) in dB	Dnew (C) in dB
EAT/SAT 1300 mm	41	44
EAT/SAT 1300 mm + 2 m sound-proofed algaïne	43	48
EAT/SAT 1500 mm	44	49
EAT/SAT 1500 mm + 2 m sound-proofed algaïne	45	49



Airflow curve





### GAT - GR



GAT



GR

#### ADVANTAGES

- Exists with or without anti-mosquito mesh.
- Aluminium or white epoxy paint finish.

#### RANGE

Dimensions	Reference	Discount family
<b>GAT Aluminium white epoxy with GAM grille</b>		
150 x 150	11001008	10
150 x 200	11001009	10
150 x 250	11001012	10
200 x 200	11001013	10
250 x 250	11001014	10
<b>GAT Aluminium white epoxy without GAM grille</b>		
150 x 150	11001000	10
150 x 200	11001001	10
150 x 250	11001004	10
200 x 200	11001005	10
250 x 250	11001006	10
<b>GAT Aluminium with GAM grille</b>		
150 x 150	11001024	10
150 x 200	11001025	10
150 x 250	11001028	10
200 x 200	11001029	10
250 x 250	11001030	10
<b>GAT Aluminium without GAM grille</b>		
150 x 150	11001016	10
150 x 200	11001017	10
150 x 250	11001020	10
200 x 200	11001021	10
250 x 250	11001022	10
<b>GR Aluminium white epoxy without GAM grille</b>		
160 x 100	11001045	10

#### DESCRIPTION

- Air transfer and discharge in exhaust or CMEV system.
- Replaces the natural ventilation grille.
- Pressed grilles with 20°-inclined horizontal blades spaced at 12 mm (GAT) or 6 mm (GR).
- Made of aluminium.
- Aluminium or white (RAL 9010) epoxy paint finish.
- Exists with or without anti-mosquito mesh.

#### INSTALLATION

- Visible screw attachment.

#### AIR PASSAGE

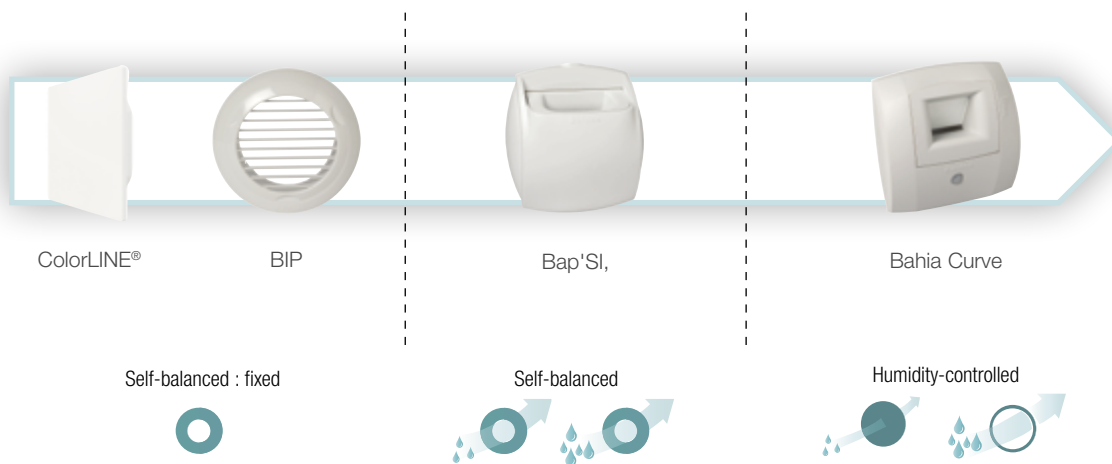
Air passage (cm²)	GAT model	GR model
50	GAT 150 x 150	GR 160 x 100
100	GAT 150 x 200	
150	GAT 150 x 250	
150	GAT 200 x 200	
200	GAT 250 x 250	









# Grilles and terminals

The range by performance level

## Selection guide for air exhaust

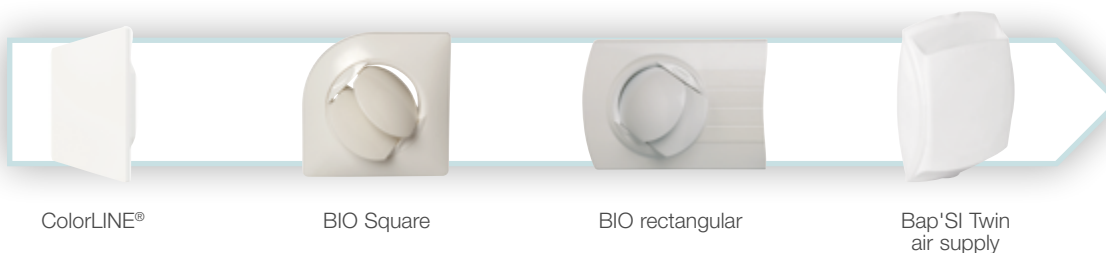


TYPE	RANGE	MODEL	DIAMETER (mm)						AIRFLOW
			WITHOUT SHAFT	80	100	116	125	150	
PLASTIC	ColorLINE®			✓			✓		DEPENDING ON ASSOCIATED AIRFLOW REGULATOR (MR, REGULATED CONNECTION..)
	BIP			✓			✓		DEPENDING ON ASSOCIATED AIRFLOW REGULATOR (MR, REGULATED CONNECTION..)
	BAP'SI simple airflow		✓			✓	✓	✓	0-60 M³/H
	BAP'SI twin		✓			✓	✓	✓	0-150 M³/H
	BAP'SI dual airflow		✓			✓	✓	✓	0-135 M³/H
	BAHIA CURVE S		✓	✓		✓	✓	✓	0-50 M³/H
	BAHIA CURVE L		✓			✓	✓	✓	0-140 M³/H

# Grilles and terminals

The range by aesthetic






## Selection guide for air supply plastic



**i** Wall or ceiling mounted.

In air supply for Heat Recovery Ventilation, terminals are not regulated :

- The global airflow is regulated by the HRV unit,
- Airflow is balanced between different connections according to ductwork's pressure loss or by balancing damper (RG type).

TYPE	RANGE	MODEL	DIAMETER Ø (mm)					
			WITHOUT SHAFT	80	100	116	125	OVAL 135 X 52
PLASTIC	ColorLINE®			✓			✓	
	BIO			✓			✓	
	BIO Square			✓			✓	
	BIO Rectangular			✓			✓	
	BAP'SI twin		✓		✓	✓	✓	



## Bahia Curve: general



Bahia Curve L



Bahia Curve S

### DESCRIPTION

- Humidity-controlled exhaust terminal.
- Basic constant airflow level or according to the relative humidity.
- Boost airflow activated on demand: see table opposite.
- Innovative design for seamless integration.
- Versions and accessories that meet all installation needs.
- Pressure range: 80-160 Pa.
- Various models:
  - Bahia Curve L for airflows > 50m<sup>3</sup>/h (kitchen).
  - Bahia Curve S for airflows < 50/h (bath/shower).
  - Bahia Curve S and L for commercial.


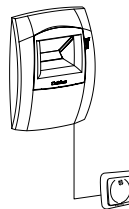
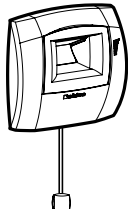
### FIELD OF APPLICATION

- Humidity-controlled CMEV.
- Residential and commercial.
- New and existing buildings.

### INSTALLATION

- Versions with Ø 125 mm shaft (Roll-in seal):
  - Connection by slotting into: sleeves, RT Flex, rigid ducts.
  - The Roll-in seal ensures air tightness and flush fitting against the wall.
- Versions with Ø 80 mm shaft
  - Connection by slotting into: sleeves, rigid ducts.
- Shaftless versions:
  - Connected by clip on Ø 125 mm shaft (Roll-In seal), Ø 116 mm shaft (Roll-In seal) or Ø 100 mm shaft (foam seal).
  - Screwed directly on to the wall.
  - Clip attachment to the retrofit plate.

### CONTROL OF BOOST AIRFLOW

PRES	PUSH	PULL CORD
		
Controlled automatically according to room occupancy. Timer-controlled airflow**.	Controlled using a button (ordered separately). If controlled by push button (press) : timer-controlled airflow**. If controlled by ON / OFF switch : not timer-controlled airflow***.	Controlled by pulling the cord. Timer-controlled airflow*.
Powered by battery or via mains supply accessories*.	With push button: powered by battery or via mains supply accessories*. With ON/OFF switch: powered via mains supply accessories*.	No electric power supply

\* Battery: 9V alkaline type 6 LR61 (ordered separately). Or mains power via 9 V DC 230 V AC interface (see electrical accessories).

\*\* Boost airflow for 20 minutes (Bahia Curve S) or 30 minutes (Bahia Curve L) by pressing (except for PRES version: activated after 25 sec).



# Grilles and terminals

## Humidity-controlled terminals



### Bahia Curve S (bath/WC)



#### ADVANTAGES

- Innovative design.
- Easy installation.
- Roll-In seal.
- Simple to clean.
- A single reference for battery-powered or 230 V mains power.

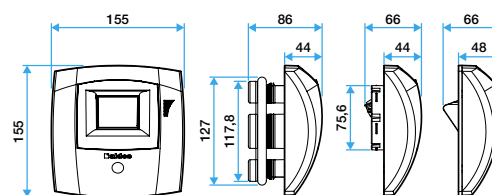
#### DESCRIPTION

- Small-size humidity-controlled terminal for airflow < 50 m<sup>3</sup>/h.
- Boost airflow control.
- Innovative design, no grille.
- Versions and accessories that meet all installation needs.
- Easy to clean: control sub-assembly quick to clip on and unclip.
- Pressure range: 80-160 Pa.

#### FIELD OF APPLICATION

- Humidity-controlled CMEV.
- Residential: bath/shower/WC.
- New and existing buildings.

#### DIMENSIONS (MM)



#### RANGE FOR MULTI-FAMILY HOUSING

Control	Mounting	Designation	Min. airflow m3/h	Peak airflow m3/h	% HR	Reference	Discount family
BATHROOM							
-	Ø 80	B21	5-45	-	45/84%	11015024	05
-		B22	10-50	-	31/71%	11015025	05
-		B23	15-50	-	20/55%	11015026	05
-	Ø 125	B31	5- 45	-	45/85%	11015027	05
-		B32	5- 45	-	36/76%	11015029	05
-		B33	10 - 50	-	30/70%	11015031	05
-	Shaftless	B31	5- 45	-	45/85%	11015028	05
-		B32	5- 45	-	36/76%	11015030	05
-		B33	10 - 50	-	30/70%	11015032	05
BATHROOM WITH WC							
PRES 9V	Ø80	BW21	5-45	30	36/76%	11015144	05
		BW22	15-50	50	21/56%	11015146	05
PRES 9V	Ø125	BW31	5- 45	30	45/85%	11015149	05
		BW32	10 - 50	30	28/68%	11015152	05
		BW33	15 - 50	50	31/66%	11015155	05
	Shaftless	BW31	5- 45	30	45/85%	11015162	05
		BW32	10 - 50	30	28/68%	11015163	05
		BW33	15 - 50	50	31/66%	11015164	05
CORD	Ø125	BW31	5- 45	30	45/85%	11015148	05
		BW32	10 - 50	30	28/68%	11015151	05
		BW33	15 - 50	50	31/66%	11015154	05
	Shaftless	BW31	5- 45	30	45/85%	11015159	05
		BW32	10 - 50	30	28/68%	11015160	05
		BW33	15 - 50	50	31/66%	11015161	05
WC							
PRES 9V	Ø125	W13	5	30	-	11015474	05
	Ø80			-	11015475	05	
	Shaftless			-	11015488	05	
PUSH 9V	Ø125			-	11015470	05	
	Ø80			-	11015471	05	
CORD	Ø125			-	11015472	05	
	Ø80			-	11015473	05	
	Shaftless			-	11015482	05	

# Grilles and terminals

## Humidity-controlled terminals



### Bahia Curve L (kitchen)



#### ADVANTAGES

- Innovative design.
- Easy installation.
- Roll-In seal.
- Simple to clean.
- A single reference for battery-powered or 230 V mains power.

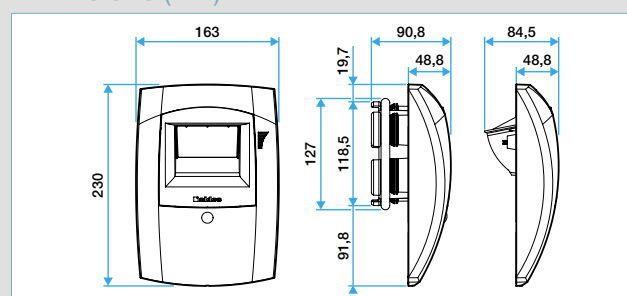
#### DESCRIPTION

- Large-size humidity-controlled terminal (airflow > 50 m<sup>3</sup>/h).
- Boost airflow control.
- Innovative design, no grille.
- Versions and accessories that meet all installation needs.
- Easy to clean: control sub-assembly quick to clip on and unclip.
- Infra-Red version with remote control for a practical, modern design and simple installation without push button control.
- Pressure range: 80-160 Pa.

#### FIELD OF APPLICATION

- Humidity-controlled CMEV.
- Residential: kitchens.
- New and existing buildings.

#### DIMENSIONS (MM)



#### RANGE FOR SINGLE FAMILY HOUSING

Control	Mounting	Designation	Min. airflow m <sup>3</sup> /h	Peak airflow m <sup>3</sup> /h	% HR	Reference	Discount family
<b>KITCHEN</b>							
CORD	Ø125	C21	15-55	135	23/63%	11015066	05
PUSH 9V	Ø125					11015068	05
CORD	Shaftless					11015069	05
CORD	Ø125	C32	10/50	90	50/90%	11015074	05
PUSH 9V	Ø125					11015076	05
CORD	Shaftless					11015077	05
CORD	Ø125	C36	10/50	90	35/75%	11015090	05
PUSH 9V	Ø125					11015092	05
CORD	Shaftless					11015093	05

#### RANGE FOR MULTI-FAMILY HOUSING

Control	Mounting	Designation	Min. airflow m <sup>3</sup> /h	Peak airflow m <sup>3</sup> /h	% HR	Reference	Discount family
<b>KITCHEN</b>							
PUSH 9V	Ø125	C31	10/50	75	50/90%	11015072	05
		C32	10/50	90	50/90%	11015076	05
		C33	10/50	105	42/82%	11015080	05
		C34	10/50	120	41/81%	11015084	05
		C35	15-55	135	45/85%	11015088	05
		C36	10/50	90	35/75%	11015092	05
		C21	15 – 55	135	23/63%	11015068	05
CORD	Ø125	C31	10/50	75	50/90%	11015070	05
		C32	10/50	90	50/90%	11015074	05
		C33	10/50	105	42/82%	11015078	05
		C34	10/50	120	41/81%	11015082	05
		C35	15-55	135	45/85%	11015086	05
		C36	10/50	90	35/75%	11015090	05
		C21	15 -55	135	23/63%	11015066	05
	Shaftless	C31	10/50	75	50/90%	11015073	05
		C32	10/50	90	50/90%	11015077	05
		C33	10/50	105	42/82%	11015081	05
		C34	10/50	120	41/81%	11015085	05
		C35	15-55	135	45/85%	11015089	05
		C36	10/50	90	35/75%	11015093	05
		C21	15 – 55	135	23/63%	11015069	05

# Grilles and terminals

## Humidity-controlled terminals



## Bahia Curve Commercial



### ADVANTAGES

- Innovative design.
- Easy installation.
- Simple to clean.

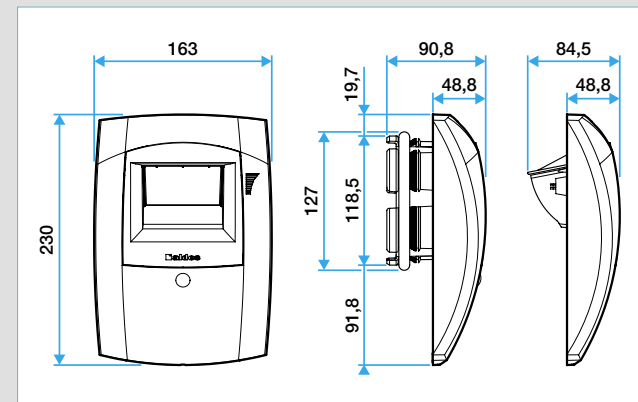
### DESCRIPTION

- Humidity-controlled terminal
- Innovative design, no grille.
- Versions and accessories that meet all installation needs.
- Easy to clean: control sub-assembly quick to clip on and unclip.
- Pressure range: 80-160 Pa.

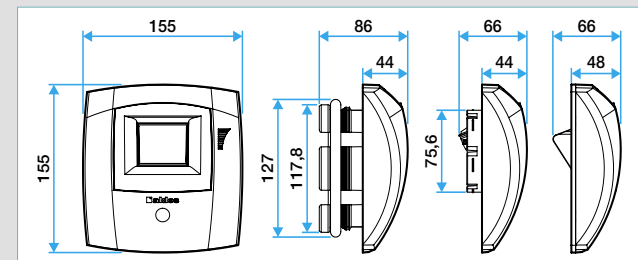
### FIELD OF APPLICATION

- Humidity-controlled CMEV.
- Hotels.
- New and existing buildings.

### DIMENSIONS (MM)



BW44, B44 Bahia Curve L



BW42, B42 et BW43, B43 Bahia Curve S

### RANGE

Control	Mounting	Designation	Peak airflow m³/h	% HR	References	Discount family	Pack.
<b>Commercial : Bathroom with WC</b>							
PRESENCE	Ø 125	BW42 Bahia Curve S	10-50	27-67 %	11017342	05	48
	Ø 125	BW43 Bahia Curve S	15-50	22-57 %	11017345	05	30
	Ø 125	BW44 Bahia Curve L	15-65	22-47 %	11017348	05	-
CORD	Ø 125	BW42 Bahia Curve S	10-50	27-67 %	11017343	05	48
	Ø 125	BW43 Bahia Curve S	15-50	22-57 %	11017346	05	30
	Ø 125	BW44 Bahia Curve L	15-65	22-47 %	11017349	05	-
<b>Commercial : Bathroom without WC</b>							
-	Ø 125	B42 Bahia Curve S	10-50	32-72 %	11017344	05	48
-	Ø 125	B43 Bahia Curve S	15-50	27-62 %	11017347	05	30
-	Ø 125	B44 Bahia Curve L	15-65	24-49 %	11017350	05	-
<b>Commercial : WC</b>							
PUSH	Ø 125	W13 Bahia Curve S	5		11015470	05	48
	Ø 80	W13 Bahia Curve S	5		11015471	05	56
PRESENCE	Ø 125	W13 Bahia Curve S	5		11015474	05	392
	Ø 80	W13 Bahia Curve S	5		11015475	05	504

# Ductworks and regulation

## Optiflex semi-rigid ductwork



## Bahia Curve terminals kits for Optiflex



BAHIA CURVE bath./WC kits



Kit BAHIA Curve PUSH Kitchen

### RANGE

Designation	Reference	Discount family
Optiflex accessory kit for EasyHOME kit	11091994	01
BAHIA Curve BATH/WC kit F1-F4 Ø 80 mm	11033669	01
BAHIA Curve BATH/WC kit F5-F6 Ø 80 mm	11033670	01
BAHIA Curve PUSH KITCHEN kit Ø 125 mm	11033671	01
BAHIA Curve WC PRES kit Ø 80 mm	11033668	01
BAHIA Curve BATH CELLAR kit Ø 80 mm	11033667	01

### DESCRIPTION

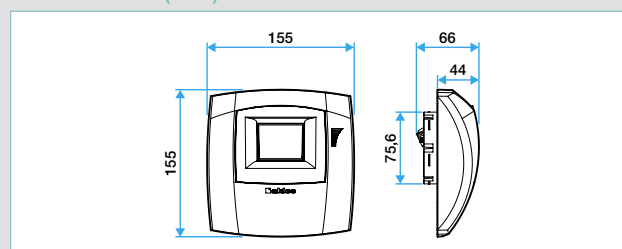
#### Optiflex accessory kit for EasyHOME kit :

- Connect an EasyHOME Hygro kit to an Optiflex Ø90mm duct by using the dedicated Optiflex accessory kit.

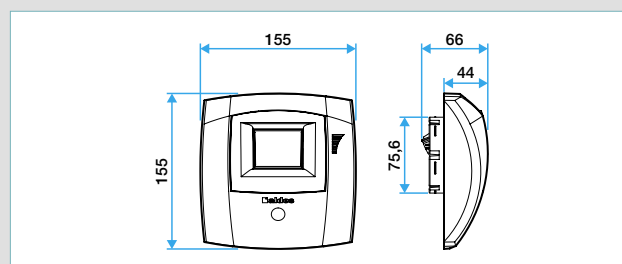
#### BAHIA kits :

- Enables connection of an additional sanitary area to an EasyHOME unit using Ø interior/exterior 78/90 Optiflex ducting.
- Sanitary kit comprising a BAHIA Curve humidity-controlled extract terminal, a Ø80 trident sleeve, EasyClip Optiflex connectors and seals.
- Kitchen kit comprising a BAHIA Curve humidity-controlled extract terminal, a Ø125 flexible trident sleeve, an Optiflex Y-piece to connect 2 x Ø interior/exterior 78/90 ducts, the required EasyClip connectors and seals.
- PUSH kitchen terminal controlled by push button (not supplied).
- PUSH kitchen and WC PRES terminals powered by battery (alkaline 9V, type LR 61, not supplied).

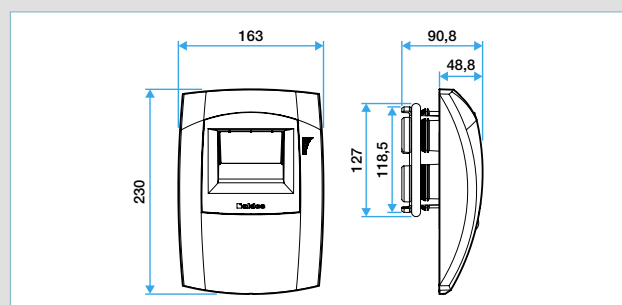
### DIMENSIONS (MM)



BAHIA Curve BATHROOM AND CELLAR



BAHIA Curve WC PRESENCE



BAHIA Curve KITCHEN

### KITS COMPOSITION FOR OPTIFLEX

Designation	OPTIFLEX ACCESSORY KIT FOR EASYHOME KIT	KIT BAHIA CURVE PUSH KITCHEN Ø125	KIT BAHIA CURVE BATHROOM Ø80	KIT BAHIA CURVE WC PRES Ø80	KIT BAHIA CURVE BATHROOM 1 TO 5 ROOMS Ø80	KIT BAHIA CURVE BATHROOM/WC 6 TO 7 ROOMS Ø80
<b>Codes</b>	<b>11091994</b>	<b>11033671</b>	<b>11033667</b>	<b>11033668</b>	<b>11033669</b>	<b>11033670</b>
11091988 OPTIFLEX FLEXIBLE CONNECTION EASYCLIP Ø90	4	2	1	1	1	1
11091989 OPTIFLEX STRAIGHT CONNECTION EASYCLIP Ø90	4	2	1	1	1	1
11091990 OPTIFLEX Y-PIECE Ø125 FOR 2 DUCTS Ø90	2	2				
11091991 OPTIFLEX FLEXIBLE CONNECTION SLEEVE Ø125	1	1				
11022074 TRIDENT SLEEVE Ø80	2		1	1	1	1
SEALS	10	4	2	2	2	2
11015068 C21 PUSH 9V Ø125		1				
11015024 B21 Ø80			1			
11015475 W13 PRES Ø80				1		
11015144 BW21 PRES Ø80					1	
11015146 BW22 PRES Ø80						1

\*Cellar: room with water source excluding kitchen and WC, without bath or shower.



# Grilles and terminals

## Humidity-controlled terminals



## Bahia Curve terminals kits for Algaine



Kit BAHIA Curve Bain



Kit BAHIA Curve WC PRESENCE

### RANGE

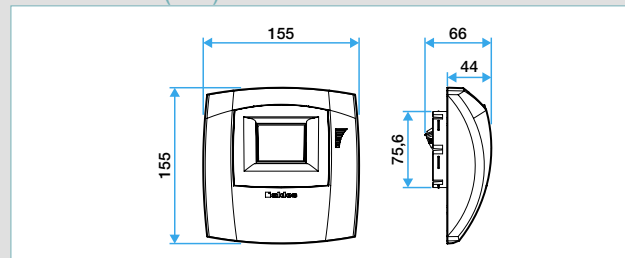
Designation	Reference	Discount family
BAHIA Curve KITCHEN PUSH kit Ø 125 mm	11033666	01
BAHIA Curve BATH CELLAR* kit Ø 80 mm	11033663	01
BAHIA Curve WC PRES kit Ø 80 mm	11033661	01
BAHIA Curve BATH/WC PRES 1-4 rooms kit Ø80 mm	11033664	01
BAHIA Curve BATH/WC PRES 5-6 rooms Ø 80 mm	11033665	01

### DESCRIPTION

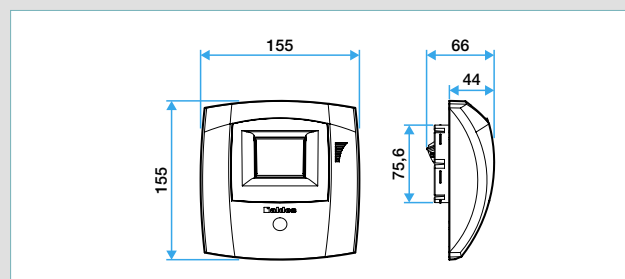
- Used to connect an additional bath./WC to a BAHIA kit.
- Kit including a BAHIA Curve humidity-controlled exhaust terminal, a sleeve and an Easy-clip system (connection and fixing collar).
- PUSH kitchen terminal controlled by push button (not supplied).
- PUSH kitchen terminal and WC PRES terminal powered by battery (Alkaline 9V - LR61 - not supplied).

\*Cellar: room with water source excluding kitchen and WC, without bath or shower.

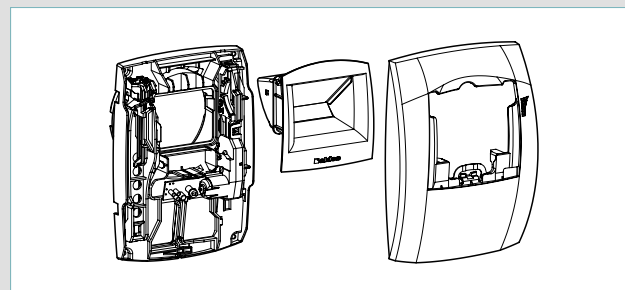
### DIMENSIONS (MM)



BAHIA Curve BATHROOM AND CELLAR



BAHIA Curve WC PRESENCE



BAHIA Curve KITCHEN

### BAHIA CURVE TERMINALS KITS COMPOSITION FOR ALGAINE

Designation	BAHIA KITCHEN PUSH kit for 1 kitchen	BAHIA BATHROOM/CELLAR kit for 1 bathroom	BAHIA WC PRESS KIT FOR 1 WC	BAHIA Curve BATH/WC PRES 1-4 rooms kit	BAHIA Curve BATH/WC PRES 5-6 rooms
<b>Kit Reference</b>	<b>11033666</b>	<b>11033663</b>	<b>11033661</b>	<b>11033664</b>	<b>11033665</b>
Connection + Easy-clip fixing collar Ø 125 mm	1				
Sleeve Ø 125 mm	1				
Connection + Easy-clip fixing collar Ø 80 mm		1	1	1	1
Sleeve Ø 80 mm		1	1	1	1
C21 PUSH Ø 125 mm	1				
B21 Ø 80 mm		1			
W13 PRES Ø 80 mm			1		
BW21 PRES Ø 80 mm				1	
BW22 PRES Ø 80 mm					1

\*Cellar: room with water source excluding kitchen and WC, without bath or shower.



### ColorLINE®



#### RANGE

Designation	Grille colour	Reference	Discount family
ColorLINE® Ø80 kit	White Flake	11022156	01
ColorLINE® Ø125 kit	White Flake	11022157	01
Ø80 mm back support white	White	11022158	01
Ø125 mm back support white	White	11022159	01
Ø80 mm back support black	Black	11022175	01
Ø125 mm back support black	Black	11022176	01
<b>«Classics» collection</b>			
ColorLINE® design front panel	Chill Grey	11022160	01
ColorLINE® design front panel	Grege	11022161	01
ColorLINE® design front panel	Taupe	11022162	01
ColorLINE® design front panel	Anthracite	11022163	01
<b>«Colours» collection</b>			
ColorLINE® design front panel	Paprika	11022164	01
ColorLINE® design front panel	Lagoon Blue	11022165	01
ColorLINE® design front panel	Turquoise Blue	11022166	01
ColorLINE® design front panel	Plum	11022167	01
ColorLINE® design front panel	Fuschia	11022168	01
<b>«Natural» collection</b>			
ColorLINE® design front panel	White wood	11022169	01
ColorLINE® design front panel	Oak	11022170	01
ColorLINE® design front panel	Wengé	11022171	01
ColorLINE® design front panel	Brushed Aluminium	11022172	01
ColorLINE® design front panel	Titanium	11022173	01
<b>«Tailor-made» collection</b>			
ColorLINE® design front panel	Tailor-made	11022174	01

#### DESCRIPTION

Available in 15 colors and 1 tailor-made design plate, the universal ColorLINE® ventilation grille can replace your existing grille.

- Fixed ColorLINE® ventilation grille.
- Functions in extraction and supply\*.
- Exist in 2 diameters: Ø80mm and Ø125mm.
- Airflow Ø80mm from 15 to 60 m3/h.
- Airflow Ø125mm from 45 to 135m3/h.
- Augmented reality application Aldes ColorLINE®: gives you the possibility to integrate ColorLINE® ventilation grille in your home decoration.
- Easy to maintain.
- Made in France.

\* Air supply with constant airflow regulator MR Mono or modulo.

#### FIELD OF APPLICATION

- Individual housing and multiple dwellings.
- Refurbishment market : change your old ventilation grilles by Aldes ColorLINE®.

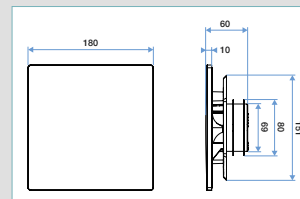
#### INSTALLATION

- Ventilation grille ColorLINE® is made of two removable parts: design plate (in ABS) and base with double seal joint (in polypropylene).
- Fits all the sleeves on the market (Ø80 - from 70 to 78mm and Ø125- from 116 to 125mm).
- Design plate can be changed within a click.
- Only 1 design plate whatever the diameter of ventilation grille.
- Air diffusion is adjustable thanks to a plug clipped on the base (included).
- Installation on the ceiling or the wall.
- Compatible with Optiflex, Minigaine and Algaïne.

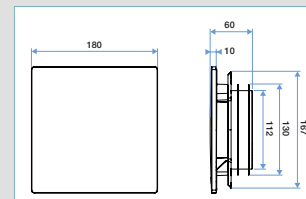
#### ADVANTAGES

- Multi-color range - more than 15 colors and 1 transparent tailor-made grille.
- Fits all the sleeves on the market.
- Installation on the ceiling or the wall.
- High acoustic performances.
- Adjustable air diffusion.
- Augmented reality application Aldes ColorLINE®.

#### DIMENSIONS (MM)

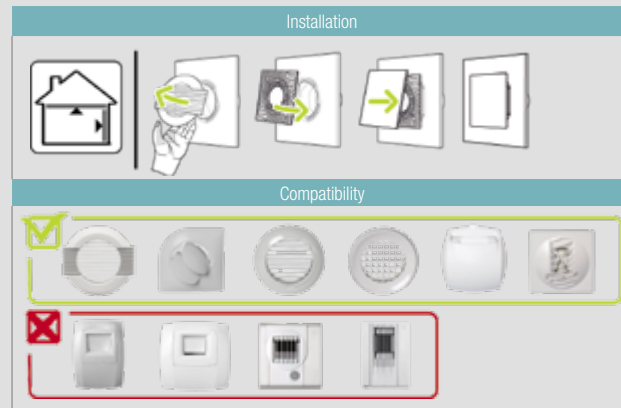


ColorLINE® Ø80 mm



ColorLINE® Ø125 mm

#### IMPLEMENTATION



#### THE RANGE OF COLOURS

CLASSICS				
White Flake	Chill Grey	Grege	Taupe	Anthracite
COLORS				
Paprika	Lagoon blue	Turquoise blue	Plum	Fuchsia
NATURAL				
Brushed Aluminium	Titanium	White wood	Oak	Wengé
CUSTOMISABLE				
Transparent tailor-made grille				

### Bap'SI: general information



Bap'SI single airflow for WC



Bap'SI dual airflow for kitchen



Bap'SI twin

#### DESCRIPTION

- Self-balanced exhaust terminal.
- Self-balanced standard airflow.
- Self-balanced boost airflow, activated on demand see table opposite.
- Innovative design for seamless integration.
- Various versions and accessories meeting all installation needs.
- Pressure range: 50-160 Pa.
- Tolerance on airflow (-0; +30 %).
- Various models:
  - Bap'SI single airflow for airflow needs  $\leq 60 \text{ m}^3/\text{h}$ : self-balanced standard airflow (constant airflow whatever the conditions may be).
  - Bap'SI dual airflow: self-balanced standard airflow, controlled boost airflow.
  - Bap'SI twin single airflow for airflows from 15 to  $150 \text{ m}^3/\text{h}$ : self-balanced standard airflow.
- Bap'SI terminals also exist in modulo versions: the same terminal can be used for several airflows (adjustment on site).

#### FIELD OF APPLICATION

- Self-balanced Mechanical Exhaust Ventilation (CMEV).
- Multi-family housing or commercial buildings.
- New and existing buildings.

#### INSTALLATION

- Versions with  $\varnothing 125 \text{ mm}$  shaft :
  - Connection by fitting into: sleeves, RT Flex, rigid ducts.
  - The Roll-In seal (or foam seal for the Bap'SI twin 100 to  $150 \text{ m}^3/\text{h}$ ) ensures an airtight seal and flush mounting on the wall.
- Versions with  $\varnothing 80 \text{ mm}$  shaft:
  - Connection by fitting into: sleeves and rigid ducts.
- Shaftless versions:
  - Connected by clip on  $\varnothing 125 \text{ mm}$  (Roll-In seal),  $\varnothing 116 \text{ mm}$  (Roll-In seal) or  $\varnothing 100 \text{ mm}$  shafts (foam seal).
  - Screwed directly onto the wall.
  - Clip fastening to the retrofit plate.

#### CONTROL OF BOOST AIRFLOW

PUSH	SWITCH	PULL CORD
Controlled via push button (to be ordered separately). Timer-controlled airflow - 30 minutes.	Activated / deactivated using an ON/OFF switch (ordered separately). ON = boost airflow; OFF = standard airflow.	Activated / deactivated by pulling the pull cord.
Powered by batteries or mains accessories.	Powered by mains accessories.	No electric power supply.
Battery: 9 V alkaline type 6 LR61 (ordered separately). Mains power: via 9 V DC 230 V AC interface (see electrical accessories).		

#### ACOUSTIC DETAILS

\* minimum of +4 dB with acoustic ring (see accessories).

Type of terminal	Lw in dB(A) at 136 Pa	Dnew (C) in dB*
Bap'SI 15	32	59
Bap'SI 30	31	57
Bap'SI 15/30	32	56
Bap'SI 20/75	32	56
Bap'SI 30/90	31	56
Bap'SI 45/105	38	53
Bap'SI 45/120	38	53
Bap'SI 45/135	38	53

	Lw in dB(A) at 136 Pa
Bap'SI twin 15	34
Bap'SI twin 30	38
Bap'SI twin 45	41
Bap'SI twin 60	43
Bap'SI twin 75	47
Bap'SI twin 90	49
Bap'SI twin 100	48
Bap'SI twin 120	50
Bap'SI twin 150	51

# Grilles and terminals

## Self-balanced terminals



## Bap'SI dual airflow for kitchen - cord pull



### ADVANTAGES

- Innovative design.
- Roll-In seal.
- Easy maintenance.
- Modulo versions: limits stock levels.
- Electric versions: a unique reference for battery or 230 V power supply.

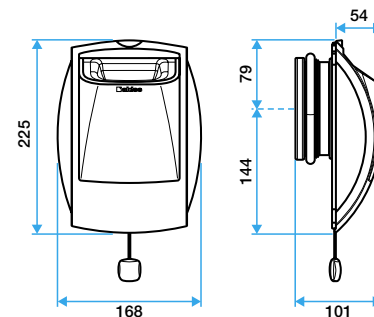
### DESCRIPTION

- Dual-airflow self-balanced exhaust terminal.
- Innovative design, no grille.
- Various versions and accessories meeting all installation needs.
- Includes 3 parts: a technical fitting plate, a controller and a removable front panel.
- Easy cleaning: control sub-assembly quick to clip on and unclip.
- Modulo range: same terminal for several adjustable airflows (see table of ranges)
  - Modulo D1: for kitchens in studios and 1-bed dwellings.
  - Modulo D2: for kitchens in 2-bed+ dwellings.
- Electric versions with timer (PUSH) or without timer (INTER) for more applications, in multi-family housing as in commercial buildings.
- Pressure range: 50-160 Pa.
- Tolerance on airflow: (-0; +30 %).

