

Heat recovery ventilation unit

11023316

InspirAIR® Side 370 Premium RH

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



InspirAIR® Side 370 Premium RH

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 air,
- 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 370 distribution unit	11023327
Finishing hatch InspirAIR® Side	11023321
Wall cradle InspirAIR® Side	11023322
Duct cover InspirAIR® Side 370	11023328
Ceiling penetration manifold for InspirAIR® Side 370	11023339
Duct cover 500 mm InspirAIR® Side 370	11023399
Duct finishing cover InspirAIR® Side 370	11023427
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 370	11023329
Fine particle filter for InspirAIR® Side 370	11023330
Bacteria filter InspirAIR® Side 370	11023332
Pollen filter for InspirAIR® Side 370	11023341
VOC filter for InspirAIR® Side 370	11023439

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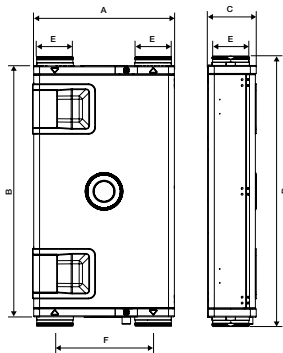
InspirAIR® Side 370 Premium RH

General data

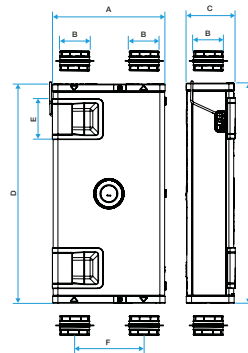
References	Available filters	Type of exchanger	Type of motor
11023316	> pollen: - Coarse 65%, > particles: - ePM10 50%, > fine particles: - ePM1 0 85%, - ePM2.5 65%. > bacteria: - ePM2.5 95%, - ePM1 80%. > VOC: - ePM10 85%, - ePM2.5 65%.	Sensitive	EC

Dimensional data

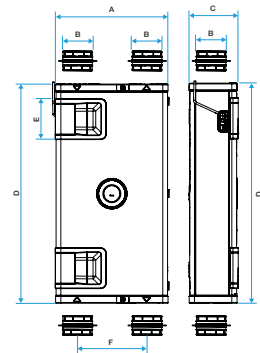
References	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Weight (kg)
11023316	670	160	300	1150	215	420	34



InspirAIR® Home SC 150 Premium



InspirAIR® Home SC 240 Premium



InspirAIR® Home SC 370 Premium

Airflow data

References	Airflow at max. speed (m³/h)
11023316	370

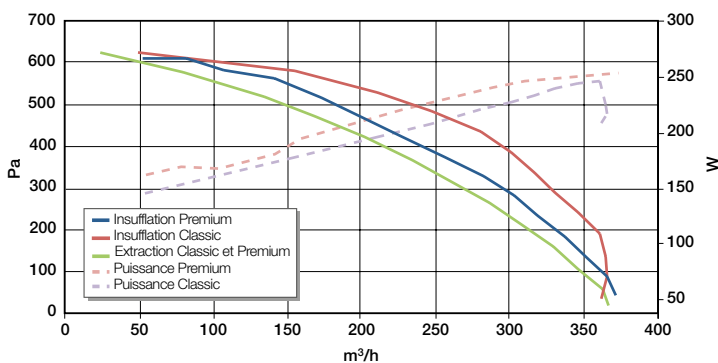
Electrical datas

References	Frequency (Hz)	Max. current (A)	Voltage (V)	Max. power
11023316	50	2	230	234

Regulatory data

References	Ventilation energy class – Average climate
11023316	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)

With fine particles or COV filter (accessories)