Thermal insulation

11023244
MV250-HE micro-watt HY motor fan unit

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:

- Centralised heat recovery ventilation and air purification solution for individual houses
- New builds or refurbishment

Description:

- More modularity: comprising two parts, it suits all installation configurations (on floor, ceiling, wall, etc.),
- More purified air: fresh air is filtered to eliminate outdoor
- More comfort: fitted with a high-performance heat exchanger to temper indoor air while insulating against outdoor noises

We reserve the right to make changes without notice

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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

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

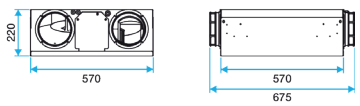
Description	Variants
Filter multipack for MODULO HRV system w/out bypass (1x Pollen+1xFine Particle)	11023146
G4 filter DEE FLY Modulo ES300 COLL with bypass (pack of 5)	11129761
G4 filter DEE FLY Modulo ES300 COLL without bypass (pack of 5)	11129762

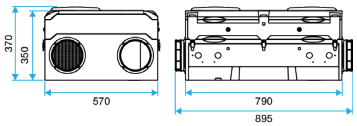
General data

Variants	Available filters	Type of exchanger	Motor Type
11023244	> pollen: - Coarse	With plates	EC

Dimensional data

Variants	A (mm)	B (mm)	C (mm)	D (mm)	Weight (kg)
11023244	570	160	220	570	17





Airflow data

Variants	Airflow at max. speed (m³/h)
11023244	250

Electrical datas

Variants	Voltage (V)	Frequency (Hz)	Max. current (A)
11023244	230	50	2

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Regulatory data

Variants	Ventilation energy class – Average climate
11023244	A