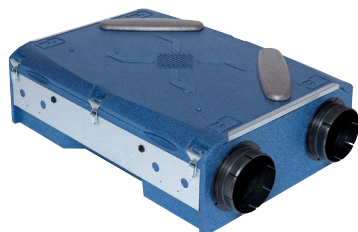


**Thermal insulation**

# 11023154

## ES250-HE Exchanger BYPASS HY

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



### 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

## Thermal insulation

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ES250-HE Exchanger BYPASS HY

## 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

Description	Variants
VEX40T internal preheating coil*	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

## Filters

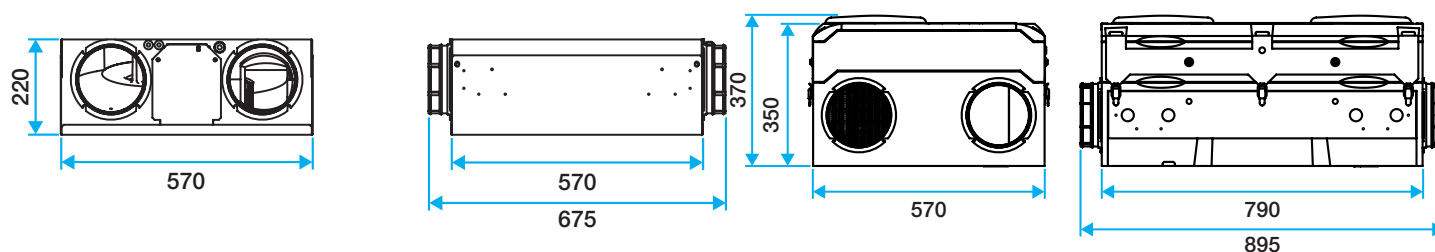
Description	Variants
Filter multipack for MODULO HRV system w/out bypass (1x Pollen+1xFine Particle)	11023146
G4 filter DEE FLY Modulo ES300 COLL with bypass (pack of 5)	11129761
G4 filter DEE FLY Modulo ES300 COLL without bypass (pack of 5)	11129762

## General data

Variants	Available filters	Type of exchanger
11023154	> pollen: - Coarse	With plates

## Dimensional data

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



## Airflow data

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

## Electrical datas

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

Thermal insulation

# 11023154

## ES250-HE Exchanger BYPASS HY

Regulatory data

Variants	Ventilation energy class – Average climate
11023154	A