



Gold Series

## vănEE 2001 ERV

Part no. 45808

117 to 214 CFM (0.3 in. w.g.)

110 to 201 CFM (0.4 in. w.g.)



VB0024

### FOR RENOVATION AND CUSTOM BUILT HOUSES

Designed for homeowners seeking best performance, added value, quality and a longer warranty. Recognized for its unsurpassed quality and superior craftsmanship, the Gold Series reflects a new level of exceptional performance. It is guaranteed to satisfy the homeowner looking for durability, reliability and performance. The Gold Series: The best of the vănEE experience.

#### Solid Performances

- Best energy recovery in its category
- Best airflow range in its category
- Exclusive convertible ERV (Latent Recovery Core) to an HRV
- Gold Series blower design makes the unit quieter than ever

#### Superior Craftmanship

- External electrical access side panel
- Integrated balancing dampers
- All parts removable in 5 minutes
- Aluminum framed foam filter
- Improved sliding system for core insertion
- Exclusive, deeper one piece condensation tray to prevent water leakage
- No sharp angles on metal parts
- Exclusive, reinforced cabinet
- Improved defrost damper and damper mechanism, designed to operate during the toughest weather conditions

#### Tradition of Quality

- Proven technology and mechanical simplicity for energy recovery
- Low motor temperature operation for longer life expectancy
- 5-year warranty

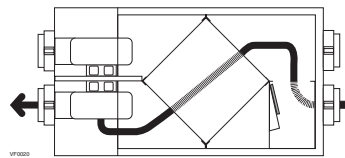
Available at:

## ENERGY RECOVERY VENTILATOR

### Controls and options

- Our main control Platinum (no. 40460) allows you to manage your ventilation with a programmable mode. This control also features our fully automated optimizer mode called the Smart mode
- The following main control is also available:
  - Basic no. 40210
- One or more of the following optional controls can be added:
  - 20/40/60-minute push button no. 03701
  - 60-minute mechanical timer no. 00910
- Integrated furnace interlock relay
- Complete line of registers and diffusers available
- Electric duct heater
- On-line filters

### No Negative Pressure Defrost



OUTSIDE TEMPERATURE		DEFROST CYCLE DEFROSTING MIN./ OPERATING MIN.
°C	°F	
WARMER THAN -5°	WARMER THAN 23°	No DEFROST
-5 TO -15	23 TO 5	6/32
-15 & COLDER	5 & COLDER	6/20

### Energy Recovery Core

Dimensions: 12" x 12" x 16.75" (30.5 cm x 30.5 cm x 42.54 cm)

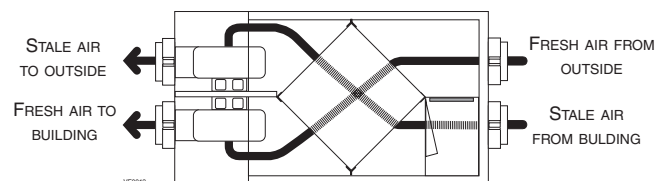
Exchange surface: 156 ft<sup>2</sup> (14.51 m<sup>2</sup>)

Weight: 10.5 lb (4.76 kg)

