



Dee Fly Cube 300 and 370

Heat Recovery
ventilation



Malmes

Rice

Solimo

Solimo

Simple and streamlined design

Perfect integration in dwelling

The principle of heat recovery ventilation

Heat recovery ventilation offers general and uninterrupted ventilation, recovering the heat from exhaust air to pre-heat the influx of fresh air.

This system filters incoming air and ensures clean air inside the dwelling.

Using the heat exchanger, new air is pre-heated to limit the need for indoor heating.

The Dee Fly Cube heat recovery system can easily be installed within a cellar or cupboard.

Available in two models:

Dee Fly Cube 300

or

Dee Fly Cube 370

with or without

multi-function remote control



Dee Fly Cube 300

Dee Fly Cube 370

Heat recovery ventilation,

Concentrated performance.

Design

- **Compact single unit.**
- Stainless steel-effect metal casing (RAL 9006).
- 60 cm width - household appliance standard.

Comfort

- **30.7 dB(A)** for silent operation (L_p at 2 m)*.
- Double filtration on fresh air.
- 100% Bypass and Boost function as standard.
- 4 speeds on demand.

*Dee Fly Cube 300.



Dee fly Cube



Energy savings

- **Very low energy motor (22 W)*.**
- 90% of heat recovered.
- Absence mode.
- Installation recommended in heated area.

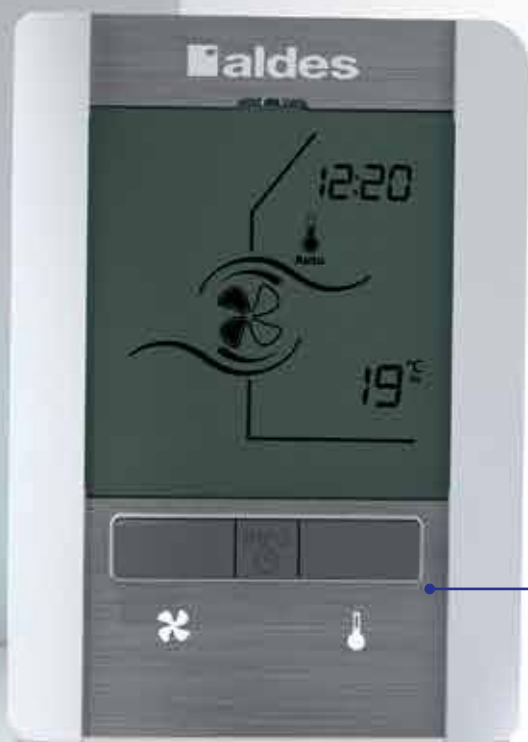
*Dee Fly Cube 300.

Quality

- Ductwork accessories respect building impermeability.
- Designed and produced in Lyon, France.
- High-performance filtration.
- Individual inspections on leaving factory.
- 2-year warranty.

Simplicity

- **Multi-function remote control.**
- Quick to install.
- Intuitive configuration.
- Simple to use.
- Track energy savings in real time.



Air quality on demand

Double filtration on fresh air

To limit the presence of pollution and allergens (dust mites, pollen, cigarette ash, bacteria, etc.) entering from outside. The Dee Fly Cube heat recovery ventilation system is fitted with highly efficient filters.

Fresh air supply:

- G4 filter (EU4).
- F7 filter (EU7).
- Filtration remains operational in By-pass mode.

Exhaust air:

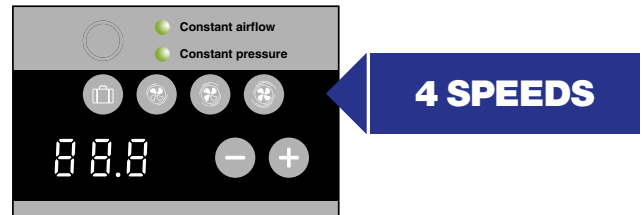
- G4 filter (EU4).

The filters protect the motors.

For greater occupant comfort, we recommend changing the filters once a year.

