

Gold Series

**vånEE 1001 HRV**

**Part no. 43828**

71 to 163 CFM (0.3 in. w.g.)

64 to 146 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 vånEE experience.

**Solid Performances**

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

**Superior Craftsmanship**

- External electrical access side panel
- Integrated balancing dampers
- All serviceable 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:

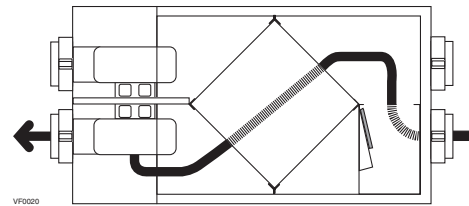
**HEAT RECOVERY VENTILATOR**

**Controls and options**

- This unit must be controlled by a main control. For a complete list of main and optional auxiliary controls available, refer to the **Wall Control Compatibility Chart** on last pages of wall controls specification sheet, available at [www.vanee.ca](http://www.vanee.ca).
- For more details about controls, refer to their specification sheet and to the **Main and auxiliary wall control user guide** at [www.vanee.ca](http://www.vanee.ca).
- Integrated furnace interlock relay
- Complete line of registers and diffusers
- Electric duct heater

**No Negative Pressure Defrost**

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



VF0020

OUTSIDE TEMPERATURE		DEFROST CYCLE MIN./ OPERATING MIN.
°C	°F	
WARMER THAN -5	WARMER THAN 23	NO DEFROST
-5 TO -27	23 TO -17	6/32
AND LESS	AND LESS	6/20

**Heat Recovery Core**

Dimensions: 12" x 12" x 12.875" (30.5 cm x 30.5 cm x 32.7 cm)

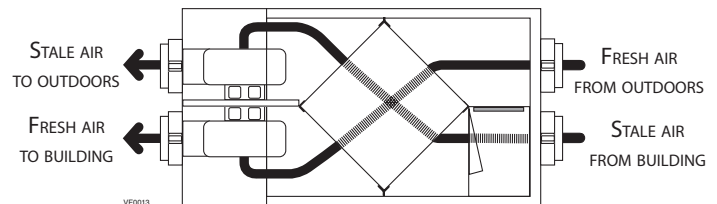
Exchange surface: 120 ft.<sup>2</sup> (11.16 m<sup>2</sup>)

Weight: 8.5 lb. (3.85 kg)

Material: Polypropylene

Type: Cross Flow

Warranty: Limited lifetime

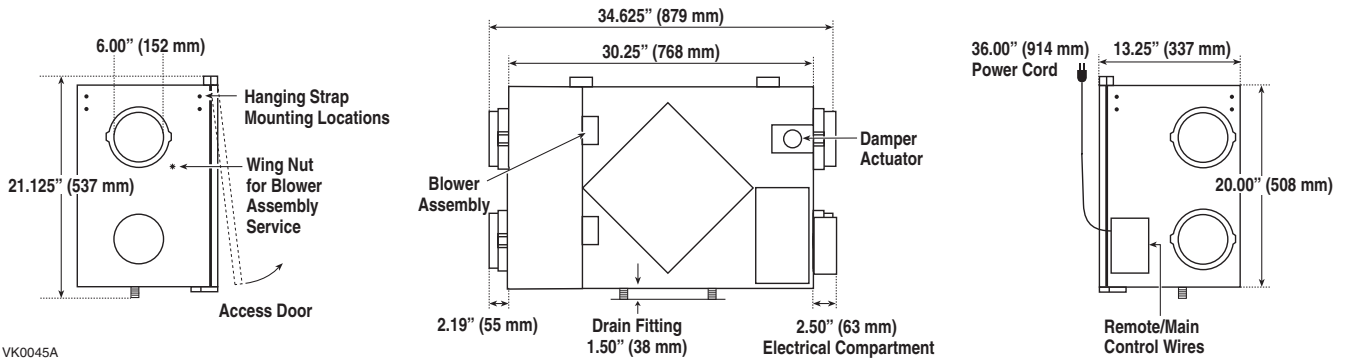


VF0013

**Requirements and standards**

- Complies with the CSA C22.2 no. 113 Standard applicable to ventilators
- Complies with CSA C444 requirements regulating the installation of Heat Recovery Ventilators
- Technical data was obtained from published results of tests relating to CSA C439 Standards
- HVI certified and ENERGY STAR® qualified

