

Heat recovery ventilation unit

11023312

InspirAIR® Side 240 Premium RH

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



InspirAIR® Side 240 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
- 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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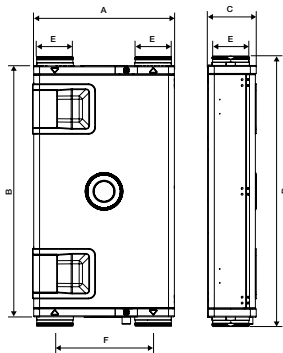
InspirAIR® Side 240 Premium RH

General data

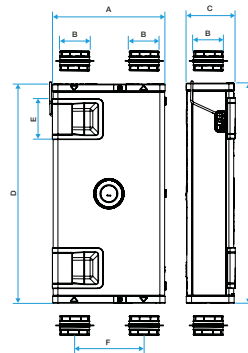
| References | Available filters | Type of exchanger | Type of motor |
|------------|---|-------------------|---------------|
| 11023312 | > pollen: - Coarse 65%, > particles: - ePM10 50%, > fine particles: - ePM1 0 85%, - ePM2.5 65%. > bacteria: - ePM2.5 95%, - ePM1 80%. > VOC: - ePM10 85%, - ePM2.5 65%. | Sensitive | EC |

Dimensional data

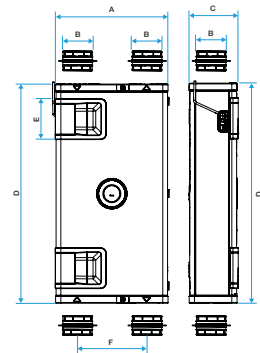
| References | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | Weight (kg) |
|------------|--------|--------|--------|--------|--------|--------|-------------|
| 11023312 | 600 | 160 | 250 | 1150 | 215 | 365 | 30 |



InspirAIR® Home SC 150 Premium



InspirAIR® Home SC 240 Premium



InspirAIR® Home SC 370 Premium

Airflow data

| References | Airflow at max. speed (m³/h) |
|------------|------------------------------|
| 11023312 | 240 |

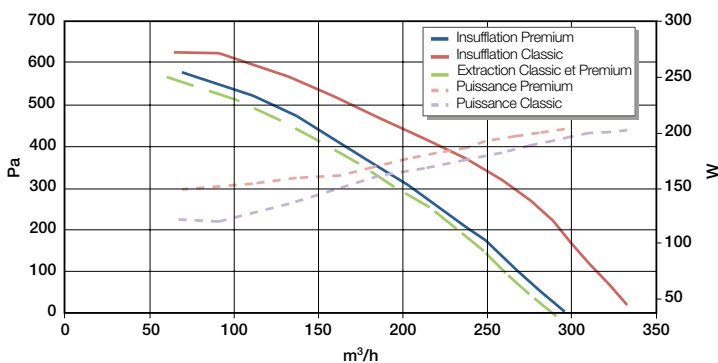
Electrical datas

| References | Frequency (Hz) | Max. current (A) | Voltage (V) | Max. power |
|------------|----------------|------------------|-------------|------------|
| 11023312 | 50 | 1,75 | 230 | 183 |

Regulatory data

| References | Ventilation energy class – Average climate |
|------------|--|
| 11023312 | 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)