

# aldes

ENERGY RECOVERY VENTILATOR  
WITH AIR PURIFICATION



## INSPIRAIR® TOP

RESIDENTIAL VENTILATION  
265 CFM



PRODUCT BROCHURE

# HIGH-EFFICIENCY VENTILATION WITH AIR PURIFICATION

A tightly built, high-performance home conserves energy and lowers heating and cooling bills. However, homes without the proper mechanical ventilation system are affected by stale air, odors, and moisture problems. Considering that people spend over 90% of their time indoors and the indoor air is up to 8 times more polluted than outdoor air, **installing an air exchanger is the solution to improving indoor air quality.**

The InspirAIR® TOP offers **performance and efficiency in addition to effectively filtering indoor pollutants.** In fact, InspirAIR® TOP presents the widest range of filters on the market to meet the specific users' needs. In addition, the InspirAIR® TOP is **Passivhaus certified**, which means that it has been designed to drive optimal energy use.

## InspirAIR® TOP

### Light signal



Air quality is good



Air quality is deteriorating



Filter replacement alert



Major malfunction signal

6 in. ports

Easy-access to high-efficiency motors

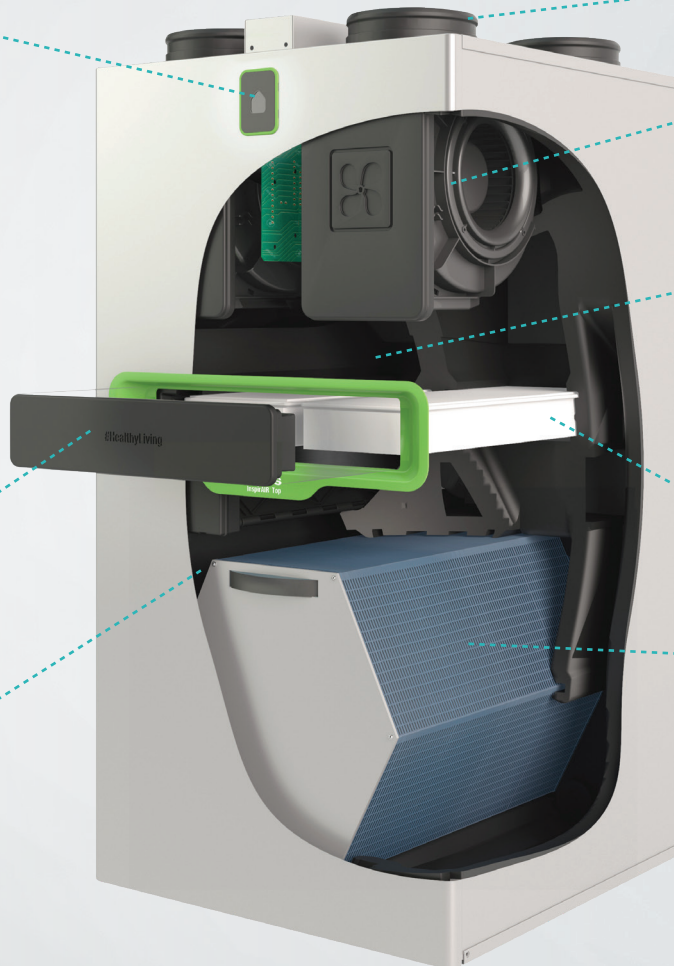
Relative humidity sensor that automatically adjusts the airflow when excessive level is detected

Adaptable air filters

High-efficiency energy recovery core

Filter cap to be removed without any tool

100% automatic bypass



## WALL CONTROLS

**Intuitive wall controls for easy operation and clear indications.**

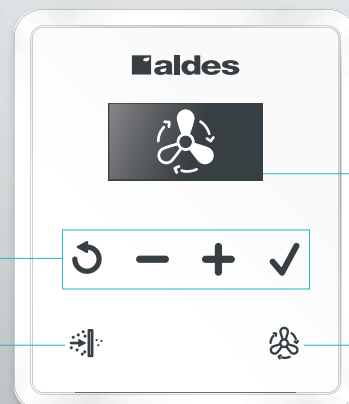
In addition to the benefits of the InspirAIR® control (included), the optional InspirAIR® CO<sub>2</sub> control measures carbon dioxide (CO<sub>2</sub>).

