



HEAT AND ENERGY RECOVERY VENTILATORS



UP TO 84% SENSIBLE RECOVERY EFFICIENCY



InspirAIR® ELITE

RESIDENTIAL VENTILATION
130 TO 170 CFM

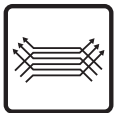
PRODUCT BROCHURE

HIGH-EFFICIENCY VENTILATION WITH OPTIMAL RECOVERY PERFORMANCE AND EASY INSTALLATION

Compact in size, the InspirAIR ELITE Series has been specially designed to deliver **optimal recovery performance**. Offering up to 170 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.

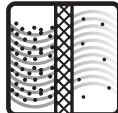
ENERGY EFFICIENCY

UP TO 84% SRE AT 0°C, 64 CFM
HIGH-EFFICIENCY HRV AND ERV CORES
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 (ERV)
DOOR PRESSURE TAPS



Up to 84% sensible recovery efficiency ALDES high-efficiency core guarantees an optimal heat and/or humidity level and a high recovery efficiency

Swivel ports for horizontal, vertical, oblique and mixed installation

Standard MERV 6 filters offering high-quality filtration

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

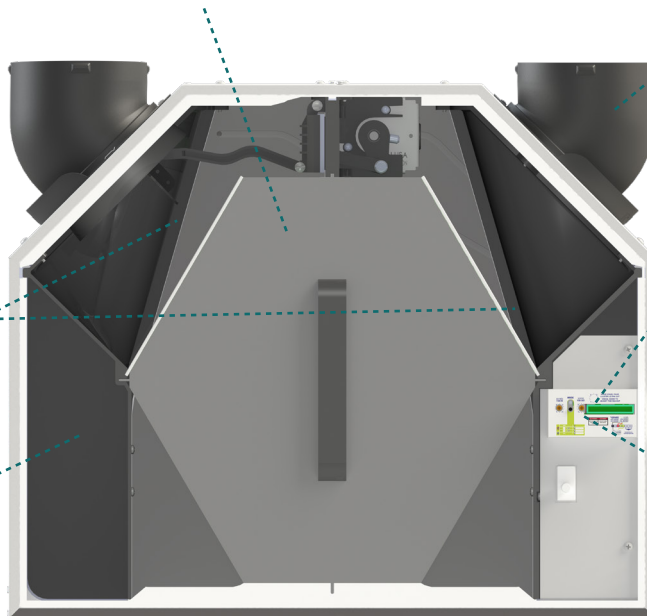
Quick Connect motors for easy and efficient maintenance

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

VentZone® Systems compatible models available

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.

Mixed installation



Oblique installation, ports oriented forward and rear



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

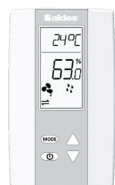
InspirAIR Elite Series air exchangers are specially designed to facilitate access to the heat or recovery core and the filters. Additionally, the unit's Quick Connect motors make maintenance easy and efficient.

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	HK150-TF	HK150-TQG	E170-TQG
Ventilation Capacity	130 PCM	130 PCM	154 PCM	154 PCM	148 PCM	148 PCM	161 PCM	161 PCM	171 PCM
Recovery Type	ERV Counter-Flow Core						HRV Counter-Flow Core		ERV Core
Sensible Recovery Efficiency at 0°C at 64 PCM	84%	84%	83%	83%	82%	82%	82%	82%	72%
Port Diameter	4"	4"	5"	5"	5"	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.	45 lb.	46 lb.	41 lb.
Motors	PSC	PSC	EC	EC	PSC	PSC	PSC	PSC	PSC
Defrost Strategy	Fan Defrost	Recirculation	Fan Defrost	Recirculation	Fan Defrost	Recirculation	Fan Defrost	Recirculation	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	0.8	0.8	0.7
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	No	No	No

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,
or find us on



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