# DIMENSIONS: VÄNEE 1001 HRV

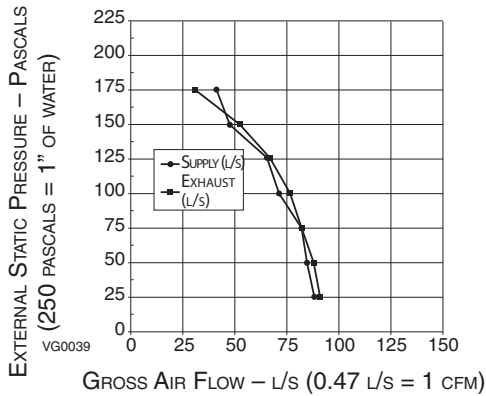


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NOTE: ALL UNITS PORTS WERE CREATED TO BE CONNECTED TO DUCTS HAVING A MINIMUM OF 6" DIAMETER, BUT IF NEED BE, THEY CAN BE CONNECTED TO BIGGER SIZED DUCTS BY USING AN APPROPRIATE TRANSITION (E.G.: 6" DIAMETER TO 7" DIAMETER TRANSITION).

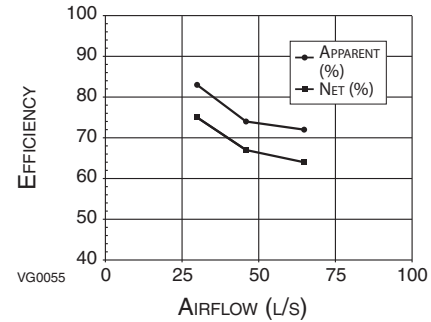
## VENTILATION PERFORMANCE

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	84	77	88	186	90	190
50	0.2	80	169	84	178	86	182
75	0.3	77	163	81	171	81	171
100	0.4	69	146	72	153	76	161
125	0.5	61	130	65	137	66	139
150	0.6	46	98	49	103	52	110
175	0.7	38	81	40	85	32	67



## ENERGY PERFORMANCE

SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
°C	°F	L/s	CFM				
HEATING					%	%	
0	32	28	60	54	75	83	-0.03
0	32	46	97	78	67	74	-0.01
0	32	65	138	124	64	72	-1.02
-25	-13	26	55	62	66	87	0.05
COOLING					TOTAL RECOVERY EFFICIENCY		
35	95				NOT TESTED		



NOTE: All specifications are subject to change without notice.

## SPECIFICATIONS

- Model: 1001 HRV
- Part Number: 43828
- Total Assembled Weight (including polypropylene core): 65 lb. (30 kg)
- Round shaped ports; fit 6" round ducts
- Drains: 1/2" (1.2 cm) fittings
- Filters: 2 washable 30 ppi reticulated foam 11.75" x 12.87" x 0.75" (29.85 cm x 32.69 cm 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
- Fan Speed Control:
  - Low, increased low and high speed
  - Two speeds available to user
  - Low or increased low speed is selected at the time of installation
- Unit Electrical Characteristics:
 

Volts	Frequency	Amps	Watts
120	60 Hz	1.4	147
- Supply and Exhaust Blower Motor:
  - Bearings: Sleeve bearings
  - Type: PSC

Project:	REMARKS
Location:	
Part no.: 43828	
Qty.:	
Submitted by:	Date:



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PRODUCT SHEET NO. 90190