

Heat recovery ventilation unit**11023455**
InspirAIR® Side 150 Premium RH

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



InspirAIR® Side 150 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.

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.

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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

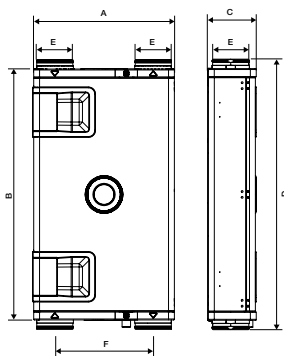
Désignations	References
Pollen filter for InspirAIR® Side 150	11023459
Fine particle filter for InspirAIR® Side 150	11023460
Bacteria filter InspirAIR® Side 150	11023461
VOC filter for InspirAIR® Side 150	11023462
Dust filter for InspirAIR® Side 150	11023469

General data

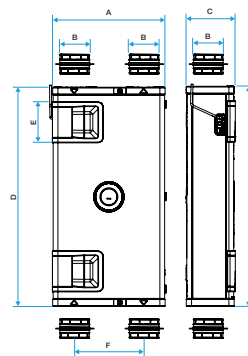
References	Available filters	Type of exchanger	Type of motor
11023455	<ul style="list-style-type: none"> > pollen: <ul style="list-style-type: none"> - Coarse 65%. > particles: <ul style="list-style-type: none"> - ePM10 50%. > fine particles: <ul style="list-style-type: none"> - ePM1 0 85%. - ePM2.5 65%. > bacteria: <ul style="list-style-type: none"> - ePM2.5 95%. - ePM1 80%. > VOC: <ul style="list-style-type: none"> - ePM10 85%. - ePM2.5 65%. 	Sensitive	EC

Dimensional data

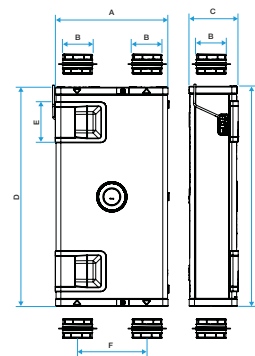
References	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Weight (kg)
11023455	600	160	200	1070	215	420	27



InspirAIR® Home SC 150 Premium



InspirAIR® Home SC 240 Premium



InspirAIR® Home SC 370 Premium

Airflow data

References	Airflow at max. speed (m³/h)
11023455	150

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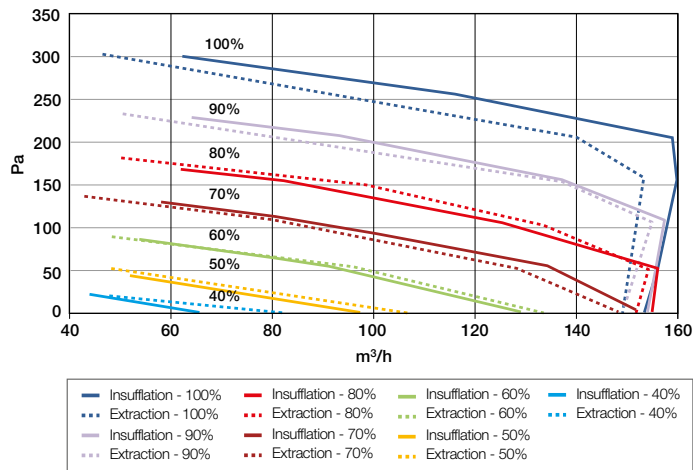
Electrical datas

References	Frequency (Hz)	Max. current (A)	Voltage (V)	Max. power
11023455	50	1,2	230	135

Regulatory data

References	Ventilation energy class – Average climate
11023455	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 pollen filter