Ventilation on demand

- 2 control modes, constant airflow or constant pressure.
- 4 speeds for the airflow or pressure selected.



The speed levels serve to increase the exhaust airflow in the dwelling.

For maximum efficiency, install the heat exchanger/ central unit in the heated room.

Constant comfort



Warm ambience in winter

Pre-heated fresh air eliminates the sensation of air currents.

Cooling for summer nights

- Boost function: increases air renewal for a brief period.
- The overventilation function for summer nights uses the chill of the outside air to cool the dwelling for free.



Acoustic comfort

- **Silent operation: 30.7 dB(A)**

Sound pressure radiated at 2m from unit installed against a wall, airflow of 150 m³/h for Dee Fly Cube 300 and 370.

30.7 dB(A)

- Sound insulation against outside nuisances via the air inlet grilles that replace traditional window air inlets.

Multi-function remote control

A new definition of simplicity

Simplified screen for enhanced visibility.

High **reading comfort** on a wide digital screen.

Direct control of main system functions and information.

- **Sleek design for an aesthetic** remote control.
- Sober **and discrete**.
- Compact and **ergonomic dimensions** (120 x 85 x 23 mm).

- **Expert mode** to manage your ventilation directly and for better system configuration.
- **High-visibility display** on wide digital screen.
- **Track the energy savings** generated by the Dee Fly Cube Heat Recovery system in real time.



- **Long remote control range** offers simple control of the Cube system.
- **The remote control fits** any kind of interior perfectly, possible to rest the remote unit on a suitable base.

- Only **two control** buttons.
- **Essential function configuration and display** for greater visibility and efficiency.
- **Easily set** speeds or manage periods of absence.

Simplified ergonomics

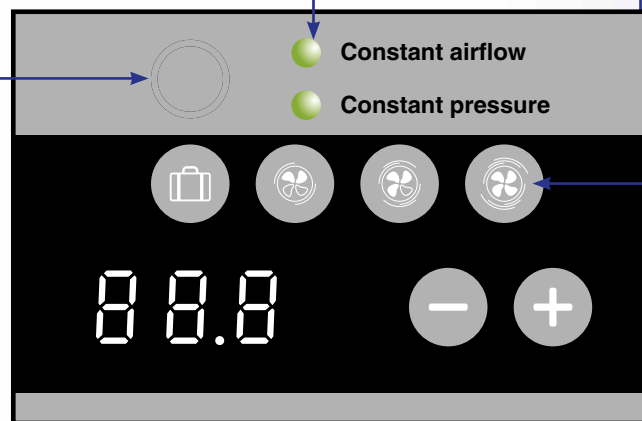
Simple configuration on installation

- Intuitive controls.
- Selection of operating mode: constant airflow or constant pressure.
- Fast configuration of airflow or pressure for each speed.

Installer keypad (accessed via decorative cover)

Mode select button:
Constant airflow or pressure

Selected mode lamp



Speed



Simplified configuration:

