Product brochure



InspirAIR®

APEX

AT THE PEAK OF PERFORMANCE

Energy recovery ventilators

For high-rise residential towers

aldes | At the heart of buildings

Elevating Every Standard

Built on Aldes' proven expertise, the InspirAIR® APEX Series brings reliability, performance, and installation simplicity to their highest level. Engineered to deliver consistent results you can count on, APEX combines robust design with installer-friendly features—all within a single, high-performance platform.

THE APEX OF PERFORMANCE

- High-efficiency counterflow ERV core
- Up to 85% SRE
- Protected and effective in cold climate with 65% SRE at -25°C/-13°F
- Low consumption EC Constant Airflow Motors: 1.9 CFM/Watt
- VentZone® system compatible

PROVEN ALDES RELIABILITY

- Aldes, 100 years of expertise and international presence
- Aldes Group approved Suppliers
- Constant Airflow motors maintain accurate airflow over time despite changing conditions

PEAK SIMPLICITY

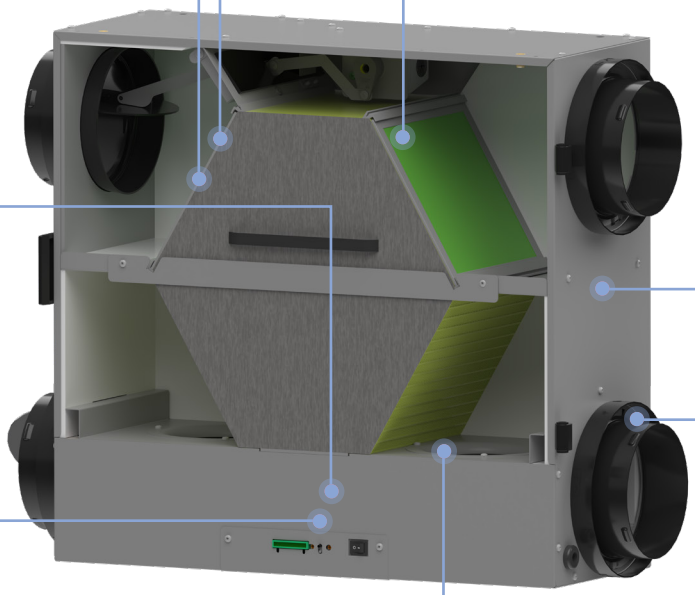
- Airflow capacity from 80 to 165 CFM to cover a wider range of dwellings
- Quick and easy airflow adjustment with FLEXControl
- Horizontal and vertical installations
- Quick-connect Twist-in collars

Everything needed to reach high efficiency standards
85% SRE at 0°C/32°F and 65% at -25°C/-13°F.
ENERGY STAR® Certified.

Cold Supply Air Prevention (CSAP)
Ensures tempered air distribution during extreme cold, which improves comfort and helps protect the equipment

Exclusive FLEXControl™ technology enables quick, accurate electronic airflow balancing in less than 2 minutes, simplifying commissioning and saving valuable installation time.

The speed is easily adjustable from 80 to 165 CFM (high speed).



Standard MERV 8 filter offering high-quality filtration

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

Low-profile design of 9.75" for a clean installation in restrictive spaces

Twist-in collars
(4) easy flex-ducts attachment

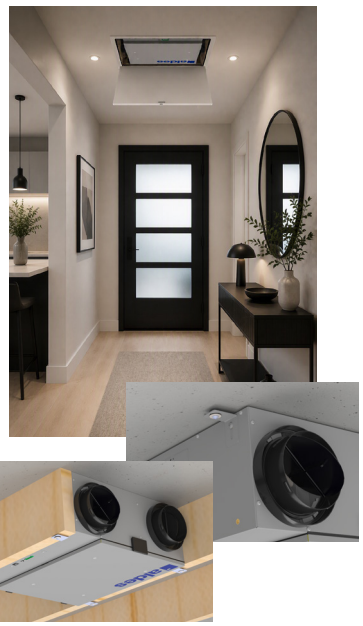
ECM with Constant Airflow Motors to offer exeptional comfort, precision and durability. The motors have a low power consumption of 1.9 CFM/Watt

Can be combined to 2 ZRTs to provide a maximized ventilation efficiency with the **VentZone® system**.