Browse buttons

Filter reset

Screen

Change speed



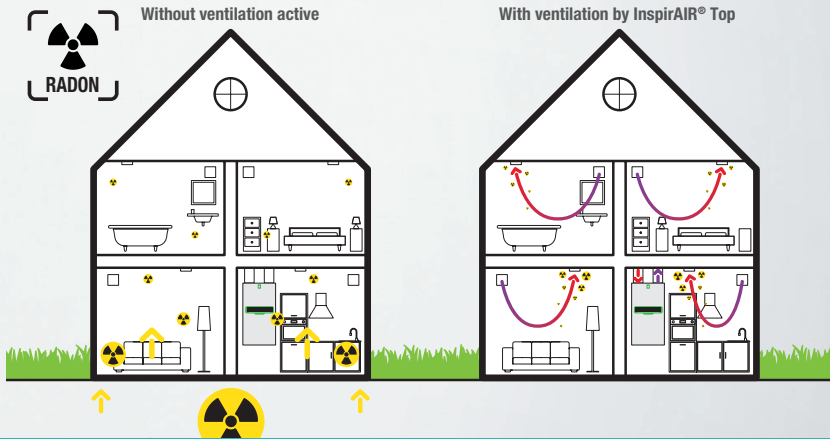
Aldes acts for air quality through the widest range of filters on the market, to cover all types of pollutants.

EXAMPLES OF POLLUTANTS	Airborne pollution: soil, sand, ash	Pollen, grass	Urban pollution, mold, smoke, aerosol	Bacteria, dust	Odours, virus
MERV 8	✓	-	-	-	-
MERV 10	✓	✓	-	-	-
MERV 13	✓	✓	✓	✓	-
MERV 15	✓	✓	✓	✓	-
MERV 13 with active charcoal	✓	✓	✓	✓	✓

Filtration levels expressed as per ISO 16980

**RADON**

Radon is a radioactive gas naturally present in the soil of certain regions. It infiltrates homes and cannot be captured efficiently by any filtration system. In the long term, exposure to this gas may be harmful to health. InspirAIR® Top acts through a rapid configuration of ventilation imbalance, meaning that air is quickly renewed in rooms without discomfort for occupants. This solution is recommended by the French Institute for Radiological Protection and Nuclear Safety (IRSN).



**INSTALLATION**

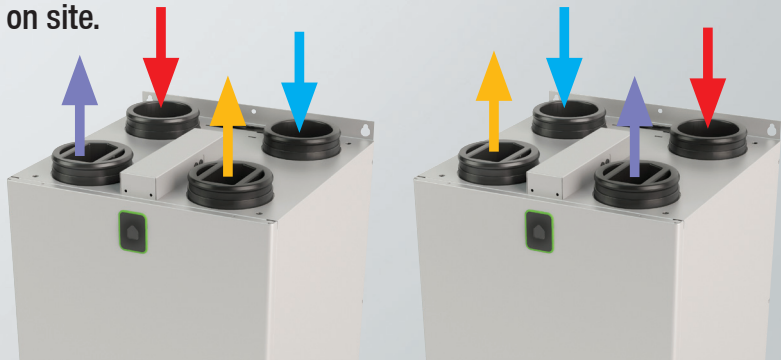


Quick and easy installation thanks to the installation bracket. The unit can also be installed on the floor using the optional support specially developed for this application.

**POSSIBLE CONFIGURATIONS**

InspirAIR® TOP is designed for easy inversion of airflows on site.

The change takes less than 5 minutes!



	InspirAIR® TOP #699673
Ventilation Capacity	265 CFM
Recovery type	ERV Counter-flow core
Maximum sensible recovery efficiency at 0°C	80%
Ports diameter	6 in.
Dimensions (inches) (Height x Width x Depth)	42- <sup>5</sup> / <sub>6</sub> x 22 x 22
Weight	90 lb.
Motors	EC
Defrost Strategy	Fan Defrost. Optional duct electric heater (sold separately)
Pressure taps to balance airflow	No
Integrated constant airflow	Yes
Standard filtration type	MERV 8 (exhaust air) and MERV 10 (fresh air)
Optional filtration type (sold separately)	MERV 13, MERV 15 and MERV 13 with active charcoal
Wall control included	InspirAIR®
Compatible wall control (sold separately)	InspirAIR® CO <sub>2</sub>
Hardware included	Installation brackets and screws
Warranty on parts	2 years
Warranty on core	2 years
PASSIVHAUS Certification	Yes



**Aldes Configurator** supports the installer through the installation, configuration, commissioning and maintenance of InspirAIR® and the complete ventilation network. It allows to save configurations and generate work reports, to provide proof of quality and traceability.



For more information, contact your  
Aldes sales advisor, visit [aldes-na.com](http://aldes-na.com),  
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