

**Thermal insulation**

# 11027137

## INSPIRAIR SIDE 180 CLASSIC DHU KIT

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

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## INSPIRAIR SIDE 180 CLASSIC DHU KIT

**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 m<sup>3</sup>/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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## INSPIRAIR SIDE 180 CLASSIC DHU KIT

## Contents of kits

InspirAIR® Side;1  
 Mounting kit;1  
 Remote control;1  
 Siphon kit;1  
 Particle filter;1  
 Dust filter;1

## Accessories

Désignations	Variants
CMEV push button for BAHIA CURVE terminal	11026011
AldesConnect® Box Wi-Fi modem	11023386
	11027069
Duct-mounted heating coil– 0.3 kW	11023487
USB-RS-485 cable	11023320
	11027073
	11027074
VEX40T internal preheating coil*	11023225
	11027071

## Filters

Variants
11027056
11027060
11027061
11027062

## Associated services

Commissioning

## General data

Variants	Available filters	Type of exchanger	Type of motor
11027137	dust: - Coarse 65%, 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%.	Enthalpy	EC

## Dimensional data

Variants	A (mm)	B (mm)	C (mm)	D (mm)	Ø (mm)	Weight (kg)
11027137	595	160	230	1040	160	14

## Airflow data

Variants	Max. airflow (m³/h)
11027137	180

## Electrical datas

Variants	Frequency (Hz)	Protection rating	Max. current (A)	Weighted electrical power (W-Th-C)	Voltage (V)	Max. power
11027137	50/60	IP22	1,2	135	230	135

## Regulatory data

Variants	Energy class – Average climate	Ventilation energy class – Average climate
11027137	A	A