

**Heat recovery ventilation unit****11023456****InspirAIR® Side 150 Premium LH**

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



InspirAIR® Side 150 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.

**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.

## Heat recovery ventilation unit

# 11023456

## InspirAIR® Side 150 Premium LH

### 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
Finishing hatch InspirAIR® Side	11023321
Wall cradle InspirAIR® Side	11023322
BUS pre-heating coil 1.5 kW for DEE FLY and InspirAIR®	11023225
Wired remote control 4-speed	11023334

### Consumables

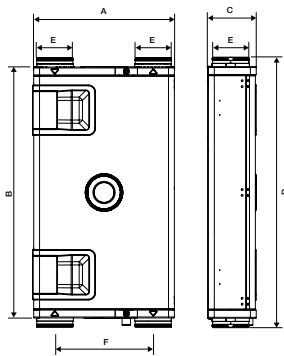
Désignations	References
Pollen filter for InspirAIR® Side 150	11023459
Fine particle filter for InspirAIR® Side 150	11023460
Bacteria filter InspirAIR® Side 150	11023461
VOC filter for InspirAIR® Side 150	11023462
Dust filter for InspirAIR® Side 150	11023469

### General data

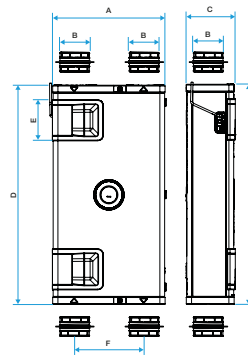
References	Available filters	Type of exchanger	Type of motor
11023456	<ul style="list-style-type: none"> <li>&gt; pollen:                             <ul style="list-style-type: none"> <li>- Coarse 65%.</li> </ul> </li> <li>&gt; particles:                             <ul style="list-style-type: none"> <li>- ePM10 50%.</li> </ul> </li> <li>&gt; fine particles:                             <ul style="list-style-type: none"> <li>- ePM1 0 85%.</li> <li>- ePM2.5 65%.</li> </ul> </li> <li>&gt; bacteria:                             <ul style="list-style-type: none"> <li>- ePM2.5 95%.</li> <li>- ePM1 80%.</li> </ul> </li> <li>&gt; VOC:                             <ul style="list-style-type: none"> <li>- ePM10 85%.</li> <li>- ePM2.5 65%.</li> </ul> </li> </ul>	Sensitive	EC

### Dimensional data

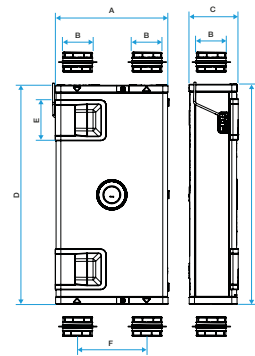
References	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Weight (kg)
11023456	600	160	200	1070	215	420	27



InspirAIR® Home SC 150 Premium



InspirAIR® Home SC 240 Premium



InspirAIR® Home SC 370 Premium

### Airflow data

References	Airflow at max. speed (m³/h)
11023456	150

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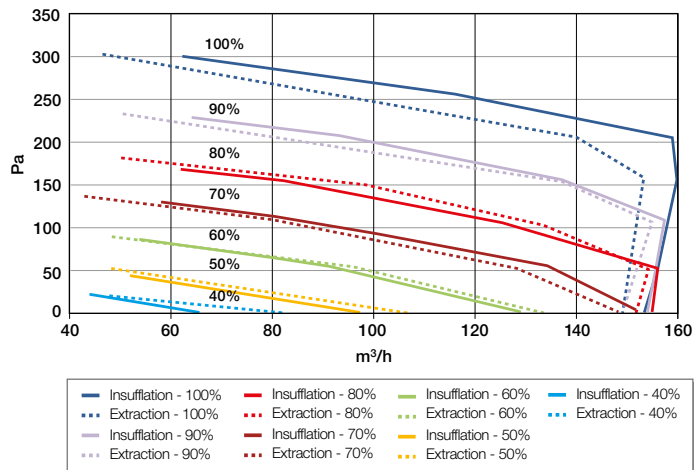
### Electrical datas

References	Frequency (Hz)	Max. current (A)	Voltage (V)	Max. power
11023456	50	1,2	230	135

### Regulatory data

References	Ventilation energy class – Average climate
11023456	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 pollens