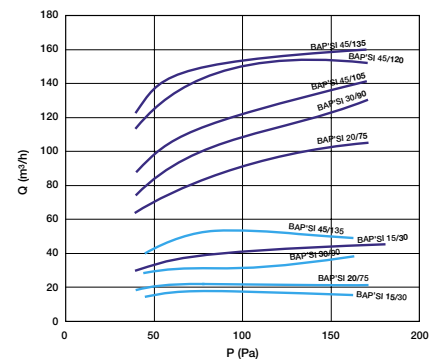
### FIELD OF APPLICATION

- Self-balanced Mechanical Exhaust Ventilation (CMEV).
- Multi-family housing or commercial buildings (for kitchen).
- New and existing buildings.

### DIMENSIONS (MM)



### AIRFLOW DETAILS



### RANGE

Control	Mounting	Designaton	Airflow m³/h	Factory setting airflow	Other adjustable airflows	Reference	Discout family	Pack 1
<b>Modulo</b>								
CORD	Ø 125	Bap'SI modulo D1	-	30/90	20/75*	11019092	03	5
	Ø 125	Bap'SI modulo D2	-	45/105	45/120* et 45/135*	11019093	03	10
	Without shaft	Bap'SI modulo D1	-	30/90	20/75*	11019096	03	5
	Without shaft	Bap'SI modulo D2	-	45/105	45/120* et 45/135*	11019097	03	5
<b>Standard</b>								
CORD	Ø 125	Bap'SI 15/30	15/30	-	-	11019011	03	5
	Ø 125	Bap'SI 20/75	20/75	-	-	11019012	03	5
	Ø 125	Bap'SI 30/90	30/90	-	-	11019013	03	5
	Ø 125	Bap'SI 45/105	45/105	-	-	11019014	03	10
	Ø 125	Bap'SI 45/135	45/120	-	-	11019015	03	5
	Ø 125	Bap'SI 45/135	45/135	-	-	11019016	03	5
	Without shaft	Bap'SI 15/30	15/30	-	-	11019017	03	5
	Without shaft	Bap'SI 20/75	20/75	-	-	11019018	03	5
	Without shaft	Bap'SI 30/90	30/90	-	-	11019019	03	5
	Without shaft	Bap'SI 45/105	45/105	-	-	11019020	03	5
	Without shaft	Bap'SI 45/120	45/120	-	-	11019021	03	5
	Without shaft	Bap'SI 45/135	45/135	-	-	11019022	03	5

\* Easy settings on construction site: shutter position or detachable parts (See product instructions)



### Bap'SI dual airflow - electric



Bap'SI electric dual-airflow

#### DESCRIPTION

- Electric versions with timer (PUSH) or without timer (INTER) for more applications in multi-family housing as in commercial buildings.
- LR6 9V alkaline battery (not supplied) power supply possible on PUSH versions.
- Mains power supply required on INTER (Switch) versions (see electrical accessories).

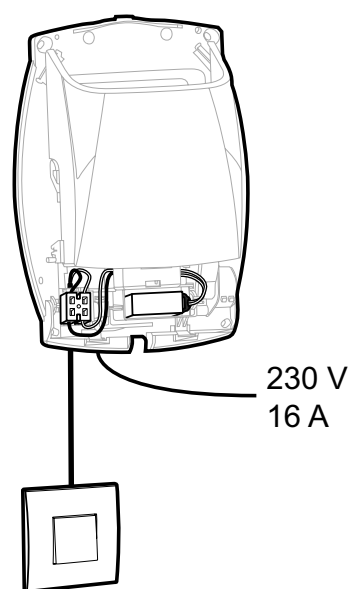
#### PUSH version:

- The boost airflow is activated electronically, by a PUSH BUTTON (not supplied).
- Automatically returns to minimal airflow (timer) after 30 minutes.

#### INTER (switch) version:

- The boost airflow is activated electronically using a SWITCH (not supplied).
- Manual return to minimal airflow using the switch.

#### DETAILS



#### RANGE

Control	Mounting	Designation	Factory setting airflow	Other adjustable airflows	Reference	Discount family	Pack. 1
Electric							
PUSH	Shaftless	Bap'SI modulo D1	30/30	20/75* -	11019113	<b>03</b>	5
		Bap'SI modulo D2	45/105	45/120 and 45/130*	11019114	<b>03</b>	5
Bap'SI 15/30		15/30	-	11019112	<b>03</b>	5	
SWITCH		Bap'SI 15/30	15/30	-	11019115	<b>03</b>	5
		Bap'SI modulo D1	30/90	20/75* -	11019116	<b>03</b>	5
		Bap'SI modulo D2	45/105	20/75* - 45/120* and 45/135*	11019117	<b>03</b>	5

\* Easy settings on construction site: shutter position or detachable parts (See product instructions)

### Bap'SI twin



Bap'SI twin



Bap'SI twin air supply + MR

#### DESCRIPTION

- Self-balanced single-airflow exhaust terminal.
- Innovative design, no grille.
- Airflow range between 15 and 150 m<sup>3</sup>/h.
- Includes 3 parts: a technical fitting plate, a controller and a removable front panel.
- Various versions and accessories meeting all installation needs.
- Easy cleaning: front cover quick to clip on and unclip.
- Modulo range: same terminal for several adjustable airflows (see product range table).
- Pressure range: 50-160 Pa.
- Tolerance on airflow: (-0; +30%).
- Bap'SI twin air supply: terminal without controller, to use with a MR.

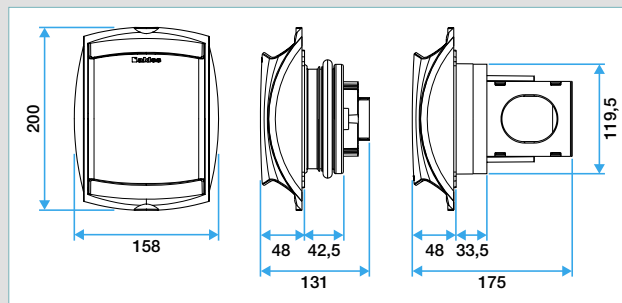
#### FIELD OF APPLICATION

- Self-balanced Mechanical Exhaust Ventilation (CMEV).
- Multi-family housing and commercial buildings.
- New and existing buildings.

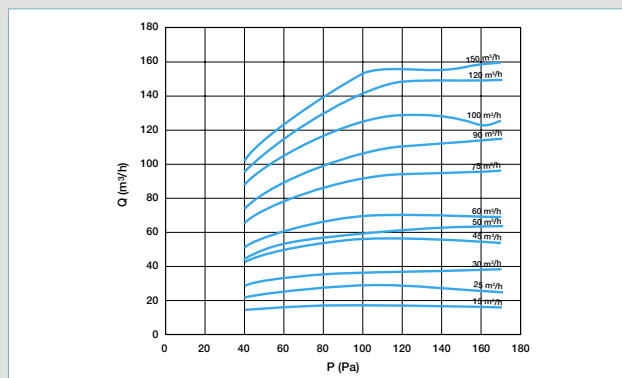
#### ADVANTAGES

- Insure all airflow levels between 15 and 150 m<sup>3</sup>/h.
- Innovative design.
- Roll-In seal.
- Easy cleaning.
- Modulo versions: limits stocks levels.
- Air supply version (associated with a MR).

#### DIMENSIONS (MM)



#### AIRFLOW DETAILS



#### RANGE

Mounting	Designation	Factory setting airflow	Other adjustable airflows	Reference	Discount family	Pack. 1
<b>Standard and Modulo</b>						
Ø 125	Bap'SI twin 15	15	-	11019185	03	5
	Bap'SI twin 30	30	-	11019186	03	5
	Bap'SI twin 45	45	-	11019187	03	5
	Bap'SI twin 60 modulo	60	75 and 90*	11019188	03	5
	Bap'SI twin 75	75	-	11019189	03	5
	Bap'SI twin 90	90	-	11019190	03	5
	Bap'SI twin 100 modulo	100	120 and 150	11019191	03	5
	Bap'SI twin 120	120	-	11019192	03	5
	Bap'SI twin 150	150	-	11019193	03	5
Shaftless	Bap'SI twin 15	15	-	11019194	03	5
	Bap'SI twin 30	30	-	11019195	03	5
	Bap'SI twin 45	45	-	11019196	03	5
	Bap'SI twin 60 modulo	60	-	11019197	03	5
	Bap'SI twin 75	75	-	11019198	03	5
	Bap'SI twin 90	90	-	11019199	03	5
<b>Bap'SI twin air supply</b>						
Shaftless	Bap'SI twin air supply	-	-	11019200	03	5

\* Easy settings on construction site: shutter position or detachable parts (See product instructions)





## Accessories for Bap'SI, Bap'SI Twin, Bahia Curve



Shaft



Retrofit plate

### ADVANTAGES

- Enable the installation of terminals in all configurations, whether in new or existing buildings.

### RANGE

Designation	Reference	Discount family	Pack. 1
Shaft Ø 125 mm	11019023	03	10
Shaft Ø 116	11019024	03	10
Shaft Ø 100	11019025	03	10
Claw-fit retrofit plate	11019050	03	10
Screw-fit retrofit plate	11019054	03	33
Blanking plate 180 x 280 mm	11034108	03	65
Bahia shaft Ø 80/125 mm	11015017	05	25
Bahia shaft Ø 80/100 mm	11015274	05	30
Acoustic ring	11019429	03	5
Pull cord return for ceiling-mounted unit	11015001	03	2000
Adapter plate 125/150	11018056	03	100

### DESCRIPTION

#### Shaft

- Ø 125 and Ø 116 shafts (Roll-In seal), Ø 100 (foam seal).
- Clipped onto shaftless terminal, for connection to existing duct Ø 125, Ø 116, Ø 100 mm.
- Compatible with Bap'SI, Bap'SI twin, Bahia Curve
- Ø 80/100 and Ø 80/125 (lip seal).
- Clipped on to Bahia Curve for connection to existing duct Ø 100 and Ø 125 mm.
- Compatible with Bahia Curve.

#### Foam airtight seal.

- Ensures air tightness when the shaftless terminal is screwed directly on to the wall.
- Positioned on the rear of the terminal in the dedicated slot.
- Compatible with Bap'SI, Bap'SI twin, Bahia Curve

#### Retrofit plate.

- Used to install the shaftless grille on a distorted sleeve, shunt duct or another shaft diameter.
- 2 types of connection:
- Screw-in for Bap'SI, Bap'SI twin, Bahia Curve,
- Claw-fit for Bap'SI, Bahia Curve.

#### Blanking plate

- To be screwed on in place of an old terminal that is not replaced, to cover the hole left behind.

#### Adapter plate 150/125

- Used to fit a Ø 125 single-airflow terminal in a Ø 150 opening.
- Compatible with Bap'SI single-airflow, Bahia Curve S. For Bap'SI dual-airflow and Bahia Curve L, use the retrofit plate in priority.

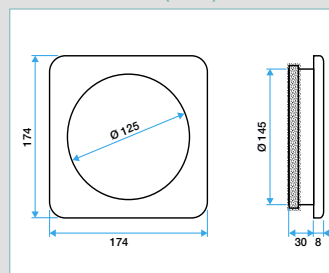
#### Soundproofing ring

- Placed in the Ø 125 duct just behind the terminal, used to improve the soundproofing between 2 dwellings. It is recommended for use in open-plan kitchens.
- Compatible with Bap'SI, Bap'SI twin, Bahia Curve.

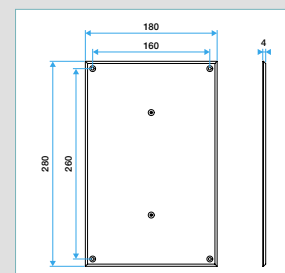
#### Cord return

- Guides the pull cord to the wall when the dual airflow terminal is ceiling-mounted.
- Compatible with Bap'SI, Bahia Curve.

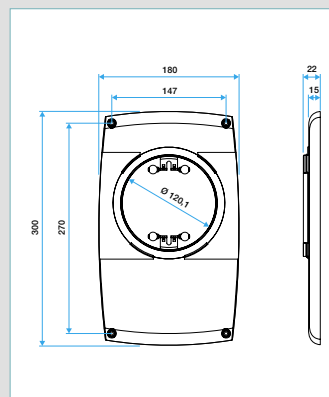
### DIMENSIONS (MM)



Retrofit plate



Blanking Plate



Adapter plate 150/125



Shaft Ø 125  
ref 11019023

Shaft Ø 116  
ref 11019024

Shaft Ø 100  
ref 11019025

Adapter plate  
125/150  
ref 11018056



Claw-fit panel  
ref 11019050

Screw-fit panel  
ref 11019054

Blanking Plate  
ref 11034108

Air tightness seal  
ref 11019049



Shaft Ø 80/125  
ref 11015017

Shaft Ø 80/100  
ref 11015274

Acoustic ring  
ref 11019429

Cord return  
ref 11015001

# Grilles and terminals

## Grilles: accessories



## Electrical accessories for Bap'Si, Bahia Curve



Interface 9 V DC - 230 V AC



CAL



Push button

### ADVANTAGES

- Interface 9 V DC - 230 V AC used to connect a Bap'Si or Bahia Curve terminal directly to 230 V mains power supply.

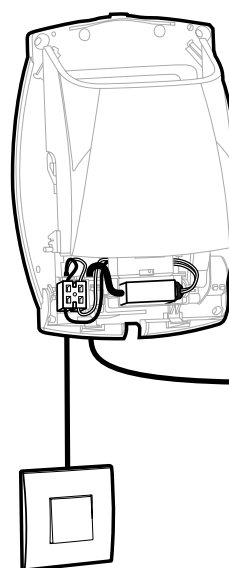
### RANGE

Designation	Reference	Discount family	Pack. 1
Push button	11026011	01	84
Interface 9V DC -230V AC	11015280	05	250
CAL BAHIA 12V AC-8V DC	11015275	05	100

### DESCRIPTION

- The electric Bap'Si and Bahia versions can be powered in 2 ways:
  - **PRES, PUSH (with pushing button)**: For 9V alkaline battery type (to be ordered separately). Simply clip the battery on the case of the terminal.
  - **PRES, PUSH (with pushing button or On/off switch) and IR**: via 9V-230V interface. Like a battery, it fits to the terminal and simply clips on its case. The terminal is connected directly to 230 VAC.
- Pushing button: a single pulse triggers the peak flow for 30 minutes.
- Caution: comply with current installation standards.

### DIMENSIONS - INSTALLATION



Supply voltage : 230 V  
Protection current : 2 A



### Sleeve



#### RANGE

Designation	Ø (mm)	H	Reference	Discount family
Metal sleeve	Ø 80	100	11012490	03
Metal sleeve	Ø 100	75	11012256	03
Metal sleeve 3 brackets	Ø 100	75	11012253	03
Metal sleeve with shoulder	Ø 125	60	11012220	03
Male sleeve Ø 124	Ø 125	40	11012250	03
Metal sleeve with shoulder 3 brackets	Ø 125	125	11012252	03
Metal sleeve 3 brackets	Ø 160	160	11012254	03
Lock washer Ø 125 mm	Ø 125	-	11087043	01

#### DESCRIPTION

- Sleeve made of galvanised steel.
- Brackets on sleeves enable installation in suspended ceilings.

#### APPLICATIONS

Ø (mm)	Specificity	Code	BAP	TDA	MRA	BIM 300	BIM 320	BEM 780
Ø 100	H 75	11012256	X			X	X	X
Ø 100	H 75 clamps	11012253	X			X	X	X
Ø 125	H 60	11012220	X	X	X	X	X	
Ø 125	H 125 clamps	11012252	X	X	X	X	X	
Ø 125	H 40 male	11012250	X					
Ø 160	H 160 clamps	11012254				X	X	X

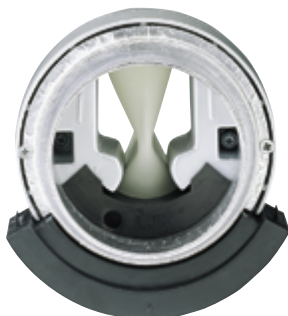
Ø (mm)	Specificity	Code	BIP	BIO	Bap'si	BAHIA CURVE
Ø 80	H 100	11012490	X	X		X
Ø 100	H 75	11012256			X	
	H 75 clamps	11012253			X	
Ø 125	H 60	11012220	X		X	X
	H 125 clamps	11012252	X		X	X
	Mâle Ø 124 H 40	11012250			X	

# Grilles and terminals

## Self-balanced terminals - gas



### BAZ Motus



#### PRODUCT ADVANTAGES

- Also suitable for 25 kW boilers with a pressure range of 90 to 140 Pa.
- Ø 125 mm connection to boiler.

#### COMPLIANCE

- Technical Approval for "Bahia" Humidity-Controlled ventilation (Residential): No. 14.5/17-2267 (multi-dwelling housing).
- HYGRO humidity-controlled for GAS.

#### RANGE

Description	Reference	Discount family	Packaging
<b>Connector Ø 116 to CMEV and Ø 125 to boiler (for boiler Ø 125 mm and Alfalex 0.15 mm)</b>			
BAZ Motus 20/75 17 kW D116/D125	11018171	<b>03</b>	12
BAZ Motus 20/105 23KW D116/D125	11018172	<b>03</b>	12
BAZ Motus 30/90 23KW D116/D125	11018173	<b>03</b>	12
BAZ Motus 45/105 23KW D116/D125	11018174	<b>03</b>	24
BAZ Motus 45/120 23KW D116/D125	11018175	<b>03</b>	12
BAZ Motus 45/135 23KW D116/D125	11018176	<b>03</b>	12
<b>Connector Ø 125 to CMEV and Ø 125 to boiler (for boiler Ø 125 mm and Alfalex 0.15 mm)</b>			
BAZ Motus 20/75 17 kW D125/D125	11018135	<b>03</b>	12
BAZ Motus 20/105 23KW D125/D125	11018136	<b>03</b>	5
BAZ Motus 30/90 23KW D125/D125	11018137	<b>03</b>	48
BAZ Motus 45/105 23KW D125/D125	11018138	<b>03</b>	5
BAZ Motus 45/120 23KW D125/D125	11018139	<b>03</b>	60
BAZ Motus 45/135 23KW D125/D125	11018140	<b>03</b>	48
BAZ Motus 20 without cable - 23 kW 125	11018720	<b>03</b>	-
BAZ Motus 30 without cable - 23 kW 125	11018721	<b>03</b>	-
BAZ Motus 45 without cable - 23 kW 125	11018722	<b>03</b>	-

#### DESCRIPTION

The BAZ Motus system provides ventilation for the dwelling and evacuation of burnt gas from the boiler (except for condensation boilers).

- 6 models available according to the type of dwelling and boiler output.
- Ø 125 mm or Ø 116 mm connection to CMEV.
- Ø 125 mm connection to boiler (boiler Ø 125 mm connected using Alfalex aluminium 0.15 mm).
- Other connections: see BAZ Motus accessories.
- Pressure range:
  - 80-140 Pa for 23 kW boiler,
  - 90-140 Pa for 25 kW boiler.

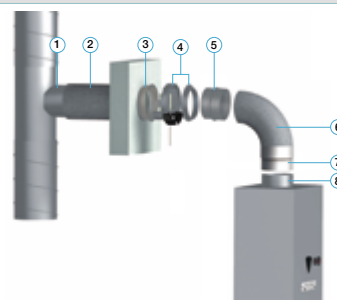
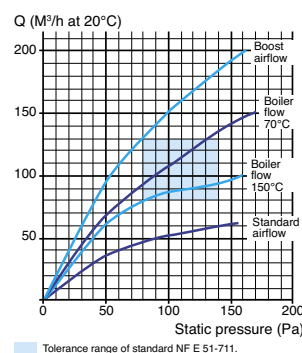
#### SCOPE

- New multi-dwelling housing, existing buildings equipped with Gas CMEV systems (boiler connected to system).

#### ACCESSORIES

Description	Reference	Discount family	Packaging
Stainless steel sleeve Ø 125	11018963	<b>03</b>	5
Stainless steel sleeve Ø 116	11018192	<b>03</b>	-
CMEV sleeve Ø 125/100	11018188	<b>03</b>	-
Heating sleeve Ø 111/133	11018882	<b>03</b>	200
Alfalex compact gas kit Ø 125	11091347	<b>22</b>	50
Sheet metal heating sleeve Ø 133/125	11018879	<b>03</b>	-
Bag of 5 BAZ filters	11018022	<b>03</b>	-

#### AIRFLOW DETAILS



#### CONNECTION TO CMEV

1	2	3	4
Ø CMEV (mm)	Type of duct	Sleeve	BAZ
Ø 125	11091336 Alfalex special for gas 0.3 Ø 125	11018963 Stainless steel sleeve Ø 125	BAZ Motus Ø 125 to CMEV Ø 125 to boiler
Ø 116	Alfalex special for gas 0.3 Ø 116	11018192 Stainless steel sleeve Ø 116	BAZ Motus Ø 116 to CMEV Ø 125 to boiler
Ø 116	Alfalex special for gas 0.3 Ø 116	11018187 CMEV sleeve Ø 125/116	BAZ Motus Ø 125 to CMEV Ø 125 to boiler
Ø 100	Alfalex special for gas 0.3 Ø 100	11018188 CMEV sleeve Ø 125/100	BAZ Motus Ø 125 to CMEV Ø 125 to boiler

#### CONNECTION TO BOILER

4	5	6	7
BAZ	Type of duct	Sleeve	Ø boiler (mm)
BAZ Motus Ø 125 to Boiler	11091347 Alfalex compact gas kit 0.15 Ø 125	Included in kit	Ø 125
BAZ Motus Ø 125 to Boiler	11091347 Alfalex compact gas kit 0.15 Ø 125	Remove sleeve from Alfalex kit and replace with sleeve Ø 111/133 ref. 11018882	Ø 111



### BAZ Pilot



#### RANGE

Description	Reference	Discount family
BAZ Pilot 20/75 Ø 125	11018200	03
BAZ Pilot 30/90 Ø 125	11018201	03
BAZ Pilot 45/105 Ø 125	11018202	03
BAZ Pilot 45/120 Ø 125	11018203	03
BAZ Pilot 45/135 Ø 125	11018204	03
BAZ Pilot 20/75 Ø 116	11018210	03
BAZ Pilot 30/90 Ø 116	11018211	03
BAZ Pilot 45/105 Ø 116	11018212	03
BAZ Pilot 45/120 Ø 116	11018213	03
BAZ Pilot 45/135 Ø 116	11018214	03

#### DESCRIPTION

- When connected to CMEV ductwork and to a boiler, the BAZ Pilot terminal provides both ventilation airflows and burnt gas evacuation.
- Depending on its status, the boiler sends a signal to control the BAZ Pilot terminal.

#### SCOPE

- Existing multi-family housing equipped with Gas CMEV systems (boiler connected to system).

#### INSTALLATION

- The BAZ Pilot terminal is inserted into a stainless steel sleeve.
- The connection to the boiler requires Alfex Aluminium ducting for Gas systems.
- The connector is fitted to the boiler.
- For more details, refer to the instructions supplied with products.

#### ACCESSORIES

Description	Reference	Discount family
Stainless steel sleeve Ø 125	11018963	03
Stainless steel sleeve Ø 116	11018192	03
CMEV sleeve Ø 125/100	11018188	03
Alfex compact gas kit Ø 125	11091347	22

#### PRODUCT ADVANTAGES

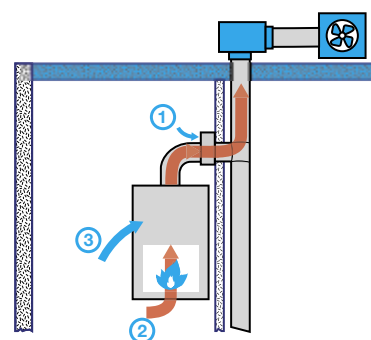
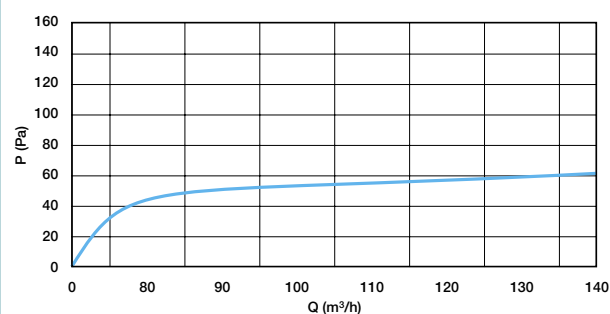
- Delivers ventilation airflow and burnt gas evacuation.
- Up to 30 % energy savings on heating:
  - Elimination of losses by swirl.
  - Reduction of losses by air renewal.
  - Efficient low-temperature boiler.

#### COMPLIANCE

- CE-certified system.
- Technical Approval: No. 14.5/17-2267 (multi-dwelling housing).
- CEE-eligible: operation sheet No. BAR-TH51.

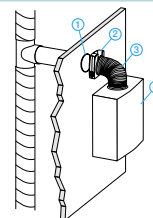
#### AIRFLOW DETAILS

- Operating range: 80 - 140 Pa



1 Burner unit	2 Burner lit	3 Whatever the state of the burner
The ventilation base airflow does not pass through the boiler, a specific port on the BAZ Pilot is used.	The terminal extracts sufficient air through the boiler to evacuate burnt gases.	A push button serves to extract a boost ventilation airflow through the boiler.

#### INSTALLATION



1	2	3	4
11018192 Stainless steel sleeve Ø 125	BAZ Pilot Ø 125 to CMEV Ø 125 to boiler	11091347 Alfex compact gas kit 0.15 Ø 125	Low temperature boiler connection Ø 125
11018963 Stainless steel sleeve Ø 116	BAZ Pilot Ø 116 to CMEV Ø 125 to boiler	11091347 Alfex compact gas kit 0.15 Ø 125	Low temperature boiler connection Ø 125



# Grilles and terminals

## Small plastic fixed terminals



### BSP - BIP - BIO - series - plastic



BIP terminal Ø 80 and 125



Bouche BIO



BIP terminal Ø 100



Shutter accessory BIO

#### RANGE

Designation	Dimensions	Reference	Discount family
BIP Ø 80 mm	Ø 80	11022073	01
BIP	Ø 100	11085064	01
BIP Ø 125 mm	Ø 125	11022078	01
BIO Ø 80 mm	Ø 80	11012402	01
Rectangular BIO Design Ø 80 mm	Ø 80	11022064	01
Square BIO Design Ø 80 mm	Ø 80	11022065	01
Square BIO Design Ø 125 mm	Ø 125	11022061	01
Metal sleeve	Ø 80	11012490	03
Shaft Ø 125 mm	Ø 125	11019023	03
Shutter for BIO Design	Ø 125	11022063	01

#### DESCRIPTION

- Injected high-impact polystyrene, RAL 9010 white.
- Monoblock BSP and BIP.
- BIO made up of two parts clipped together, enabling two operating configurations: «in-line» output for use across a wall or «90°» output for use in a ceiling.
- BIO Design terminal with dirigible blades, wall or ceiling-mounted.
- Fixed in place by slotting into metal sleeve.

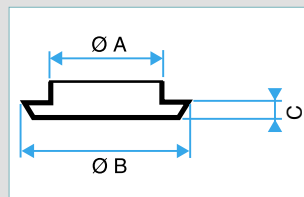
#### FIELD OF APPLICATION

- BSP: air return on all ventilation applications in small commercial buildings. Wall or ceiling mounted.
- BIP: air supply or return on all ventilation applications in small commercial buildings. Wall-mounted for air supply and wall/ceiling-mounted for air return.
- BIO: air supply for all ventilation applications in small commercial buildings and residential buildings. Wall or ceiling-mounted according to configuration.
- Metal connector sleeve.
- Ø 125 shaft required to fit BIO Design Ø 125.

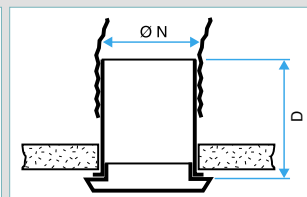
#### ADVANTAGES

- New decorative BIO Design terminal, fully dirigible.
- RAL 9010 white finish.

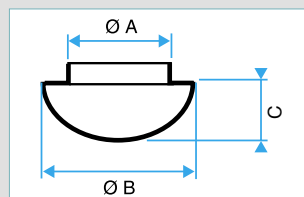
#### DIMENSIONS



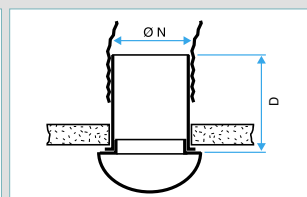
BSP terminal or BIP alone



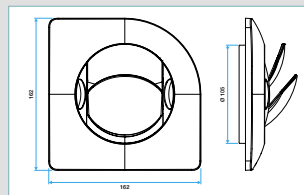
BSP or BIP with sleeve



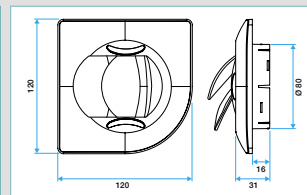
BIO terminal alone



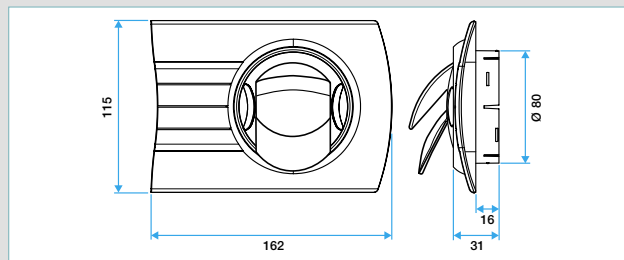
BIO with sleeve



Carré BIO Design Ø 125 mm



Carré BIO Design Ø 80 mm



Rectangulaire BIO Design Ø 80 mm

Comfort airflow levels for Lw < NR 30 and dimensions					
Model	BIP				
Ø N (mm)	Ø A (mm)	Ø B (mm)	C (mm)	D (mm)	Airflow (m <sup>3</sup> /h)
80	75.6	116.5	18.75	100	60
100	100	148	16	-	90
125	125	185	23.7	-	110
Model	BSP				
80	75	115	10	100	60
Model	BIO				
80	75	113	50	100	45



## Bap Color : general information



Bap Color

### DESCRIPTION

- The BAP Color family (self-balanced exhaust grilles in plastic) reunites all of the self-balanced grilles under the Aldes brand.
- This range has been diversified in order to meet all the installation constraints met in buildings, both new and those undergoing refurbishment.
- The general principle is the same : the self-balanced system enables the stabilisation of the exhaust airflow at the pre-set value in the exhaust grille's operating range and high airflow can be obtained by the use of a manual control.
- Various fixing shapes and types exist so that BAP grilles can be installed whatever the type of case.
- Pressure range : 50-150 Pa.

### APPLICATION

- Continuous Mechanical Exhaust Ventilation (CMEV).
- Residential housing and commercial premises.
- New and refurbishment.

### INSTALLATION

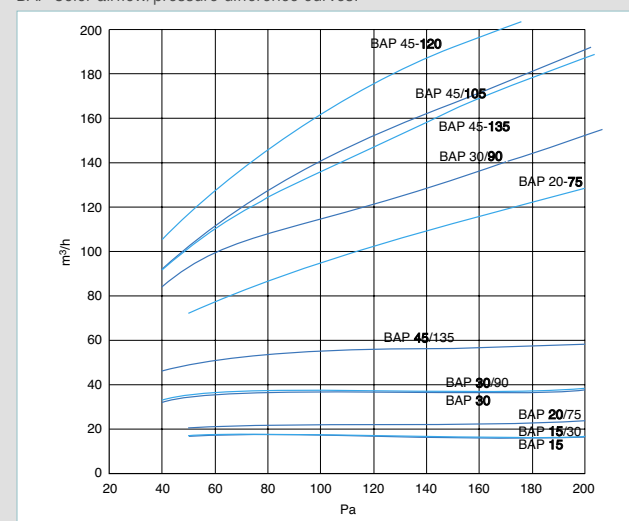
- Ø 125 mm, Ø 100 mm, Ø 116 mm : fixing by suitably adapted seal in the sleeve.
- Without shaft : fixing is made simply by slotting on to existing sleeve .
- Refurbishment : fixing carried out by claws on a rectangular shunt duct.
- Other diameters : please contact us.

### ADVANTAGES

- The result is ensured thanks to the self-balanced system which requires no adjustment on site.
- Easy installation due to the roll'in seal : fixing and airtight sealing.
- Adaptability for renovation work due to its various lugs and/or renovation plate.

### AIRFLOW DETAILS

BAP Color airflow/pressure difference curves.



### SOUND POWER LEVER global Lw max. IN dB (A)

	Lw global at 70 Pa	Lw global at 100 Pa	Lw global at 130 Pa	Lw global at 160 Pa	Lw global at 200 Pa
BAP Color 15	-	-23.8	26	-	30.1
BAP Color 30	26.4	30.9	34.7	36.4	-
BAP Color 15/30	-	-	-	-	34.5
BAP Color 20/75	28.6	29.5	31.8	-	31.5
BAP Color 30/90	27.2	30.9	32.6	35.7	-
BAP Color 45/105	-	-	37	-	-
BAP Color 45/120	-	-	37	-	-
BAP Color 45/135	31.4	34.3	36.6	-	-

### SOUND INSULATION Dnew (C) in dB

BAP Color model	Dnew (C) without acoustic ring	Dnew (C) with acoustic ring
15-30	56 dB	60 dB
20-75	56 dB	60 dB
30-90	54 dB	60dB
45-135	54 dB	61 dB

# Grilles and terminals

## Self-balanced terminals

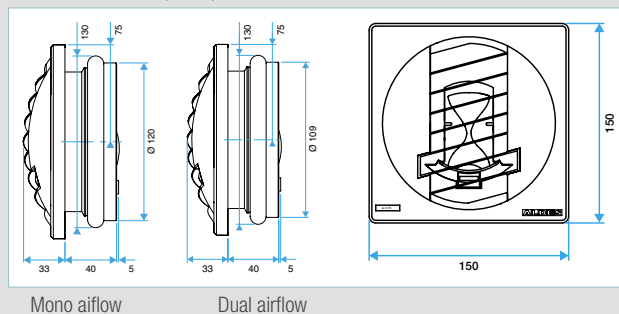


### Bap Color Standard Ø 125



Bap Color Standard Ø 125

#### DIMENSIONS (mm)



#### RANGE

Designation	Ø	White			Grey		
		Reference	Discount family	Pack.	Reference	Discount family	Pack.
BAP Color 15	125	11019130	03	5	11019201	03	5
BAP Color 30	125	11019131	03	5	11019202	03	5
BAP Color 45	125	11019132	03	5	11019203	03	5
BAP Color 60	125	11019133	03	5	11019204	03	5
BAP Color 75	125	11019134	03	5	11019205	03	5
BAP Color 90	125	11019135	03	5	11019206	03	5
BAP Color 15-30	125	-	-	-	11019211	-	5
BAP Color 20-75	125	11019137	03	5	11019212	03	5
BAP Color 30-90	125	11019138	03	5	11019213	03	5
BAP Color 45-105	125	11019139	03	5	11019214	03	5
BAP Color 45-120	125	11019140	03	5	11019215	03	5
BAP Color 45-135	125	11019141	03	5	11019216	03	5
BAP Color 0-15/0-30	125	-	-	-	11019209	-	5

#### DESCRIPTION

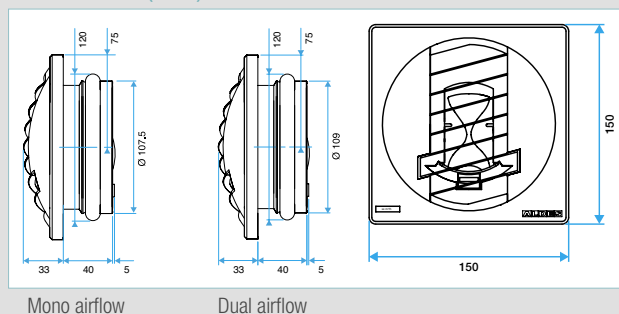
- Shaft Ø 125 mm. Leaktight fixing within sleeve.
- Simplified mounting and dismantling with the Roll'in seal.

