

Bronze Series 70E

**NEW! ULTRA-THIN AIR EXCHANGERS
FOR HIGH-RISE RESIDENTIAL TOWERS.**



We know air inside out

PERFECTLY INTEGRATED INTO THE CEILING

THE solution for high-rise residential towers

vänEE has achieved a major breakthrough—an innovative line of 115 CFM air exchangers with unmatched energy efficiency in a design **only 9 inches thick**. The ingenious new Bronze Series **70E models** meet all of today's building requirements and are easily integrated into the ceiling of each housing unit. A profitable solution at every step in your project!

Outstanding comfort at a very comfortable price

Our new line of air exchangers is available in four models: the **70E, 70E+, 70En+** and the **70E ECM**. Each model provides independent air circulation and exceptional comfort year round. The models 70E+ and 70En+ are **ENERGY STAR®** qualified. The 70En+ is also eligible for the Novoclimat 2.0 program.



LONG-LASTING EFFICIENCY

The Bronze Series 70E models are the culmination of our air quality experience. Not only will you appreciate their renowned vanEE sturdiness and durability, you'll also love their performance and practical benefits.

UP TO 2.3 CFM/WATT

70E ECM is equipped with 2 state-of-the-art **ECM motors** providing significant electrical consumption savings (52% average compared to standard motors). Models 70E, 70E+ and 70En+ also offer an excellent ratio of 1.2 CFM/WATT with their two powerful and reliable PSC motors.

ENERGY STAR[®] QUALIFIED*

Up to **67% heat recovery efficiency** (sensible recovery efficiency–SRE) at 0°C and an optimal total recovery efficiency of 54% at 35°C (48 CFM). Those products meet strict energy efficiency guidelines set by Natural Resources Canada and the US EPA.

*Models 70E+ and 70En+.



115^{CFM}

AT 0.2 IN. OF WATER

for condo units, even with large surface areas. The exclusive, cutting-edge ventilator design with an airflow rate of 115 cubic feet per minute ensures effective ventilation regardless of the large pressure differentials in condo towers.

33[%]

QUIETER

than other systems on the market. Advanced vanEE blower design significantly reduces noise from air displacement in the ERV. The integrated **anti-vibration** installation system eliminates noise associated with installation directly onto concrete ceilings.

EASY INSTALLATION

Easy and fast **in-ceiling installation** with innovative snap-fit brackets and an ingenious snap-in hooking system that significantly reduces installation time. Strong, 100% metal components for jobsite conditions.

PEACE OF MIND

The models 70E, 70E ECM and 70E+ are equipped with the **ColdShield™ cold protection system** to ensure supply air is tempered even under extremely cold conditions, helping to protect equipment.

The models 70En+ and 70E + are offering the **Homesield™ protection**, that prevents ice build-up on recovery module without creating negative indoor air pressure.



ULTRA-THIN

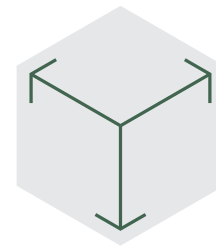
ONLY 9 INCHES THICK!

The thinnest available air exchanger for high-rise towers. Meets all clearance requirements for in-suite ventilation.



NO DRAIN REQUIRED

The high-performance energy recovery core efficiently recovers heat and humidity, reducing heating and cooling costs and ensuring incomparable comfort. Furthermore, this technology requires no drain, which facilitates installation.



MAXIMUM LIVING SPACE

In-suite installation frees up space traditionally reserved for mechanical equipment, **maximizing total net saleable area** for each unit. **A profitable solution.**



vänEE QUALITY

vänEE has been a pioneer in the ventilation industry for over thirty years. Our products are renowned for their performance, reliability, and long service life, which is why they have been a preferred choice for building contractors since day one. Our Bronze Series 70E ultra-thin air exchangers are perfectly in keeping with our tradition of excellence and innovation.






70E+ / 70EN+



70E / 70E ECM



TECHNICAL CHARACTERISTICS

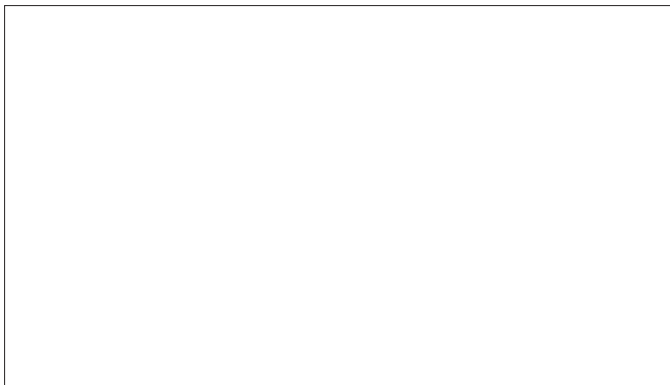
Specifications	70E	70E+ / 70En +	70E ECM
Part number	41800	41802 / 41806	41808
Maximum continuous air flow (at 0.2 in. w.g.)	115 CFM	114 CFM	111 CFM
Maximum continuous air flow (at 0.4 in. w.g.)	102 CFM	101 CFM	105 CFM
Sensible recovery efficiency at 0°C (48 CFM nominal)	67%	67%	70%
Sensible recovery efficiency at -25°C (48 CFM nominal)	51%	61%	46%
Sensible recovery efficiency at -10°C (48 CFM nominal)	65%*	65%*	68%
Total recovery efficiency at 35°C (48 CFM)	54%	54%	52%
Port diameters	5 in.	5 in.	5 in.
Dimensions (H x W x D)	9 x 27 1/8 x 20 in.	9 x 27 1/8 x 23 1/8 in.	9 x 27 1/8 x 20 in.
Pressure taps to balance air flow	Yes	Yes	Yes
Balancing dampers	Yes	Yes	Yes
Fan efficacy	1.2 CFM/W	1.2 CFM/W	2.3 CFM/W
Power consumption	44W	40W	21W
Wall control compatibility	Lite-Touch, Deco-Touch, Bronze	Lite-Touch, Simple-Touch, Deco-Touch, Bronze, Platinum	Lite-Touch, Deco-Touch, Bronze
Warranty on parts	5 years	5 years	5 years
Warranty on core	5 years	5 years	5 years
Protection type	Coldshield™	Coldshield™ & Homeshield™ / Homeshield™	Coldshield™
 	Yes	Yes	Yes
	No	Yes	No

This product earned the ENERGY STAR® by meeting strict energy efficiency guidelines set by Natural Resources Canada and the US EPA.

It meets ENERGY STAR® requirements only when used in Canada.

*These data have not been tested for HVI certification.

AUTHORIZED DEALER



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