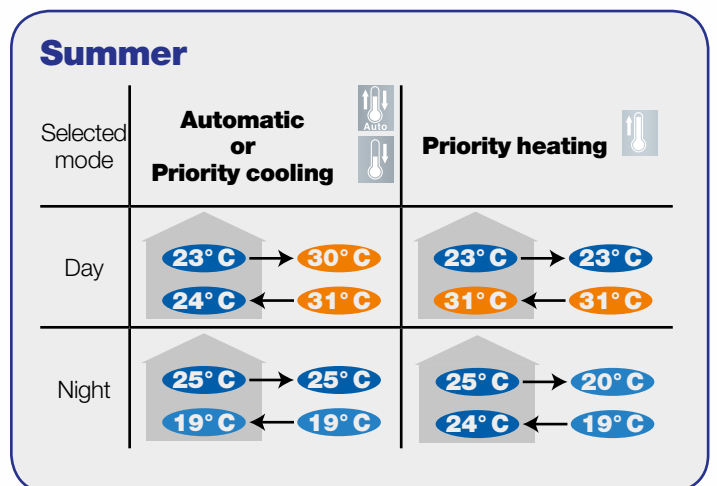
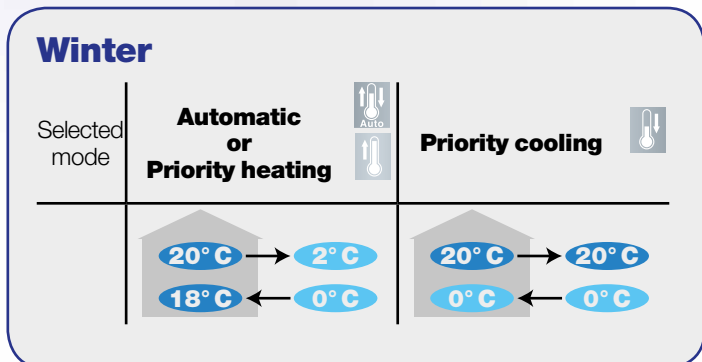
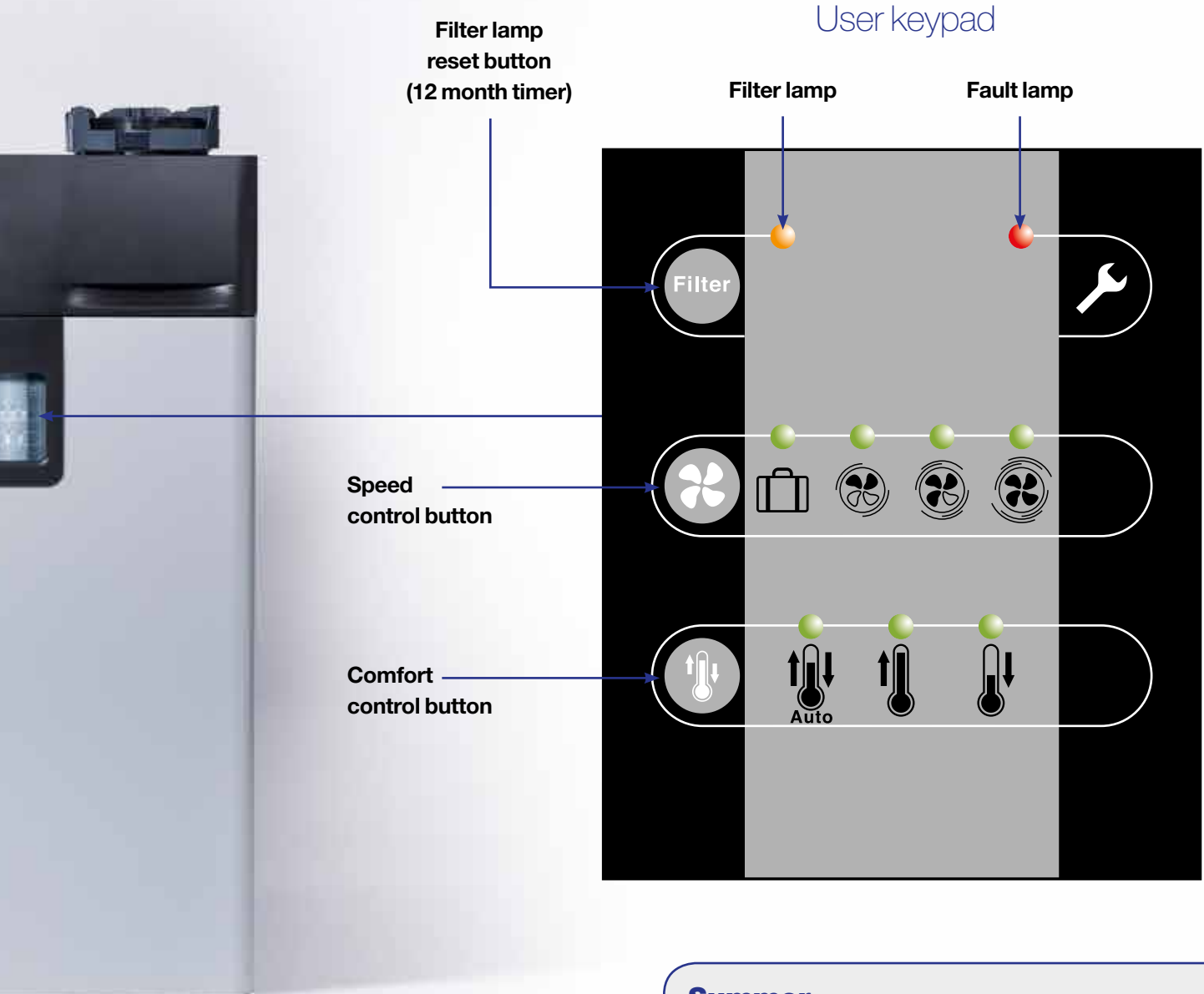
- 1 - Select mode:** Constant airflow or pressure
- 2 - Configure airflow or pressure for each speed level**
- 3 - Airflow or pressure automatically set to speed level selected**