### Bap Color Standard Ø 116



Bap Color Standard Ø 116

#### DIMENSION (mm)



#### RANGE

Designation	Ø	White			Grey		
		Reference	Discount family	Pack.	Reference	Discount family	Pack.
BAP Color 15	116	11019142	03	5	11019221	03	5
BAP Color 30	116	11019143	03	5	11019222	03	5
BAP Color 45	116	-	-	-	11019223	03	5
BAP Color 60	116	-	-	-	11019224	03	5
BAP Color 75	116	-	-	-	11019225	03	5
BAP Color 90	116	-	-	-	11019226	03	5
BAP Color 15-30	116	-	-	-	11019231	03	5
BAP Color 20-75	116	11019144	03	5	11019232	03	5
BAP Color 30-90	116	11019145	03	5	11019233	03	5
BAP Color 45-105	116	11019146	03	5	11019234	03	5
BAP Color 45-120	116	11019147	03	5	11019235	03	5
BAP Color 45-135	116	11019148	03	5	11019236	03	5

#### DESCRIPTION

- Shaft Ø 116 mm. Leaktight fixing within sleeve.
- Simplified mounting and dismantling with the Roll'in seal.

# Grilles and terminals

## Self-balanced terminals

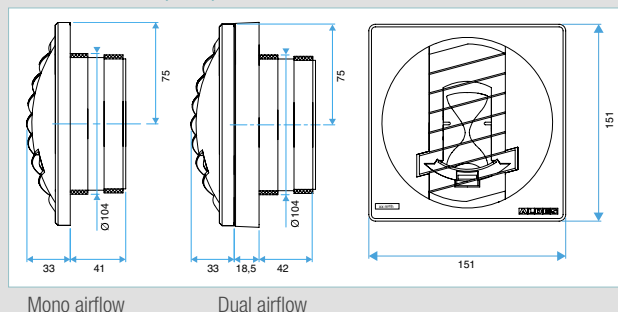


## Bap Color Standard Ø 100



Bap Color Standard Ø 100

### DIMENSIONS (mm)



### RANGE

Designation	Ø	White			Grey		
		Reference	Discount family	Pack.	Reference	Discount family	Pack.
BAP Color 15	100	11019149	<b>03</b>	5	11019241	<b>03</b>	5
BAP Color 30	100	11019150	<b>03</b>	5	11019242	<b>03</b>	5
BAP Color 45	100	-	-	-	11019243	<b>03</b>	5
BAP Color 60	100	-	-	-	11019244	<b>03</b>	5
BAP Color 20-75	100	11019151	<b>03</b>	1	-	-	-
BAP Color 30-90	100	11019152	<b>03</b>	1	11019253	<b>03</b>	1
BAP Color 45-105	100	11019153	<b>03</b>	1	11019254	<b>03</b>	1
BAP Color 45-120	100	11019154	<b>03</b>	1	11019255	<b>03</b>	1
BAP Color 45-135	100	11019155	<b>03</b>	1	11019256	<b>03</b>	1

### DESCRIPTION

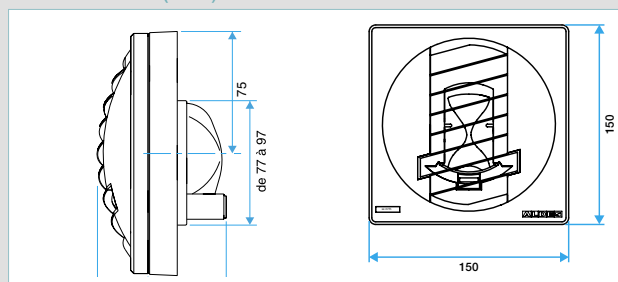
- Shaft Ø 100 mm. Leaktight fixing within sleeve.
- Foam seal.

## Bap Color Standard without shaft



Bap Color Standard without shaft

### DIMENSIONS (mm)



### RANGE

Designation	Ø	White		
		Reference	Discount family	Pack.
BAP Color 15	Without shaft	11019386	<b>03</b>	-
BAP Color 30	Without shaft	11019387	<b>03</b>	-
BAP Color 45	Without shaft	-	-	-
BAP Color 60	Without shaft	-	-	-
BAP Color 75	Without shaft	-	-	-
BAP Color 90	Without shaft	-	-	-
BAP Color 20-75	Without shaft	11019431	<b>03</b>	5
BAP Color 30-90	Without shaft	11019432	<b>03</b>	5
BAP Color 45-105	Without shaft	11019433	<b>03</b>	5
BAP Color 45-120	Without shaft	11019434	<b>03</b>	5
BAP Color 45-135	Without shaft	11019435	<b>03</b>	5

### DESCRIPTION

- To be mounted either on a BAP renovation mounting panel (replaces the BAP reno), or a spacer.



## Refurbishment mounting panel for BAP



Screw-fit BAP panel



Claw-fit BAP panel

### ADVANTAGES

- Mounting plate independant from the BAP.
- 1 reference whatever the airflow.
- Extra flat solution : Bap + mounting panel = 46 mm.

### RANGE

Designation	Reference	Discount family	Pack.
Screw-fit BAP panel	11019425	03	1
Claw-fit BAP panel	11019426	03	1

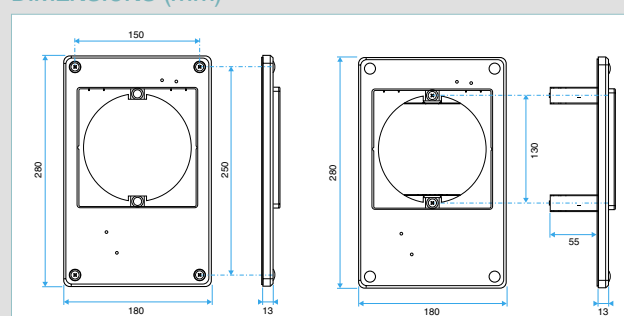
### DESCRIPTION

- PVC Panel used to screw-fit or by using claws, a self-balancing BAP shaftless grill onto the wall.

### APPLICATION

- By screws: In case of refurbishment using deformed sleeves or with a no-standard diameter opening.
- By claws: fitting onto a shunt duct with a hole from 90 to 140 mm wide and from 150 to 260 mm high..

### DIMENSIONS (mm)



Screw-fit BAP panel

Claw-fit BAP panel

## Bap Color accessories



Spacer



Acoustic ring

### RANGE

Designation	Grille colour	Reference	Discount family	Pack..
Spacer for shaftless BAP	-	11019989	03	1
Blanking plate 180 x 280 mm for Bap Color	White	11034108	-	1
Bap Color Grille not mounted	White	11019411	03	5
Bap Color Grille not mounted	Grey	11019416	03	5
Pull CORD return	-	11015001	-	5
Regulation kit 15+30 Bap Color	-	11019421	03	1
Regulation kit 45 Bap Color	-	11019422	03	1
Regulation kit 60 Bap Color	-	11019423	03	1

### DESCRIPTION

- Spacer for shaftless BAP: previously fitted to a shaftless BAP, it is used to attach the existing Ø132 mm sleeving.
- Blanking plate: dimensions 180 x 280 x 4 mm + 4 screws supplied, enabling old ventilation holes to be blanked-off.
- Acoustic ring: to improve acoustic performances.





## THE MOST WELL THOUGHT-OUT CMEV ON THE MARKET, MAKING VENTILATION EASY, EFFICIENT AND MORE SERENE

### C4 FIRE-RATED\* BOX FANS **EASYVEC® C4 Ultimate**

- Energy consumption reduced by 30%
- An easy and intuitive installation, connection and configuration.
- 100% of breakdowns detected thanks to remote monitoring and immediate alert with AldesConnect™ Pro.
- Personalized service for professionals for even more peace-of-mind and support.



Silent



Energy  
Saving



AldesConnect™ Pro  
Compatibility












\*Fire-rated Certification C4 Ø160 (400°C / 30 min)

**#HealthyLiving**

# C4 fire-rated exhaust box fans

EasyVEC®

EASYVEC® RANGE UP TO 4,000 M³/H			MODEL							
			400	700	1,000	1,500	2,000	2,500	3,000	4,000
<b>EasyVEC® C4 ULTIMATE</b> 		With options	11034986	11034987	11034988	11034989	11034990	11034991	11034992	11034993
		Factory configuration	11034973	11034974	11034975	11034976	11034977	11034978	11034979	11034980
		Factory configuration	11034960	11034961	11034962	11034963	11034964	11034965	11034966	11034967
<b>EasyVEC® C4 STANDARD</b> 		Factory configuration	11034950	11034952	11034954	11034956		11034958		11034728
		Factory configuration + pressure drop switch	11034951	11034953	11034955	11034957		11034959		11034788
		With options								11034107

EASYVEC® RANGE 5,000 TO 12,000 M³/H			MODEL				
			5,000	6,500	8,000	10,000	12,000
<b>EasyVEC® C4 MICRO-WATT+</b> 		Factory configuration	11034886	11034888	11034890		
		With options	11034858	11034859	11034860	11034861	11034862
<b>EasyVEC® C4 MICRO-WATT</b> 		Factory configuration	11034836	11034838	11034840	11034842	11034844
		With options	11034808	11034809	11034810	11034811	11034812
<b>EasyVEC® C4 STANDARD</b> 		Factory configuration	11034729	11034730	11034731		
		Factory configuration + pressure drop switch	11034789	11034790			
		With options	11034708	11034709	11034710	11034711	11034712

# C4 fire-rated exhaust box fans

EasyVEC®

DESIGN		EQUIPMENT			CONTROL					CONNECTIVITY	
Removability	Prox. switch	Speed	Fixed pressure switch 80 Pa	Adjustable pressure switch	Three-phase	Constant pressure	Constant airflow	Regulated pressure	0-10 V	Modbus	AldesConnect Pro
●	●		○	⊙		●	●	●	●	●	●
●	●		⊙	⊙		●			●	●	○ or ⊙
●	●		⊙	⊙		●					○ or ⊙
●*	●	●**									
●*	●	●**	●								
●*											

DESIGN		EQUIPMENT			CONTROL					CONNECTIVITY	
Removability	Prox. switch	Speed	Fixed pressure switch 80 Pa	Adjustable pressure switch	Three-phase	Constant pressure	Constant airflow	Regulated pressure	0-10 V	Modbus	AldesConnect Pro
●	●					●	●	●	●		
●	●		○	○		●	●	●	●	○	⊙
●	●					●			●		
●	●		○	○		●			●	○	⊙
●	●	●									
●	●	●	●								
●	●	●	○	○	○						

\* Model 4,000 m³/h only

\*\* Models ≥ 1,000 m³/h

● Built-in equipment

○ Optional equipment

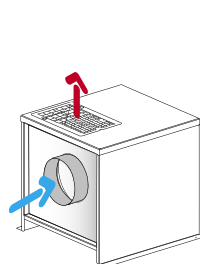
⊙ Accessory

# C4 fire-rated exhaust box fans

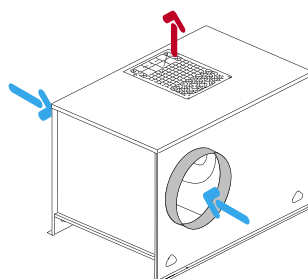
## EasyVEC® C4 range selection table

			IDEAL APPLICATION			IDEAL MARKET		FUNCTION	
THERMAL PERFORMANCE		AIRFLOWS IN M³/H	Collective housing	High-rise apartment building	Hotels Student residences Retirement homes	REFURBISHMENT RENOVATION	NEW NEW BUILDS	AIR SUPPLY	EXHAUST
Very low consumption	ULTIMATE	400  4,000							
	ULTRA	400  4,000							
	MW+	5,000  12,000							
Low consumption	PRO	400  4,000							
	MW	5,000  12,000							
Standard	STANDARD	400  12,000							

## FACTORY CONFIGURATION



Models < 1,000 m³/h



Models ≥ 1,000 m³/h

## CHOOSE THE ACCESSORIES (FULL LIST UNDER EASYVEC® C4 ACCESSORIES)

Intake
Flexible air intake sleeve
Screened rain hood (except EasyVEC® Compact)
Discharge
Flexible discharge sleeve
Flexible discharge sleeve kit + connection
Pressure switch kit
Time delay on pressure switch (if windy)
Adjustable pressure switch 20-300 Pa
Filter clogging detection kit

Acoustic accessories
Sound attenuators - OCTA with baffle (+ seal)
Sound attenuators - OCTA (+ seal)
Anti-vibration mountings
Pack of 4 elastomer mountings
Insulating feet for models 1000 to 3000 (pack of 4)
Double skin insulation kit 25 mm on site (EasyVEC® from 4,000 m³/h)
Electrical accessories
Thermal-magnetic circuit breaker



Flexible of discharge sleeve kit and MS Pro



Ducts and accessories and CP2A



Anti-vibration mountings and feet

# C4 fire-rated exhaust box fans

EasyVEC® C4 - Low and very low consumption

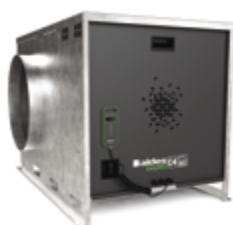


## EasyVEC® C4

THE BEST-DESIGNED RANGE OF CMEV BOX FANS ON THE MARKET, MAKING VENTILATION EFFICIENT, SERENE AND EASY



Airflow up to 4,000 m³/h



Airflow between 5,000 and 12,000 m³/h

### DESCRIPTION

EasyVEC® C4 is THE exhaust box fan for collective housing and commercial premises. Easy to select, install, configure, incorporate in the Aldes ecosystem and service, the various ranges are available with a wide spectrum of airflows from 400 to 12,000 m³/h:

- Airflow range between 5,000 and 12,000 m³/h:
  - EasyVEC® C4 MW, fitted with Aldes micro-watt control,
  - EasyVEC® C4 MW+, fitted with Aldes micro-watt+ patented control.
- Airflow range between 400 and 4,000 m³/h, a new generation of EasyVEC® C4 box fans available in three finishes:
  - the EasyVEC® C4 ULTIMATE range, the smart and connected premium, very low consumption range: Aldes micro-watt+ patented control, soundproofed plenum (compatible with fire-resistance regulations), standard AldesConnect® Pro connectivity module and category 5 anti-corrosion protection (C5, up to 1 km from the sea), five-year warranty (optional).
  - EasyVEC® C4 ULTRA, the very low consumption range, fitted with Aldes micro-watt+ patented control.
  - Lastly EasyVEC® C4 PRO, the low consumption range, fitted with Aldes micro-watt control.
- Auto-Adaptative Technology™:
  - To help optimise the environmental impact of buildings, the micro-watt+ control includes unique, patented self-learning capacity - Auto-Adaptative Technology™.
  - The fan's aerodynamic curve is determined by self-learning of extreme airflows. The fan measures the airflow passing through it and calculates the pressure required for the actual needs of the installation. This technology can ventilate the dwellings in line with requirements depending on their occupancy, limit airflow losses and thus achieve significant savings in the heating bill (up to -15% fresh air to bring to a comfortable temperature compared with the EasyVEC® C4 Standard solutions).
- AldesConnect® Pro, the remote monitoring service for the ventilation unit:
  - It can monitor remotely the essential box fan settings to be even more responsive in handling breakdowns and malfunctions. The airflow, pressure, consumption and motor rotation speed settings are thus sent remotely online on the aldesconnectpro.com Internet site.
  - A warning is generated for any breakdown or malfunction. This is sent immediately by SMS or e-mail to the owner and manager of the system.
- For all models:
  - compatible with the T.Flow® Hygro+/Nano domestic hot water production solution,
  - EC low energy motor (50/60 Hz),
  - Backward curve impeller,
  - C4 certification: 400°C - 1/2 hour
  - fitted with proximity switch as standard,
  - galvanised steel box fan Z275,
  - can be dismantled for insertion in small spaces,
  - wide choice of options and accessories to meet all requirements: flexible sleeves, sound attenuators, anti-vibration feet, pressure switch, etc.,
  - made in France.

### PRODUCT ADVANTAGES

- \*Easy to select: Selector poWair and Conceptor Ventilation software programs.
- Easy to install: box fans can be dismantled for insertion in small spaces.
- Easy to configure: ergonomic, intuitive interface built into the box fan for models up to 4,000 m³/h and remote control on models up to 12,000 m³/h
- Easy to service: link to documentation via QR code, single access panel.

### COMPLIANCE

- Technical evaluation humidity-controlled "Bahia" no. 14.5/17-2266 and 14.5/17-2267.
- Technical evaluation commercial modulated ventilation no. 14.5/16-2185.
- ErP<sup>(1)</sup>.
- ESC-eligible: BAR-TH-127, BAT-TH-125.

### SCOPE

- Exhaust fan for CMEV systems,
- Collective and commercial housing new and refurbishment residential,
- C4 certification 400°C - 1/2 h.

### IMPLEMENTATION

- Installation:
  - on anti-vibration slab as per DTU 68.3 recommendations,
  - indoor or outdoor location,
  - sufficient space must be left in front of the box fan to avoid obstructing the access panel and allow maintenance of internal components,
  - for roof installation, preferably positioned out of the wind to limit pressure losses at discharge.
- For better acoustic and aerodynamic performances, we recommend:
  - installation sound attenuators on the box fan connections,
  - using the ALDES VIRTUO-FIX sealed accessories range,
  - using MS PRO sealed flexible sleeves to muffle ductwork vibrations.

### ACCESSORIES

- Sound attenuators,
- Flexible intake and discharge sleeves,
- Anti-vibration mountings,
- Screened rain hood,
- Pressure switch kit,
- AldesConnect® Pro connectivity module.

### AVAILABLE OPTIONS

- Fixed pressure switch 80 Pa (GAS CMEV),
- AldesConnect® Pro connectivity module,
- Anti-corrosion protection C5 (1-3 km from the sea) five-year warranty on EasyVEC® C4 ULTIMATE.

(1) Compliant with Eco-design Regulation 1253/2014.



# C4 fire-rated exhaust box fans

EasyVEC® C4 - Low and very low consumption



## EasyVEC® C4 Ultimate micro-watt+ ( $\leq 4,000 \text{ m}^3/\text{h}$ )

THE BEST-DESIGNED RANGE OF CMEV BOX FANS ON THE MARKET, MAKING VENTILATION EFFICIENT, SERENE AND EASY



Airflow 400 to 700  $\text{m}^3/\text{h}$ .



Airflow 1,000 to 4,000  $\text{m}^3/\text{h}$ .

### DESCRIPTION

EasyVEC® C4 ULTIMATE the smart and connected premium, very low consumption range: Aldes micro-watt+ patented control, soundproofed plenum, standard AldesConnect® Pro connectivity module and anti-corrosion protection (C5, up to 1 km from the sea), five-year warranty (optional).

### RANGE

Description	Airflow ( $\text{m}^3/\text{h}$ )	Reference	Discount family
1 intake, 1 discharge			
EasyVEC® C4 ULTIMATE micro-watt+ 400	400	11034986	<b>09</b>
EasyVEC® C4 ULTIMATE micro-watt+ 700	700	11034987	<b>09</b>
2 intakes, 1 discharge			
EasyVEC® C4 ULTIMATE micro-watt+ 1,000	1,000	11034988	<b>09</b>
EasyVEC® C4 ULTIMATE micro-watt+ 1,500	1,500	11034989	<b>09</b>
EasyVEC® C4 ULTIMATE micro-watt+ 2,000	2,000	11034990	<b>09</b>
EasyVEC® C4 ULTIMATE micro-watt+ 2,500	2,500	11034991	<b>09</b>
EasyVEC® C4 ULTIMATE micro-watt+ 3,000	3,000	11034992	<b>09</b>
EasyVEC® C4 ULTIMATE micro-watt+ 4,000	4,000	11034993	<b>V</b>

\* Price box fan only with no options. Please refer to the Accessories page for option prices.

### CHARACTERISTICS

- Aldes micro-watt (constant pressure) or micro-watt+ (regulated pressure) control,
- Soundproofing for plenum (melamine foam 10 mm thick top and bottom),
- Controlled by constant speed, constant airflow or 0-10 V input,
- Standard AldesConnect® Pro connectivity module,
- Standard Modbus,
- Compatible Aldes Configurator (2021),
- Factory-mounted gas pressure switch optional,
- Anti-corrosion protection C5 (1-3 km from the sea) five-year warranty (optional)
- Compatible with the T.Flow® Hygro+/Nano domestic hot water production solution,
- EC low consumption motor (50/60 Hz),
- Backward curve impeller,
- C4 certification: 400°C - 1/2 hour,
- Fitted with proximity switch as standard,
- Galvanised steel box fan Z275,
- Can be dismantled for insertion in small spaces (up to size 3,000: 600 x 600 mm, 4,000: 800 x 800 mm),
- Wide choice of options and accessories to meet all requirements: flexible sleeves, sound attenuators, anti-vibration feet, pressure switch, etc.,
- Made in France.

### PRODUCT ADVANTAGES

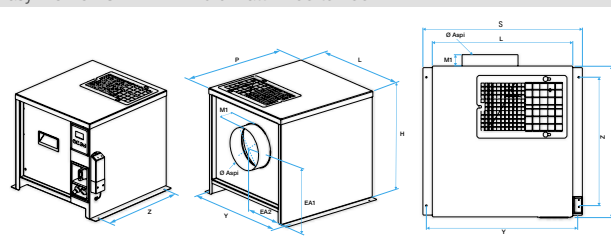
- Performances: less energy consumption than the PRO micro-watt range thanks to its patented technology,
- Serenity: All breakdowns detected by standard AldesConnect® Pro remote monitoring,
- C5 anti-corrosion protection five-year warranty and plenum soundproofing,
- Compatible with the T.Flow® solution (DHW on extract air in Cdep 2),
- Support: New Premium Commissioning offer with diagnostics (as per Promevent® protocol and two-year warranty parts and labour (to be ordered separately).

### COMPLIANCE

- Technical evaluation humidity-controlled "Bahia" no. 14.5/17-2266 and 14.5/17-2267.
- Technical evaluation commercial modulated ventilation no. 14.5/16-2185.
- ErP<sup>1)</sup>.
- ESC-eligible: BAR-TH-127, BAT-TH-125.

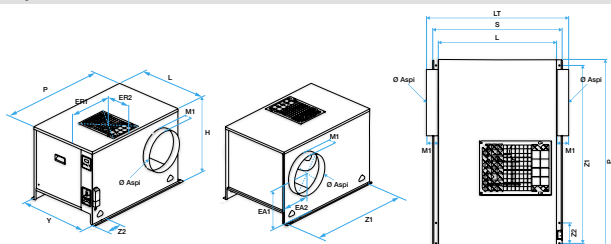
### DIMENSIONS (mm) - WEIGHT (kg)

EasyVEC® C4 ULTIMATE micro-watt+ 400 to 700



Mod.	P	L	H	Ø Intake	Ø Discharge	EA1	EA2	M1	Y	Z	ER1	ER2	S	Weight
400	432	402	408	160	250	253	164	42	430	367	295	295	457	17
700	432	402	408	250	250	253	164	42	430	367	295	295	457	17

EasyVEC® C4 ULTIMATE micro-watt+ 1,000 to 4,000



Mod.	P	L	H	Ø Intake	Ø Discharge	LT	EA1	EA2	M1	Y	Z1	Z2	ER1	ER2	S	Weight
1,000	689	402	408	200	315	529	234	156	65	430	624	130	315	315	457	21
1,500	891	565	559	315	355	692	317	209	65	593	826	130	369	369	623	44
2,000	891	565	559	315	355	692	317	209	65	593	826	130	369	369	623	45
2,500	1007	637	659	355	400	762	385	232	64	665	942	170	425	425	695	57
3,000	1007	637	659	355	400	762	385	232	64	665	942	170	425	425	695	58
4,000	1057	714	747	400	500	827	439	256	58	742	992	190	427	427	772	70

P: Depth  
L: Width  
H: Height  
Ø: Diameter of connections  
LT: Total length  
EA1: Vertical centreline distance (intake)  
EA2: Horizontal centreline distance (intake)  
M: Height of connections  
Y: Feet centreline distance  
Z: Base plate  
S: Footprint  
ER1: Discharge centreline (connection - access panel)  
ER2: Discharge centreline (connection - side panel with switch)  
Mod: Model.

### ELECTRICAL CHARACTERISTICS

EasyVEC® C4 ULTIMATE micro-watt+

- EC motor,
- Single-phase power supply 230 V - 50 Hz.

Model	Max. absorbed current (A)	Max. power (W)
400	0.5	50
700	1.66	69
1,000	1.66	164
1,500	2.4	171
2,000	2.4	250
2,500	4.11	264
3,000	4.11	429
4,000	6.34	615

(1) Compliant with Eco-design Regulation 1253/2014.



# C4 fire-rated exhaust box fans

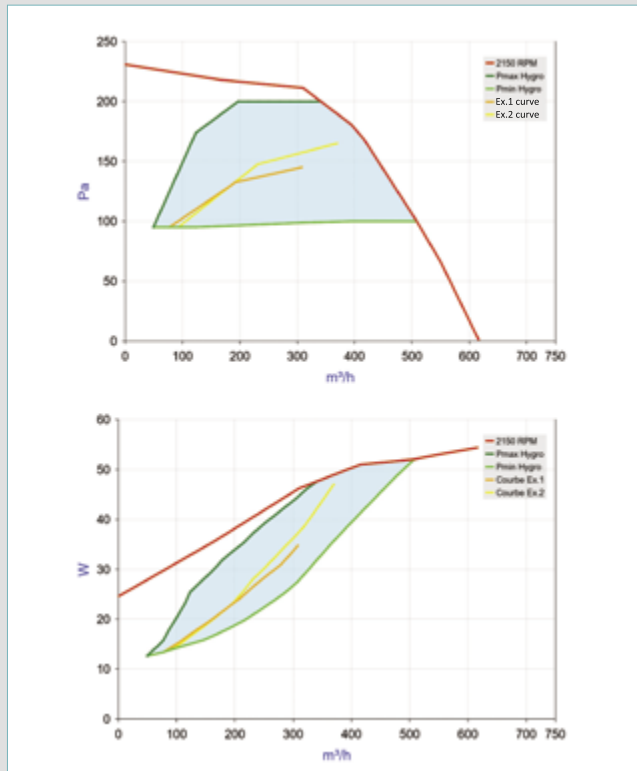
EasyVEC® C4 - Low and very low consumption



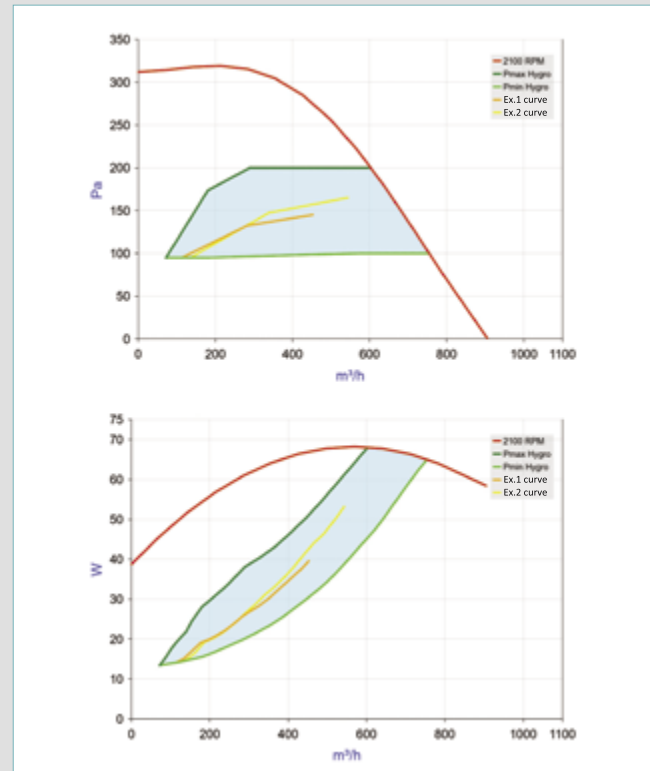
## EasyVEC® C4 Ultimate micro-watt+ ( $\leq 4,000 \text{ m}^3/\text{h}$ )

THE BEST-DESIGNED RANGE OF CMEV BOX FANS ON THE MARKET, MAKING VENTILATION EFFICIENT, SERENE AND EASY

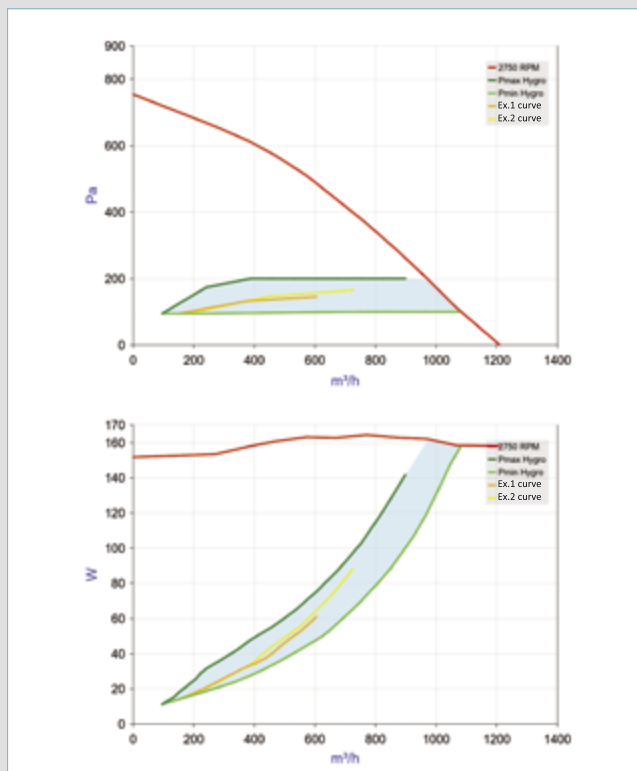
### AIRFLOW DETAILS



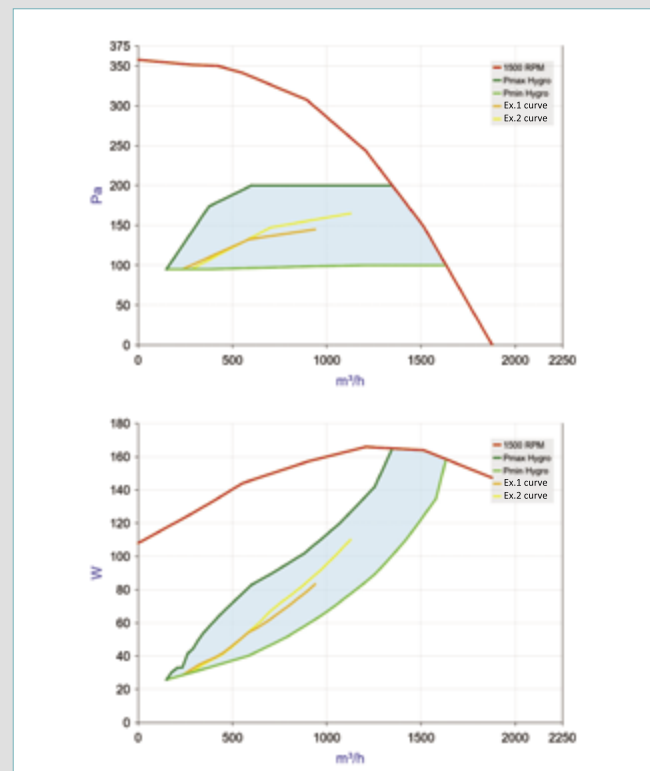
EasyVEC® C4 ULTIMATE micro-watt+ 400



EasyVEC® C4 ULTIMATE micro-watt+ 700



EasyVEC® C4 ULTIMATE micro-watt+ 1,000

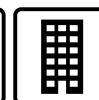


EasyVEC® C4 ULTIMATE micro-watt+ 1,500

- Aerodynamic curves established in accordance with standard NF EN ISO 5801.
- P (Pa) = static pressure P (W) = power consumption.

# C4 fire-rated exhaust box fans

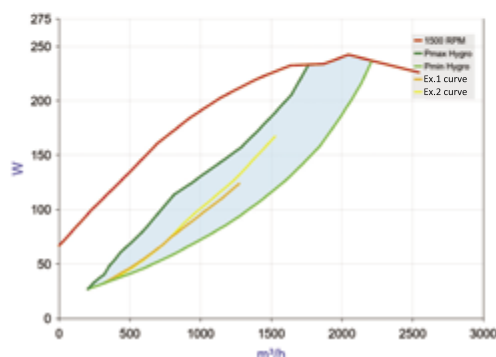
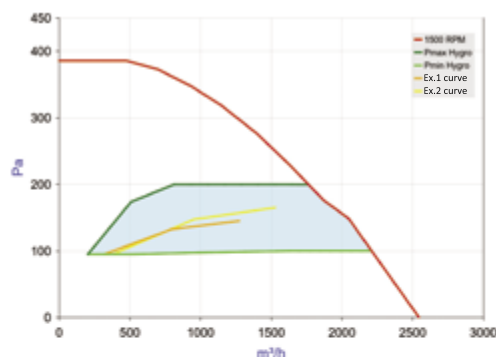
EasyVEC® C4 - Low and very low consumption



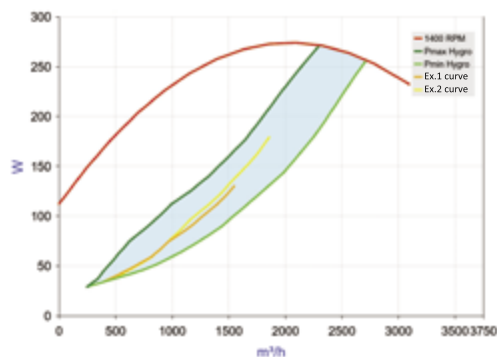
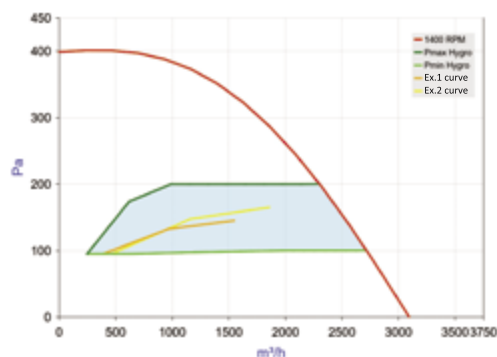
## EasyVEC® C4 Ultimate micro-watt+ ( $\leq 4,000 \text{ m}^3/\text{h}$ )

THE BEST-DESIGNED RANGE OF CMEV BOX FANS ON THE MARKET, MAKING VENTILATION EFFICIENT, SERENE AND EASY

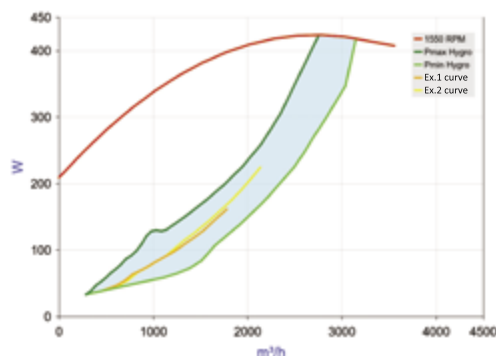
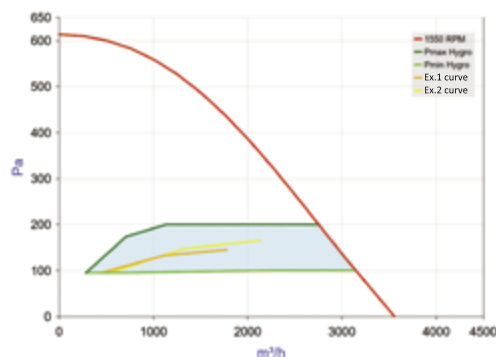
### AIRFLOW DETAILS



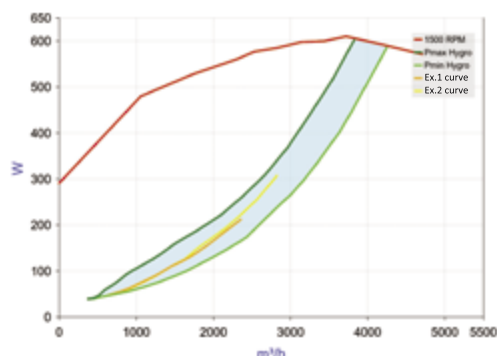
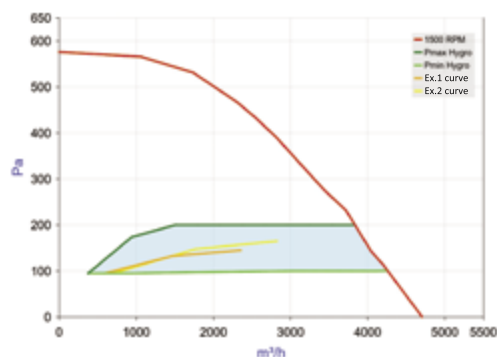
EasyVEC® C4 ULTIMATE micro-watt+ 2,000



EasyVEC® C4 ULTIMATE micro-watt+ 2,500



EasyVEC® C4 ULTIMATE micro-watt+ 3,000



EasyVEC® C4 ULTIMATE micro-watt+ 4,000

- Aeratic curves established in accordance with standard NF EN ISO 5801.
- P (Pa) = static pressure P (W) = power consumption.



