



AI SERIES

# Air Exchangers



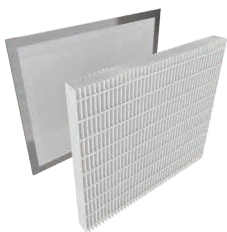
Today's homes are better insulated and sealed than ever before—trapping moisture, stale air, and dust inside the house.

For more than 40 years, vänEE has been the leader in indoor air quality. Thanks to our air exchangers, stale and polluted air is removed from homes. Get the ultimate in fresh air and energy efficiency with our **AI series**, featuring our exclusive **VIRTUO™ Air Technology**. VIRTUO only has one thing on its mind: the homeowner's comfort.



## Self-Adjusting Smart Technology

Introducing VIRTUO, an innovative smart technology designed to provide 100% efficiency and superior air quality in hot or cold weather all year round. VIRTUO maintains optimal indoor air quality and comfort by making quick decisions using current indoor and outdoor conditions. It detects changes and instantly adjusts the air exchanger's operation to consistently deliver the proper amount of fresh air with minimal energy consumption.



### Superior Air Filtration

AI series units provide superior filtration thanks to their standard-issue high-grade MERV 8 filters, which capture lint, dust, pollen, dust mites, debris and spores. Even more powerful filtration is available with an optional MERV 13 filter upgrade.



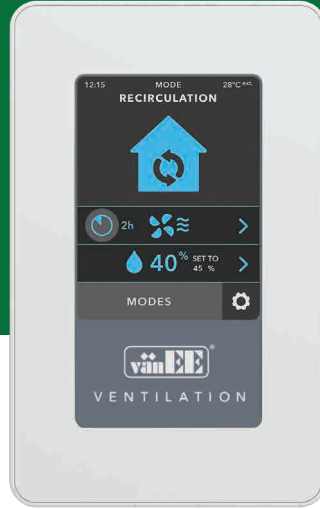
### Energy-Efficient Motors

Powerful, efficient and reliable motors ensure peace of mind while offering ultra-quiet performance and durability. PMSM ECM motors also provide up to 60% energy savings compared to other units on the market.

Get optimal energy recovery, savings, and comfort automatically.  
And let VIRTUO protect your property's integrity and value.

## Controls

When things are simple, everything is so much easier. Take full control of your AI series air exchanger with simple, easy-to-navigate controls. These stylish and user-friendly controls are designed to blend with most contemporary decors. Available in a range of options, the new controls have the right options to meet your needs.



**Automatic Control**  
41304



**Dehumidistat Control**  
41302



**20-40-60 Deluxe Control**  
41301



**20-40-60 Control**  
41300

### Advanced Touchscreen Control

41303

- Advanced support and information for a greatly enhanced user experience
- Revamped design that blends with contemporary decors like never before
- Variety of font options to change the appearance of the wall control
- Range of flexible options and automatic modes to meet specific needs

## Technical Features

SPECIFICATIONS	V110H65RS V110H65RT	V130H65RS V130H65RT V130E65RS V130E65RT	V160H65RS V160H65RT V160E65RS V160E65RT	V150H75NS V150H75NT V150E75NS V150E75NT	V160H75RS V160H75RT V160E75RS V160E75RT
RECOVERY TYPE	HRV	HRV/ERV	HRV/ERV	HRV/ERV	HRV/ERV
CFM at 0.2 in. w.g.	110 CFM	130 CFM	160 CFM	150 CFM	160 CFM
CFM at 0.4 in. w.g.	95 CFM	115 CFM	150 CFM	140 CFM	150 CFM
SRE 32°F   0°C	65% (64 CFM)	65% (64 CFM)	65% (64 CFM)	75% (64 CFM)	75% (64 CFM)
SRE -13°F   -25°C	60% (64 CFM)	60% (64 CFM)	60% (64 CFM)	65% (64 CFM)	65% (64 CFM)
CFM/WATT	HRV: 2.2 CFM/WATT	HRV: 2.2 CFM/WATT	HRV: 2.2 CFM/WATT	HRV: 2.2 CFM/WATT	HRV: 2.2 CFM/WATT
VIRTUO AIR TECHNOLOGY	Yes	Yes	Yes	Yes	Yes
MOTOR	ECM PMSM				
FILTRATION	MERV 8 (included), optional MERV 13 (part number V24285)				
DIMENSIONS (H x W x D)	Side ports: 19-1/8 x 23-1/2 x 16-1/8 in.   Top ports: 21-1/2 x 21 x 16-1/8 in.				
PORTS CONFIGURATION	Round, top or side, 5 in.	Round, top or side, 5 in.	Round, top or side, 6 in.	Round, top or side, 5 in.	Round, top or side, 6 in.
RECIRCULATION	Yes	Yes	Yes	No	Yes
HARDWARE INCLUDED	Drain hose with integrated "snap-in" (HRV only), universal brackets, chains and screws				
WARRANTY	Parts: 5 years   HRV core: limited lifetime   ERV core: 5 years				

Authorized dealer