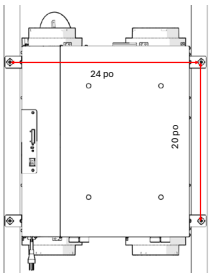
VentZone® Systems

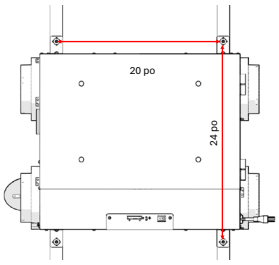
FLEXIBLE BY DESIGN

Thanks to its exclusive mounting brackets, the unit can be installed quickly in multiple configurations - vertical or horizontal, on the wall or at the ceiling - to fit your space and your project needs.

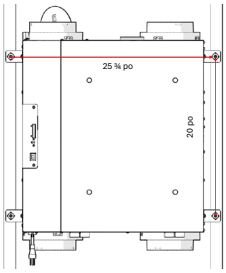


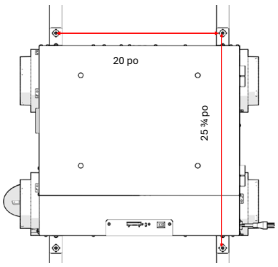
SEK160-FX





SEK160-RX





ONE SMARTER SYSTEM

VentZone® combines centralized zoned exhaust, whole-house ventilation, and heat and energy recovery into one smart, efficient system. It delivers continuous ventilation throughout the home, with on-demand boost where extra ventilation is needed. By removing exterior penetrations, installation become simpler and more efficient.



WHY VENTZONE®?

Saving Time and Money

- One system to install and maintain instead of 3-4+ systems.
- Can be installed by the same contractor as the H-ERV system.
- A simpler system to operate and maintain.

Efficiency Gains

- No additional penetrations required.
- Maintains balanced ventilation improving energy efficiency and building durability.
- Recovers heat from bathroom exhaust air.

Comfort & Indoor Air Quality

- Two-speed ventilation: low speed for continuous operation and high speed on demand.
- Concentrates ventilation where it is needed.
- Quiet and effective operation.

TECHNICAL SPECIFICATIONS

	SEK160-RX	SEK160-FX
Ventilation Capacity	165 CFM	
Recovery Type	ERV	
Maximum sensible recovery efficiency	85%	
Maximum sensible recovery efficiency at 0 °C (32 °F), 64 CFM	81%	
Maximum sensible recovery efficiency at -25 °C (-13 °F), 64 CFM	65%	57%
Port Diameter	6"	
Dimensions (inches) (Height x Width x Depth)	9-3/4 x 22-11/16 x 24	9-3/4 x 21 x 24
Weight	46 lb.	45 lb.
Motors	ECM with Constant Airflow	
Defrost Strategy	Recirculation	Evacuation
Pressure Taps to Balance Airflow	Yes	
Standard Filtration Type	MERV 8	
Optional Filtration Type (Sold Separately)	MERV 13	
Compatible Wall Controls	Digital Multifunction Control, LCD Electronic Multifunction Control, 20/40/60-Minute Timer, Speed Control, Mode Control	
CFM/Watt	1.9	
Mirror version (M)	SEK160-RX-M	SEK160-FX-M
Fixed connection version (N)	SEK160-RX-N	SEK160-FX-N
Hardware Included	Easy installation thanks to exclusive mounting brackets, allowing multiple configurations: vertical or horizontal, wall- or ceiling-mounted.	
Warranty on Parts	Limited 5 years	
Warranty on Core	Limited 5 years	
ENERGY STAR® Certified	Yes	No

CONTROL MADE SIMPLE

Easy-to-use wall controls with multiple modes and options to meet every user's needs.



Digital Multifunction Control
(No. 200500242_FC)



LCD Electronic Multifunction Control
(No. 200500227)



20/40/60 Minute timer
(No. 200500228)



Speed control
(low/intermittent/high)
(No. 200500229)



Mode Control
(recirculation)
(No. 200500230)

For more information, contact your Aldes sales advisor or visit aldes-na.com

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