# C4 fire-rated exhaust box fans

EasyVEC® C4 - Low and very low consumption



## EasyVEC® C4 ULTRA micro-watt+ ( $\leq 4,000 \text{ m}^3/\text{h}$ )

THE BEST-DESIGNED RANGE OF CMEV BOX FANS ON THE MARKET, MAKING VENTILATION EFFICIENT, SERENE AND EASY



Airflow 400 to 700 m³/h.



Airflow 1,000 to 4,000 m³/h.

### DESCRIPTION

EasyVEC® C4 ULTRA, the very low consumption range, fitted with Aldes micro-watt+ patented control.

### RANGE

Description	Airflow (m³/h)	Reference	Discount family
1 intake, 1 discharge			
EasyVEC® C4 ULTRA micro-watt+ 400	400	11034973	09
EasyVEC® C4 ULTRA micro-watt+ 700	700	11034974	09
2 intakes, 1 discharge			
EasyVEC® C4 ULTRA micro-watt+ 1,000	1,000	11034975	09
EasyVEC® C4 ULTRA micro-watt+ 1,500	1,500	11034976	09
EasyVEC® C4 ULTRA micro-watt+ 2,000	2,000	11034977	09
EasyVEC® C4 ULTRA micro-watt+ 2,500	2,500	11034978	09
EasyVEC® C4 ULTRA micro-watt+ 3,000	3,000	11034979	09
EasyVEC® C4 ULTRA micro-watt+ 4,000	4,000	11034980	09

### CHARACTERISTICS

- Aldes micro-watt (constant pressure) or micro-watt+ (regulated pressure) control,
- Soundproofing for plenum (melamine foam 10 mm thick top and bottom),
- Controlled by constant speed, constant airflow or 0-10 V input,
- Standard AldesConnect® Pro connectivity module,
- Standard Modbus,
- Compatible Aldes Configurator (2021),
- Factory-mounted gas pressure switch optional,
- Anti-corrosion protection C5 (1-3 km from the sea) five-year warranty (optional)
- Compatible with the T.Flow® Hygro+/Nano domestic hot water production solution,
- EC low consumption motor (50/60 Hz),
- Backward curve impeller,
- C4 certification: 400°C - 1/2 hour,
- Fitted with proximity switch as standard,
- Galvanised steel box fan Z275,
- Can be dismantled for insertion in small spaces (up to size 3,000: 600 x 600 mm, 4,000: 800 x 800 mm),
- Wide choice of options and accessories to meet all requirements: flexible sleeves, sound attenuators, anti-vibration feet, pressure switch, etc.,
- Made in France.

### PRODUCT ADVANTAGES

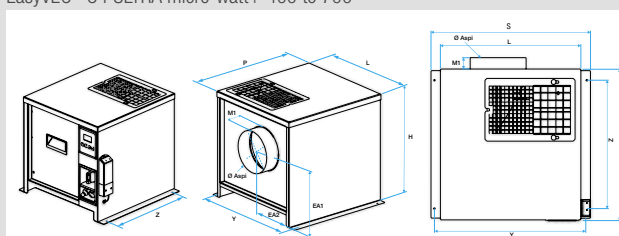
- \*Easy to select: Selector poWair and Conceptor Ventilation software programs.
- Easy to install: box fans can be dismantled for insertion in small spaces.
- Easy to configure: ergonomic, intuitive interface built into the box fan for models up to 4,000 m³/h and remote control on models up to 12,000 m³/h.
- Easy to service: link to documentation via QR code, single access panel.

### COMPLIANCE

- Technical evaluation humidity-controlled "Bahia" no. 14.5/17-2266 and 14.5/17-2267.
- Technical evaluation commercial modulated ventilation no. 14.5/16-2185.
- ErP<sup>(1)</sup>.
- ESC-eligible: BAR-TH-127, BAT-TH-125.

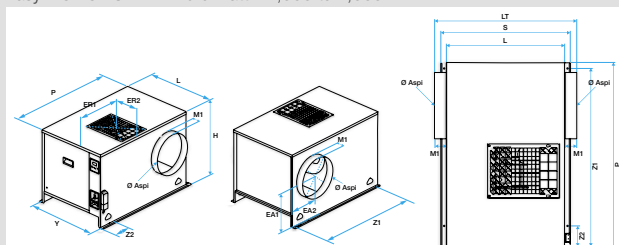
### DIMENSIONS (mm) - WEIGHT (kg)

EasyVEC® C4 ULTRA micro-watt+ 400 to 700



Mod.	P	L	H	Ø Intake	Ø Discharge	EA1	EA2	M1	Y	Z	ER1	ER2	S	Weight
400	432	402	408	160	250	253	164	42	430	367	295	295	457	17
700	432	402	408	250	250	253	164	42	430	367	295	295	457	17

EasyVEC® C4 ULTRA micro-watt+ 1,000 to 4,000



Mod.	P	L	H	Ø Intake	Ø Discharge	LT	EA1	EA2	M1	Y	Z1	Z2	ER1	ER2	S	Weight
1,000	689	402	408	200	315	529	234	156	65	430	624	130	315	315	457	21
1,500	891	565	559	315	355	692	317	209	65	593	826	130	369	369	623	44
2,000	891	565	559	315	355	692	317	209	65	593	826	130	369	369	623	45
2,500	1007	637	659	355	400	762	385	232	64	665	942	170	425	425	695	57
3,000	1007	637	659	355	400	762	385	232	64	665	942	170	425	425	695	58
4,000	1057	714	747	400	500	827	439	256	58	742	992	190	427	427	772	70

P: Depth  
L: Width  
H: Height  
Ø: Diameter of connections  
LT: Total length  
EA1: Vertical centreline distance (intake)  
EA2: Horizontal centreline distance (intake)  
M: Height of connections  
Y: Feet centreline distance  
Z: Base plate  
S: Footprint  
ER1: Discharge centreline (connection - access panel)  
ER2: Discharge centreline (connection - side panel with switch)  
Mod : Model.

### ELECTRICAL CHARACTERISTICS

EasyVEC® C4 ULTRA micro-watt+

- EC motor,
- Single-phase power supply 230 V - 50 Hz.

Model	Max. absorbed current (A)	Max. power (W)
400	0.5	50
700	1.66	69
1,000	1.66	164
1,500	2.4	171
2,000	2.4	250
2,500	4.11	264
3,000	4.11	429
4,000	6.34	615

(1) Compliant with Eco-design Regulation 1253/2014.

# C4 fire-rated exhaust box fans

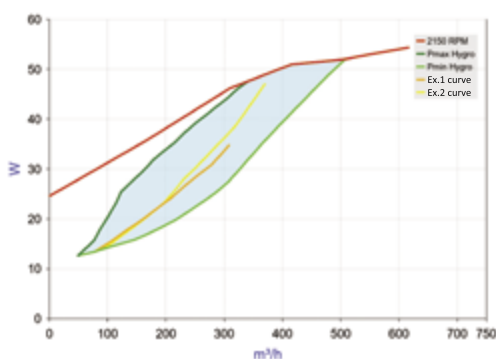
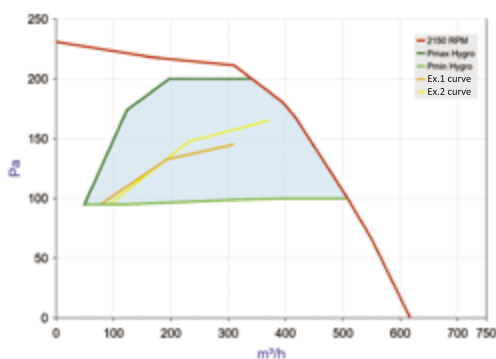
EasyVEC® C4 - Low and very low consumption



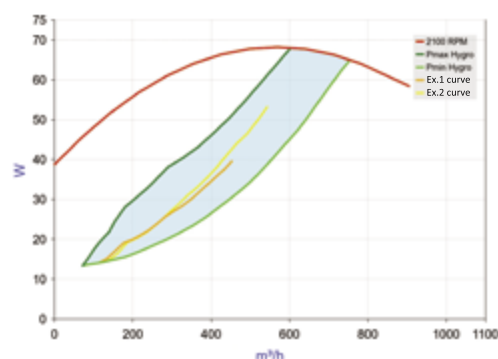
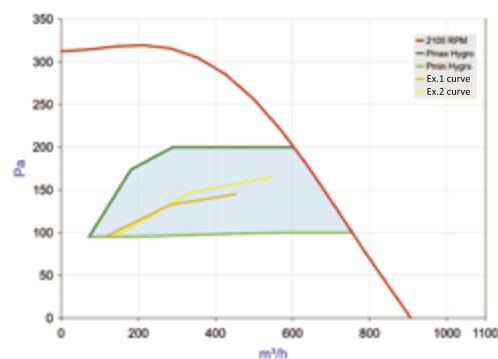
## EasyVEC® C4 ULTRA micro-watt+ ( $\leq 4,000 \text{ m}^3/\text{h}$ )

THE BEST-DESIGNED RANGE OF CMEV BOX FANS ON THE MARKET, MAKING VENTILATION EFFICIENT, SERENE AND EASY

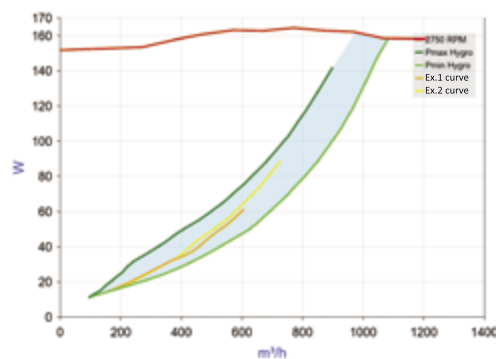
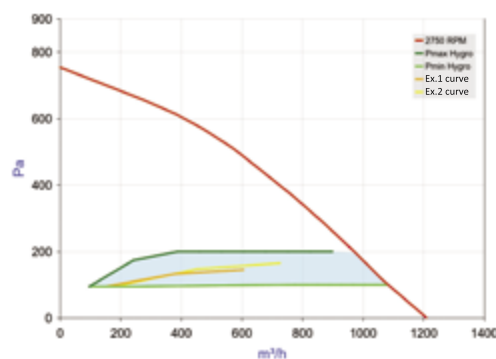
### AIRFLOW DETAILS



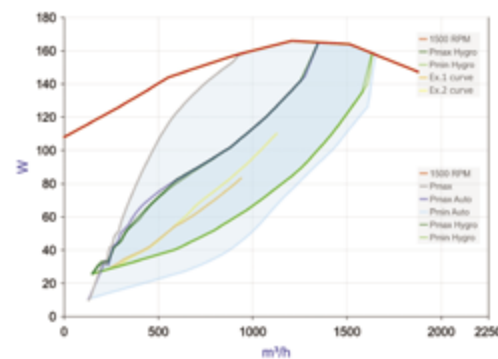
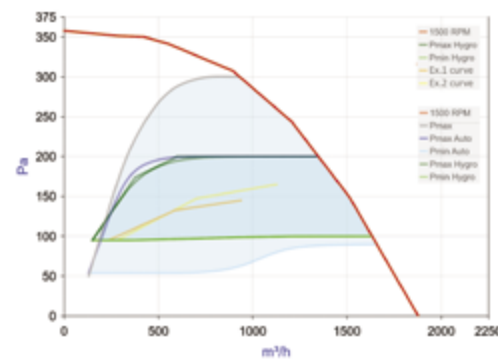
EasyVEC® C4 ULTRA micro-watt+ 400



EasyVEC® C4 ULTRA micro-watt+ 700



EasyVEC® C4 ULTRA micro-watt+ 1,000



EasyVEC® C4 ULTRA micro-watt+ 1,500

- Aerodynamic curves established in accordance with standard NF EN ISO 5801.
- P (Pa) = static pressure P (W) = power consumption.





# C4 fire-rated exhaust box fans

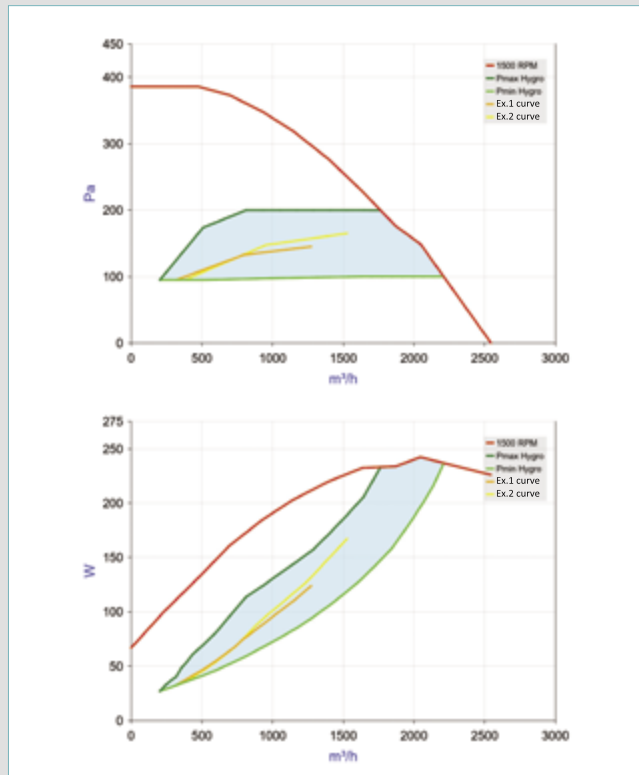
EasyVEC® C4 - Low and very low consumption



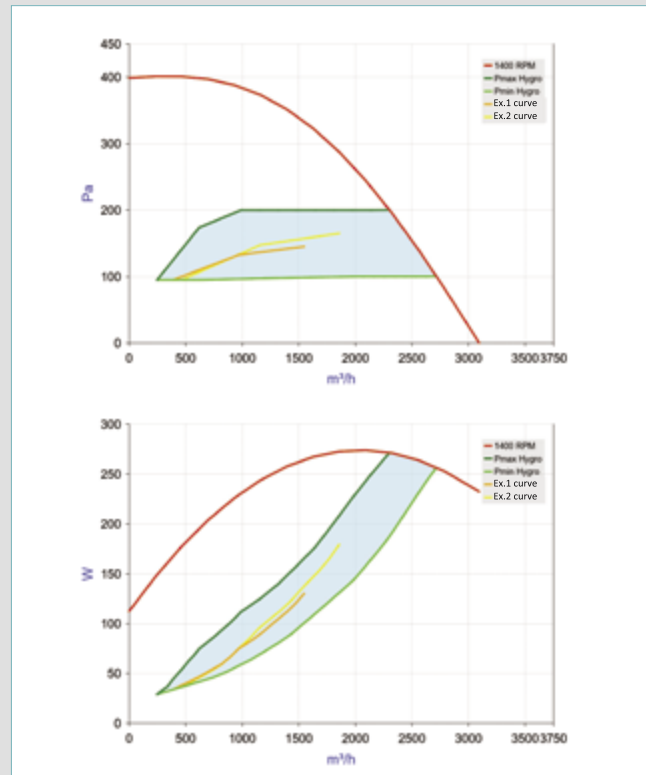
## EasyVEC® C4 ULTRA micro-watt+ ( $\leq 4,000 \text{ m}^3/\text{h}$ )

THE BEST-DESIGNED RANGE OF CMEV BOX FANS ON THE MARKET, MAKING VENTILATION EFFICIENT, SERENE AND EASY

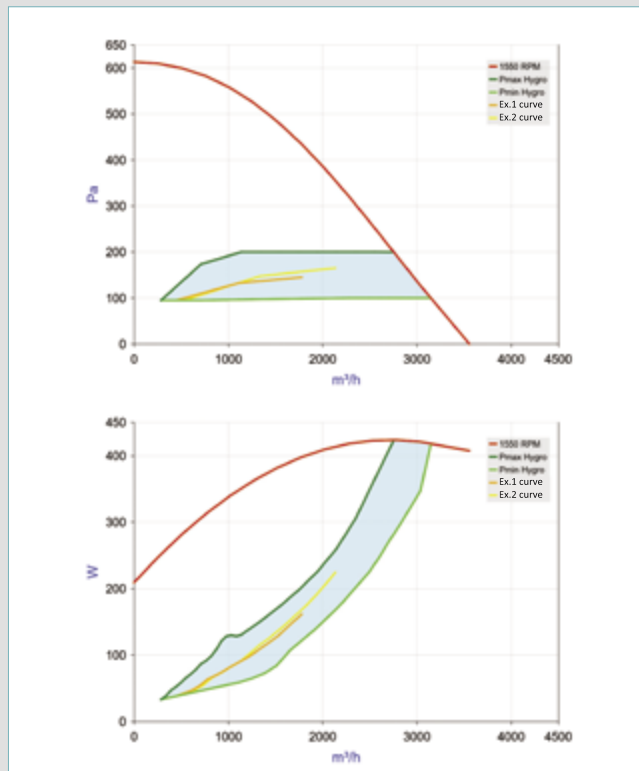
### AEREAULIC CHARACTERISTICS



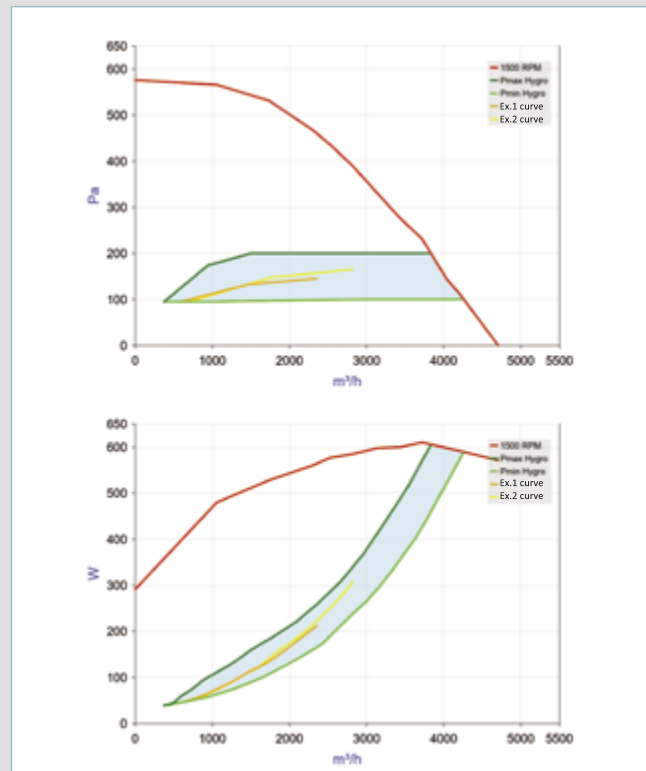
EasyVEC® C4 ULTRA micro-watt+ 2,000



EasyVEC® C4 ULTRA micro-watt+ 2,500



EasyVEC® C4 ULTRA micro-watt+ 3,000



EasyVEC® C4 ULTRA micro-watt+ 4,000

- Aerodynamic curves established in accordance with standard NF EN ISO 5801.
- P (Pa) = static pressure P (W) = power consumption.

# C4 fire-rated exhaust box fans

EasyVEC® C4 - Low and very low consumption



## EasyVEC® C4 micro-watt+ ( $\geq 5,000 \text{ m}^3/\text{h}$ )

THE BEST-DESIGNED RANGE OF CMEV BOX FANS ON THE MARKET, MAKING VENTILATION EFFICIENT, SERENE AND EASY



Airflow from 5,000 m³/h

### DESCRIPTION

- EasyVEC® C4 MW, the very low consumption range from 5,000 m³/h, fitted with Aldes micro-watt+ patented control.

### RANGE

Description	Airflow (m³/h)	Reference	Discount family
2 intakes, 1 discharge			
EasyVEC® C4 micro-watt+ 5,000 proximity switch	5,000	11034886	09
EasyVEC® C4 micro-watt+ 6,500 proximity switch	6,500	11034888	09
EasyVEC® C4 micro-watt+ 8,000 proximity switch	8,000	11034890	09
With choice of options*			
EasyVEC® C4 micro-watt+ 5,000 proximity switch	5,000	11034858	09
EasyVEC® C4 micro-watt+ 6,500 proximity switch	6,500	11034859	09
EasyVEC® C4 micro-watt+ 8,000 proximity switch	8,000	11034860	09
EasyVEC® C4 micro-watt+ 10,000 proximity switch	10,000	11034861	09
EasyVEC® C4 micro-watt+ 12,000 proximity switch	12,000	11034862	09

### DESCRIPTION

- EC motor with very low power consumption (50/60 Hz),
- C4 certification: 400°C - 1/2 hour,
- Fitted with proximity switch as standard,
- Galvanised steel box fan Z275,
- Aldes micro-watt (constant pressure) or micro-watt+ (regulated pressure),
- Direct-drive backward curve impeller to optimise output and limit size,
- Simple and intuitive remote control always within reach due to its attachment cable and magnetic holder,
- Four control modes possible: regulated pressure for precise consumption, constant pressure, constant airflow or via 0-10V external sensor,
- Alarm available by wiring to the electronic board,
- Compatible with the T.Flow® Hygro+/Nano domestic hot water production solution,
- Compatible AldesConnect® Pro,
- Wide choice of options and accessories to meet all requirements: flexible sleeves, sound attenuators, anti-vibration feet, pressure switch, etc.,
- Made in France.

### PRODUCT ADVANTAGES

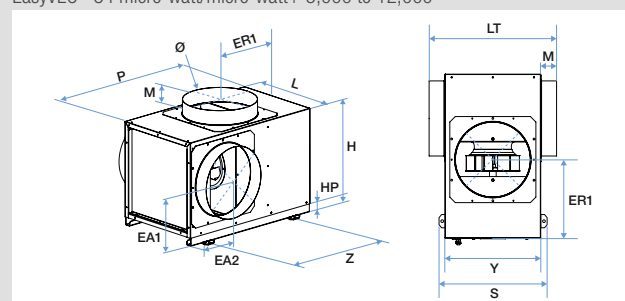
- \*Easy to select: Selector poWair and Conceptor Ventilation software programs.
- Easy to install: box fans can be dismantled for insertion in small spaces.
- Easy to configure: ergonomic, intuitive interface built into the box fan for models up to 4,000 m³/h and remote control on models up to 12,000 m³/h.
- Easy to service: link to documentation via QR code, single access panel.

### COMPLIANCE

- Technical evaluation humidity-controlled "Bahia" no. 14.5/17-2266 and 14.5/17-2267.
- Technical evaluation commercial modulated ventilation no. 14.5/16-2185.
- ErP<sup>(1)</sup>.
- ESC-eligible: BAR-TH-127, BAT-TH-125.
- Item GH A 4 for high-rise buildings.

### DIMENSIONS (mm) - WEIGHT (kg)

EasyVEC® C4 micro-watt/micro-watt+ 5,000 to 12,000



Mod.	P	L	H	d	HP	LT	HT	EA1	EA2	M	Y	Z	S	ER1	Weight
5,000	1195	785	760	630	115	880	923.5	485	353	48.5	813	1164	833	496	103
6,500	1195	785	760	630	115	880	923.5	485	353	48.5	813	1164	833	496	110
8,000	1195	785	760	630	115	880	923.5	485	353	48.5	813	1164	833	496	118
10,000	1420	1138	1015	710	118	1005	1183	552	394	50	937	1392	961	522	195
12,000	1420	1138	1015	710	118	1005	1183	552	394	50	937	1392	961	522	202

Notes: For the insulated versions, add 26 mm in height and 52 mm in width.

The discharge connection is available as an accessory

P: Depth  
L: Width  
H: Height  
d: Diameter of connections  
LT: Total length  
EA1: Vertical centreline distance (intake)  
EA2: Horizontal centreline distance (intake)  
M: Height of connections  
Y: Feet centreline distance  
Z: Base plate  
S: Footprint  
ER1: Discharge centreline (connection - access panel)  
ER2: Discharge centreline (connection - side panel with switch)  
Mod: Model.

### ELECTRICAL CHARACTERISTICS

EasyVEC® C4 micro-watt/micro-watt+

- EC motor,
- Single-phase power supply 230 V - 50 Hz.

Model	Max. absorbed current (A)	Max. power (W)
EasyVEC® C4 micro-watt/micro-watt+ 5,000	8	1,200
EasyVEC® C4 micro-watt/micro-watt+ 6,500	8.3	1,250
EasyVEC® C4 micro-watt/micro-watt+ 8,000	12	1,850
EasyVEC® C4 micro-watt/micro-watt+ 10,000	15.7	2,200
EasyVEC® C4 micro-watt/micro-watt+ 12,000	22.1	3,200

(1) Compliant with Eco-design Regulation 1253/2014.

# C4 fire-rated exhaust box fans

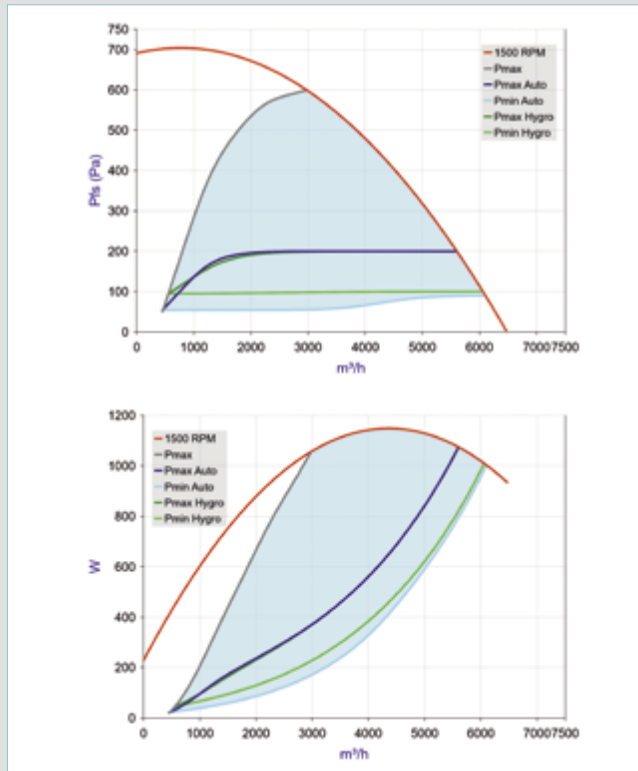
EasyVEC® C4 - Low and very low consumption



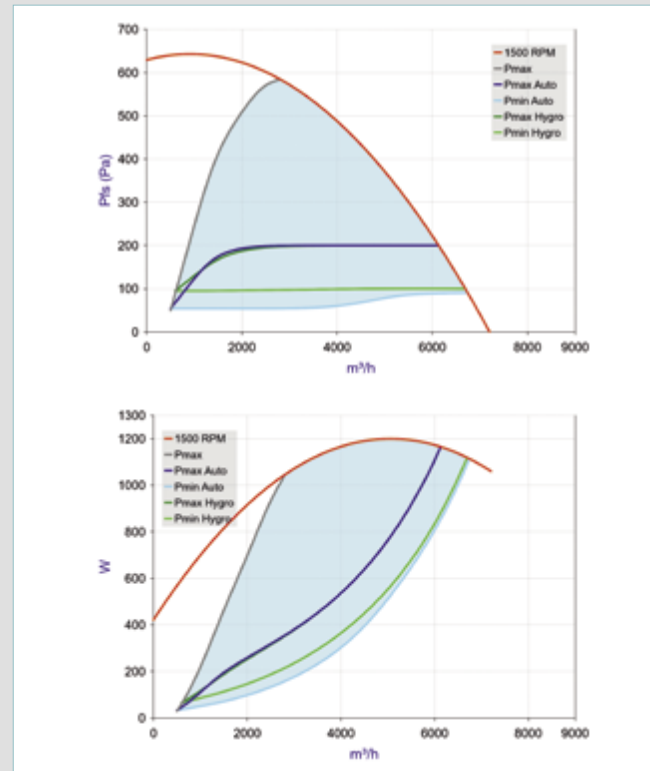
## EasyVEC® C4 micro-watt+ ( $\geq 5,000 \text{ m}^3/\text{h}$ )

THE BEST-DESIGNED RANGE OF CMEV BOX FANS ON THE MARKET, MAKING VENTILATION EFFICIENT, SERENE AND EASY

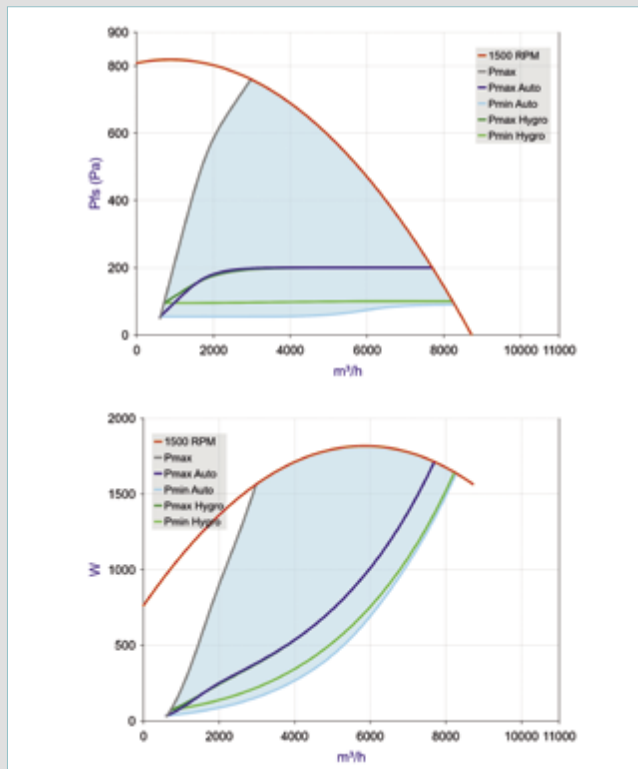
### AEREAULIC CHARACTERISTICS



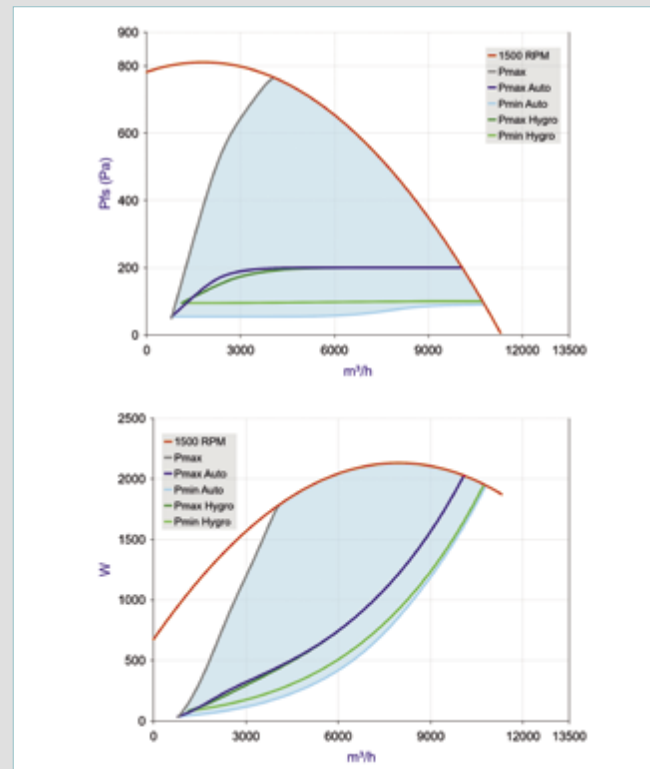
EasyVEC® C4 micro-watt+ 5,000



EasyVEC® C4 micro-watt+ 6,500



EasyVEC® C4 micro-watt+ 8,000



EasyVEC® C4 micro-watt+ 10,000

- Aerodynamic curves established in accordance with standard NF EN ISO 5801.
- P (Pa) = static pressure P (W) = power consumption.

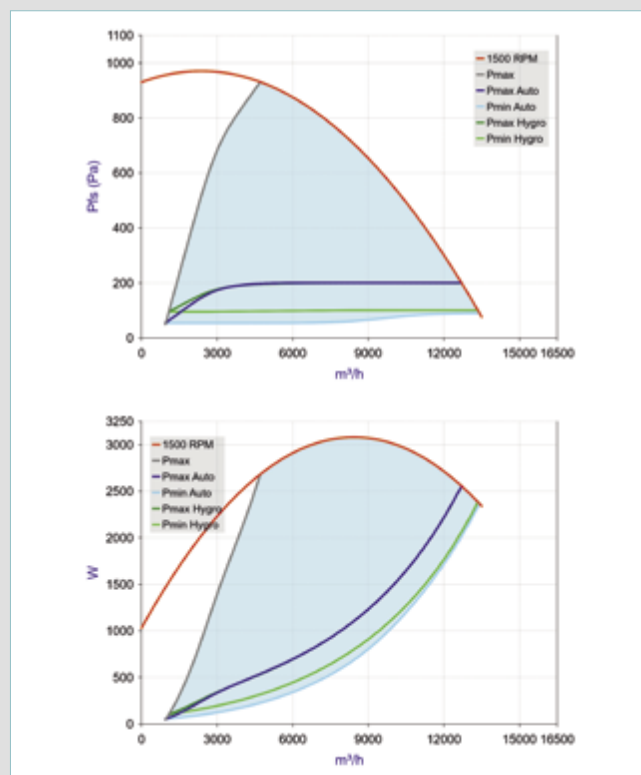
# C4 fire-rated exhaust box fans

EasyVEC® C4 - Low and very low consumption



## EasyVEC® C4 micro-watt+ ( $\geq 5,000 \text{ m}^3/\text{h}$ )

### AEREAULIC CHARACTERISTICS



EasyVEC® C4 micro-watt+ 12,000

- Aerodynamic curves established in accordance with standard NF EN ISO 5801.
- $P$  (Pa) = static pressure  $P$  ( $W$ ) = power consumption.

# C4 fire-rated exhaust box fans

EasyVEC® C4 - Low and very low consumption



## EasyVEC® C4 PRO micro-watt ( $\leq 4,000 \text{ m}^3/\text{h}$ )

THE BEST-DESIGNED RANGE OF CMEV BOX FANS ON THE MARKET, MAKING VENTILATION EFFICIENT, SERENE AND EASY



Airflow 400 to 700  $\text{m}^3/\text{h}$ .



Airflow 1,000 to 4,000  $\text{m}^3/\text{h}$ .

### DESCRIPTION

EasyVEC® C4 PRO, the low consumption range, fitted with Aldes micro-watt patented control.

### RANGE

Description	Airflow ( $\text{m}^3/\text{h}$ )	Reference	Discount family
1 intake, 1 discharge			
EasyVEC® C4 PRO micro-watt 400	400	11034960	09
EasyVEC® C4 PRO micro-watt 700	700	11034961	09
2 intakes, 1 discharge			
EasyVEC® C4 PRO micro-watt 1,000	1,000	11034962	09
EasyVEC® C4 PRO micro-watt 1,500	1,500	11034963	09
EasyVEC® C4 PRO micro-watt 2,000	2,000	11034964	09
EasyVEC® C4 PRO micro-watt 2,500	2,500	11034965	09
EasyVEC® C4 PRO micro-watt 3,000	3,000	11034966	09
EasyVEC® C4 PRO micro-watt 4,000	4,000	11034967	09

### CHARACTERISTICS

- Aldes Micro-watt control (constant pressure),
- Controlled by constant airflow or 0-10 V input,
- Standard AldesConnect® Pro connectivity module,
- Standard Modbus,
- Compatible with the T.Flow® Hygro+/Nano domestic hot water production solution,
- EC low consumption motor (50/60 Hz),
- Backward curve impeller,
- C4 certification: 400°C - 1/2 hour,
- Fitted with proximity switch as standard,
- Galvanised steel box fan Z275,
- Can be dismantled for insertion in small spaces (up to size 3,000: 600 x 600 mm, 4,000: 800 x 800 mm),
- Wide choice of options and accessories to meet all requirements: flexible sleeves, sound attenuators, anti-vibration feet, pressure switch, etc.,
- Made in France.

### PRODUCT ADVANTAGES

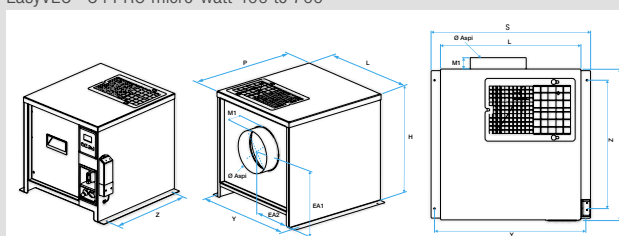
- \*Easy to select: Selector poWair and Conceptor Ventilation software programs.
- Easy to install: box fans can be dismantled for insertion in small spaces.
- Easy to configure: ergonomic, intuitive interface built into the box fan for models up to 4,000  $\text{m}^3/\text{h}$  and remote control on models up to 12,000  $\text{m}^3/\text{h}$ .
- Easy to service: link to documentation via QR code, single access panel.

### COMPLIANCE

- Technical evaluation humidity-controlled "Bahia" no. 14.5/17-2266 and 14.5/17-2267.
- Technical evaluation commercial modulated ventilation no. 14.5/16-2185.
- ErP<sup>(1)</sup>.
- ESC-eligible: BAR-TH-127, BAT-TH-125.

