

Heat recovery ventilation unit

11023313

InspirAIR® Side 240 Premium LH

Connected heat recovery ventilation solution that matches the pace of occupant lifestyles.



InspirAIR® Side 240 Premium LH

PRODUCT BENEFITS

- more purified air: up to 90% of bacteria, pollen and fine particles eliminated,
- more design: pure and minimalist lines to blend in with the most demanding interiors,
- more control: use the AldesConnect® app to control ventilation,

Principles of operation

General and permanent ventilation of dwelling with heat recovery on exhaust air to pre-heat incoming air. This air is purified by custom filters that ensure healthy air in the dwelling.

Product description

Connected heat recovery ventilation and air purification solution with heat recovery, with filtered incoming air and indoor air renewal without heat loss.

Fields of application

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

Installation

- horizontal installation on ceiling or vertical on wall,
- condensate outlet connected to PVC Ø 32 mm duct,
- installation in heated space recommended.

Reference arguments

Application:

- Centralised heat recovery ventilation and air purification solution for multi-occupancy residential buildings or individual houses
- New builds or refurbishment projects

Description:

- More purified air: up to 90% of pollutants filtered from your indoor
- More design: sleek, minimalist lines to blend in with the most demanding interiors.
- More comfort: tempers your indoor air while isolating you from outdoor noises

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Main characteristics

- material:
 - PPE body and metal panels,
- configuration:
 - left or right (2 versions),
- airflow:
 - 150, 240, 370,
- 100% bypass as standard,
- Connectivity:
 - 0-10 V for CO2 air quality sensor,
 - modbus for integration in home automation system,
 - Aldes IBus,
 - AldesConnect® phone app,
 - heart shape condition indicator in centre of unit.
- four modes:
 - holiday,
 - auto,
 - boost,
 - guest.

Contents of kits

InspirAIR® Side Premium; 1
 Mounting kit; 1
 Wall bar; 1
 Connector D.160; 4
 Control core; 1
 Siphon; 1
 Dust filter; 1
 Fine particle filter; 1
 Modem for AldesConnect® app; 1

Accessories

Désignations	References
InspirAIR® Side 240 distribution unit	11023323
Finishing hatch InspirAIR® Side	11023321
Wall cradle InspirAIR® Side	11023322
Duct cover InspirAIR® Side 240	11023324
Ceiling penetration manifold for InspirAIR® Side 240	11023338
Duct cover 500 mm InspirAIR® Side 240	11023398
Duct finishing cover InspirAIR® Side 240	11023426
BUS pre-heating coil 1.5 kW for DEE FLY and InspirAIR®	11023225
Wired remote control 4-speed	11023334

Consumables

Désignations	References
Dust filter for InspirAIR® Side 240	11023325
Fine particle filter for InspirAIR® Side 240	11023326
Bacteria filter InspirAIR® Side 240	11023331
Pollen filter for InspirAIR® Side 240	11023340
VOC filter for InspirAIR® Side 240	11023438

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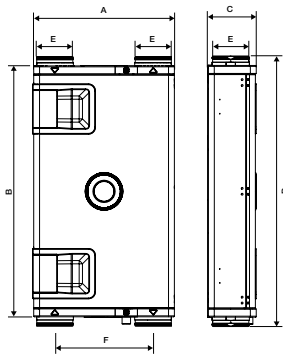
InspirAIR® Side 240 Premium LH

General data

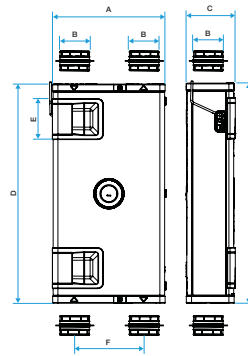
References	Available filters	Type of exchanger	Type of motor
11023313	> pollen: - Coarse 65%, > particles: - ePM10 50%, > fine particles: - ePM1 0 85%, - ePM2.5 65%. > bacteria: - ePM2.5 95%, - ePM1 80%. > VOC: - ePM10 85%, - ePM2.5 65%.	Sensitive	EC

Dimensional data

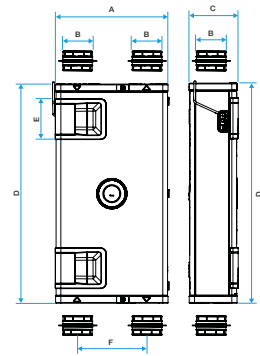
References	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Weight (kg)
11023313	600	160	250	1150	215	365	30



InspirAIR® Home SC 150 Premium



InspirAIR® Home SC 240 Premium



InspirAIR® Home SC 370 Premium

Airflow data

References	Airflow at max. speed (m³/h)
11023313	240

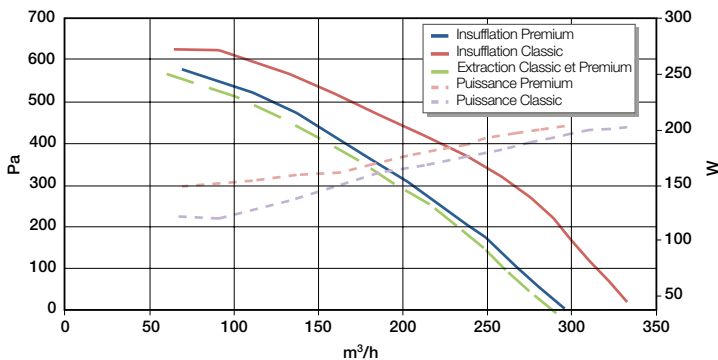
Electrical datas

References	Frequency (Hz)	Max. current (A)	Voltage (V)	Max. power
11023313	50	1,75	230	183

Regulatory data

References	Ventilation energy class – Average climate
11023313	A

Curve



> Test conditions:

- Outdoor air = dry air at 5°C, Hr <20%.
- Indoor air = dry air at 25°C, HR <20%. (EN13141-7 and EN308)

Avec filtre particules fines ou filtre COV (accessoire)