Air handling unit

# 11023473
# InspirAIR® Top 300 Classic

The heat recovery ventilation solution that efficiently filters out the smallest pollutants and adapts to your needs.



## PRODUCT BENEFITS

• for air quality: high performance filtration and customised filter recommendations,
• for performance: a complete system offering with thermal and electrical performance benchmarks in the market,

### 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

Heat recovery ventilation solution for efficient elimination of the smallest pollutants, adapts to user requirements. Connectivity available using AldesConnect® Box modem sold as an accessory.

### Fields of application

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

### Installation

- Attached using 2 wall bars provided or using feet sold as accessories,
- easy to invert airflows when installing the unit,
- mandatory condensate connections using the drain kit sold as an accessory (except for kit references)
- start-up and adjustment using the InspirAIR wired remote control supplied (except for kit references)
- compact dimensions for easy integration in a standard cupboard.

### Reference arguments

Connected heat recovery ventilation and air purification solution for efficient elimination of the smallest pollutants, adapts to user requirements.

Main characteristics:
- material:
- PPE body and metal panels,
- configuration:
- 4 x Ø 160 mm connections on top of machine.
- airflow:
- 300 m³/h.
- compact dimensions:
- 560 x 560 x 1088 mm.
- custom filter recommendations (modem accessory extra),
- exclusive radon mode.

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## Main characteristics

• Materials:
- PPE body and metal panels,
• Connection:
- 4 x Ø 160 mm connections on top of machine.
• Airflow range:
- 60 to 300 m³/h,
- 90 to 450 m³/h.
• Compact dimensions:
- 560 x 560 x 1088 mm
• Recommendations for custom filters (with modem as accessory)
• Exclusive radon mode
• Connectivity:
- AldesConnect® Box modem available as an accessory to control the unit from the AldesConnect® smartphone app
- Commissioning and maintenance with Aldes Configurator
• Control:
- 4 speeds available (Holidays, Auto, Push-button, Boost)
- Automatic 100% bypass

## Accessories

| Description | Variants |
|---|---|
| InspirAIR® Top remote control | 11023479 |
| Remote control for VEX40T CO2 | 11023480 |
| VEX40T internal preheating coil* | 11023225 |
| Duct-mounted heating coil– 0.3 kW | 11023487 |
| WAP communication module | 11023486 |
| Syphon/water trap for VEX40T/Kit | 11023483 |
| Mounting base for VEX40T/Kit | 11023484 |
| Pressure board kit InspirAIR® Top | 11023498 |
| Ceiling penet InspirAIR® Top | 11023485 |
| USB-RS-485 cable | 11023320 |
| | 11091560 |

## Filters

| Description | Variants |
|---|---|
| Dust filter InspirAIR® Top | 11023490 |
| Pollen filter InspirAIR® Top | 11023491 |
| Particle filter InspirAIR® Top | 11023492 |
| Fine particle filter InspirAIR® Top | 11023493 |
| Bacteria filter InspirAIR® Top | 11023494 |
| Particle + VOC filter InspirAIR® Top | 11023495 |
| Filter kit InspirAIR® Top 300 Classic | 11027100 |
| Filter kit InspirAIR® Top 300 premium | 11027101 |
| Filter kit InspirAIR® Top 450 Classic | 11027102 |
| Filter kit InspirAIR® Top 450 premium | 11027103 |

## General data

| Variants | Available filters | Type of exchanger |
|---|---|---|
| 11023473 | > 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%. | Counterflow |

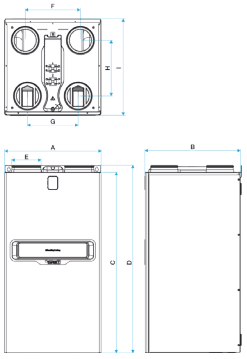

We reserve the right to make changes without notice

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## Dimensional data

| Variants | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | G (mm) | H (mm) | I (mm) | Weight (kg) |
|---|---|---|---|---|---|---|---|---|---|---|
| 11023473 | 560 | 560 | 1045 | 1088 | 160 | 320 | 294 | 323 | 560 | 28 |



## Airflow data

| Variants | Airflow at max. speed (m³/h) |
|---|---|
| 11023473 | 300 |

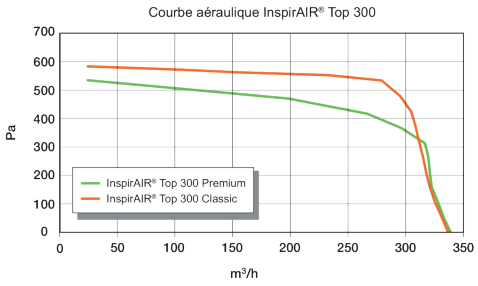
## Electrical datas

| Variants | Voltage (V) | Frequency (Hz) | Max. power | Protection rating | Max. current (A) |
|---|---|---|---|---|---|
| 11023473 | 230 | 50/60 | 240 | IP22 | 1,8 |

## Regulatory data

| Variants | Ventilation energy class – Average climate |
|---|---|
| 11023473 | A |

## Curve




> Test conditions:
- Indoor air = dry air at 5 °C, HR < 20 %.
- Indoor air = dry air at 25°C, HR < 20%. (EN 13141-7 and EN 308)