Air handling unit

11027132
InspirAIR® Side 180 Classic DHU

Dual-flow ventilation solution that beats to the rhythm of the occupants' lives.





PRODUCT BENEFITS

The ideal range for installation in suspended ceilings or on the floor for new or renovated housing
For a «quick» installation and commissioning
Product performance and air quality benchmarks on the market

Principles of operation

General and permanent ventilation of the dwelling with heat recovery from the extracted air to preheat the incoming air.
This air is purified by customizable filters that ensure healthy air in the home.

Product description

Dual-flow ventilation solution with heat recovery that allows incoming air filtration and indoor air renewal without heat loss.

Fields of application

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

Reference arguments

Aldes InspirAIR® Side, a highly efficient double-flow ventilation solution, renews the air in your home by extracting the ambient air and supplying filtered air through its high-performance and customizable filters, while recovering the heat from the home when appropriate.
Suitable for new or renovation projects, InspirAIR® Side can adapt to the needs of the home's occupants for their well-being and comfort.

We reserve the right to make changes without notice

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Main characteristics

material:
- PPE – recyclable expanded polypropylene

configuration:
- 4 spigots Ø 160 mm
- Condensate connection with Ø32 mm outlet

available flow rates:
- 150, 180 and 300 m³/h at 200 Pa.

The range that suits all installation projects in false ceilings or on the floor
- Best size/weight compromise on the market with weights from 12 to 14 kg maximum
- Different finishes to best meet user and home expectations: Prima, Classic, Classic DHU (with detection for automatic action against humidity peaks in the home), Classic ERV DHU (with enthalpic exchanger preserving the home's humidity level and with detection for automatic action against humidity peaks in the home)

For «quick» installation and commissioning:
- choice of airflow direction at commissioning
- unique electrical box design for easy connection of all desired accessories
- electrical cable included
- commissioning assistant included in the remote control for easy start-up

Product performance and air quality benchmarks on the market
- Multi-certified products with aerodynamic and thermal performances benchmarked on the market

Complete range of distribution boxes, networks, and associated grilles to guarantee a performant and durable network over time

Humidity sensor integrated into the product (DHU models)

The widest range of filters on the market

Numerous wireless sensors and controls available

Supplementary characteristics

- Range with certified European Ecopassport
- Standard Modbus connection for Smart-home or BMS integration
- Exclusive radon mode
- Weekly programming possible via remote control or Aldes Connect app
- Compatible with the Aldes Connect app allowing residents to monitor and control their ventilation
- Range included in Aldes professional tools for study, selection, and costing

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Contents of kits

InspirAIR® Side;1
Mounting Kit;1
Particle Filter;1
Dust Filter;1

Accessories

Description	Variants
	11027068
	11027069
CMEV push button for BAHIA CURVE terminal	11026011
Duct-mounted heating coil– 0.3 kW	11023487
VEX40T internal preheating coil*	11023225
USB-RS-485 cable	11023320
	11027074
	11027073
	11027071
	11091560

Filters

Variants
11027055
11027060
11027061
11027056
11027062

Associated services

Commissioning

General data

Variants	Available filters	Type of exchanger	Motor Type
11027132	dust: -Coarse 65%, pollen: - Coarse 65%, particles: - ePM10 50%, fine particles: - ePM1 0 85%, - ePM2.5 65%, bacteria: - ePM2.5 95%, - ePM1 80%, VOCs: - ePM10 85%, - ePM2.5 65%.	Sensible	EC

Dimensional data

Variants	A (mm)	B (mm)	C (mm)	D (mm)	H (mm)	L (mm)	P (mm)	Ø (mm)	Weight (kg)
11027132	595	160	230	1040	230	1040	595	160	12

Airflow data

Variants	Max. airflow (m³/h)
11027132	180

Electrical datas

Variants	Voltage (V)	Frequency (Hz)	Max. power	Protection rating	Max. current (A)	Weighted electrical power (W–Th–C)
11027132	230	50/60	135	IP22	1,2	135

Regulatory data

Variants	Energy class – Average climate	Ventilation energy class – Average climate
11027132	A	A

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