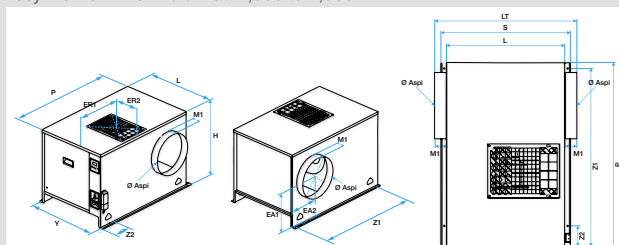
### DIMENSIONS (mm) - WEIGHT (kg)

EasyVEC® C4 PRO micro-watt 400 to 700



Mod.	P	L	H	Ø Intake	Ø Discharge	EA1	EA2	M1	Y	Z	ER1	ER2	S	Weight
400	432	402	408	160	250	253	164	42	430	367	295	295	457	17
700	432	402	408	250	250	253	164	42	430	367	295	295	457	17

EasyVEC® C4 PRO micro-watt 1,000 to 4,000



Mod.	P	L	H	Ø Intake	Ø Discharge	LT	EA1	EA2	M1	Y	Z1	Z2	ER1	ER2	S	Weight
1,000	689	402	408	200	315	529	234	156	65	430	624	130	315	315	457	21
1,500	891	565	559	315	355	692	317	209	65	593	826	130	369	369	623	44
2,000	891	565	559	315	355	692	317	209	65	593	826	130	369	369	623	45
2,500	1007	637	659	355	400	762	385	232	64	665	942	170	425	425	695	57
3,000	1007	637	659	355	400	762	385	232	64	665	942	170	425	425	695	58
4,000	1057	714	747	400	500	827	439	256	58	742	992	190	427	427	772	70

P: Depth  
L: Width  
H: Height  
Ø: Diameter of connections  
LT: Total length  
EA1: Vertical centreline distance (intake)  
EA2: Horizontal centreline distance (intake)  
M: Height of connections  
Y: Feet centreline distance  
Z: Base plate  
S: Footprint  
ER1: Discharge centreline (connection - access panel)  
ER2: Discharge centreline (connection - side panel with switch)  
Mod : Model.

### ELECTRICAL CHARACTERISTICS

EasyVEC® C4 PRO micro-watt

- EC motor,
- Single-phase power supply 230 V - 50 Hz.

Model	Max. absorbed current (A)	Max. power (W)
400	0,5	50
700	1,66	69
1,000	1,66	164
1,500	2,4	171
2,000	2,4	250
2,500	4,11	264
3,000	4,11	429
4,000	6,34	615

(1) Compliant with Eco-design Regulation 1253/2014.



# C4 fire-rated exhaust box fans

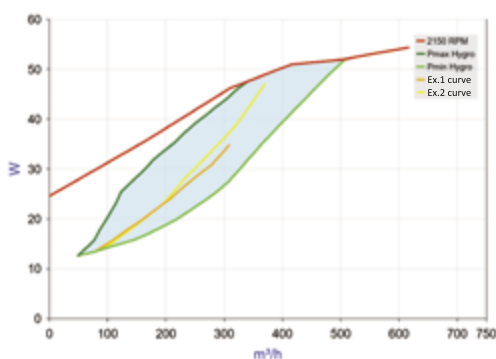
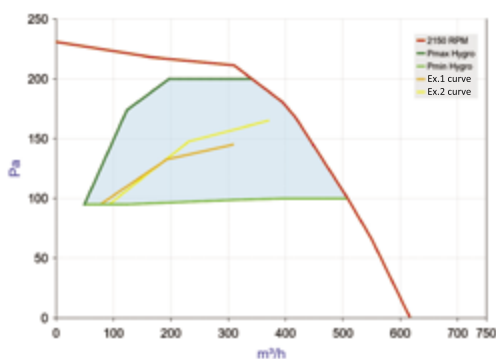
EasyVEC® C4 - Low and very low consumption



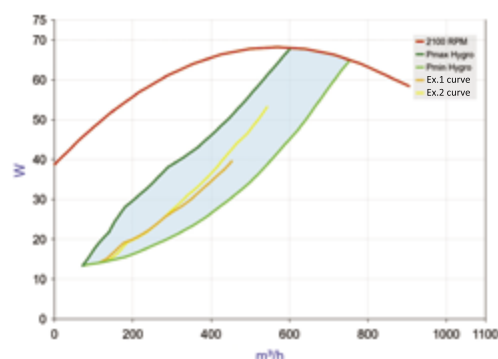
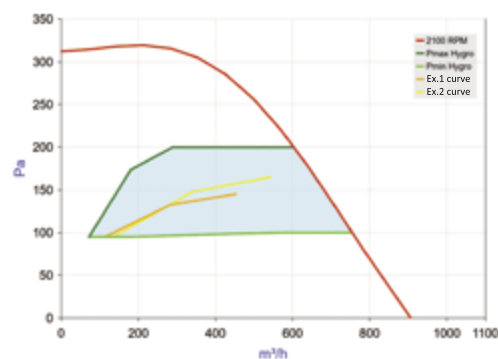
## EasyVEC® C4 ULTRA micro-watt+ ( $\leq 4,000 \text{ m}^3/\text{h}$ )

THE BEST-DESIGNED RANGE OF CMEV BOX FANS ON THE MARKET, MAKING VENTILATION EFFICIENT, SERENE AND EASY

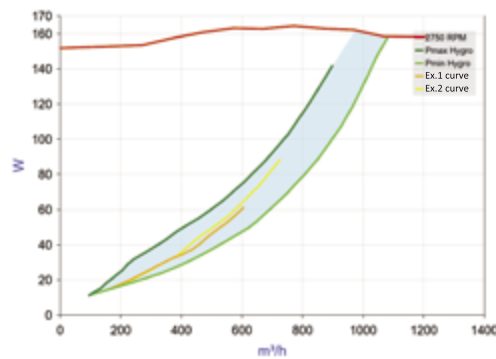
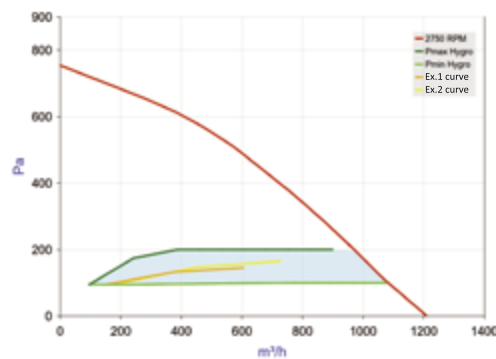
### AIRFLOW DETAILS



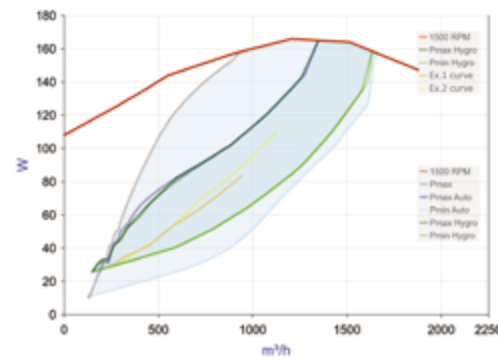
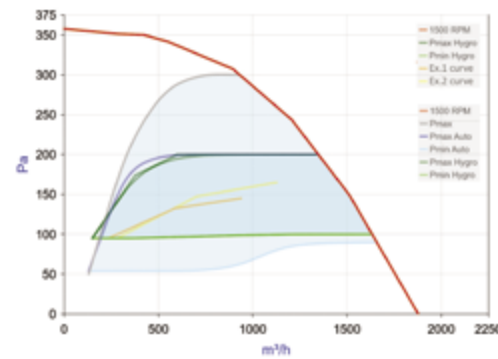
EasyVEC® C4 ULTRA micro-watt+ 400



EasyVEC® C4 ULTRA micro-watt+ 700



EasyVEC® C4 ULTRA micro-watt+ 1,000



EasyVEC® C4 ULTRA micro-watt+ 1,500

- Aerodynamic curves established in accordance with standard NF EN ISO 5801.
- P (Pa) = static pressure P (W) = power consumption.



# C4 fire-rated exhaust box fans

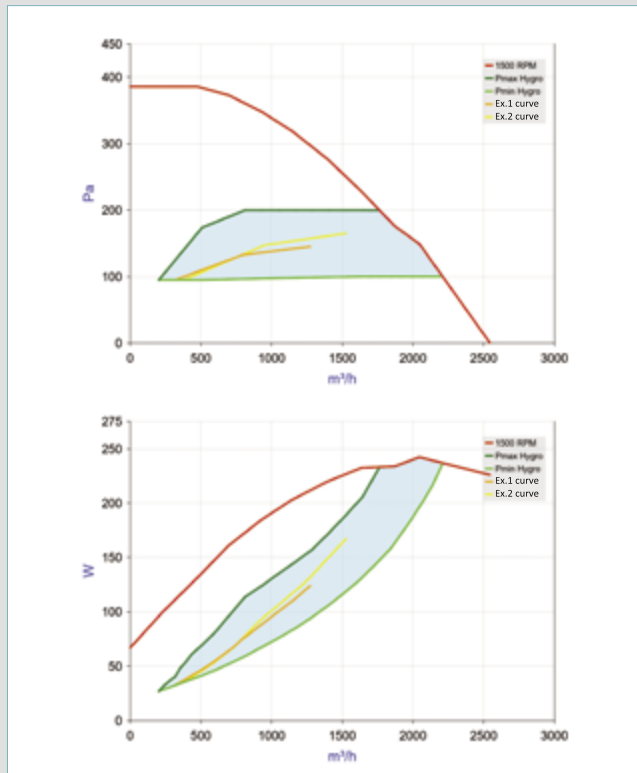
EasyVEC® C4 - Low and very low consumption



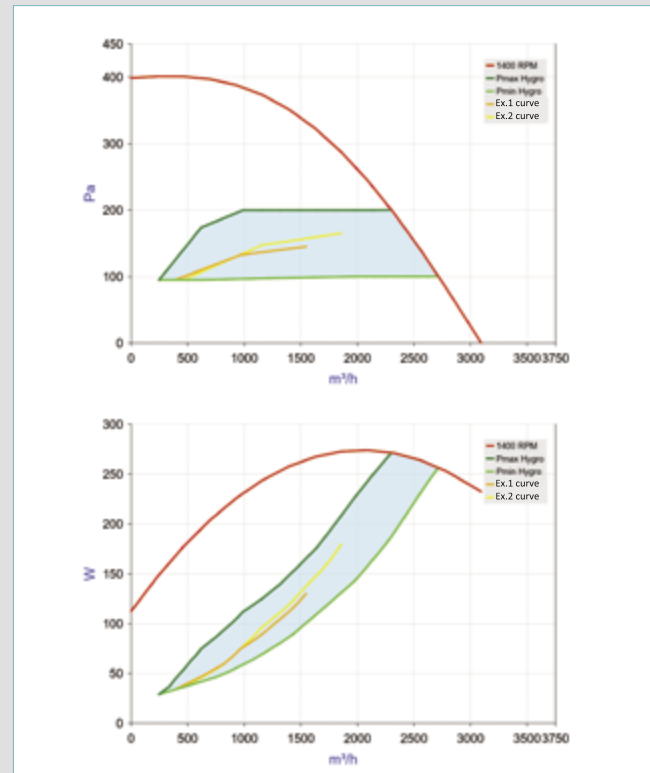
## EasyVEC® C4 ULTRA micro-watt+ ( $\leq 4,000 \text{ m}^3/\text{h}$ )

THE BEST-DESIGNED RANGE OF CMEV BOX FANS ON THE MARKET, MAKING VENTILATION EFFICIENT, SERENE AND EASY

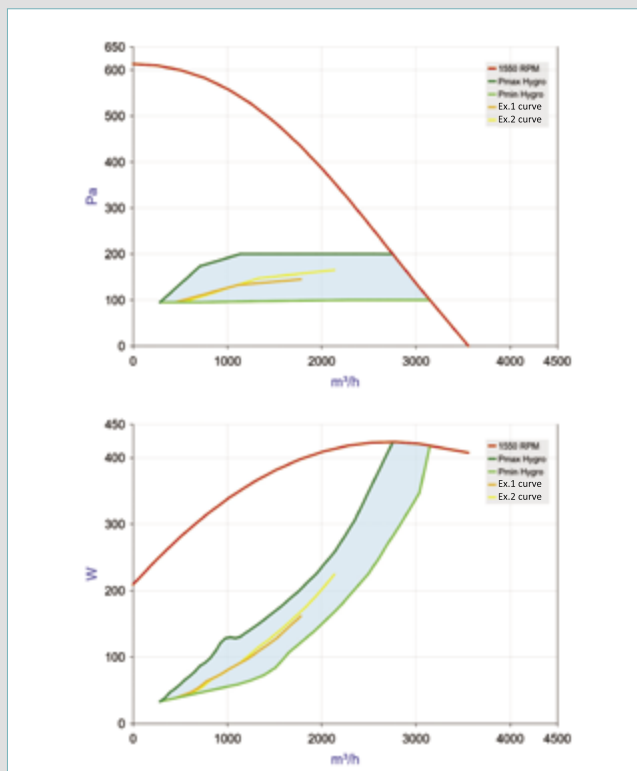
### AEREAULIC CHARACTERISTICS



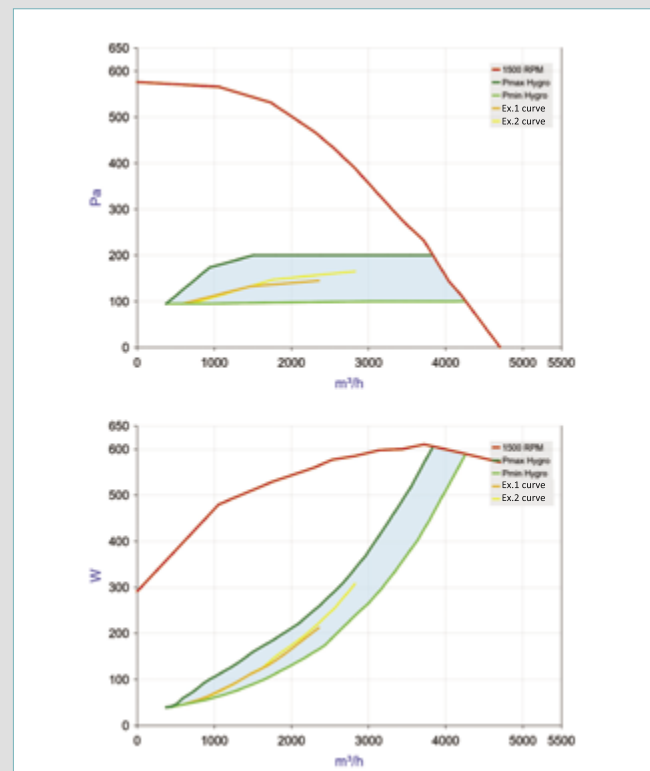
EasyVEC® C4 ULTRA micro-watt+ 2,000



EasyVEC® C4 ULTRA micro-watt+ 2,500



EasyVEC® C4 ULTRA micro-watt+ 3,000



EasyVEC® C4 ULTRA micro-watt+ 4,000

- Aerodynamic curves established in accordance with standard NF EN ISO 5801.
- P (Pa) = static pressure P (W) = power consumption.

# C4 fire-rated exhaust box fans

EasyVEC® C4 - Low and very low consumption



## EasyVEC® C4 micro-watt+ ( $\geq 5,000 \text{ m}^3/\text{h}$ )

THE BEST-DESIGNED RANGE OF CMEV BOX FANS ON THE MARKET, MAKING VENTILATION EFFICIENT, SERENE AND EASY



Airflow from 5,000 m³/h

### DESCRIPTION

- EasyVEC® C4 MW, the very low consumption range from 5,000 m³/h, fitted with Aldes micro-watt+ patented control.

### RANGE

Description	Airflow (m³/h)	Reference	Discount family
2 intakes, 1 discharge			
EasyVEC® C4 micro-watt+ 5,000 proximity switch	5,000	11034886	09
EasyVEC® C4 micro-watt+ 6,500 proximity switch	6,500	11034888	09
EasyVEC® C4 micro-watt+ 8,000 proximity switch	8,000	11034890	09
With choice of options*			
EasyVEC® C4 micro-watt+ 5,000 proximity switch	5,000	11034858	09
EasyVEC® C4 micro-watt+ 6,500 proximity switch	6,500	11034859	09
EasyVEC® C4 micro-watt+ 8,000 proximity switch	8,000	11034860	09
EasyVEC® C4 micro-watt+ 10,000 proximity switch	10,000	11034861	09
EasyVEC® C4 micro-watt+ 12,000 proximity switch	12,000	11034862	09

### DESCRIPTION

- EC motor with very low power consumption (50/60 Hz),
- C4 certification: 400°C - 1/2 hour,
- Fitted with proximity switch as standard,
- Galvanised steel box fan Z275,
- Aldes micro-watt (constant pressure) or micro-watt+ (regulated pressure),
- Direct-drive backward curve impeller to optimise output and limit size,
- Simple and intuitive remote control always within reach due to its attachment cable and magnetic holder,
- Four control modes possible: regulated pressure for precise consumption, constant pressure, constant airflow or via 0-10V external sensor,
- Alarm available by wiring to the electronic board,
- Compatible with the T.Flow® Hygro+/Nano domestic hot water production solution,
- Compatible AldesConnect® Pro,
- Wide choice of options and accessories to meet all requirements: flexible sleeves, sound attenuators, anti-vibration feet, pressure switch, etc.,
- Made in France.

### PRODUCT ADVANTAGES

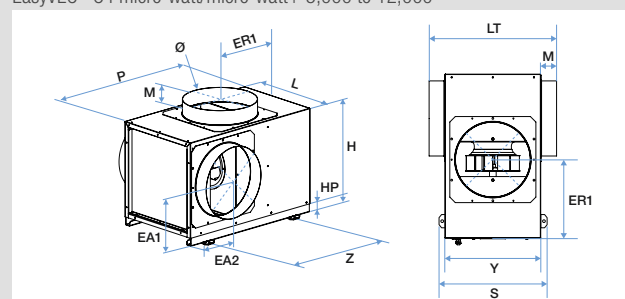
- \*Easy to select: Selector poWair and Conceptor Ventilation software programs.
- Easy to install: box fans can be dismantled for insertion in small spaces.
- Easy to configure: ergonomic, intuitive interface built into the box fan for models up to 4,000 m³/h and remote control on models up to 12,000 m³/h.
- Easy to service: link to documentation via QR code, single access panel.

### COMPLIANCE

- Technical evaluation humidity-controlled "Bahia" no. 14.5/17-2266 and 14.5/17-2267.
- Technical evaluation commercial modulated ventilation no. 14.5/16-2185.
- ErP<sup>(1)</sup>.
- ESC-eligible: BAR-TH-127, BAT-TH-125.
- Item GH 4 for high-rise buildings.

### DIMENSIONS (mm) - WEIGHT (kg)

EasyVEC® C4 micro-watt/micro-watt+ 5,000 to 12,000



Mod.	P	L	H	d	HP	LT	HT	EA1	EA2	M	Y	Z	S	ER1	Weight
5,000	1195	785	760	630	115	880	923.5	485	353	48.5	813	1164	833	496	103
6,500	1195	785	760	630	115	880	923.5	485	353	48.5	813	1164	833	496	110
8,000	1195	785	760	630	115	880	923.5	485	353	48.5	813	1164	833	496	118
10,000	1420	1138	1015	710	118	1005	1183	552	394	50	937	1392	961	522	195
12,000	1420	1138	1015	710	118	1005	1183	552	394	50	937	1392	961	522	202

Notes: For the insulated versions, add 26 mm in height and 52 mm in width.

The discharge connection is available as an accessory

P: Depth  
L: Width  
H: Height  
d: Diameter of connections  
LT: Total length  
EA1: Vertical centreline distance (intake)  
EA2: Horizontal centreline distance (intake)  
M: Height of connections  
Y: Feet centreline distance  
Z: Base plate  
S: Footprint  
ER1: Discharge centreline (connection - access panel)  
ER2: Discharge centreline (connection - side panel with switch)  
Mod: Model.

### ELECTRICAL CHARACTERISTICS

EasyVEC® C4 micro-watt/micro-watt+

- EC motor,
- Single-phase power supply 230 V - 50 Hz.

Model	Max. absorbed current (A)	Max. power (W)
EasyVEC® C4 micro-watt/micro-watt+ 5,000	8	1,200
EasyVEC® C4 micro-watt/micro-watt+ 6,500	8.3	1,250
EasyVEC® C4 micro-watt/micro-watt+ 8,000	12	1,850
EasyVEC® C4 micro-watt/micro-watt+ 10,000	15.7	2,200
EasyVEC® C4 micro-watt/micro-watt+ 12,000	22.1	3,200

(1) Compliant with Eco-design Regulation 1253/2014.

# C4 fire-rated exhaust box fans

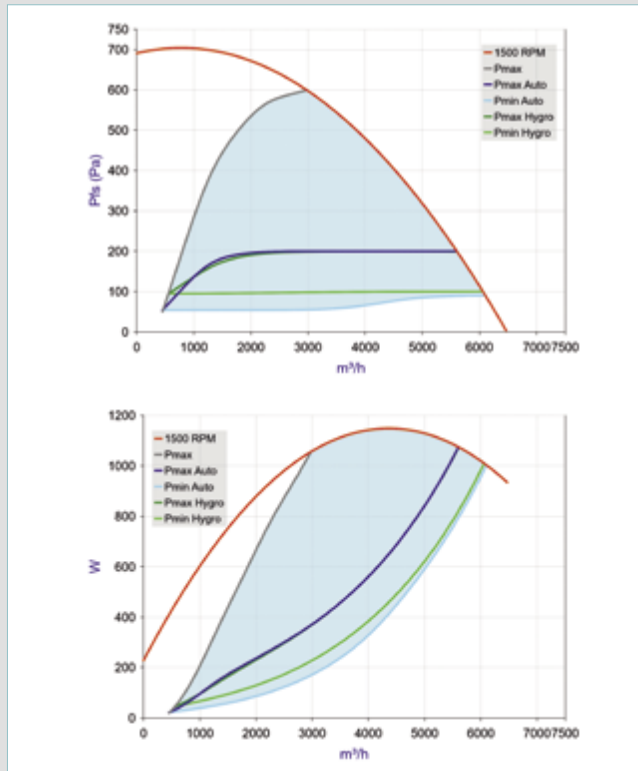
EasyVEC® C4 - Low and very low consumption



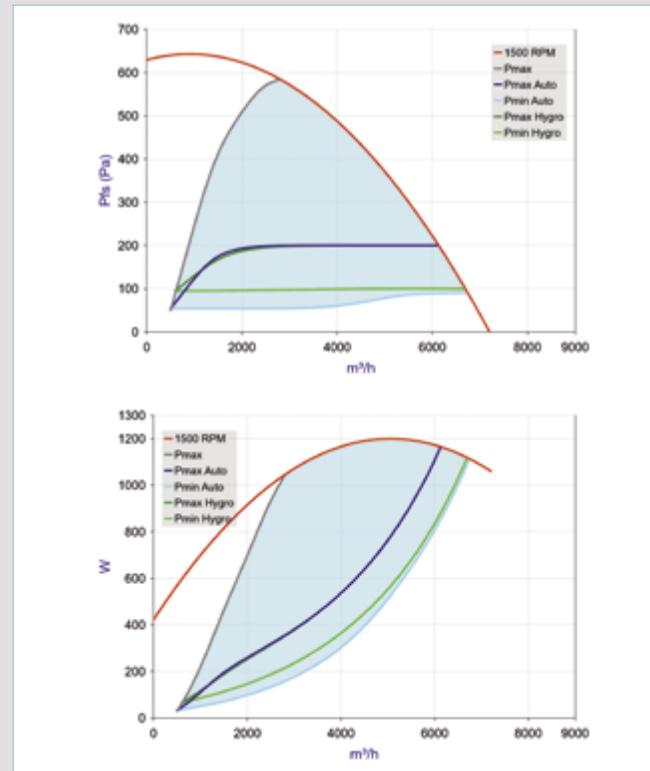
## EasyVEC® C4 micro-watt+ ( $\geq 5,000 \text{ m}^3/\text{h}$ )

THE BEST-DESIGNED RANGE OF CMEV BOX FANS ON THE MARKET, MAKING VENTILATION EFFICIENT, SERENE AND EASY

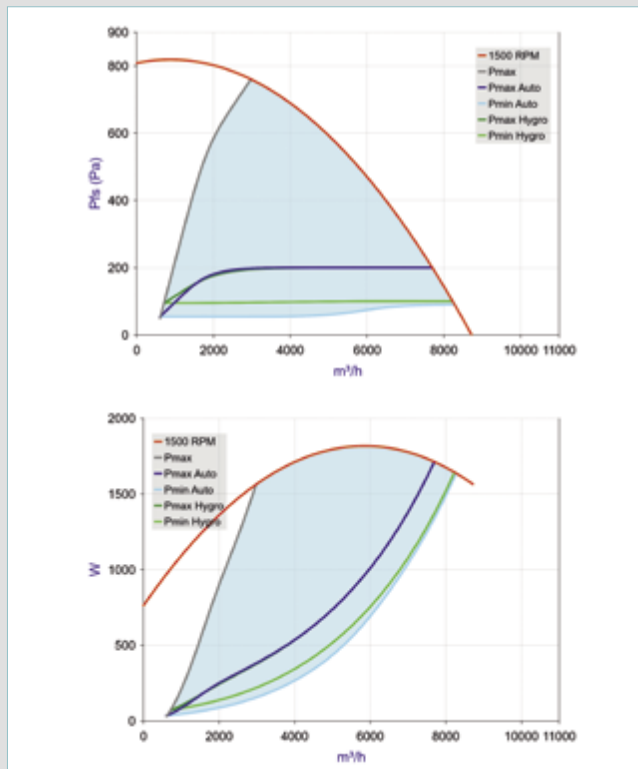
### AEREAULIC CHARACTERISTICS



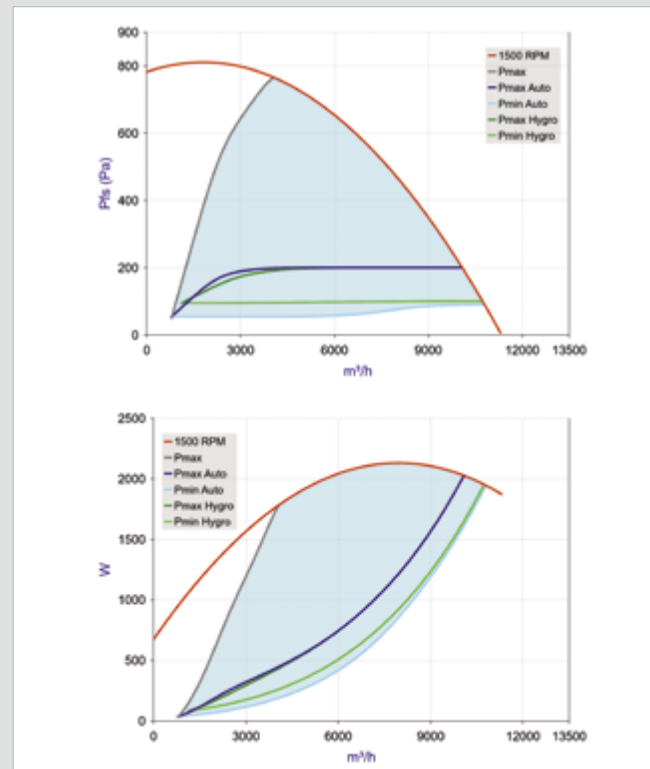
EasyVEC® C4 micro-watt+ 5,000



EasyVEC® C4 micro-watt+ 6,500



EasyVEC® C4 micro-watt+ 8,000



EasyVEC® C4 micro-watt+ 10,000

- Aerodynamic curves established in accordance with standard NF EN ISO 5801.
- P (Pa) = static pressure P (W) = power consumption.

# C4 fire-rated exhaust box fans

## EasyVEC® C4 - Standard



## EasyVEC® C4 Standard general information



EasyVEC® C4 standard ≤ 2500 m³/h



EasyVEC® C4 standard ≥ 4000 m³/h

### DESCRIPTION

- Standard proximity switch,
- Galvanised steel box fan,
- Box fans can be dismantled entirely for models from 4,000 m³/h upwards,
- Wide choice of options and accessories to meet all requirements: sound attenuators, anti-vibration feet, flexible sleeves, pressure switch, etc.,
- Made in France.

### SCOPE

- Exhaust fan for CMEV systems,
- Collective and commercial housing new and refurbishment residential,
- C4 certification 400°C- 1/2 h.

### IMPLEMENTATION

- Attics/equipment rooms/flat roof,
- Indoors/outdoors.

### ACCESSORIES

- Sound attenuators,
- Flexible intake and discharge sleeves,
- Anti-vibration mountings,
- Screened rain hood,
- Pressure switch kit.

### AVAILABLE OPTIONS

- Fixed pressure switch 80 Pa (CMEV GAS),
- Three-phase power supply.

### PRODUCT ADVANTAGES

- Easy to select: Selector poWair and Conceptor Ventilation software programs.
- Easy to install: box fans can be dismantled entirely for models from 4,000 m³/h upwards.
- Easy to configure: remote control on micro-watt and micro-watt+ models.
- Easy to service: link to documentation via QR code, single access panel.

### COMPLIANCE

- Technical evaluation humidity-controlled "Bahia" no. 14.5/17-2266 and 14.5/17-2267.
- Technical evaluation commercial modulated ventilation no. 14.5/16-2185.
- ErP<sup>(1)</sup>.

### ELECTRICAL CHARACTERISTICS

#### EasyVEC® C4 standard

- AC motor on models 400 to 700 and 4,000 to 12,000 m³/h,
- EC motor on models 400 to 700 and 4,000 to 12,000 m³/h,
- Single-phase power supply 230 V - 50 Hz.

Model	Max. absorbed current (A)	Max. power (W)
EasyVEC® C4 Standard 400	0.6	102
EasyVEC® C4 Standard 700	0.8	171
EasyVEC® C4 Standard 1,000	2	230
EasyVEC® C4 Standard 1,500	3	412
EasyVEC® C4 Standard 2,500	7.3	1,157
EasyVEC® C4 Standard 4,000	5.2	720
EasyVEC® C4 Standard 5,000	7.1	1,100
EasyVEC® C4 Standard 6,500	8.2	1,255
EasyVEC® C4 Standard 8,000	11	1,750
EasyVEC® C4 Standard 10,000	13.2	2,050
EasyVEC® C4 Standard 12,000	21.8	3,200

- Three-phase power supply 400 V - 50 Hz for models from 4,000 to 12,000 m³/h.

Model	Max. absorbed current (A)	Max. power (W)
EasyVEC® standard 4,000	2.5	840
EasyVEC® standard 5,000	3	1,100
EasyVEC® standard 6,500	4	1,470
EasyVEC® standard 8,000	4.5	1,630
EasyVEC® standard 10,000	6	2,250
EasyVEC® standard 12,000	7.5	3,020

(1) Compliant with Eco-design Regulation 1253/2014.



# C4 fire-rated exhaust box fans

EasyVEC® C4 - Standard



## EasyVEC® C4 Standard



EasyVEC® C4 standard ≤ 2500 m³/h



EasyVEC® C4 standard ≥ 4000 m³/h

### RANGE

Description	Airflow (m³/h)	Reference	Discount family
1 intake, 1 discharge			
EasyVEC® C4 Standard 400 proximity switch	400	11034950	09
EasyVEC® C4 standard 400 proximity switch DEP	400	11034951	09
EasyVEC® C4 Standard 700 proximity switch	700	11034952	09
EasyVEC® C4 standard 700 proximity switch DEP	700	11034953	09
2 intakes, 1 discharge			
EasyVEC® C4 Standard 1,000 proximity switch	1,000	11034954	09
EasyVEC® C4 standard 1,000 proximity switch DEP	1,000	11034955	09
EasyVEC® C4 Standard 1,500 proximity switch	1,500	11034956	09
EasyVEC® C4 standard 1,500 proximity switch DEP	1,500	11034957	09
EasyVEC® C4 Standard 2,500 proximity switch	2,500	11034958	09
EasyVEC® C4 standard 2,500 proximity switch DEP	2,500	11034959	09
EasyVEC® C4 Standard 4,000 proximity switch	4,000	11034728	09
EasyVEC® C4 standard 4,000 proximity switch DEP	4,000	11034788	09
EasyVEC® C4 standard 4,000 proximity switch DEP TRI	4,000	11034775	09
EasyVEC® C4 Standard 5,000 proximity switch	5,000	11034729	09
EasyVEC® C4 standard 5,000 proximity switch DEP	5,000	11034789	09
EasyVEC® C4 standard 5,000 proximity switch DEP TRI	5,000	11034776	09
EasyVEC® C4 Standard 6,500 proximity switch	6,500	11034730	09
EasyVEC® C4 standard 6,500 proximity switch DEP	6,500	11034790	09
EasyVEC® C4 standard 6,500 proximity switch DEP TRI	6,500	11034777	09
EasyVEC® C4 standard 8,000 proximity switch	6,500	11034730	09
With choice of options*			
EasyVEC® C4 Standard 4,000 proximity switch	4,000	11034707	09
EasyVEC® C4 Standard 5,000 proximity switch	5,000	11034708	09
EasyVEC® C4 Standard 6,500 proximity switch	6,500	11034709	09
EasyVEC® C4 Standard 8,000 proximity switch	8,000	11034710	09
EasyVEC® C4 Standard 10,000 proximity switch	10,000	11034711	09
EasyVEC® C4 Standard 12,000 proximity switch	12,000	11034712	09

\* Price box fan only with no options. The configuration option must be added without fail. Please refer to the Accessories page for option prices.

### DESCRIPTION

- Speed controller as standard to match power needs precisely (excluding 400 and 700 models).
- TRI: Three-phase power supply 400 V - 50 Hz.
- DEP: Fixed pressure drop switch 80 Pa: safety device MANDATORY in GAS CMEV by decree of 30 May 1989 on Collective Safety Systems.
- Motor-impeller pairing:
  - 400 and 700 models: AC motor - forward curve impeller,
  - 1000 to 2500 models: EC motor - forward curve impeller,
  - 4000 to 12 000 models: AC motor - backward curve impeller.
- Available options:
  - Configuration 1: In-line air intake and discharge (only on 4000 to 12,000 m³/h models),
  - Double-skin rock wool insulation 25 mm thick (only on 4000 to 12,000 m³/h models),
  - Three-phase power supply 400 V 50 Hz,
  - Fixed pressure drop switch 80 Pa.

### PRODUCT ADVANTAGES

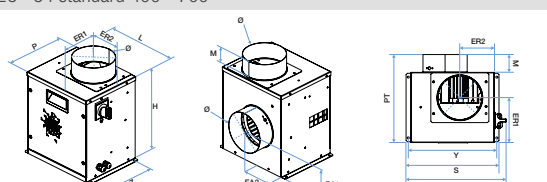
- Easy to select: Selector poWair and Conceptor Ventilation software programs.
- Easy to install: box fans can be dismantled entirely for models from 4,000 m³/h upwards.
- Easy to set : adjustment by potentiometer (models ≥ 1000 m³/h).
- Easy to service: link to documentation via QR code, single access panel.

### COMPLIANCE

- Technical evaluation humidity-controlled "Bahia" no. 14.5/17-2266 and 14.5/17-2267.
- Technical evaluation commercial modulated ventilation no. 14.5/16-2185.
- ErP<sup>(1)</sup>.

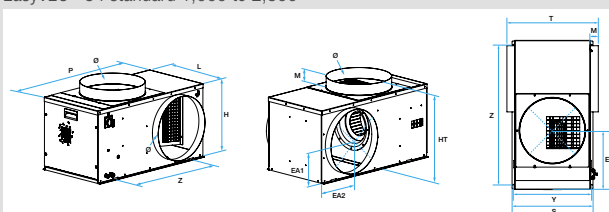
### DIMENSIONS (mm) - WEIGHT (kg)

EasyVEC® C4 standard 400 - 700



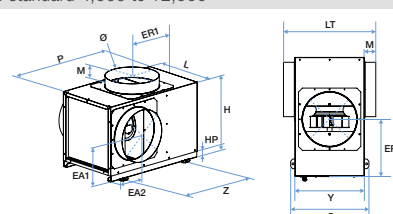
Mod.	P	L	H	Ø	HP	LT	HT	EA1	EA2	M	Y	Z	S	ER1	Weight
400	254	302	342	160	319	362	164	121.3	68	320	220	336	161.5	124	14
700	292.5	336	357.5	250	349	396	183	138	56.5	354	258.5	370	156	137	15.2

EasyVEC® C4 standard 1,000 to 2,500



Mod.	P	L	H	Ø	LT	HT	EA1	EA2	M	Y	Z	S	ER1	Weight
1,000	773	374	412.5	315	470.5	480	207	193.5	50	390.5	719.5	406.5	312	33
1,500	773	374	412.5	315	470.5	480	207	193.5	50	390.5	719.5	406.5	312	33
2,500	910.5	462	460	400	558	546	230.5	233	50	478	854.5	494	360	44

EasyVEC® C4 standard 4,000 to 12,000



Mod.	P	L	H	d	HP	LT	HT	EA1	EA2	M	Y	Z	S	ER1	Weight
4,000	1070	690	660	500	110	812	835	410	276	65	718	1037	743	400	78
5,000	1195	785	760	630	115	880	923.5	485	353	48.5	813	1164	833	496	103
6,500	1195	785	760	630	115	880	923.5	485	353	48.5	813	1164	833	496	110
8,000	1195	785	760	630	115	880	923.5	485	353	48.5	813	1164	833	496	118
10,000	1420	1138	1015	710	118	1005	1183	552	394	50	937	1392	961	522	195
12,000	1420	1138	1015	710	118	1005	1183	552	394	50	937	1392	961	522	202

Notes: For the insulated versions, add 26 mm in height and 52 mm in width.  
The discharge connection is available as an accessory.

