VentZone® Systems

Perfectly suited for residential applications, VentZone® Systems combine ZRT demand-controlled zone register terminals with an H-ERV system to deliver one of the quietest and most energy-efficient ventilation solutions available. By replacing conventional exhaust fans and static grilles, ZRT terminals intelligently regulate airflow where and when it is needed. This demand-controlled, zone-by-zone approach reduces energy consumption, enhances indoor comfort, and minimizes the load on heating and cooling systems.





CAR3 – THE CORE OF ALDES AIRSIDE PRODUCTS

The key components to balance your ventilation project, allowing in-duct automatic regulation to the set airflow value. No electrical wires are required with this entirely mechanical solution, tailored to simplify the work of engineers, contractors and installers.

- Precisely regulate airflow
- Patented dual side adjustment
- High- and low-pressure range
- 4 to 6", covering 15 to 250 CFMs
- UL Classified 2043
- Enhanced with anti-microbial and anti-static properties
- Maintenance free

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

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Aldes reserves the right to make any modifications to its products in line with technological advancements. Images are for illustrative purposes only.

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Residential ventilation

Product Lineup

Multi-family

At the heart of buildings

RESIDENTIAL VENTILATION SOLUTIONS

		InspirAIR® Compact Slim design, ideal for residential buildings	InspirAIR® Compact Specifically designed to deliver exceptional energy efficiency in tight spaces				InspirAIR® APEX Engineered to reach the Apex of efficiency, installation simplicity, and reliability.	
Models		**E130-HR**	**EK80-HF**	**EK80-HR**	**EK80-HFX**	**EK80-HRX**	**SEK160-RX**	**SEK160-FX**
Recovery type		ERV	ERV	ERV	ERV	ERV	ERV	ERV
CFM	**Net Airflow @ 0.2 in.wg**	129	87	87	95	95	165	165
	Net Airflow @ 0.4 in.wg	117	77	77	88	88	161	161
Max Rated SRE at 0°C/32°F		71%	79%	80%	79%	80%	85%	85%
SRE	**Sensible recovery efficiency 0°C/32°F**	71%	72%	72%	73%	73%	81%	81%
	Sensible recovery efficiency -25°C/-13°F (at 64 CFM)	55% (53 CFM)	-	61% (49 CFM)	-	60% (51 CFM)	65% (65 CFM)	57% (61 CFM)
Ports diameter		5 in.	5 in.				6 in.	
Dimensions (inches) (Height x Width x Depth)		22-7/8 x 27-3/4 x 9-1/4	9 x 20 x 20				9-3/4 x 22-11/16 x 24	9-3/4 x 21 x 24
Motor type		PSC	PSC	PSC	EC	EC	ECM	
CFM/Watt		0.8	1.1	1.1	1.5	1.5	1.9	
Filtration type		Foam	Foam				MERV 8 (No. 200500962)	
Optional filtration type (sold separately)		MERV 8 and MERV 13	MERV 6, MERV 8 and MERV 13				MERV 13 (No. 200500963)	
Defrost Strategy		Recirculation	Evacuation	Recirculation	Evacuation	Recirculation	Recirculation	Evacuation
Mirror version		Yes						
Hard-wired version		Yes						
Constant Airflow		No	No				Yes	
FlexControl		Yes						
Simple installation		Ceiling installation with an exclusive bracket specially designed to simplify the installation process.	Ceiling installation with an exclusive bracket specially designed to simplify the installation process.				Easy installation thanks to exclusive mounting brackets, allowing multiple configurations: vertical or horizontal, wall- or ceiling-mounted.	
Warranty (parts / core)		5 years / 5 years						
Compatible wall controls		Digital Multifunction Control, LCD Electronic Multifunction Control, 20/40/60 Minute Timer, Speed Control, Mode Control						
ENERGY STAR* Certification		No	No	Yes	No	Yes	Yes	No

*This product earned the ENERGY STAR® by meeting strict energy efficiency guidelines set by Natural Resour ces Canada and the US EPA.
It meets ENERGY STAR® requirements only when used in Canada.

WALL CONTROLS

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

MODEL NOMENCLATURE

