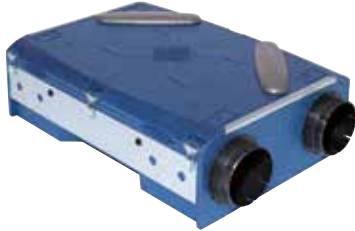


Heat recovery ventilation unit

11023154

ES250-HE Exchanger BYPASS HY

Modular heat recovery ventilation and air purification solution to adapt to all your installation configurations.



Echangeur By-pass HY

PRODUCT BENEFITS

- more modularity: the unit comes in two parts for easy installation in all configurations,
- more purified air: fresh air is filtered to eliminate outdoor pollution,
- more comfort: balances indoor air while insulating against outdoor noise pollution.

Principles of operation

General and permanent ventilation of dwelling with heat recovery on exhaust air (via heat exchanger) to pre-heat incoming air. This air is filtered and ensures that indoor air remains clean.

Product description

Heat recovery ventilation and air purification solution comprising 2 units - heat exchanger and motor units). Dee Fly Modulo® delivers filtered fresh air by eliminating outdoor pollution, while adapting to all installation configurations.

Fields of application

Multi-occupancy residential housing, Individual residential housing, New, Refurbishment

Installation

- suspended attachment to ceiling with suspension kit for each exchanger and each motor,
- horizontal floor installation with floor attachment kit for each exchanger and each motor,
- horizontal on wall with two kits:
 - one floor attachment kit per exchanger and per motor,
 - one condensate evacuation kit.

Reference arguments

Application

- DEE FLY MODULO range, centralised heat recovery ventilation and air purification solution for individual houses
- New builds or refurbishment

Description

- Heat exchanger in expanded polypropylene unit
- 4 x Ø 160mm connections
- Fine particle filter on fresh air and pollen filter on exhaust
- Bypass included
- Flat siphon delivered with product

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Main characteristics

heat exchanger:

- expanded polypropylene,
- 4 x Ø 160 mm connections,
- filters:
 - 1 x fine particles filter on fresh air,
 - 1 x pollen filter on exhaust.
- bypass included (self-balanced model),
- built-in pressure sensor for control,
- flat siphon supplied.

motor:

- sheet metal box,
- 2 MICRO-WATT 3-speed motors mounted on ball bearings with thermal protection,
- 4 x Ø 160 mm connections.

Accessories

Désignations	References
BUS pre-heating coil 1.5 kW for DEE FLY and InspirAIR®	11023225
Wired remote control 3-speed	11023065
Heat exchanger ceiling suspension kit	11023117
Floor installation kit for DEE FLY ES300 or MV300	11023144
DEEFLY BOILER CONDENSATE TRAY (After sales)	11129790

Consumables

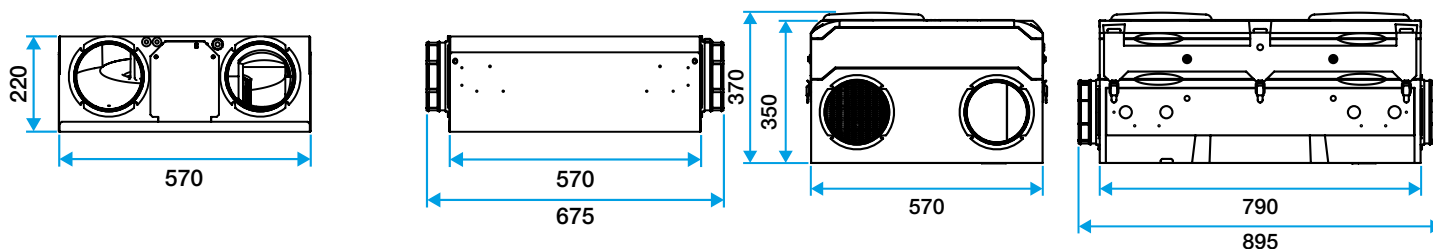
Désignations	References
Filter multipack for MODULO HRV system w/out bypass (1x Pollen+1xFine Particle)	11023146
G4 filter DEE FLY Modulo ES300 COLL with bypass (pack of 5)	11129761
G4 filter DEE FLY Modulo ES300 COLL without bypass (pack of 5)	11129762

General data

References	Available filters	Type of exchanger
11023154	> pollen: - Coarse	Sensitive

Dimensional data

References	A (mm)	B (mm)	C (mm)	D (mm)	Weight (kg)
11023154	570	160	370	790	14



Moto-ventilateur

Echangeur avec by-pass

Airflow data

References	Airflow at max. speed (m³/h)
11023154	250

Electrical datas

References	Frequency (Hz)	Max. current (A)	Voltage (V)
11023154	50	2	230

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Regulatory data

References	Ventilation energy class – Average climate
11023154	A