

# aldes

## ENERGY RECOVERY VENTILATOR



EXCEPTIONALLY UNMATCHED 84% SENSIBLE  
RECOVERY EFFICIENCY WITH 4" PORTS



### InspirAIR® ELITE

RESIDENTIAL VENTILATION  
130-150 CFM

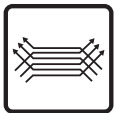
PRODUCT BROCHURE

# HIGH-EFFICIENCY VENTILATION WITH OPTIMAL RECOVERY PERFORMANCE AND EASY INSTALLATION

**Compact** in size, the new InspirAIR ELITE Series has been specially designed to deliver **optimal recovery performance**. Offering up to 150 CFM of ventilation and an exceptionally unmatched **84% sensible recovery efficiency with 4" ports**, this unit meets the most demanding requirements. Moreover, the InspirAIR ELITE series is **easy to install**, thanks to swivelling ports that support vertical, horizontal, oblique and mixed installation. These units improve indoor air quality, while reducing the building's energy use.

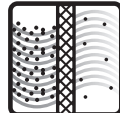
## ENERGY EFFICIENCY

84% SRE AT 0°C, 64 CFM  
COUNTER-FLOW ENTHALPIC CORE  
EC MOTORS (OPTIONAL)  
LOW CONSUMPTION UNITS



## IAQ & COMFORT

STANDARD MERV 6 FILTRATION  
MERV 8 AND 13 (OPTIONAL)  
QUIET COMFORT  
OPTIMAL HUMIDITY LEVEL



## EASY INSTALLATION

SWIVEL PORTS  
QUICK CONNECT MOTORS  
NO DRAIN REQUIRED  
DOOR PRESSURE TAPS



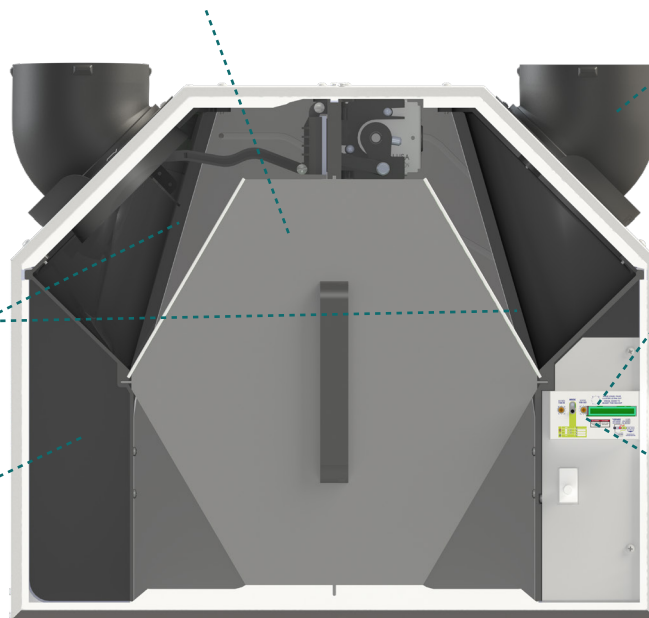
**84% sensible recovery efficiency** ALDES Polymeric Membrane Counter-Flow Core guarantees an optimal heat and humidity level and a high recovery efficiency