P: Depth	EA1: Vertical centreline distance (intake)	Y: Feet centreline distance	ER2: Discharge centreline (connection - side panel with switch)
L: Width	EA2: Horizontal centreline distance (intake)	Z: Base plate	Mod : Model.
H: Height	M: Height of connections	S: Footprint	
Ø: Diameter of connections		ER1: Discharge centreline (connection - access panel)	
LT: Total length			

(1) Compliant with Eco-design Regulation 1253/2014.

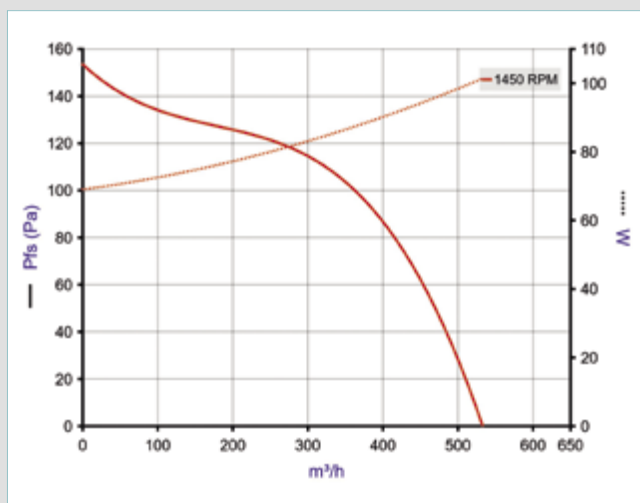
# C4 fire-rated exhaust box fans

EasyVEC® C4 - Standard

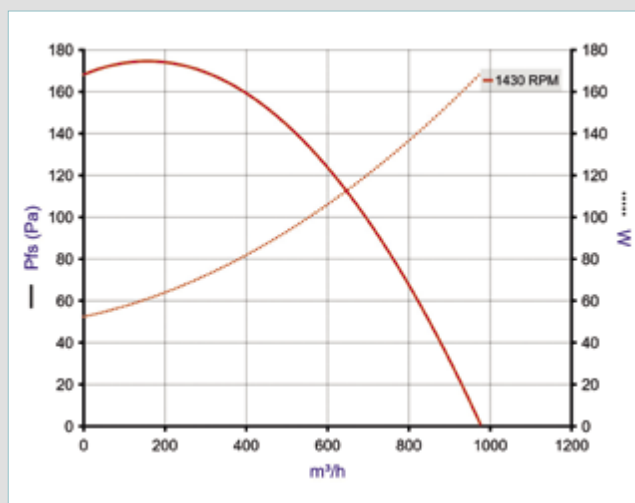


## EasyVEC® C4 standard

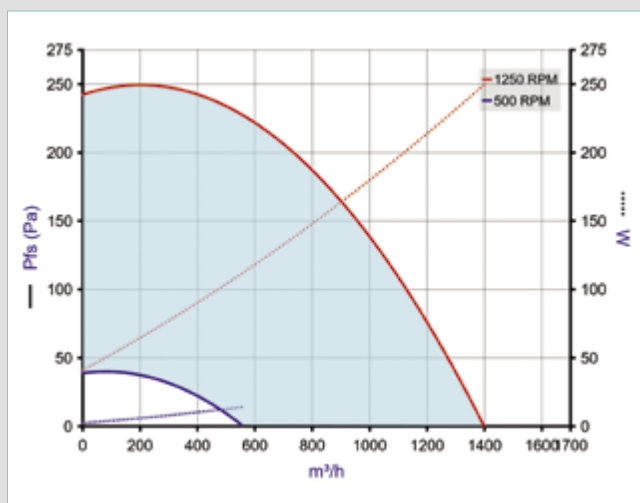
### AEREAUC CHARACTERISTICS



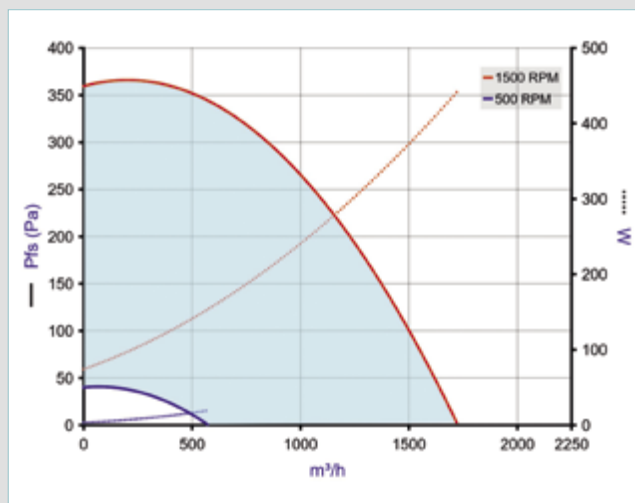
EasyVEC® C4 Standard 400



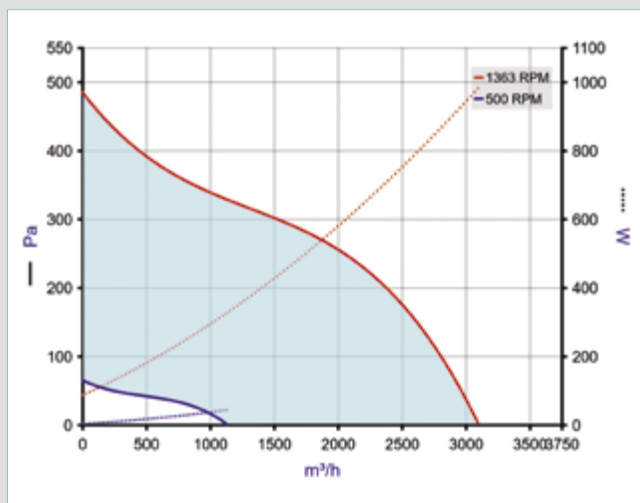
EasyVEC® C4 Standard 700



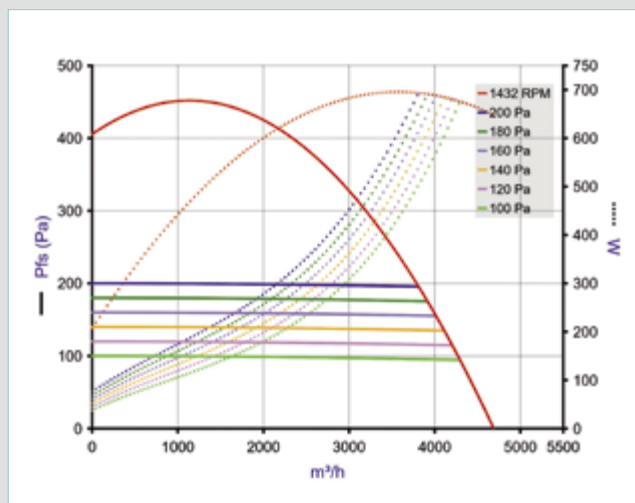
EasyVEC® C4 Standard 1,000



EasyVEC® C4 Standard 1,500



EasyVEC® C4 Standard 2,500



EasyVEC® C4 Standard 4,000

- Aeratic curves established in accordance with standard NF EN ISO 5801.
- P (Pa) = static pressure P (W) = power consumption.

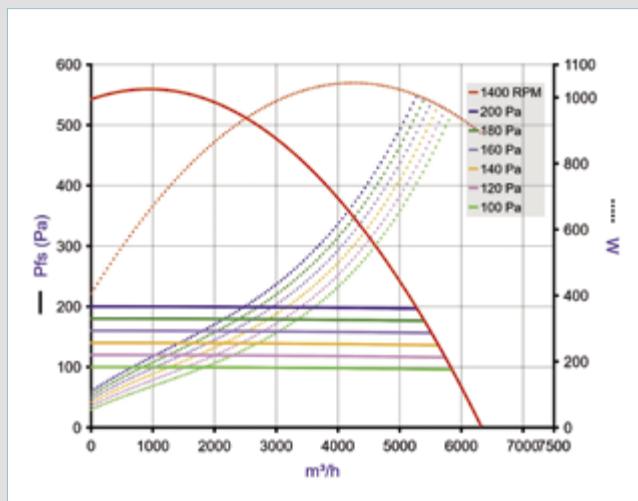
# C4 fire-rated exhaust box fans

EasyVEC® C4 - Standard

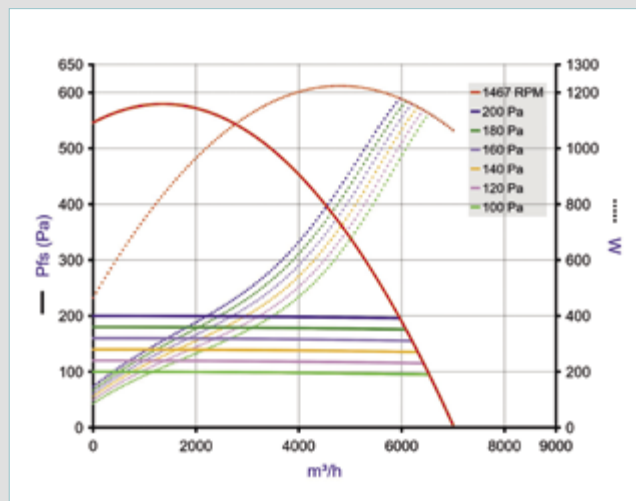


## EasyVEC® C4 standard

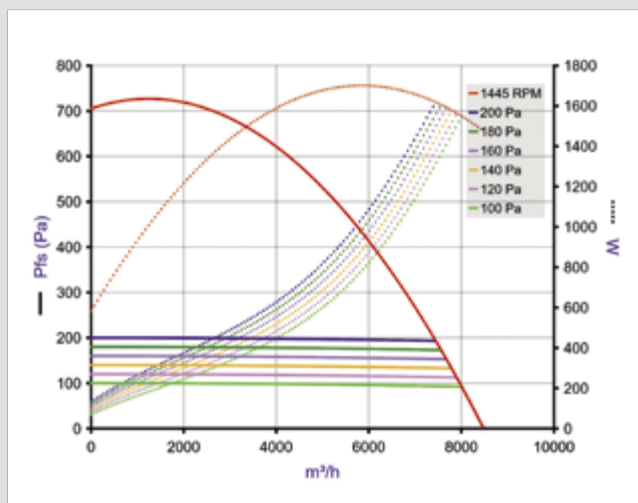
### AEREAULIC CHARACTERISTICS



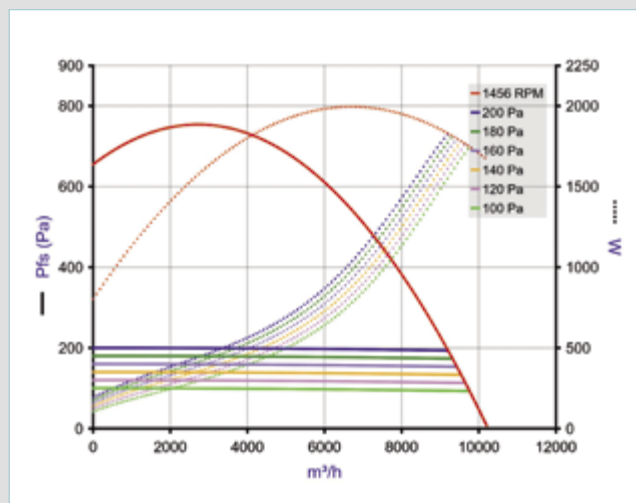
EasyVEC® C4 Standard 5,000



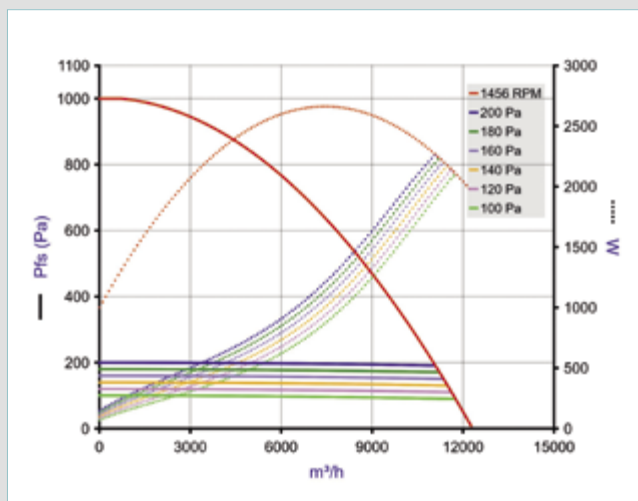
EasyVEC® C4 Standard 6,500



EasyVEC® C4 Standard 8,000



EasyVEC® C4 Standard 10,000

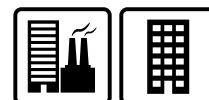


EasyVEC® C4 Standard 12,000

- Aerodynamic curves established in accordance with standard NF EN ISO 5801.
- P (Pa) = static pressure      P (W) = power consumption.

# C4 fire-rated exhaust box fans

## EasyVEC® C4 accessories



## Selection guide

### ACOUSTICS

#### Silencers

Attenuation of fan noise radiated in ductwork.



Models STD MW/MW+	400	700	1,000 - 1,500	2,000	2,500 - 3,000	4,000	5,000 - 6,500 8,000	10,000 12,000
Diameter (mm)	160	250	315	355	400	500	630	710
<b>OCTA</b>	11094633	11094635	11094636	11094637	11094638	11094640	11094641	11094647
<b>OCTA with baffles</b>	-	11094990	11094991	11094992	11094993	11094995	11094997	-

Models PRO/ULTRA/ULTIMATE	400	700	1,000	1,500 - 2,000	2,500 - 3,000	4,000
Diameter (mm)	160	250	200	315	355	400
<b>OCTA</b>	11094633	11094635	11094634	11094636	11094637	11094638
<b>OCTA with baffles</b>	-	11094990	-	11094991	11094992	11094993

#### Insulating feet

These feet separate the box fan from the building structure to reduce the vibrations transmitted to the building (requirement of DTU 68.3). The following table gives the feet available per model of EasyVEC® box fan.



EasyVEC® C4				
Description	Code	Standard	PRO/ULTRA/ULTIMATE	MW/MW+
<b>Pack of anti-vibration mountings</b>	11034385	400	400 - 700	-
	11034386	700 - 1,000 - 1,500 - 2,500	1,000	-
	11034380	4,000	1,500 - 2,000 - 2,500 - 3,000	-
	11034381	-	4,000	-
	11034388	5,000 - 6,500 - 8,000	-	5,000 - 6,500 - 8,000
<b>Pack of 4 elastomer mountings</b>	11094562	10,000 - 12,000	-	10,000 - 12,000

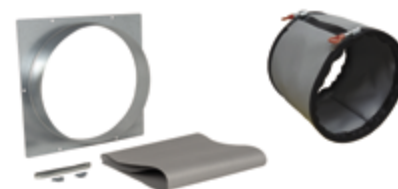
### AERAUCLICS

To separate the box fan from the exhaust ducting (see 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:** usable at air intake, it enables rapid and efficient fastening thanks to its airtight seal.

One sleeve is necessary per air intake connection.

**Flexible discharge sleeve kit + connection:** this kit enables ducting the discharge of the box fan using a connection, a flexible sleeve and its tightening collars.



Models STD	400	700	1 000	1 500	2 000	2 500	3 000	4 000	5 000 6 500 8 000	10 000 12 000
Air intake connection diameter	160	250	315	315	-	400	-	500	630	710
<b>MS PRO flexible sleeve</b>	11094295	11094297	11094298	11094298	-	11094300	-	11094301	11094662	11094663
Discharge connection diameter	160	250	315	315	-	400	-	500	630	710
<b>Flexible discharge sleeve kit + connection</b>	11025062	11025061	11025082	11025082	-	11025084	-	11025070	11025071	11025079
<b>Discharge connection only</b>	11125398	11034629	11034442	11034443	11034443	11034444	11034444	11034445	11034446	11034447

Models PRO / ULTRA / ULTIMATE / MW / MW+	400	700	1 000	1 500	2 000	2 500	3 000	4 000	5 000 6 500 8 000	10 000 12 000
Air intake connection diameter	160	250	200	315	315	355	355	400	630	710
<b>Manchette souple MS PRO</b>	11094295	11094297	11094296	11094298	11094298	11094299	11094299	11094300	11094662	11094663
Discharge connection diameter	250	250	315	355	355	400	400	500	630	710
<b>Flexible discharge sleeve kit + connection</b>	11025061	11025061	11025082	11025083	11025083	11025084	11025084	11038086	11025071	11025079
<b>Discharge connection only</b>	11034629	11034629	11034442	11034443	11034443	11034444	11034444	11034628	11034446	11034447

#### CP2A

This box fan branch connector was developed from an Aldes patent. The airflow characteristics of the CP2A reduce the negative pressure necessary at the fan by 10%. The insulation material incorporates a deflector than can also dampen the noises transmitted to the dwellings.



# C4 fire-rated exhaust box fans

EasyVEC® C4 accessories



## Selection guide

### OTHER ACCESSORIES

#### Pressure switch

Fixed (80 Pa or adjustable 20-300 Pa), it can detect a functioning anomaly, such as a drop in pressure.

The box should be installed inside the ventilation box fan or on the network.

Supplied as full kit, ready for installation. Includes: 2 m of crystal tubing, 2 pressure taps or cable glands and fasteners.



Models	All
<b>Adjustable pressure switch kit for 20-300 Pa</b>	11056440
<b>Fixed pressure switch kit 80 Pa</b>	11056439
<b>Pressure switch timer (recommended in case of wind gusts).</b>	11025012

#### Screened rain hood

Rain hood for horizontal discharge.



STD MW/MW+ models	4,000	5,000 - 6,500 - 8,000	10,000 - 12,000
Description	500	630	710
<b>Screened rain hood</b>	11056374	11056375	11056410

#### Insulation kit

Can soundproof the box fan using a double rock wool skin 25 mm thick. Caution, use of the kit increases the dimensions of the box fan: 26 mm in height and depth and 52 mm in width.

Models	4,000 (STD only)	5,000 - 6,500 - 8,000	10,000 - 12,000
<b>Kit</b>	11034487	11034488	11034489

#### Thermal-magnetic circuit breaker

STD models	400	700	1,000	1,500	2,500	4,000 - 5,000 6,500	8,000 10,000	12,000
Rating	0.4 to 0.6 A	0.63 to 1 A	1.6 to 2.5 A	2.5 to 4 A	4 to 6.3 A	6.3 to 10 A	11 to 16 A	20 to 25 A
<b>Circuit breaker</b>	11056183	11056109	11057052	11057053	11057054	11057055	11057056	11057057

PRO/ULTRA/ULTIMATE models	400	700 - 2000	2,500	3,000	4,000	5,000 6,500	8,000 10,000	12,000
Rating	1 to 1.6 A	2.5 to 4 A	4 to 6.3 A	4 to 6.3 A	6.3 to 10 A	-	-	-
<b>Circuit breaker</b>								

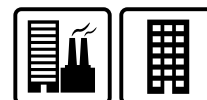
MW/MW+ models	-	-	-	-	-	5,000 6,500	8,000 10,000	12,000
Rating	-	-	-	-	-	6.3 to 10 A	11 to 16 A	20 to 25 A
<b>Circuit breaker</b>	-	-	-	-	-	11057055	11057056	11057057

Description	Reference
<b>Sens CO2 sensor 0-10 V (0-2000 ppm) 24 V</b>	11017090
<b>230 V/24 V transformer for Sens CO2 sensor</b>	11017180
<b>Modbus connection</b>	11034400
<b>AldesConnect® Pro kit including one year subscription</b>	11034920



# C4 fire-rated exhaust box fans

## EasyVEC® accessories



Description	Reference	Discount family
Flexible air intake sleeve Class C		
MS Pro M0 V2 Ø 125 mm	11094660	13
MS Pro M0 V2 Ø 160 mm	11094295	13
MS Pro M0 V2 Ø 200 mm	11094296	13
MS Pro M0 V2 Ø 250 mm	11094297	13
MS Pro M0 V2 Ø 315 mm	11094298	13
MS Pro M0 V2 Ø 355 mm	11094299	13
MS Pro M0 V2 Ø 400 mm	11094300	13
MS Pro M0 V2 Ø 450 mm	11094661	13
MS Pro M0 V2 Ø 500 mm	11094301	13
MS Pro M0 V2 Ø 630 mm	11094662	13
MS Pro M0 V2 Ø 710 mm	11094663	13
Flexible discharge sleeve		
REF MS kit M0 Ø 160 mm	11025063	13
REF MS kit M0 Ø 250 mm	11025065	13
REF MS kit M0 Ø 315 mm	11025066	13
REF MS kit M0 Ø 355 mm	11025069	13
REF MS kit M0 Ø 400 mm	11025067	13
REF MS kit M0 Ø 500 mm	11025068	13
REF MS kit M0 Ø 630 mm	11025077	13
REF MS kit M0 Ø 710 mm	11025080	13
Flexible discharge sleeve + connection		
MS REF.M0 kit + EasyVEC connection T1 Ø160 mm	11025062	13
REF MS kit M0 + EasyVEC STD connection T2 Ø250 mm*	11025061	13
REF MS kit M0 + EasyVEC connection T2 Ø 250 mm	11025081	13
REF MS kit M0 + EasyVEC connection T3 Ø 315 mm	11025082	13
REF MS kit M0 + EasyVEC connection T4 Ø 355 mm	11025083	13
REF MS kit M0 + EasyVEC connection T5 Ø 400 mm	11025084	13
REF MS kit M0 + EasyVEC connection T6 Ø 500 mm	11025070	13
REF MS kit M0 + EasyVEC connection T7 Ø 630 mm	11025071	13
REF MS kit M0 + EasyVEC connection T8 Ø 710 mm	11025079	13
Anti-vibration mountings		
Anti-vibration mountings (pack of 4): Shore 45/4 kg per mounting	11034385	06
Pack of 4 elastomer mountings	11094562	22
Insulating feet (pack of 4)	11034434	09
Screened rain hood		
Female rain hood + grille Ø160 mm	11056101	06
Female rain hood + grille Ø250 mm	11056373	06
Female rain hood + grille Ø315 mm	11058205	06
Female rain hood + grille Ø355 mm	11034435	06
Female rain hood + grille Ø400 mm	11056100	06
Female rain hood + grille Ø500 mm	11056374	06
Female rain hood + grille Ø630 mm	11056375	06
Female rain hood + grille Ø710 mm	11056410	09
Pressure switch kit.		
Pressure switch timer (recommended in case of wind gusts).	11025012	07
Fixed pressure switch kit 80 Pa	11056439	09
Adjustable pressure switch kit for 20-300 Pa	11056440	13
Sound attenuators - OCTA with baffle		
OCTA with baffle 250 + seal	11094990	22
OCTA with baffle 315 + seal	11094991	22
OCTA with baffle 355 + seal	11094992	22
OCTA with baffle 400 + seal	11094993	22
OCTA with baffle 500 + seal	11094995	22
OCTA with baffle 630 + seal	11094997	22

Description	Reference	Discount family
Sound attenuators - OCTA		
OCTA 160 sealed	11094633	22
OCTA 250 sealed	11094635	22
OCTA 315 sealed	11094636	22
OCTA 355 sealed	11094637	22
OCTA 400 sealed	11094638	22
OCTA 500 sealed	11094640	22
OCTA 630 sealed	11094641	22
OCTA 710 sealed	11094647	22
Insulation		
Insulation kit 4,000 STD	11034487	09
Insulation kit 5,000-8,000	11034488	09
Insulation kit 5,000-8,000	11034489	09

## ELECTRICAL ACCESSORIES

Description	Reference	Discount family
Circuit breaker 1.0 to 1.6 A	11056184	07
Circuit breaker 1.6 to 2.5 A	11057052	07
Circuit breaker 2.5 to 4 A	11057053	07
Circuit breaker 4 to 6.3 A	11057054	07
Circuit breaker 6.3 to 10 A	11057055	07
Circuit breaker 11 to 16 A	11057056	07
Circuit breaker 20 to 25 A	11057057	07
Sens CO <sub>2</sub> sensor 0-10 V (0-2000 ppm) 24 V	11017090	12
230 V/24 V transformer for Sens CO <sub>2</sub> sensor	11017180	12
Modbus kit (micro-watt and micro-watt+)	11034400	13
AldeConnect® Pro kit (one year included)	11034920	27

## OPTIONS (FOR ITEMS WITH OPTION CHOICES)

Description	Code
CONFIGURATION 1 - 5,000 to 12,000	ARRGT1
CONFIGURATION 2 - 5,000 to 12,000	ARRGT2
MODBUS	MODBUS
FIXED PRESSURE DROP SWITCH 80 Pa	FIXED
ADJUSTABLE PRESSURE DROP SWITCH	ADJUSTABLE
INSULATION 4,000**	ISOLA
INSULATION 5,000**	ISOLA
INSULATION 6,500**	ISOLA
INSULATION 8,000**	ISOLA
INSULATION 10,000**	ISOLA
INSULATION 12,000**	ISOLA
3-PHASE	TRI
ALDESCONNECT PRO	CONNECT
ANTI CORROSION 400***	PROTEC
ANTI CORROSION 700***	PROTEC
ANTI CORROSION 1000***	PROTEC
ANTI CORROSION 1500***	PROTEC
ANTI CORROSION 2000***	PROTEC
ANTI CORROSION 2500***	PROTEC
ANTI CORROSION 3000***	PROTEC
ANTI CORROSION 4000***	PROTEC

\*\* Excluding EasyVEC® C4 Ultimate, Ultra and Pro versions  
\*\*\*Only for EasyVEC C4 Ultimate

\* For STD only



## Configuration accessories

- Accessories for changing the EasyVEC® C4 (4,000 to 12,000 m³/h) configuration: connections, grilles and plugs (galvanised steel).



EasyVEC® connection



EasyVEC® grille



EasyVEC® male female plug

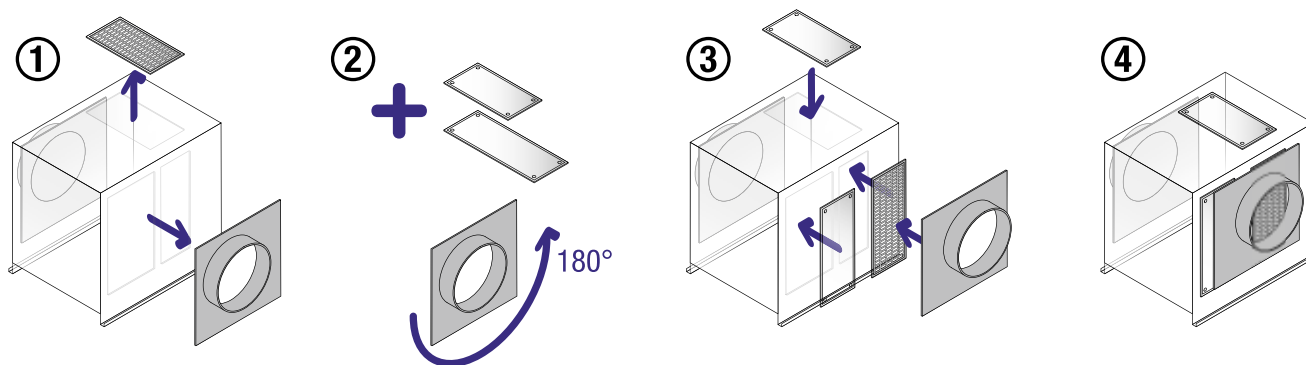


EasyVEC® plug

EasyVEC® model	Reference	Discount family
<b>EasyVEC® connections</b>		
EasyVEC® connection T6 Ø 500 mm	11034445	09
EasyVEC® connection T7 Ø 630 mm	11034446	09
EasyVEC® connection T8 Ø 710 mm	11034447	09
<b>EasyVEC® grilles</b>		
EasyVEC® grille T6 Ø 500 mm	11034448	09
EasyVEC® grille T7 Ø 630 mm	11034449	09
EasyVEC® grille T8 Ø 710 mm	11034450	09
<b>EasyVEC® plenum plugs (intake)</b>		
EasyVEC® plenum plug T6 Ø 500 mm	11034493	09
EasyVEC® plenum plug T7 Ø 630 mm	11034494	09
EasyVEC® plenum plug T8 Ø 710 mm	11034495	09
<b>EasyVEC® plugs (discharge)</b>		
EasyVEC® plug T6 Ø 500 mm	11034438	09
EasyVEC® plug T7 Ø 630 mm	11034439	09
EasyVEC® plug T8 Ø 710 mm	11034440	09
<b>EasyVEC® C4 insulation kit</b>		
EasyVEC® C4 4,000 insulation kit	11034487	09
EasyVEC® C4 5,000/6,500/8,000 insulation kit	11034488	09
EasyVEC® C4 10,000/12,000 insulation kit	11034489	09
<b>Accessories for sizes 1,000 to 3,000 m³/h</b>		
<b>Male Female Plug</b>		
Male female plug Ø 315 mm	11093408	22
Male female plug Ø 355 mm	11093033	22
Male female plug Ø 400 mm	21032471	22

### Sizes 4000 to 12,000 m³/h: change from two side intakes with vertical discharge to an in-line configuration.

Whatever the version, simply close the vertical discharge and swivel the side connection by 180° to make a horizontal discharge. For this, Aldes offers two types of plugs: one to replace the grille present initially at the discharge (at the top of the box fan) and another to fill in the old location of the air intake connection.





## CENTRAL VACUUM CLEANING

Central vacuum units . . . . .	p. 194
Cleaning set . . . . .	p. 200
Ducts and ductwork accessories . . . . .	p. 201
Cleaning accessories . . . . .	p. 203
Vacuum inlets . . . . .	p. 209

## C.Integra

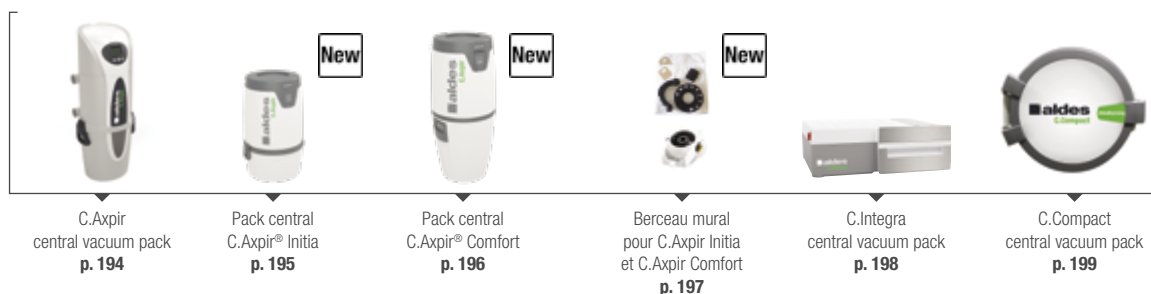
The ultra compact unit which fits everywhere

- Easy to fit: horizontally, under furniture, or vertically, on the wall or in a cupboard.
- Ergonomics: easy access dust bag thanks to the drawer on the front of the machine.
- Discretion and aesthetics: front panel of the unit can be personalised.



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## CENTRAL VACUUM UNITS



## CLEANING SET



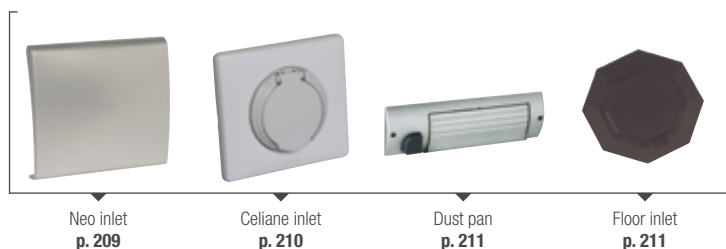
## DUCTS AND DUCTWORK ACCESSORIES



## CLEANING ACCESSORIES



## VACUUM INLETS



## CENTRALIZED VACUUM CLEANERS

### WHY CHOOSE ALDES CENTRAL VACUUM CLEANING SOLUTIONS?

#### Better indoor air quality

With central vacuum cleaning, you are helping to limit allergies and discomfort: The warm suction air, containing dust and allergen particles and sometimes with an unpleasant smell, is evacuated outside the living areas. Central vacuum cleaning therefore protects people with the frailest health.

#### More discretion

With C. Axxpir®, noise pollution becomes a problem of the past: The motor is located outside the living areas (garage, basement, etc.). Contained under furniture or in a cupboard, the C. Integra unit is very discrete.

#### Simpler everyday life

Vacuuming is easier and quicker thanks to the ergonomics from the central vacuum cleaning. Only the suction handle is manipulated. The cyclonic suction of C.Axxpir® units means no more dust bag. Their large capacity tanks offer autonomy up to 1 year.

#### Easier to install

The Aldes click-in system makes the vacuuming and the outdoor discharge systems easy to install and ensures a perfect seal without applying adhesive. With the Aldes ultra-thin ductwork, the vacuuming system snakes through the drywalls to allow the installation of vacuum inlets on interior partition walls.



C.Axpir® Digital



C.Axpir® Comfort



C.Axpir® Initia



C.Compact



C.Integra

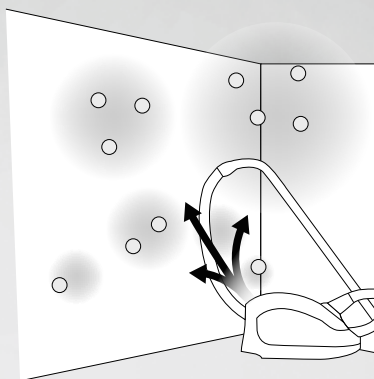


# CENTRALIZED VACUUM CLEANERS

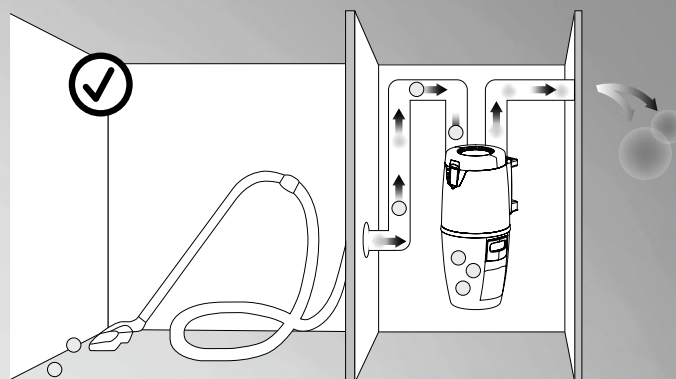
## HOW DOES IT WORK?



Here is what is actually happening during cleaning:

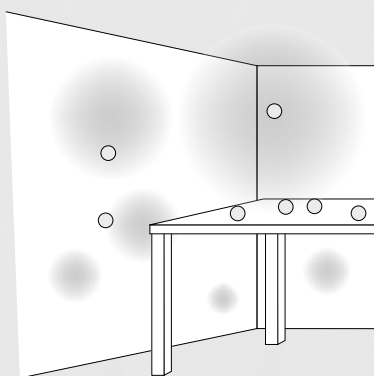


With a canister, a robot or an upright vacuum cleaner, the exhaust air, containing micro-dust and other fine particles causing allergies and respiratory problems, is discharged into the room being cleaned.

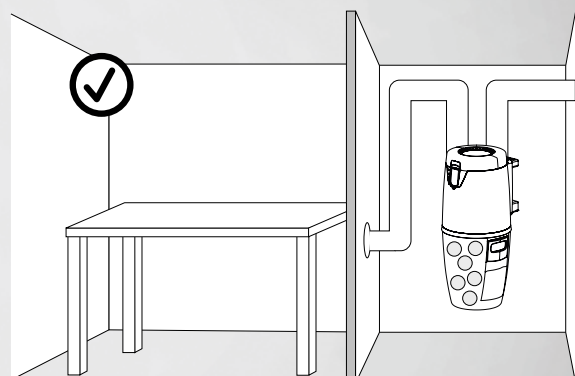


With a central vacuum cleaner, the exhaust air is evacuated in a closed circuit to the central vacuum unit located outside the living space through ductworks. It is then filtered by the central unit and can be discharged outside the home.