Type: Crossflow

Material: Enthalpic transfer media

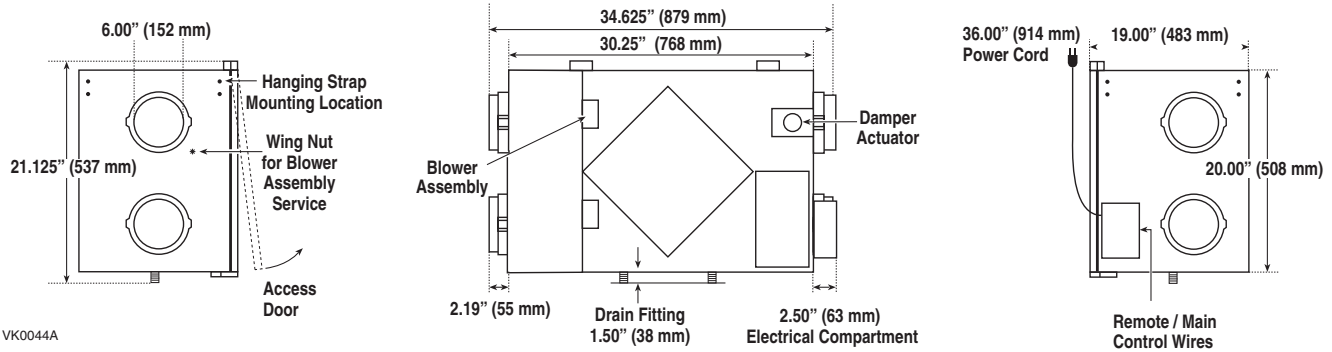
Warranty: 5 years



### Requirements and Standards

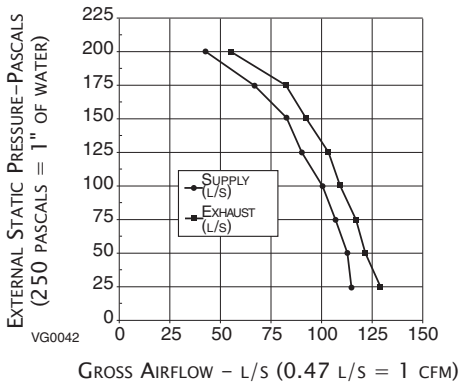
- Complies with the CSA C22.2 no. 113 Standard applicable to ventilators
- Complies with the CSA C444 requirements regulating the installation of Energy Recovery Ventilators
- Technical data was obtained from published results of tests relating to CSA C429 Standards
- HVI certified

# Dimensions and Service Clearances: vänEE 2001 ERV



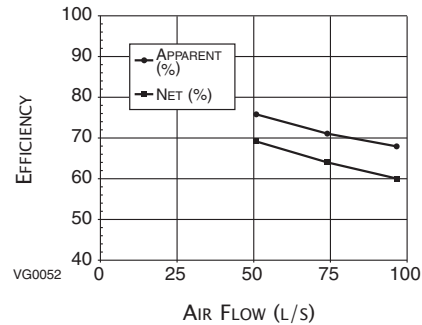
## Ventilation Performance

EXTERNAL STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW			
				SUPPLY		EXHAUST	
Pa	in. w.g	l/s	cfm	l/s	cfm	l/s	cfm
25	0.1	109	231	116	245	128	271
50	0.2	107	228	114	241	123	260
75	0.3	101	214	107	227	118	249
75	0.4	95	201	101	213	110	233
100	0.5	86	182	91	193	103	217
125	0.6	79	167	83	177	92	195
150	0.7	62	132	66	140	81	172
175	0.8	40	85	43	90	55	116



## Energy Performance

SUPPLY TEMPERATURE		NET AIR FLOW		AVERAGE POWER WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY MOISTURE TRANSFER
C°	F°	L/S	CFM				
HEATING							
0	32	52	110	93	69	76	0.45
0	32	74	157	130	64	71	0.38
0	32	96	203	193	60	68	0.30
-15	5	52	110	122	55	76	0.26
COOLING							
35	95	50	106	89	TOTAL RECOVERY EFFICIENCY		41



## Specifications

- Model: vänEE 2001 ERV
- Part Number: 45808
- Total Assembled Weight: With entalpic transfert media core: 73 lb (33 kg)
- Supply Air Duct Connections: 6" diameter
- Exhaust Air Duct Connections: 6" diameter
- Drains: 1/2" fittings
- Filters: 30 ppi washable reticulated foam 11.75" x 16.75" x 0.75" (29.85 x 42.55 x 1.9 cm)

- Housing: Pre-painted steel
- Insulation: 1" aluminum foil faced fiberglass
- Mounting: Reinforced rubber straps (or chains) and hardware provided to suspend unit
- Supply & Exhaust Blower Motors:
  - Bearings: Sleeve bearings
  - Type: PSC

- Fan Speed Control:
  - Low, increased low & high speed
  - Two speeds available to user
  - Low or increased low speed is selected at the time of installation
- Unit Electrical Characteristics:
  - Voltage: 120 Volts
  - Power: 202 Watts
  - Current: 1.9 Amperes

NOTE: All specifications are subject to change without notice.

PROJECT:	REMARKS
LOCATION:	
MODEL NO.:	
QTY.:	
SUBMITTED BY:	DATE:



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