**Standard MERV 6 filter** offering high-quality filtration

**Optional MERV 8 and MERV 13 filters** available for superior capture of particles and pollutants

**Quick Connect** motors for easy and efficient maintenance

**VentZone®** Systems compatible models available



**Swivel ports** for horizontal, vertical, oblique and mixed installation

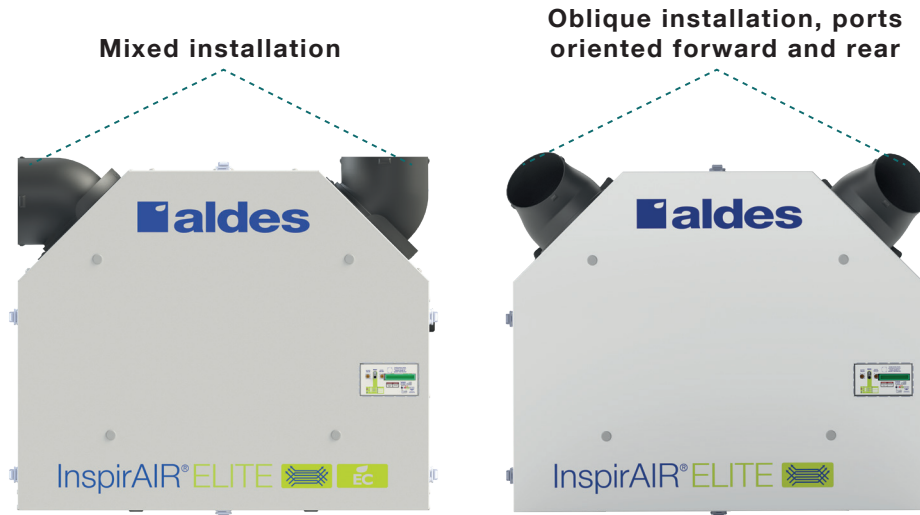
**Cold Supply Air Prevention (CSAP)** ensures that the air distribution is tempered in extreme cold which improves comfort and helps the equipment

**FLEXControl** is an exclusive electronic calibration that adjusts the supply and the exhaust blowers for an improved overall efficiency

**Easy access** to the core and filters via the front panel for effortless cleaning

## EASY INSTALLATION

Easy, adaptable installation thanks to swivelling ports allowing horizontal, vertical, oblique or mixed installation.



Models available with 4" and 5" ports.

The unit can be suspended from the ceiling using chains or wall-mounted using an optional bracket.



## SIMPLE MAINTENANCE

InspirAIR Elite Series air exchangers are specially designed to facilitate access to the recovery core and the filters. Additionally, the unit's Quick Connect motors make maintenance easy and efficient.

## WALL CONTROLS

Multiple choices of easy-to-use wall controls with different modes and options to suit user needs.



DIGITAL  
MULTIFUNCTION  
CONTROL  
(P/N 611242-FC)



LCD ELECTRONIC  
MULTIFUNCTION  
CONTROL  
(P/N 611227)



20/40/60  
MINUTE  
TIMER  
(P/N 611228)



SPEED CONTROL  
(LOW/INTERMITTENT/  
HIGH)  
(P/N 611229)



MODE CONTROL  
(RECIRCULATION)  
(P/N 611230)

# TECHNICAL SPECIFICATIONS

	EK125-TF	EK125-TQG	EK150-TFX	EK150-TQX	EK150-TF	EK150-TQG
Ventilation Capacity	130 PCM	130 PCM	154 CFM	154 CFM	148 CFM	148 CFM
Recovery Type	ERV Counter-Flow Core					
Maximum Sensible Recovery Efficiency at 0°C at 64 PCM	84%	84%	83%	83%	82%	82%
Port Diameter	4"	4"	5"	5"	5"	5"
Dimensions (inches) (Height x Width x Depth)	19 x 23 x 16					
Weight	51 lb.	52 lb.	48 lb.	49 lb.	51 lb.	52 lb.
Motors	PSC	PSC	EC	EC	PSC	PSC
Defrost Strategy	Fan Defrost	Recirculation	Fan Defrost	Recirculation	Fan Defrost	Recirculation
Pressure Taps to Balance Airflow	Yes					
Standard Filtration Type	MERV 6					
Optional Filtration Type (Sold Separately)	MERV 8 and MERV 13					
Compatible Wall Controls	Digital Multifunction Control, LCD Electronic Multifunction Control, 20/40/60-Minute Timer, Speed Control, Mode Control					
CFM/Watt	0.8	0.8	2.2	2.2	0.9	0.9
Hardware Included	Hardware Included					
Warranty on Parts	Limited 5 years					
Warranty on Core	Limited 5 years					
ENERGY STAR® Certified	No	Yes	No	Yes	No	Yes

VentZone® Systems compatible models available : EK150-TFX-V5, EK150-TQX-V5, EK150-TF-V5, EK150-TQG-V5  
Please refer to the specification sheet for all information regarding these models.



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



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170125 - InspirAIR FRESH Brochure.  
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