4 speeds:

- **Absence**
- **Standard airflow or pressure**
- **Additional airflow or pressure in kitchen**
- **BOOST maximum airflow or pressure**

Simplified user interface

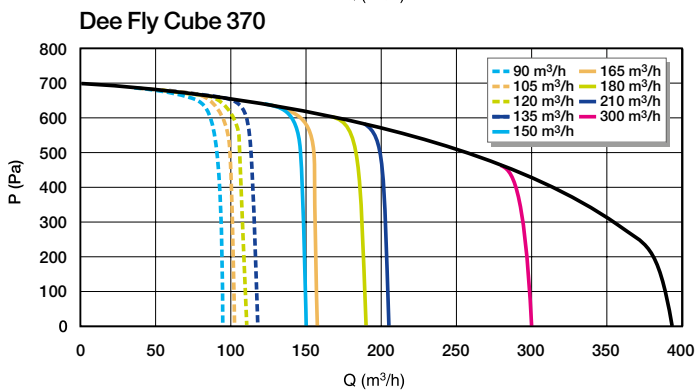
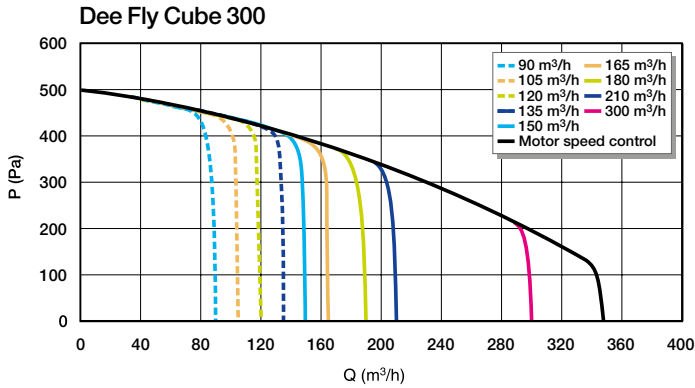
- Control ventilation speed.
- Control temperature of fresh air supply.
- Servicing and maintenance alerts.



Technical Details

Motor

- Micro-watt EC motors.