**The air quality after cleaning is therefore better with a central vacuum cleaner.**



With a canister, a robot or an upright vacuum cleaner, the air discharge creates turbulence in the room being cleaned, which puts dust and fine particles back into suspension in the air, to the detriment of occupants' health. These particles will eventually settle back.



With a centralized vacuum cleaner, air discharge does not take place in the living space and therefore does not cause particles resuspension and its harmful effects.

**Cleaning is therefore more efficient with a centralized vacuum cleaner.**

**Other notable advantages of centralized vacuuming:**

- **Durability** : Aldes central vacuum cleaners are designed for a minimum life span of 15 years<sup>(1)</sup> while a canister vacuum cleaner has an average life span of only 8 years<sup>(2)</sup>.
- **Performance** : Aldes central vacuum cleaners have a high suction efficiency (up to 740 Air Watts).
- **Versatility** : with their 7.5 m hose and numerous standard cleaning accessories, Aldes centralized vacuum cleaners make it easy and quick to clean not only floors but also walls, ceilings and other surfaces (shelves, sofas, curtains, small objects...) or even car interiors, right down to the last corner.

(1) All Aldes central vacuum cleaners have been designed to withstand over 23,000 start/stop cycles and 800 operating hours, i.e. a minimum of one hour of operation per week for 15 years.

(2) Source : ADEME – <https://www.ademe.fr/etude-duree-vie-equipements-electriques-electroniques>



# RANGE DESCRIPTION - CENTRALIZED VACUUM CLEANERS

Aldes offers a complete range of domestic central vacuum cleaners, which will adapt to each type of housing and to everyone's desires.

## INDIVIDUAL HOUSING

For greater ease of use, C.Aspir® units are all equipped with cyclonic filtration, known for its performance and dispensing from a dust bag. It is possible to add an optional bag for more hygiene.

### C.AXPIR® DIGITAL



#### THE HIGH END APPEALING CENTRAL VACUUM SOLUTION

Characterized by a contemporary design and a limited footprint, C.Aspir® Digital is a high-end control unit.

Its integrated display and its very large tank capacity make it easy to use.

### C.AXPIR® COMFORT



#### THE UNIT OFFERING THE GREATEST COMFORT OF USE

C.Aspir® Comfort is a very comprehensive unit.

It is both elegant and ergonomic thanks to its integrated service inlet, its 360° tank fixing system and its wireless start-stop technology.

### C.AXPIR® INITIA



#### EFFICIENCY WITH SIMPLICITY

C.Aspir® Initia combines efficiency and simplicity in a compact and elegant design.

It has all the features you need to make your daily life easier and healthier to breathe.

## COLLECTIVE HOUSING

Aldes also offers solutions that can be easily integrated into apartments.



C.INTEGRA

### THE MOST COMPACT CENTRAL VACUUM UNIT THAT FITS EVERYWHERE

Contrary to what its small size might let you think, C.Integra is a stand-alone central vacuum unit, intended for apartments.

Very discrete, it is hidden away in a cupboard or under a furniture.



C.COMPACT

### SOLUTION FOR SMALL AREAS

The C.Compact unit has been designed especially for small areas (small house, apartment, caravan, etc.)

Powerful and silent, it is capable of cleaning all types of floors (tiles, fitted carpet).

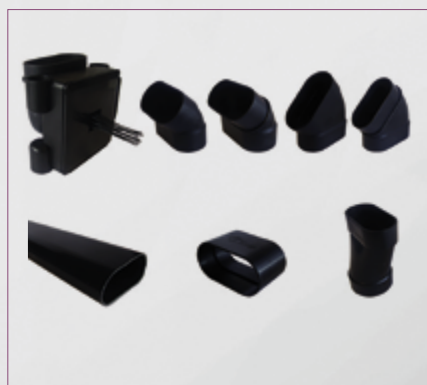
## ACCESSORIES TO MAKE YOUR LIFE EASIER



### **Retractable hose**

With our new generation system, the hose becomes more practical and aesthetic: it slides into the duct by suction in the blink of an eye. Simply pull it from the wall inlet to the desired length before turning on the vacuum cleaner from the wall inlet.

This system is not compatible with C.Aspir® Comfort.



### **Thin ductwork Ø 35 x 70 mm**

The vacuuming system snakes through the drywalls to facilitate vertical passages. Its flat shape makes it easy to fit between the uprights of standard plasterboard.



### **Outdoor discharge**

The external discharge network preserves the quality of indoor air by evacuating the suction air outside the home. To make it easier, Aldes offers a ready-to-install kit comprising ducts, connection accessories, silencer and exhaust vent.



# Central vacuum units

## Domestic central units



### C.Axpir Digital central vacuum pack



#### RANGE

Designation	Reference	Discount family
C.AXPIR DIGITAL + CLEANING SET	11071140	02

#### DESCRIPTION

- Motor 1700 W.
- Hard-wired start control.
- Inlets connected with low voltage electric wires.
- Cyclonic filtration: 28-litre tank capacity (offers 6 months to 1 year of autonomy for normal operation).
- Possible to connect a dust pan.

#### FIELD OF APPLICATION

- Detached houses, new and renovated.
- 70 m from furthest inlet.
- Cleans all types of floors.

#### INSTALLATION

- Garage.
- Equipment room.
- Cellar.

#### ADDITIONAL RANGE ITEMS

- Inlets
- Skirting board dust pan
- Ductwork
- Bag filtration option (11071170)
- Retractable hose system

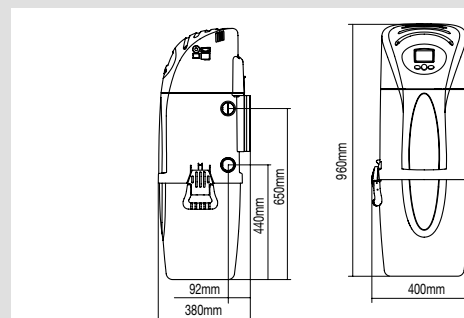
#### PRODUCT ADVANTAGES

- Cyclonic filtration system.
- Special version for large houses.
- Display: indicator showing filter clogging level, tank fill level, maintenance warnings, etc.
- Supplied with cleaning set.

#### COMPLIANCE

- Central unit: WEEE electrical recycling capability.
- CE certified.

#### DIMENSIONS - WEIGHT



- Weight: 16 kg.

#### DETAILS

Max. motor power.	1700 W
Maximum efficiency (suction power)	740 AW
Maximum airflow	289 m³/h
Maximum depression	3100 mm WG
Electric power supply	230 V - 50 Hz single phase
Sound pressure	68 dB(A) at 3 m

#### ACCESSORIES

Description	Quantity
Hose Ø 34 mm - L = 8 m	1
Handle	1
Telescopic brushed stainless steel wand	1
Universal brush	1
Flat upholstery tool	1
Slim upholstery tool	1
Round swivel-head	1
Wooden floor brush	1
Car kit: small turbo brush, flexible upholstery tool	1
Accessory and flexible hose storage bag	1

#### EXAMPLE OF INSTALLATION



# Central vacuum cleaners

## Domestic central vacuum cleaners



### C.Axpir® Initia Central Unit Pack



#### PRODUCT ADVANTAGES

- Compactness
- Cyclonic filtration system without dust bag

#### COMPLIANCES

- Central unit: WEEE electrical recycling capability
- CE certification

#### RANGE

Designation	Reference	Discount family
C.AXPIR® INITIA + CLEANING SET	11071138	02

#### DESCRIPTION

C.Axpir® Initia Central Unit Pack is a central vacuuming solution for the individual home, consisting of a central unit and a set of cleaning accessories.

The C.Axpir® Initia is a cyclonic vacuuming solution with 24V contact start.

Mandatory installation with wall bracket 11071180.

#### MAIN FEATURES

- motor output: 1300 W,
- wired start,
- 24 V socket for connection to dust pan and inlet,
- cyclonic filtration: 14-litre tank (up to 6 months of autonomy in normal use),
- optional dust bag.

#### IMPLEMENTATION

- simplified installation:
  - wall bracket for the connection to the suction and discharge pipes and the 24 V.
- low voltage connection (24V) for the dust pan and suction inlets
- installation of the central unit: garage, technical room, cellar or closet,
- central unit discharge: to be connected to a discharge network leading the stale air to the outside of the house (recommended to preserve the quality of the indoor air).

#### ACCESSORIES

Designation	Reference	Discount family
WALL BRACKET INITIA - COMFORT	11071180	02
SEMI-RIGID DUCT CONNECTION KIT	11071181	02

#### DIMENSIONS (MM) – WEIGHT (KG)

- L x H x P : 375x575x375 mm
- weight : 7 kg

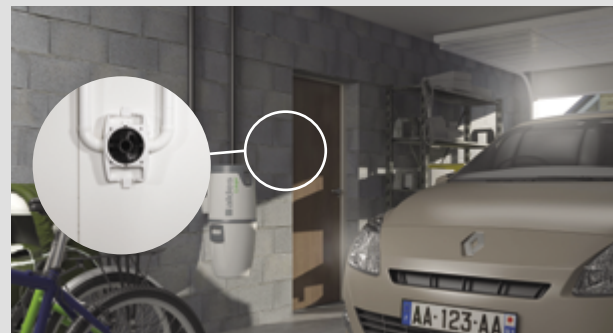
#### DETAILS

Maximum motor power	1300 W
Maximum efficiency (suction power)	520 AW
Maximum airflow	217 m³/h
Maximum negative pressure	2800 WC mm
Power supply	230 V - single-phase - 50 Hz
Sound pressure level	64 dB(A) à 3 m
Distance to the furthest inlet	30 m

#### ACCESSORIES SUPPLIED

Designation	Quantity
Hose Ø 34 mm - L = 7,5 m	1
Handle	1
Telescopic wand	1
All floors brush	1
Flat nozzle	1
Upholstery tool	1
Round swivel-head	1
Flexible hose rack	1

#### EXAMPLE OF INSTALLATION



# Central vacuum cleaners

## Domestic central vacuum cleaners



### C.Aspir® Comfort Central Unit Pack



#### RANGE

Designation	Reference	Discount family
C.AXPIR® COMFORT + CLEANING SET	11071139	02

#### DESCRIPTION

C.Aspir® Comfort Central Unit Pack is a wireless central vacuuming solution for the individual home, consisting of a central unit and a set of cleaning accessories. The C.Aspir® Comfort central pack is a cyclonic central vacuum cleaner with Aldes' patented wireless start/stop system: just shake the hose to start the central unit and press the stop button on the handle to stop it. Mandatory installation with wall bracket 11071180.

#### MAIN FEATURES

- motor output 1600 W,
- sonis wireless start and stop,
- 24 V socket for connection to dust pan
- integrated service socket,
- cyclonic filtration: 20-litre tank (up to 8 months of autonomy in normal use) with 360° connection,
- optional dust bag.

#### IMPLEMENTATION

- simplified installation:
  - wireless connection between the central unit and the inlet
  - wall bracket for the connection to the suction and discharge pipes and the 24 V.
- low voltage connection (24V) for the dust pan
- installation of the central unit: garage, technical room, cellar or closet, central unit discharge: to be connected to a discharge network leading the stale air to the outside of the house (recommended to preserve the quality of the indoor air).

#### ACCESSORIES

Designation	Reference	Discount family
WALL BRACKET INITIA - COMFORT	11071180	02
SEMI-RIGID DUCT CONNECTION KIT	11071181	02

#### PRODUCT ADVANTAGES

- Simplified installation: no wire between the central unit and the inlet
- Cyclonic filtration system without dust bag
- Service inlet

#### COMPLIANCES

- Central unit: WEEE electrical recycling capability
- CE certification

#### DIMENSIONS (MM) – WEIGHT (KG)

- L x H x P : 345x780x345 mm
- weight : 8,5 kg

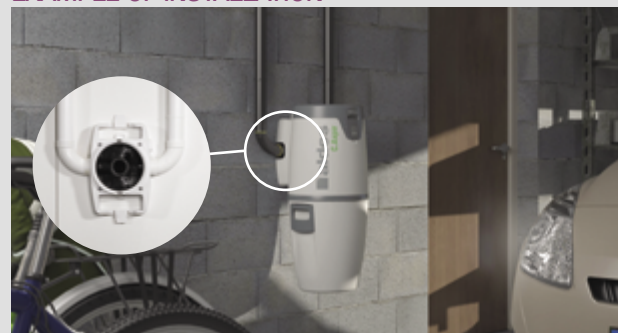
#### DETAILS

Maximum motor power	1600 W
Maximum efficiency (suction power)	680 AW
Maximum airflow	230 m³/h
Maximum negative pressure	3000 WC mm
Power supply	230 V - monophasée - 50 Hz
Sound pressure level	64 dB(A) à 3 m
Distance to the furthest inlet	45 m

#### ACCESSORIES SUPPLIED

Designation	Quantity
Hose Ø 34 mm - L = 7,5 m	1
handle with stop valve	1
Telescopic wand	1
All floors brush	1
Flat nozzle	1
Upholstery tool	1
Round swivel-head	1
Floor brush	1
Car set = small turbo brush + flexible upholstery tool	1
Stowage bag	1

#### EXAMPLE OF INSTALLATION





### Wall bracket for C.Axpir® Initia and C.Axpir® Comfort



#### RANGE

Designation	Reference	Discount Family
Berceau mural Initia-Comfort	11071180	02

#### DESCRIPTION

Wall bracket to attach and connect C.Axpir® Initia and C.Axpir® Comfort units to the suction and discharge systems, a mandatory installation accessory.

#### FIELD OF APPLICATION

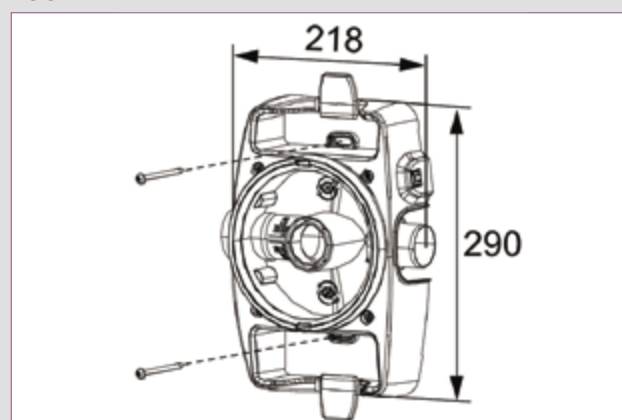
Application :

- The wall bracket is used to attach C.Axpir® Initia and C.Axpir® Comfort units and to connect them to the 24 V supply wiring and to the suction and discharge systems.

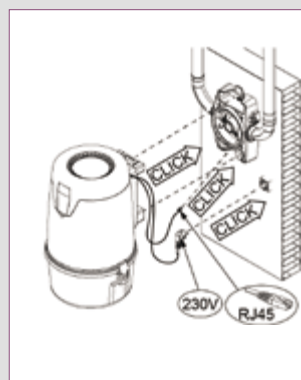
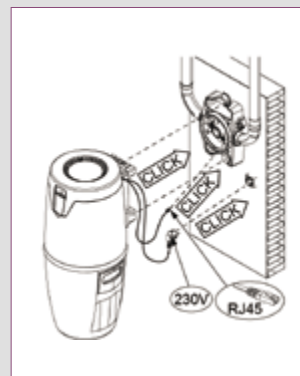
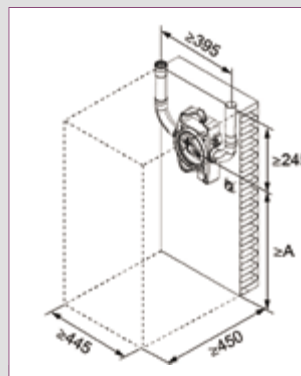
Description :

- The wall bracket is quickly installed,
- Suction and discharge can be placed in either direction to suit the configuration of the installed ducts.
- The unit is solidly attached to the wall by simply clipping it onto the wall.
- The 24 V connection is easily made using a connector.

#### FOOTPRINT



#### WALL BRACKET INSTALLATION



The wall bracket is a mandatory accessory to install C.Axpir® Initia and C.Axpir® Comfort.

# Central vacuum units

## Domestic central units



## C.Integra central vacuum pack



### RANGE

Designation	Reference	Discount family
C.INTEGRA + CLEANING SET	11071142	02

### DESCRIPTION

- Motor 1100 W.
- Hard-wired start control.
- Inlets connected with low voltage electric wires.
- Bag filter for improved hygiene: 4-litre capacity (offers 1 month autonomy for normal operation).
- Easy access to dust bag thanks to the drawer on the front of the machine.
- For perfect aesthetic integration, the front panel of the unit can be personalised. Two colours available: white and brushed stainless steel.
- Possible to connect a dust pan.

### FIELD OF APPLICATION

- Apartments, detached houses, new and renovated.
- Surface area up to 150 m<sup>2</sup>, 50m from furthest inlet.
- Cleans all types of floors.

### INSTALLATION

- Garage.
- Equipment room.
- Cellar.
- Can be installed both horizontally, under furniture, or vertically, on the wall or in a cupboard.

### ADDITIONAL RANGE ITEMS

- Inlets.
- Skirting board dust pan.
- Ductwork.
- Retractable hose system.

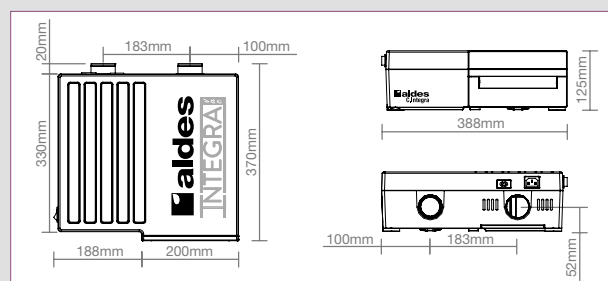
### PRODUCT ADVANTAGES

- **Easy to fit:** horizontally, under furniture, or vertically, on the wall or in a cupboard.
- **Ergonomics:** easy access dust bag thanks to the drawer on the front of the machine.
- **Discretion and aesthetics:** front panel of the unit can be personalised.

### COMPLIANCE

- Central unit: WEEE electrical recycling capability.
- CE certified.

### DIMENSIONS - WEIGHT



- Weight: 10 kg.

### DETAILS

Max. motor power.	1100 W
Maximum efficiency (suction power)	400 AW
Maximum airflow	162 m <sup>3</sup> /h
Maximum depression	2700 mm
Electric power supply	230 V - 50 Hz single phase
Sound pressure	63 dB(A) at 3 m

### ACCESSORIES

Description	Quantity
Hose Ø 34 mm - L = 8 m	1
Handle	1
Telescopic brushed stainless steel wand	1
Universal brush	1
Flat upholstery tool	1
Slim upholstery tool	1
Round swivel-head	1
Wooden floor brush	1
4-litre bag	5
Accessory and flexible hose storage bag	1

### EXAMPLE OF INSTALLATION





# Central vacuum units

## Domestic central units



## C.Compact central vacuum pack



### RANGE

Designation	Reference	Discount family
C.Compact central unit + cleaning set	11071132	02

### DESCRIPTION

- Motor output: 1300 W.
- 24 V socket for connection to dust pan.
- Features bag filter for improved hygiene: 10-litre capacity (offers 6 months of normal operation).
- Optional HEPA filter.

### FIELD OF APPLICATION

- Collective dwelling: maximum surface area: 90 m<sup>2</sup>.
- Cleans all types of floors (tiles, carpets)

### INSTALLATION

- Closet.
- Laundry room.
- Garage.

### ADDITIONAL OFFERS

#### INLETS

- See pages 163 to 165.

#### DUST PAN

- See pages 165.

#### DUCTWORK

- See pages 156.

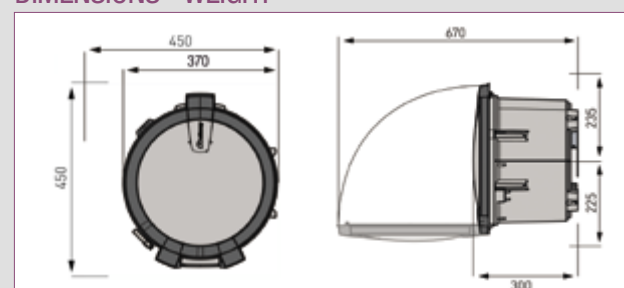
### ADVANTAGES

- Powerful and silent.
- Hygienic: microfibre bag.
- Multi-purpose (apartment, small house, caravan, ...).
- Small footprint.

### COMPLIANCE(S)

- Central unit: WEEE electrical recycling capability.
- CE certified.

### DIMENSIONS - WEIGHT



- Weight : 10,6 kg.

### DETAILS

Max. motor power.	1300 W
Maximum efficiency (suction power)	550 AW
Maximum negative pressure	2,900 mm WG
Power supply	230 V - single-phase - 50 Hz
Sound pressure level	58 dB at 3 m

### ACCESSORIES KIT SUPPLIED WITH THE CENTRAL UNIT

Designation	Quantité
Hose Ø 34 mm - L = 8 m	1
Flexible hose bracket	1
Plastic handset	1
Aluminium telescopic wand	1
Mixed brush 30 cm	1
Slim upholstery tool	1
Soft-bristled brush	1
10 litre filter bag	1

### EXAMPLE OF INSTALLATION



# Cleaning set

## Domestic cleaning set



## Additional cleaning sets



Set C.Power



Set C.Integra

### RANGE

Designation	Reference	Discount family
Car Cleaning Set	11071091	02
C.Power Cleaning Set	11071092	02
C.Booster/C.Cleaner Cleaning Set	11071093	02
Set C.Integra	11071162	02
Cleaning Set Accessories for C.Aspir wired	11071160	02

### DESCRIPTION

- Full cleaning tool kits supplied with stowage bag.
- The accessories are delivered in a stowage bag with a built-in hook to stow the hose.

### OTHER SETS



Set Voiture



C.Booster/C.Cleaner Cleaning Set

### CONTENTS OF KITS

Composition	Set C.Cleaner	Set C.Power	Set C.Aspir Digital	Set C.Integra	Set Voiture
Hose Ø 34 mm - L = 7,50 m	1	1			
Hose Ø 34 mm - L = 7,50 m + handle + ringed end piece					
Hose Ø 34 mm - L = 8 m			1	1	
C.Power control handset		1			
Control handset C.Booster/C.Cleaner	1				
PSmall start/stop handset cordless	1	1			
Handset C.Aspir / C.Integra			1	1	
Metal telescopic wand L = 0.5 m to 1 m					
Inox telescopic wand L = 0.5 m to 1 m	1	1	1	1	
All floors brush	1	1	1	1	
Floor brush	1	1	1	1	
Flat upholstery tool	1	1	1	1	
Slim upholstery tool	1	1	1	1	
Round swivel head brush	1	1	1	1	
Small Turbo brush			1		1
Flexible upholstery tool			1		1
Accessory connection ring	1	1			
30 litre bag	2	2			1
Box of Net-Pipe cloths		1			1
Stowage bag	1	1	1	1	1



### Installation kit for retractable hose system



#### RANGE

Designation	Reference	Discount family
Installation kit for retractable hose system (for drywalls)	11071040	<b>02</b>
Installation kit for retractable hose system (for brick walls)	11071041	<b>02</b>

#### DESCRIPTION

- With the Aldes retractable hose system, the hose is more practical: hidden in the vacuum duct, it is just pulled out to the required length before vacuuming.
- The system is supplied in kit form, including: vacuum inlet, mounting plate, anti-static vacuum duct bars, long bend (90°, 45° and 22.5°), F-F connection sleeve, fastening collars, handle, hose with screw-fit cap.

#### FIELD OF APPLICATION

- Special central vacuum cleaning.
- This system is compatible only for wired central vacuum units C.Aspir® Digital, C.Aspir® Initia, C.Integra et C.Compact.

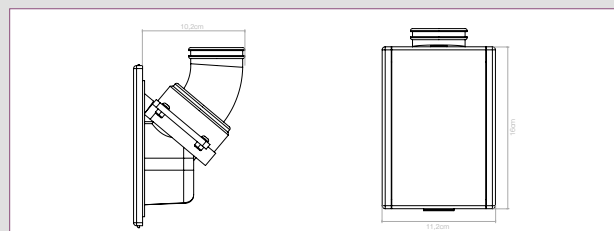
#### PRODUCT ADVANTAGES

- **Ergonomics and discretion:** once you've finished with the vacuum, the hose is slid back into the duct (with the suction power of the CVC unit) in a blink of the eye.
- **Frees up movement:** 12-metre hose.

#### CONTENTS OF KITS

Description	Kit dry riser partition	Kit brick walls
Vacuum inlet (white)	1	1
Mounting plate for drywalls	1	-
Mounting plate for brick walls	-	1
Anti-static vacuum duct bar: 1.5 m, Ø 51 mm	10	10
Long bend 90°	3	3
Long bend 45°	2	2
Long bend 22.5°	2	2
F-F connection sleeve	5	5
Fastening collar	10	10
Handle	1	1
Hose with screw-fit cap (12 m - can be cut to length)	1	1

#### ENCOMBREMENT (cm)



Prise d'aspiration pour système rétractable

#### EXAMPLE OF INSTALLATION



### System kit and sockets for drywall vertical passage



#### DESCRIPTION

Thin network that allows to complete an installation made in a classic 51 mm network in order to install a vacuum inlet on an interior partition, discreetly.

##### System kit:

- Material: PVC.
- Diameter: 32x70 mm.
- Integration in standard wall to facilitate totally discrete vertical passages.

##### Sockets:

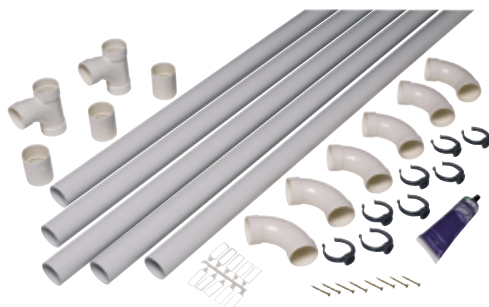
- Wall socket compatible only with the mating connector in the vertical passage kit 11071060.
- Socket with 24 V contact.

#### RANGE

Description	Reference	Discount family
Flexible wall vertical passage kit	11071060	<b>02</b>
White socket for drywall vertical passage kit	11071061	<b>02</b>
Aluminium socket for drywalls vertical passage kit	11071062	<b>02</b>



### T series network kit



#### ADVANTAGES

- The aeraulic properties ensure:
  - efficient dust transport (speed of dust >110 km/h),
  - low pressure losses.
- Ideal for pre-installation.

#### RANGE

Designation	Reference	Discount family
Plastic plug Ø 51 mm	11070238	02
Duct Ø 51 mm - L = 2.50 m	11070242	02
45° bend Ø 51 mm F/F	11070234	02
90° bend Ø 51 mm F/F	11070361	02
T series kit for additional inlet	11070355	02
T series kit for 2 inlets	11070253	02
T series kit for 3 inlets	11070231	02
Set of 3 tubes of PVC adhesive	11070241	02
Bag of 20 lyre collars Ø 51 mm + screws	11070255	02
Connector sleeve Ø 51 mm	11070237	02
Adapter part Ø 44/ Ø 50-51 mm	11070174	02
T-piece 90° Ø 51 mm F/F/F	11070211	02

#### DESCRIPTION

- Material: PVC.
- Diameter: 51 mm.

#### FIELD OF APPLICATION

- Special central vacuum cleaning.

#### INSTALLATION

- Penetration via attic, false wall or under slab.

#### CONTENTS OF KITS

Composition	T Series 3 inlets	T Series 2 inlets	T Series 1 inlet
Barre de conduit Ø 51 mm - L = 2,50 m	7	5	3
Collier Ø 51 mm + vis	10	8	6
Coude 90° Ø 51 mm - F/F	9	6	3
Té 90° Ø 51 mm - F/F/F	3	2	1
Manchon raccord	4	3	2
Tube de colle	1	1	1

#### ACCESSORIES

Designation	Reference	Discount family
Flexible connector sleeve Ø 50 mm - L = 0.20 m (connection to the Central Unit)	11070048	02
Semi-rigid pipe Ø 44/50 - L = 25 m (ideal when passing under slabs)	11070049	02
Dry partition pipe Ø 44 mm - L = 0.60 m	11070177	02
Dry partition pipe Ø 44 mm - L = 2.40 m	11070199	02

### Clippable system kit diameter 44 mm



#### DESCRIPTION

The 44 mm clip-on network kit is an assortment of suction and accessories for creating a complete suction ductwork without gluing for 3 inlets or for 1 inlet, can be integrated into a standard interior partition.

- Material: PVC.
- Diameter: 44 mm.
- Adhesive-free mounting through built-in sealing gasket.
- Incorporation in flexible walls thanks to 44 mm outside diameter.

#### RANGE

Description	Reference	Discount family
Clippable system kit Ø 44 mm for 1 socket	11071030	02
Clippable system kit Ø 44 mm for 3 sockets	11071031	02

# Cleaning accessories

## Domestic cleaning accessories



### All floors brush



#### DESCRIPTION

- Brush for carpets, rugs, hard floors.
- Thanks to its two positions, the all-floor brush makes it possible to effectively clean all soil types.
- The wheels placed at the back facilitate its handling.

#### RANGE

Designation	Reference	Discount family
All floor brush	11070337	02

### Twinett™ brush



#### DESCRIPTION

- Brush designed for vacuuming and washing in a single gesture.
- Supplied with a pack of 15 Twinett™ wipes.

#### RANGE

Designation	Reference	Discount family
Pack of 15 Twinett™ wipes.	11070001	02
Twinett™ brush + wipes	11070285	80

### Turbo brush



#### DESCRIPTION

- Uses the force of the airflow to make the brush roller turn.
- Enables thorough cleaning to be carried out.
- For fitted carpets and rugs.

#### RANGE

Designation	Reference	Discount family
Turbo brush	11070050	02

### Small Turbo brush



#### DESCRIPTION

- For cleaning rugs and sofas.
- Optimum ease of use.

#### RANGE

Designation	Reference	Discount family
Small Turbo brush	11170424	02



# Cleaning accessories

## Domestic cleaning accessories



### Floor brush



#### DESCRIPTION

##### DESCRIPTION

- Well adapted for careful cleaning and respect of parquet floors.
- Equipped with:
  - 2 rows of brushes, of which 1 is notched, for thorough cleaning,
  - 2 felt rollers to respect the floors.

#### RANGE

Designation	Reference	Discount family
Floor brush	11170526	<b>02</b>

### Operating handle



#### ADVANTAGES

- Ergonomic handle: two handles in one.
- For cleaning difficult areas.

#### DESCRIPTION

##### 11071098 and 11071099 handles:

- Start up the vacuum cleaner by unfolding the flexible hose and shaking it (low frequency wave).
- Wireless starting system patented by Aldes.
- Push the grey button to stop the vacuum cleaner.

##### 31042064 Vacuum handle

- Vacuum handle (spare) for C.Aspir Comfort.

#### RANGE

Designation	Reference	Discount family
C.Power operating handle	<b>11071098</b>	<b>80</b>
C. Booster/ C. Cleaner operating handle	<b>11071099</b>	<b>80</b>
Vacuum handle (spare) C.Aspir Comfort	31042064	<b>02</b>

### Shut-off valve for wireless unit



#### DESCRIPTION

- Shut-off valve for Sonis wireless start-up unit (C.Cleaner, C.Booster, C. Power, C. Aspir® Comfort)
- The shut-off valve fits directly on the C.Cleaner / C.Booster / C.Power handles.
- To adapt the shut-off valve to the handle supplied with the C. Aspir Comfort unit, use the C. Aspir 11101343 connection ring.
- To adapt a small brush directly to the shut-off valve, whatever the wireless central vacuum, use the small handle connection ring 11071088.

#### RANGE

Designation	Reference	Discount family
Shut-off valve	11001341	<b>80</b>

### Small handle adaptor ring connector for shut-off valve



#### DESCRIPTION

- 11071088: Ring for directly connecting the accessories of cleaning such as the round ball joint brush, the clothes brush or the fine nozzle at the shut-off valve (11101343 or 11071097)
- 11101343: Ring used to connect the Sonis shut-off valve (11101341) to the handle C. Aspir Comfort (31042064)

#### RANGE

Designation	Reference	Discount family
Small handle adaptor ring connector	<b>11071088</b>	<b>80</b>
Small handle adaptor ring connector shut-off valve	11101343	<b>80</b>

# Cleaning accessories

## Domestic cleaning accessories



### 3 Accessories kit



#### DESCRIPTION

##### Round swivel-head:

- For cleaning smooth, fragile or easily scratched surfaces (e.g. televisions).

##### Flat nozzle:

- For cleaning lights, curtains, armchairs, inside the car, etc.

##### Upholstery tool:

- For cleaning skirting boards, corners, inaccessible surfaces, inside the car, etc.

#### RANGE

Designation	Reference	Discount family
3 Accessories kit	11070505	02

### Flexible upholstery tool



#### DESCRIPTION

- For tight passages: car seats etc.

#### RANGE

Designation	Reference	Discount family
Flexible upholstery tool	11170421	80

### Telescopic metal wand



#### DESCRIPTION

- L = 0.50 to 1 m.
- To be connected up between the handle and the brush.

#### RANGE

Designation	Reference	Discount family
Telescopic chrome-plated steel wand	11070083	02
Telescopic stainless steel wand	11071095	80
Telescopic aluminum wand black varnished	31042066	02

### Flexible hose rack



#### DESCRIPTION

- Metal support attached to the wall enabling the flexible hose to be stored away by winding it around the rack.

#### RANGE

Designation	Reference	Discount family
Flexible hose rack	11070070	02

# Cleaning accessories

## Domestic cleaning accessories



### Flexible hose



#### DESCRIPTION

- Ø 34 mm - L = 7,50 m.
- For use with wireless operating handles.

#### RANGE

Designation	Reference	Discount family
Flexible hose 7,50 m	11070072	02

### Dooble flexible hose with operating handle



#### DESCRIPTION

- Ø 34 mm - L = 7,50 m.
- Flexible hose fitted with a ring nozzle.
- Handle glued to the flexible hose.
- The vacuum cleaner is started up by connecting the flexible hose to a vacuum inlet.

#### RANGE

Designation	Reference	Discount family
Poignée plastique de rechange	11070076	80
Flexible 7,50 m + poignée + embout bagué (for Dooble)	11070381	80

### Hose protection sheath



#### DESCRIPTION

- Ø 34 mm - L = 7,50 m.
- «Sock» type sheath to protect furniture against flexible hose shocks.

#### RANGE

Designation	Reference	Discount family
Hose protection sheath	11070059	02

### Flexible hose extension



#### DESCRIPTION

- Ø 34 mm - L = 2.50 m.
- Extension for hard-wired and wireless flexible hoses.
- To be connected up between the vacuum inlet and the hose.

#### RANGE

Designation	Reference	Discount family
Flexible hose extension	11070079	02



### Storage bag



#### DESCRIPTION

##### Ergonomically designed bag with:

- An inner pocket for storing the brushes and small nozzles.
- An integrated hook so the flexible hose can be rolled up.
- Can be fixed to the wall.
- Easy to transport and to store away.

#### RANGE

Designation	Reference	Discount family
Stowage bag	11170818	02

### Outdoor discharge kit + boxes + filters



#### DESCRIPTION

##### Outdoor discharge kit :

- Kit designed to discharge the exhaust air to the exterior of the house.
- Recommended for cases where the Central Unit is installed in a room of less than 6 m<sup>3</sup>.
- C.Cleaner/ C.Booster/ C.Power/ C.Dooble Central Units:
  - For outdoor air discharge, use the kit 11071087,
  - For silent outdoor air discharge, use the kits 1071087 + 11070093 (Prohibited with C.Cleaner).

##### Discharge boxes:

- Recommended for free discharge.
- Can provide extra effective filtering of the exhaust air.

##### Discharge filters:

- Spare filters for discharge boxes C.Aspir and C.Integra.

##### Outdoor discharge ductwork kit :

- Allowing the air to be forced out of the house.
- For outdoor discharge, use kit 11071182.

##### Semi-rigid connector kit:

- Allows the unit to be connected to the inlet and delivery ducts without difficulty.

#### RANGE

Designation	Reference	Discount family
Outdoor discharge ductwork kit	11071182	02
Semi-rigid connector kit /	11071181	02
C.Aspir Digital discharge box	11071172	80
C.Integra discharge box	11071174	80
C.Integra discharge filter	11071175	02
C.Aspir Digital discharge filters	11071173	02

### Liquids suction kit

#### DESCRIPTION

- Kit designed to suck up liquids, even in large quantities.
- It comprises:
  - a tank,
  - a flexible hose of 2.50 m,
  - an elbow bend handle,
  - 2 plastic tubes L = 0.50 m x 2,
  - a liquid scraper.



#### RANGE

Designation	Reference	Discount family
Liquids suction kit	11070085	02



### Spare bag and filters



#### DESCRIPTION

##### C.Axpir Digital unit:

- Contents: 28 litres.
- Life: 6 to 12 months in normal use (depending on use).
- When installing for the first time, order kit 11071170 comprising:
  - 1 fixing kit formed of two plastic parts.
  - 3 dust bags.

