

Heat recovery ventilation unit

11023496

InspirAIR® Top 300 Classic kit

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



InspirAIR Top 300 Classic



Remote control InspirAIR

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, metal plates.
- 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,
- wired InspirAIR remote control included.

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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

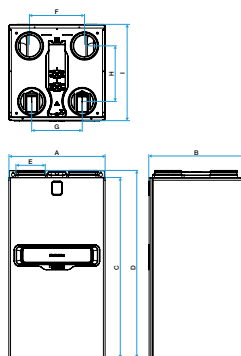
| Désignations | References |
|--------------------------------------|------------|
| USB RS485 LINK CABLE 1.8 M INSPIRAIR | 11023320 |
| Pressure board kit InspirAIR® Top | 11023498 |

General data

| References | Available filters | Type of motor |
|------------|---|---------------|
| 11023496 | > 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%. | EC |

Dimensional data

| References | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | G (mm) | H (mm) | I (mm) | Weight (kg) |
|------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------------|
| 11023496 | 560 | 560 | 1045 | 1088 | 160 | 320 | 294 | 323 | 560 | 28 |



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Airflow data

| References | Airflow at max. speed (m³/h) |
|------------|------------------------------|
| 11023496 | 300 |

Thermal data

| References | Exchanger performance (%) |
|------------|---------------------------|
| 11023496 | 94 |

Electrical datas

| References | Frequency (Hz) | Protection rating | Max. current (A) | Voltage (V) | Max. power |
|------------|----------------|-------------------|------------------|-------------|------------|
| 11023496 | 50/60 | IP65, IP67 | 1,8 | 230 | 240 |

Regulatory data

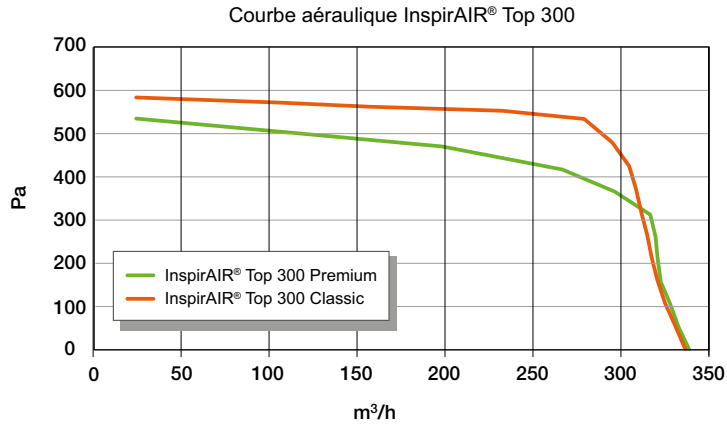
| References | Ventilation energy class – Average climate |
|------------|--|
| 11023496 | A |

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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)

Courbe aéraulique InspirAIR® Top 300