



Gold Series

## vănEE 2001 HRV

Part no. 45828

114 to 250 CFM (0.3 in. w.g.)

108 to 235 CFM (0.4 in. w.g.)



VB0024

### FOR RENOVATION AND CUSTOM BUILT HOUSES

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

#### Superior Craftsmanship

- 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 housing
- Improved defrost damper and damper mechanism, designed to operate during the toughest weather conditions

#### Tradition of Quality

- Proven technology and mechanical simplicity for heat recovery
- Low motor temperature operation for longer life expectancy
- 5-year warranty
- ENERGY STAR® qualified

Available at:

## HEAT RECOVERY VENTILATOR

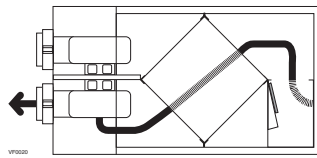
### Controls and options

- 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:
  - Humidity control no. 200694
  - 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

### No Negative Pressure Defrost

Defrost system ensures that no negative pressure is created by air exhausted to the outside, as the air is recirculated into the house, helping to prevent any backdraft.

OUTSIDE TEMPERATURE		DEFROST CYCLE DEFROSTING MIN./ OPERATING MIN.
°C	°F	
WARMER THAN -5	WARMER THAN 23	No DEFROST
-5 TO -30	23 TO -22	6/32
-30 & COLDER	-22 & COLDER	6/20



### Heat Recovery Core

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

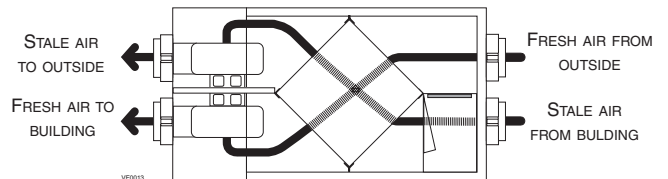
Exchange surface: 166 ft<sup>2</sup> (15.44 m<sup>2</sup>)

Weight: 9.5 lb (4.3 kg)

Type: Crossflow

Material: Polypropylene

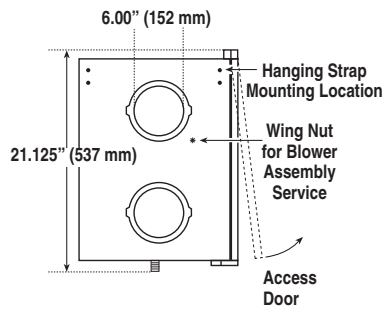
Warranty: Lifetime



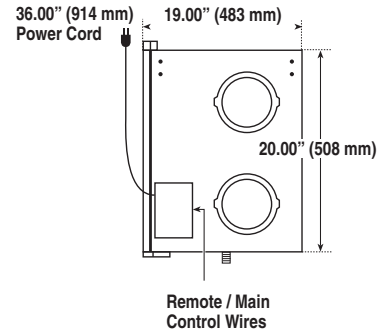
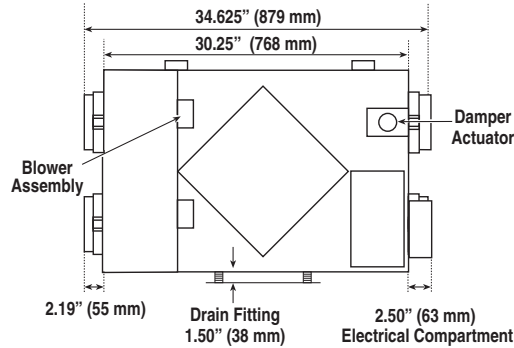
### Requirements and Standards

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

# Dimensions and Service Clearances: vänEE 2001 HRV

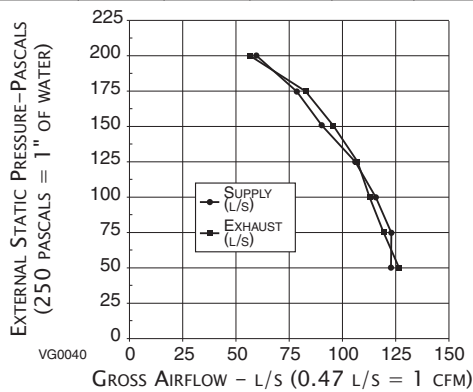


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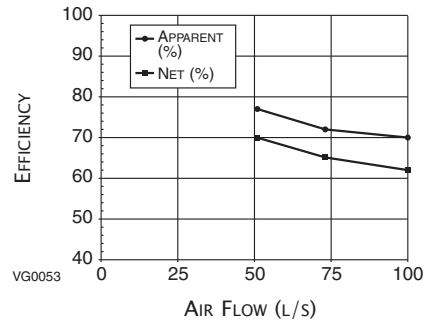
## Ventilation Performance

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
50	0.2	119	253	125	264	126	268
75	0.3	118	250	124	262	118	251
75	0.4	111	235	116	245	114	241
100	0.5	102	216	106	224	107	226
125	0.6	87	185	91	193	96	204
150	0.7	76	160	79	167	81	172
175	0.8	57	120	59	124	57	121



## 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	51	109	92	70	77	-0.01
0	32	73	155	128	65	72	-0.02
0	32	102	215	191	62	70	-0.01
-25	-13	52	110	104	60	94	0.05
COOLING							
35	95				TOTAL RECOVERY EFFICIENCY		NOT TESTED



## Specifications

- Model: 2001 HRV
- Part number: 45828
- Total assembled weight with polypropylene or enthalpic transfer 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 chain) 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 subjected to change to change without notice.

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



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