##### C.Axpir® Comfort / C.Axpir® Initia unit:

- Capacity: 16 liters maximum (depending on tank capacity)
- Battery life: 6 months to 1 year in normal use (depending on use).
- During a first installation, order kit 11071184 including:
  - 1 hanging kit made up of 3 plastic parts,
  - 2 dust bags.

##### C.Integra unit:

- Contents: 4 litres.
- Life: 1 to 2 months in normal use (depending on use).

##### C.Booster / C.Cleaner / C.Dooble / C.Power units :

- Dust filter bag manufactured with a specific polyester fabric, certified by the French Test Laboratory Cetiat.
- It is tear- and humidity-resistant.
- Efficiency: 95 % of particles larger than 1.5 microns.
- Autonomy: 6 months (depending on use).
- Compatible with all Aldes Central Units.
- Delivered with secondary filters.

##### C.Compact unit :

- Contents : 10 litres.
- Autonomy : 6 months (depending on use).
- Sac en microfibre multi-couches, filtre efficacement les micro poussières.

##### C.Smaller unit :

- Contents : 12 litres.
- Autonomy : 6 months (depending on use).

#### RANGE

Designation	Reference	Discount family
Fixing kit for C.Axpir Digital bag + 3 bags	11071170	80
Set of 3 C.Axpir Digital dustbags	11071171	02
Fixing kit for C.Axpir Initia and C.Axpir Comfort bags + 2 bags	11071184	02
Set of 2 bags C.Axpir Initia and C.Axpir Comfort	11071185	02
Cyclonic filter C.Axpir Initia and C.Axpir Comfort	11071183	02
Set of 5 C.Integra dustbags	11071176	02
30 L spare filter bag	11070084	02
12 L spare filter bag (Compact Central Unit)	11070095	02

### Aspi-Net Wipes



#### DESCRIPTION

- For the pipework and accessories.
- Cleaning of the pipe ductwork is carried out by sucking up the wipe.
- Disinfectant and bactericidal action.

#### RANGE

Designation	Reference	Discount family	Packing
Box of 120 wipes	11091079	02	12

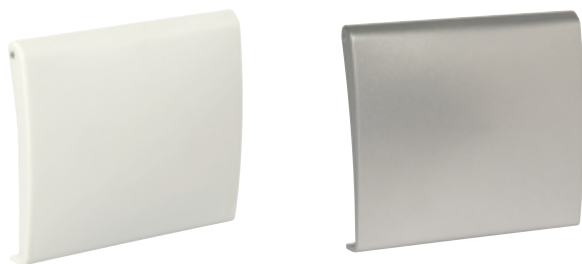


# Vacuum inlets

## Domestic vacuum inlets



### Neo wall inlet



#### ADVANTAGES

- *Aesthetic: modern and discrete design.*
- *Practical: possible upward- or downward-facing opening.*
- *Smooth face plates for easy cleaning.*
- *2 colours: white and aluminium grey.*

#### RANGE

Designation	Reference	Discount family	Packing
Universal mounting bracket (A + B)	11070061	02	25
<b>INLET WITH CONTACTS (C.Dooble, C.Dyvac, C.Compact, C.Smaller, C. Integra, C. Axxir Digital)</b>			
Wired white Neo inlet	11071111	02	50
Wired aluminium Neo inlet	11071115	02	50
<b>CONTACTLESS INLET (C.Power, C.Booster, C.Cleaner)</b>			
White Neo inlet	11071110	02	50
Aluminium Neo inlet	11071114	02	50

#### DESCRIPTION

- Single-block wall inlet with or without an electrical connection.
- 2 colours: white and aluminium grey
- Overall dimensions: 90 x 82 mm;

#### FIELD OF APPLICATION

- Wall inlet compatible with Aldes central vacuum cleaning installations.

#### INSTALLATION

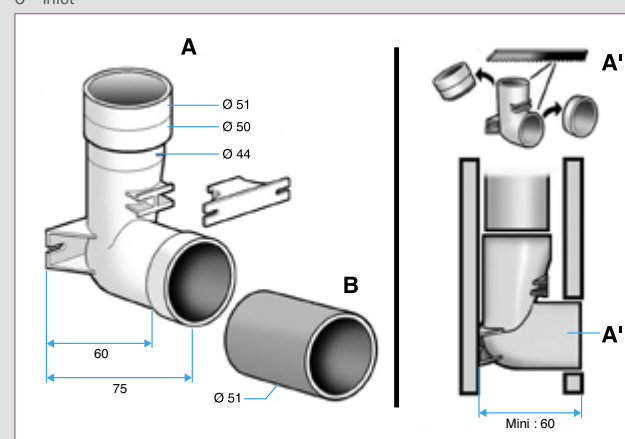
- Mounted on solid walls, cupboards and dry lining walls.
- Fit one inlet for every 50 m<sup>2</sup> approximately.
- Connection: Ø 51 mm, Ø 50 mm or Ø 44 mm with the universal mounting bracket.
- Installation possible at same height as electrical socket or switch, with inlet opening facing up or down.

#### DIMENSIONS (mm)

A - Mounting bracket

B - Connector

C - Inlet



# Vacuum inlets

## Domestic vacuum inlets



### Celiane Wall Inlet



#### RANGE

Designation	Reference	Discount family	Packing
Universal mounting bracket (A + B)	11070061	02	25
<b>INLET WITH CONTACTS (C.Dooble, C.Dyvac, C.Compact, C.Smaller, C. Integra, C. Axxir Digital)</b>			
White Celiane Inlet + contact (C + D + E)	11070112	02	50
Celiane hard-wired mounting bracket (A + B + F)	11070116	02	30
<b>CONTACTLESS INLET (C.Power, C.Booster et C.Cleaner)</b>			
White Celiane mechanism + mounting bracket (A + B + C + D)	11070113	02	30
Celiane mechanism in titanium + mounting bracket (A + B + C + D)	11070114	02	30
White Celiane aesthetic Plate (E)	11070115	02	100
White Celiane Inlet (C + D + E)	11070111	02	50

#### DESCRIPTION

- Wall inlet with or without an electrical connection.
- Mechanism: white or titanium in colour.
- Celiane aesthetically designed plate: white.
- Other colours and finishes for the aesthetically designed surround plate: ask your installer or Legrand distributor.

#### FIELD OF APPLICATION

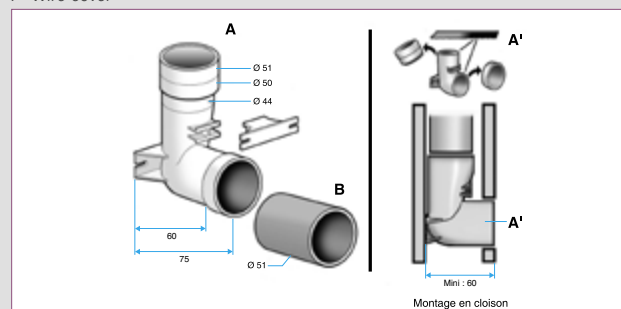
- Wall vacuum inlet, compatible with Aldes central vacuum cleaning installations.

#### INSTALLATION

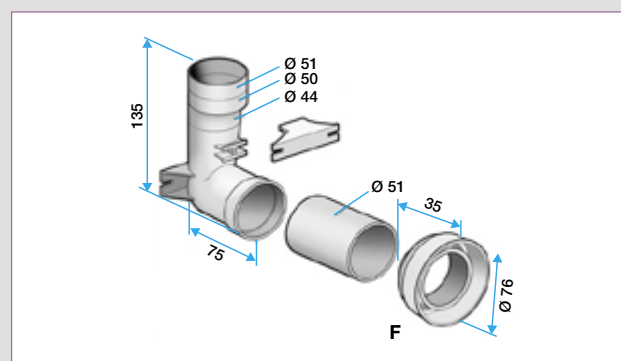
- Mounted on the periphery of walls, in cupboards or in dry partitions.
- Fit one inlet for every 50 m2 approximately.
- Connection: Ø 51 mm, Ø 50 mm or Ø 44 mm with the universal mounting bracket.

#### DIMENSIONS (mm)

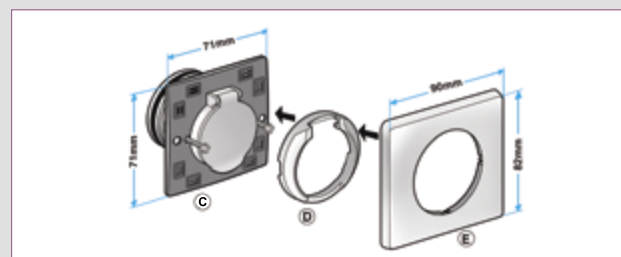
- A – Mounting bracket
- B - Connection
- C - Mechanism and trim
- D - Aesthetic surround ring
- E - Aesthetic surround plate
- F - Wire cover



Universal mounting bracket



Celiane hard-wired mounting bracket



# Vacuum inlets

## Domestic vacuum inlets



### Dust pan



#### RANGE

Designation	Reference	Discount family
White dust pan	11070019	02
Silver dust pan	11070020	02

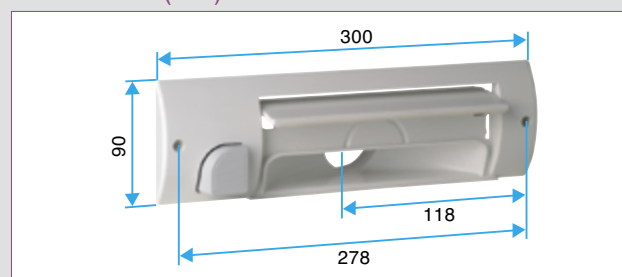
#### DESCRIPTION

- New dust pan with:
  - a new design,
  - a larger vacuum cleaning surface area,
  - improved sound attenuation.
- Vacuum inlet started up by an electrical contact (by pressing the start button using the foot).

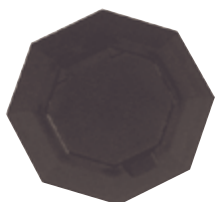
#### INSTALLATION

- Under a piece of kitchen furniture or even in the bathroom to vacuum clean hair.
- Make an opening with the following dimensions L 255 x H 85 mm. Do not forget to electrically connect the dust pan to the central unit.

#### DIMENSIONS (mm)



### Service inlet / floor inlet



#### RANGE

Designation	Reference	Discount family	Packing
<b>Inlet WITHOUT CONTACT</b>			
Service/Floor Inlet (A + B + C)	11070082	02	100

#### DESCRIPTION

- Inlet that can serve as a service inlet (in the garage for vacuum cleaning the car) or floor inlet.

#### FIELD OF APPLICATION

- Vacuum inlet, compatible with Aldes central vacuum cleaning installations.

#### INSTALLATION

- Mounted directly on to the central unit (or offset on the pipe ductwork) for service inlet. In this case, the trim is quite useless.
- Mounted on tile or slab for floor inlet applications.
- Fit one inlet for every 50 m2 approximately.
- Connection: Ø 50 mm and Ø 51 mm.

#### DIMENSIONS (mm)

- A – Trim  
B - Inlet body  
C - Mounting bracket (straight connection)

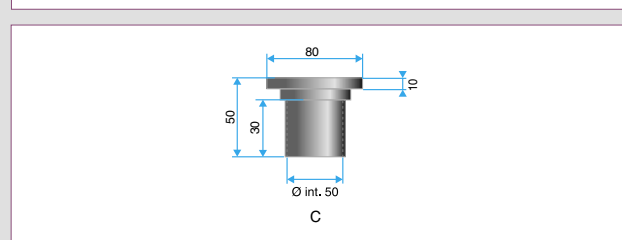
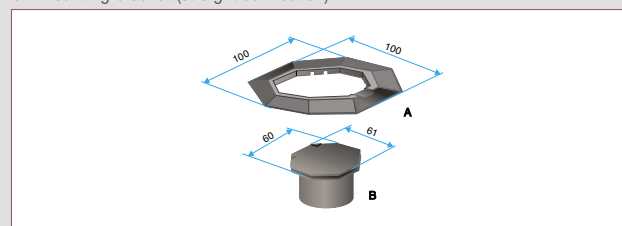




Photo credit: Getty Images - 2020

**BECAUSE DUST AND FINE PARTICLES SUSPENDED  
IN THE AIR INDOORS CAN IMPACT OUR HEALTH,  
IT IS URGENT TO JOIN THE  
AIR REVOLUTION**

■ **SIMPLIFY YOUR EVERYDAY LIFE, BREATHE MORE HEALTHILY.**

**Centralized vacuum cleaner C.Axpir®:  
Digital, Comfort & Initia**

**Elegant with low footprint, Aldes' centralized vacuum cleaners offer a solution for all types of homes.**

- The C.Axpir® units are all equipped with cyclonic filtration, known for its performance and dispensing from a dust bag.
- Numerous accessories enable easy cleaning on all types of surfaces, right down to the last corner.
- With their high capacity tanks and washable filters, they offer up to one year of autonomy and low maintenance.
- Their numerous characteristics simplify everyday tasks (tank fill level indicator, wireless start/stop system...).

More information on [aldes.com](https://www.aldes.com)



**#HealthyLiving**



# Environmental protection

## Regulations, sorting and recycling



### Waste electrical and electronic equipment



The WEEE and ROHS European Directives have been transposed into French law.

Electrical and electronic equipment is identified by the crossed-out bin logo.

The eco-participation is invoiced by the producer and has to be passed on in identical form right down to the end user for "household" class waste. Aldes has opted to render the eco-participation visible for all its electronic and electrical equipment.

Aldes is a member of the ADEME group of producers.

Aldes is a member of the "Eco-Systèmes" environmental organisation, which collects and processes WEEE.

The price list is available on [www.eco-systemes.fr](http://www.eco-systemes.fr)

### Recycling batteries, coils and accumulators

Some of our equipment has batteries. In accordance with Decree 2009-1139 dated 22.09.09, information concerning the identification, insertion and removal of batteries is included in the instruction leaflets. At the end of their service life, batteries should be taken to appropriate collection points.

### REACH European Regulation

(Registration, Evaluation, Authorisation of Chemical substances).

In application of the REACH directive, Regulation 1907/2006/EC, we provide our customers with the information featured in Article 33.1 of the regulation for all products sold containing items on the list of authorised substances, which is regularly reviewed by the European Agency ECHA

### Recycling and sorting printed matter and packing

Aldes prints its catalogues on PEFC paper from sustainably-managed forests.



At the end of their life, they should be taken to an appropriate collection point.



Once the products have been installed, the packing must be sorted and disposed of at the relevant collection points. Help in sorting is indicated on the packing.

Sorting of printed matter and packing has become mandatory under the Triman regulations.





## • Extracts from the “Warranty” general terms and conditions of sale

### 1. Scope of the warranty (extract paragraph 13.1)

The Aldes warranty is limited to responsibility for components acknowledged as defective by the Aldes services, excluding all labour and travelling costs.

### 2. Warranty period and starting point (extract paragraph 13.2)

All products carry a two-year parts warranty

- warranty starts from the date on which Aldes invoices its customer.
- warranty starts from the date of Commissioning if purchased from Aldes.
- warranty starts from the date of the till receipt for general public distribution.

Under no circumstances can the warranty end date be more than thirty months from the date of manufacture identified by the product serial number. Thermodynamic system tanks carry a five-year parts warranty (two years for the rest of the components). Spare parts offered by Aldes carry a one-year parts warranty from the date on which Aldes invoices its customer.

### 3. Warranty limits (extract paragraph 13.3)

The warranty on products or components does not apply for:

- replacements or repairs resulting from abnormal use, conversion not validated in writing by Aldes or failing to comply with the Aldes stipulations or instructions.
- replacements or repairs resulting from deterioration or accidents due to negligence, conversion or faulty installation, servicing or monitoring.
- replacements or repairs resulting from normal wear of the equipment.
- incidents due to chance or force majeure.
- in cases where the customer is not up to date with his payments for the defective product.

# Memo and sales conditions 2021

Useful information

Your customer account number: .....

## • Your Aldes contacts

Subject	Name	e-mail
Sales		@aldes.com
Technical studies and information		@aldes.com
After-sales service/Order - delivery		@aldes.com
Stores		@aldes.com
Services		@aldes.com

## • Contact details for your Aldes branch

Tel.: .....

Fax: .....

## • Opening times for your Aldes store

.....

## • Invoicing minimum

➔ For all orders below the value of 150 euros net excl. VAT, an administrative fee of 15 euros excl. VAT will be invoiced.

# General Terms and Conditions of Sale

## ALDES INTERNATIONAL – 2021

### FOREWORD

The purpose of these General Terms and Conditions of Sale (hereinafter "Terms and Conditions") is to define, in accordance with the provisions of Article L.441-1 of the Commercial Code, the respective obligations incumbent on ALDES AERAILIQUE (hereafter "ALDES") and its Customers under their contractual relations governing the sale of products and services by ALDES.

### 1. APPLICATION

Any order submitted to ALDES implies the Customer's full acceptance without reserve of these Terms and Conditions, which are received and acknowledged by the Customer. These Terms and Conditions prevail over all other agreements and conventions, notably the Customer's own general terms and conditions of purchase.

Only the specific terms and conditions of sale specified in writing between ALDES and the Customer may, if appropriate, deviate from these Terms and Conditions. All provisions of these Terms and Conditions that are not expressly amended or waived by the special terms and conditions of sale retain their full effect.

ALDES is only bound by commitments made by its employees provided the company confirms them in writing. No orders are considered complete and definitive unless expressly accepted via a document confirming receipt of the order and indicating a registration number.

As ALDES customers are professionals, consumer law is not applicable.

### 2. INFORMATION - PRODUCTS - PROJECTS

Details provided on catalogues, prospectuses, price lists, diagrams, websites, etc. are provided by ALDES for the purposes of information. ALDES reserves the right to make modifications at any time without notice.

The liability of ALDES is limited to the product characteristics. As professionals, Customers remain responsible for their product choices and implementation according to the characteristics of the installation. Any theoretical drawings, dimensioning calculations etc. produced by ALDES or which result from the calculation software provided to generate projects and price proposals, cannot be considered as a completed installation project and should, if necessary, be validated by any competent body or Technical Design Office at the Customer's initiative. All projects remain the mission and responsibility of the project manager or, if appropriate, the specialist contractor carrying them out.

ALDES systems must be installed by organised and reputed professional fitters, who employ qualified personnel and hold the required approvals. Any sub-contracted work must therefore be identified, known to Aldes, qualified and made official by a written contract.

As part of its obligation to provide advice, ALDES keeps all necessary information concerning the use of its products and its service provisions available to the Customer.

### 3. PRICES

Products are supplied at the prices indicated in the unit price schedules detailed in the ALDES Pricing and, if appropriate, in the commercial proposal forwarded by ALDES to the Customer or under any specific conditions agreed between them.

Confirmed prices are those in effect at the time of the order.

Invoiced prices are those in effect on the date of the order or as necessary, those appearing in the proposal forwarded to the Customer.

Any delivery that is available within less than two months is invoiced at the base price agreed at the time of ordering. Where the delay is longer, the price will be corrected by virtue of the legal provisions in force and indexed according to the price revision formula included in the proposal. For all orders below the value of 150 euros net excl. VAT, an administrative fee of 15 euros excl. VAT will be invoiced.

The unit price schedule of the ALDES Pricing is not applicable in the event of:

- specific product packaging;
- specific order necessitating one or more product modifications and/or assembly;
- unit prices may also vary according to the frequency of deliveries. In these cases, the Customer should ask ALDES for a specific quotation in advance.

Prices are given in euros excl. VAT, net of any discount and contributions or costs, especially when linked to the prevention and management of electrical and electronic household waste. Recycling costs for electrical and electronic professional waste are included in the selling price (WEEE - see also Article 8 of these Terms and Conditions). The communication of prices does not constitute a firm offer, as prices are subject to change without notice. The validity of a quotation (content and price) is limited to two months from its date of issue.

The shipping prices and schedules set out in the current ALDES Pricing do not constitute a firm proposal and may be modified without notice, especially in the event of change of economic conditions such as variations in the price of raw materials, fuel, duties and taxes, unusual variations in exchange rates, collapse of markets, scarcity of materials, changes to legislation, etc. Prices will also be revised in the event of new taxes, contributions or costs due to changes in legislation affecting the compliance of ALDES products or the prevention and management of electrical and electronic equipment waste and its elimination, processing and recycling (non-exhaustive list).

### 4. REBATES, DISCOUNTS, REDUCTIONS

The Customer may receive rebates, discounts and reductions appearing in the ALDES Pricing schedule. These are revised annually and are applied on the bases of turnover or volumes supplied of certain product families, promotional campaigns or conditions of collection.

### 5. DELIVERIES - TRANSFER OF RISKS

#### 5.1. Delivery lead times

Delivery lead times are provided as an approximate guide.

They are shown "delivered" (CPT place of delivery), except for export orders, where the guide delivery on the ALDES order acknowledgements relate to the availability in its loading bays (EXW). Delivery lead times start on the later of the following dates: the date of acknowledgement of receipt of the order or the date of receipt by ALDES of the down payment or the supplies that the Customer has undertaken to deliver.

Any overrun of the delivery lead times cannot cause the cancellation of the order, nor a revision of prices, nor compensation or late penalties.

ALDES is discharged automatically of any commitment concerning the delivery lead times if the terms and conditions of payment are not met by the Customer or in the event of circumstances outside its control, a case of *force majeure* or events such as lock-out, strike, epidemic, war, requisition, fire, flooding, tool accidents, scrapping of major parts during manufacture, interruption or delay in transport or any other cause generating total or partial lack of activity for ALDES or its suppliers.

ALDES will keep the Customer advised of the aforementioned cases or events.

#### 5.2. Delivery conditions - transfer of risks

Deliveries are made as CPT place of delivery indicated by the Customer at the time of ordering except for exports where they are EXW. Delivery entails the transfer to the Customer of all risks pertaining to the goods and the sales invoicing by ALDES.

Shipping prices are detailed in the table below:

Order amount net excl. VAT	Shipping charge in euros excl. VAT
0 to 200 euros	35 euros
200.01 to 500 euros	45 euros
500.01 to 800 euros	65 euros
800.01 to 1,000 euros	80 euros
> 1,000 euros	Free

Where a customer requests partial delivery for an order meeting the conditions for free delivery but which falls below these conditions, Aldes has the right to invoice the shipping charges relating to this delivery as per the conditions above. The free delivery is calculated on the bases of the order exclusively, not on the proposal.

These shipping charges are valid for Metropolitan France (excluding Corsica, overseas departments and territories and foreign countries), save for ducts and accessories more than 315 mm in diameter or more than 3 metres long, and for products in the Heat pump, Domestic hot water and Heat recovery ventilation unit ranges, where shipping charges will be invoiced at cost. For deliveries with special conditions (lifting machinery, tailgate, express, non-exhaustive list), the relevant cost prices will also be invoiced, as per the quotation available from the seller.

Delivery is made by direct handover to the Customer or by simple notice of availability. Sales in ALDES stores are made EXW, therefore by collection from the counter.

The equipment delivered is not taken back, except in the cases and conditions provided for in Article 12.3 of these Terms and Conditions.

#### 5.3. Warehousing and handling

If shipping is delayed for any reason outside the control of ALDES and with ALDES consent, the goods may be stored and, if necessary, handled by ALDES at the risk and expense of the Customer, as ALDES declines any liability in this matter. For commercial purposes, ALDES agrees to store the goods free of charge for fifteen calendar days. Beyond this, the storage will be outside at the total expense of the Customer.

#### 6. CARRIAGE OF DELIVERED GOODS

In the event of damage of any kind occurring during transport, it is up to the Customer to invoke the liability of the carrier and/or the insurer under the customary deadlines and procedures and to inform ALDES by registered letter with acknowledgement of receipt within three days of delivery. It is up to the Customer to verify the quantities and qualities of deliveries on arrival, before discharging the carrier. Acceptance without reservation of goods delivered excludes any later recourse against ALDES.

#### 7. PACKING

Packing is always charged to the Customer and is not recovered by ALDES. In the absence of specific indications, ALDES prepares the packing in the best interests of the Customer.

#### 8. DEALING WITH ELECTRICAL AND ELECTRONIC EQUIPMENT WASTE

In accordance with Articles R. 543-179 to R. 543-206 of the Environment Code, ALDES contributes to selective waste collection. ALDES is registered as a producer of electrical and electronic equipment on the National Register of Producers. ALDES products bear a mark specifying their identity and a control sticker indicating their date of introduction to market.

Products in "household" and "professional" categories: ALDES provides for and contributes to the collection, removal and treatment of waste in these categories through an approved eco-body. These products are subject to a waste disposal cost ("eco-contribution"). This cost for "household" category products is stated on the invoices issued by ALDES. The customer is in charge of passing this cost on, without modification, to the end customer.

#### 9. PAYMENT - LATE PENALTIES - PENAL CLAUSE

In accordance with Article L. 441-10 of the Commercial Code and Articles 1231 *et seq.* of the Civil Code, including 1231-5, and subject to any applicable inter-professional agreements:

Payment is made exclusively by bank transfer; no other payment method is permitted save for special conditions. The transfer is made by the customer at the time of ordering against a pro forma invoice. Payment is net without discounts. Any clause or request attempting to fix or obtain a longer payment period should be agreed between ALDES and its customer. Payments are made to the ALDES head office.

Advance payments are made on a cash basis. Repair and servicing work and also additional items supplied or delivered during fitting are invoiced every month and payable on a cash basis, net and without discounts.

Where the provisions of Article 9 (1) are waived, payment is understood to mean the receipt by ALDES of the full invoice amount and not simply the delivery of a document bearing the obligation to pay (bill of exchange). Late payments will give rise to the application of penalties at the most recent European Central Bank refinancing rate, increased by ten percentage points.

For sales in ALDES stores to customers who do not have an account with ALDES, payment will be in cash before the goods are removed.

Late payment penalties are due without reminders being necessary.

Any professional customer subject to Article L.441-6 of the Commercial Code in a late payment situation automatically becomes an ALDES debtor. In addition to late penalties already defined by the law, there is a fixed fee of 40 euros for recovery charges for each unpaid invoice. In the event of non-payment by the Customer, the sums sent for collection through legal action will be increased by 15% independently of the late penalties indicated above and the recovery costs incurred.

The Customer cannot tie payment to the provision of invoices meeting his requirements not provided for under the applicable legislation or any other non-mandatory document.

The payment dates agreed cannot be extended for any reason whatsoever, including in a dispute. Complaints do not dispense the Customer from paying his invoices on their due date and no amounts may be withheld on the amounts indicated on ALDES invoices.

In the event of sale, transfer, assignment as collateral or contribution by the Customer of his equipment or business assets, for example when payment is not made or a bill of exchange accepted on the due date, the sums due become payable immediately, regardless of the conditions agreed previously.

Any major change in the Customer's financial or economic situation, even after partial fulfilment

of orders, may lead to the revision of the conditions of payment applicable to these orders and the revision of the line of credit granted to the customer by ALDES.

In the event of non-payment by the due date, ALDES may suspend the shipment of other goods ordered by the Customer, without prejudice to any potential damages.

ALDES is a manufacturer, not a leasing agency or a contractor, and is therefore not subject to the provisions of Article 1799-1 of the Civil Code. It therefore accepts no holdback - whether or not guaranteed - on the amount of products invoiced.

#### 10. RETENTION OF OWNERSHIP - CANCELLATION CLAUSE

ALDES retains ownership of the goods sold until full and actual payment of the whole price (principal and accessories).

Consequently, the non-payment of any sums due could lead ALDES to demand return of the goods in question. This claim for retention of ownership will be for the return of unpaid goods or a claim for the price of the goods. In this case, the customer undertakes to send ALDES a list of goods that he has not paid ALDES for and for which he has not been paid by his own customers. He also undertakes to provide ALDES with the contact details for the customers in question.

From the time of delivery as defined in Article 5.2 above, the Customer assumes the risks of loss or deterioration of the goods and the liability for any damage they may cause. Consequently the Customer undertakes to obtain suitable insurance against all risks concerning the transport, loss, theft or partial or total destruction of the goods, from a reputable, solvent insurer.

ALDES reserves the right to prohibit any modifications of the goods following the initiation of any collective procedure against the Customer.

Should the Customer fail to meet any of his obligations, ALDES reserves the possibility to resolve or terminate the sale automatically after issuing formal notice without reaction to the Customer by registered letter with acknowledgement of receipt or to continue to execute it. In this case, any advance payment paid will remain acquired by ALDES as compensation, without prejudice to any other damages.

The Customer should inform ALDES of any threat, action, seizure, requisition, confiscation or any other measure that may affect its right of ownership of the products.

Failure to comply with these provisions by the Customer will engage his liability and permit ALDES to reduce the sale by simple notification by registered letter with acknowledgement of receipt to take back any products still in stock and refuse to continue delivering to the Customer.

The products still in the possession of the Customer are assumed to be unpaid and ALDES may take them back as repayment for any unpaid amounts.

Any partial payments already made will serve to cover damages caused by failure to fulfil the contract and, initially, damage due to the disappearance, resale, deterioration or obsolescence of the products. The costs of dismantling, transport and storage generated by the Customer's failure to fulfil his obligations under the sale will then be attributed.

#### 11. INSPECTION AND TESTS

For any goods subject to factory inspection or acceptance testing, this should be done prior to shipment. A Customer requesting factory acceptance testing should tell ALDES what types of test are required. The Customer will pay the costs of acceptance test technicians and inspection certificates.

Should there be no test technicians on the agreed testing day, the goods will be deemed definitively accepted as soon as loaded in the factory.

Should, after delivery the characteristics or performances of the equipment be contested, requiring action by ALDES, the Customer will pay all ALDES costs incurred.

#### 12. CLAIMS - CANCELLATION OF ORDERS - RETURN OF EQUIPMENT

##### 12.1. Claims

In accordance with Article 6 above, claims relating to transport must be submitted by the Customer as per the carrier's stated rules of procedure, with a copy sent to ALDES.

Claims relating to quantities or weights can only be entertained if they are formulated in writing within three days of the arrival of the goods at their destination and prior to any transformation or installation.

Claims relating to quality are only admissible if they are submitted in writing within fifteen (3) days of the arrival of the goods at their destination.

In the event of a claim recognised as justified by ALDES, its liability is limited to the replacement or repair of the part acknowledged as defective, without any compensation being applicable for any reason whatsoever.

Replaced goods should be returned to the ALDES factory in full. Exchanges or returns must be made by the usual ALDES carriers. The Customer will be responsible for any dispensation.

##### 12.2. Order cancellation

Cancellation of an order by the Customer engages his liability. The Customer may not cancel an order without ALDES' prior express agreement and provided that it at least takes delivery of the equipment manufactured and compensates ALDES for the outlays and lost earnings pertaining to the equipment still under manufacture.

##### 12.3. Return of equipment

No equipment may be returned save in exceptional cases and after written authorisation from the ALDES sales department. Equipment returns only concern products at standard applicable prices, in their initial packing and in good condition. All carriage costs are paid by the Customer. Any returns to ALDES without prior authorisation in writing will be systematically refused and sent back to the Customer at his expense.

Under no circumstances are specific apparatus manufactured on request and ducts and accessories taken back or exchanged.

##### 12.4. Return of equipment and after-sales service:

Equipment returns under after-sales service will only be accepted with the prior written agreement of ALDES, shown on an incident report signed by the ALDES After-sales service, which should be affixed without fail to the package containing the returned equipment. Any after-sales service returns to the ALDES factory without this incident report will be refused and sent back to the shipper at his expense. Conditions for taking back spare parts are subject to prior agreement from the ALDES After-sales department.

#### 13. WARRANTY

##### 13.1 Scope of the warranty

The ALDES warranty is limited to responsibility for components acknowledged as defective by the ALDES services, excluding all labour and travelling costs.

ALDES will repair any product returned under warranty to its workshops by replacing the defective components or, on its initiative solely, replacing the returned product in its entirety.

Where repairs have to take place on the installation site, ALDES will pay the part costs but under

no circumstances the labour and travelling costs relating to the replacement. ALDES will not be liable for any compensation for damages.

##### 13.2 Warranty period and starting point

All products carry a two-year parts warranty from the date on which ALDES invoices its customers or, for general public distribution, from the date of the till receipt. The warranty covers all defects in materials or manufacture, provided that the product has been installed and serviced as per best practices and in accordance with the ALDES stipulations. Under no circumstances can the warranty end date be more than thirty months from the date of manufacture identified on the product (save for special service offer conditions).

Thermodynamic system tanks carry a five-year parts warranty (two years for the rest of the components).

##### 13.3 Warranty and liability limits

The following are excluded from the ALDES warranty: incidents due to the lack or failure of the power supply, a clear servicing fault, use failing to comply with the ALDES installation and use stipulations and installations failing to comply with French standards and regulations in force.

The warranty does not apply for

- incidents due to chance or force majeure
- replacements or repairs resulting from normal wear of the equipment.
- replacements or repairs resulting from deterioration or accidents due to negligence, conversion or faulty installation, servicing or monitoring
- replacements or repairs resulting from abnormal use, conversion not validated in writing by ALDES or failing to comply with the ALDES stipulations or instructions
- in cases where the customer is not up to date with his payments for the defective product.

The replacement of parts or product during the warranty period does not mean that the initial product warranty period is extended.

In addition, ALDES is not required to repair the adverse consequences of the Purchaser or Third Parties. Under no circumstances will ALDES be required to compensate for immaterial and/or indirect damage, including, for example, commercial prejudices and loss of operation or profit. ALDES liability is limited strictly to the sole obligations described in these general terms and conditions of sale.

In addition, handling a product or component under the warranty in no way recognises ALDES liability.

For information, should a claim be made, the product in question must be kept on the claimant's premises for joint expert assessment. The Purchaser will be responsible for assuming the consequences of the return under warranty of a Product, under the hypothesis that ALDES has not been advised in advance of any potential involvement of this product as part of a claim.

##### 13.4 Return of products under warranty

Products returned under warranty will only be accepted if agreed by ALDES in advance, shown by issuing a specific after-sales returns slip. The product returned should without fail be accompanied by this returns slip filled in and clearly visible on the package. Any return under warranty reaching ALDES without an incident report duly filled in will be systematically refused and returned to the shipper without being processed. The customer is responsible for organising and paying the cost of return carriage to ALDES for defective parts or equipment.

##### 13.5. Spare parts

Spare parts essential to the use of ALDES products can be supplied for a period of five years from their date of manufacture.

Spare parts essential to the use of ALDES NF heat pumps can be supplied for a period of ten years from their date of manufacture.

ALDES spare parts carry a one-year warranty with effect from their invoicing date, provided the installation complies with the standards in force and is used in compliance with the ALDES stipulations.

To claim the warranty, the parts must be returned according to the after-sales procedure described in Chapter 13.4.

##### 13.6. Provision of service

ALDES can provide services for products sold, including commissioning, assistance, expert assessment, servicing or repairs. This work is covered by the special general terms and conditions of sale agreed with the Purchaser. ALDES provides its service systematically with the professional in charge of the installation or maintenance present. For information, ALDES is never involved in the stipulation, dimensioning or installation of equipment. It may not be held liable for failure by the purchaser or the professional in charge of the installation to comply with best practices and standards. Any journey to the site made in vain for a cause that cannot be attributed to ALDES will give rise to specific invoicing based on the pricing scales in force.

#### 14. APPLICABLE LAW - ATTRIBUTION OF JURISDICTION

All operations covered by these Terms and Conditions are subject to French law. ALDES and its Customer undertake to attempt to settle amicably any disagreement likely to arise between them in cases of problems generated by these Terms and Conditions.

Any litigation will fall exclusively under the court with jurisdiction over the ALDES head office, even in the case of third party claims or multiplicity of defendants, unless ALDES prefers to designate another competent jurisdiction, notably that of the customer's head office or of the location of the goods.





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# CONTACTS



## INFORMATION

### PRODUCTS, NEWS, DOCUMENTS, SOFTWARE, ETC.

- Website: **[www.aldes-international.com](http://www.aldes-international.com)**
- Youtube : Aldes International 
- Twitter: Aldes Officiel 
- LinkedIn: Aldes 



## PROFESSIONAL CONTACTS

### PROJECTS, COMMERCIAL REQUESTS

- [www.aldes-international.com](http://www.aldes-international.com) > Contact >
- [aldes\\_international@aldes.com](mailto:aldes_international@aldes.com)



## 3D OBJECTS

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- Download platform: [cad.aldes.com](http://cad.aldes.com)

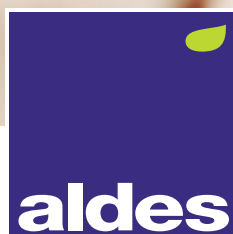
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Our skills in air management enables us to help design indoor living spaces that are smart and caring. Where we live, work and have fun, Aldes watches over our well-being through innovative solutions that improve indoor air quality.

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