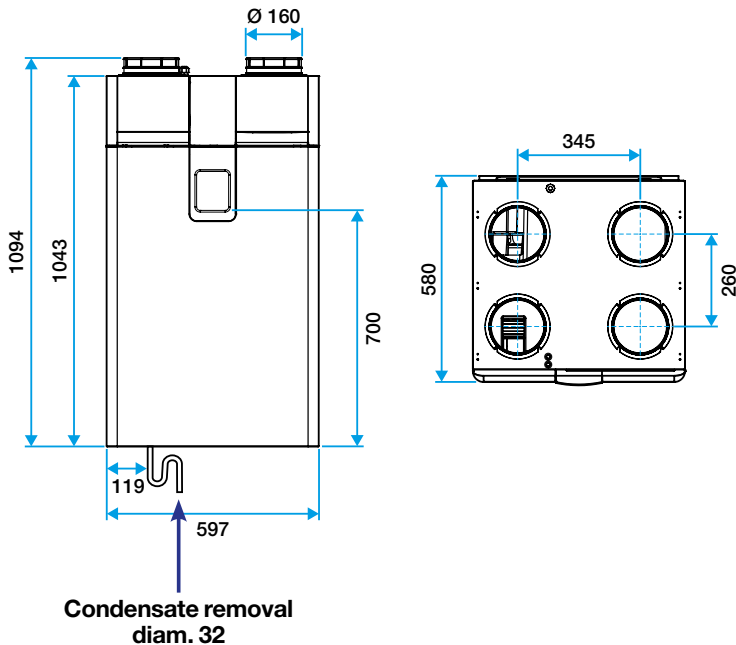
Heat Exchanger

- High-yield (92%) counterflow plate exchanger.
- G4 + F7 filters on fresh air supply to ensure air quality inside dwelling.
- G4 filter on exhaust air to ensure durability of heat exchanger.



Range and installation

Dimensions



Use a water trap with a minimum of 50 mm capacity.

Range

- The Heat Recovery Dee Fly Cube is available in two models:

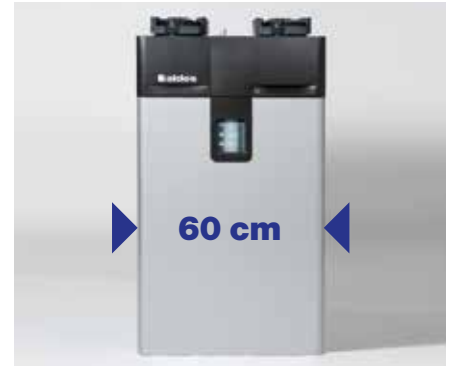
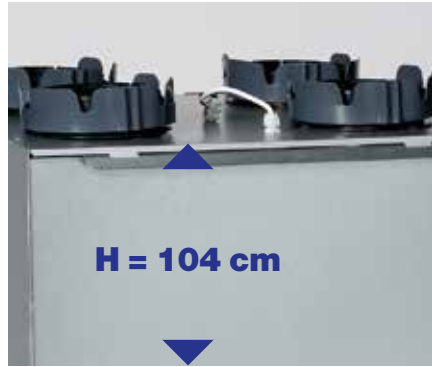
Product	Code	Energy efficiency
DEE FLY CUBE 300	11023218	A+
DEE FLY CUBE 300 + IHM	11023236	A+
DEE FLY CUBE 370	11023215	A
DEE FLY CUBE 370 + IHM	11023237	A



* In accordance with eco design 1253/2014 and energy labelling 1254/2014 regulations.

** Dee Fly Cube 300 micro-watt LDC.

Easy to install



- Quick, airtight connection of ducts using Easy-clip Ø 160 collars.
- Standard plumbing connection (Ø 32 mm) for condensate removal.
- Wall mountings to limit use of floor space in cellar or cupboard.
- Must not be installed horizontally.
- Easy to install in a cupboard due to standard width (60 cm).
- Minimum cabling necessary (230 V power supply).

Made-to-measure energy savings



Respect for buildings

The Heat Recovery Dee Fly Cube and its ductwork accessories ensure the impermeability of the building and airtight ducting.

The impermeability of the building is preserved on ceiling penetrations (single-storey or multi-storey house) using the duct connection manifold and its airtight gasket.

The branch connections on the manifold and the Dee Fly Cube are fitted with airtight gaskets.

Certified quality of French production

CE

- Individual inspections on leaving factory.
- Tested several times a year by independent bodies.
- Manufactured in France.

Eligible for EEC*

- Eligible for Energy Saving Certificates.

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ALDES - 20, boulevard Joliot Curie - 69694 Vénissieux Cedex FRANCE
Tel: +33 (0)4 78 77 15 15 - Fax: +33 (0)4 78 76 15 97 - www.aldes.com

