



Venmar PRO225

Part no. PRO225

67 to 130 CFM (0.4 in. w.g.)



VB0120

DISCOVER THE NEW ECO-EFFICIENT VENMAR AIR EXCHANGER PRO225, AVAILABLE EXCLUSIVELY TO CONTRACTORS

When installed by a professional, the Venmar PRO225 air exchanger meets the strictest requirements of government eco-efficient programs in North America and complies with the latest construction industry standards for new homes.

Of all air exchangers available on the retail market, the PRO225 air exchanger delivers the best energy performance in terms of ventilation and heat recovery.

- Faster and easier installation of insulated flexible ducts with practical straps (exclusive to Venmar)
- Integrated balancing dampers (exclusive to Venmar)
- Easy to access electronic module
- Homeshield™ defrosting system
- Heat recovery core offers greater comfort
- High-pressure blowers
- Integrated draining system
- ENERGY STAR® qualified

REPAIRS AND MAINTENANCE

The PRO225 HRV low power consumption PSC motors are permanently lubricated. The electronic circuit board eliminates electromechanical parts, reducing repair time to a minimum.

WARRANTY

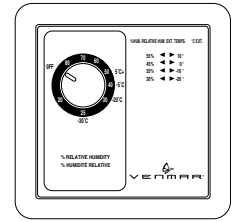
The PRO225 unit is protected by a complete 2-year warranty on all parts and labor in workshop only. The heat recovery core is covered by a limited lifetime warranty, with the original proof of purchase.

Available at:

HEAT RECOVERY VENTILATOR

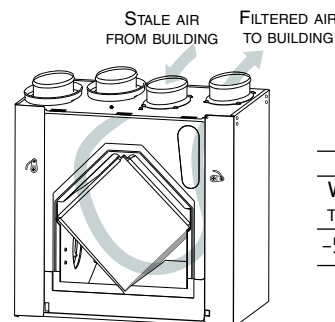
Controls

- This unit is very simple to operate. Once it is installed, press on its push button, located under the unit, to activate it. Press once for low speed, once again for high speed, and once more to stop it.
- The 11136 control is included with the PRO225. This control works with a dehumidistat that allows you to control the excess of humidity. If the selector is set above the click, the unit will stop and if it is set below the click, the unit will exchange on high speed with the outside until the desired humidity level has been reached.
- The optional 20-min. lighted push-button bathroom control, no. 12030, can be added.



Homeshield™ Defrosting System

The PRO225 HRV uses a unique defrosting method. No negative pressure is created by air exhausted to the outside, as the air is recirculated into the house, thus avoiding any backdraft from the chimney. Moreover, this defrost method by air circulation ensures that no shortage of air is created for the combustion units.



OUTSIDE TEMPERATURE		DEFROST CYCLE DEFROSTING MIN./ OPERATING MIN.
°C	°F	
WARMER THAN -5	WARMER THAN 23	NO DEFROST
-5 TO -27	23 TO -17	7/25
-27 & LESS	-17 & LESS	10/22

Heat Recovery Core

Dimensions: 10" x 10" x 14.25" (25.4 cm x 25.4 cm x 36.2 cm)

Exchange surface: 100 ft² (9.3 m²)

Weight: 7.36 lb (3.3 kg)

Material: Polypropylene

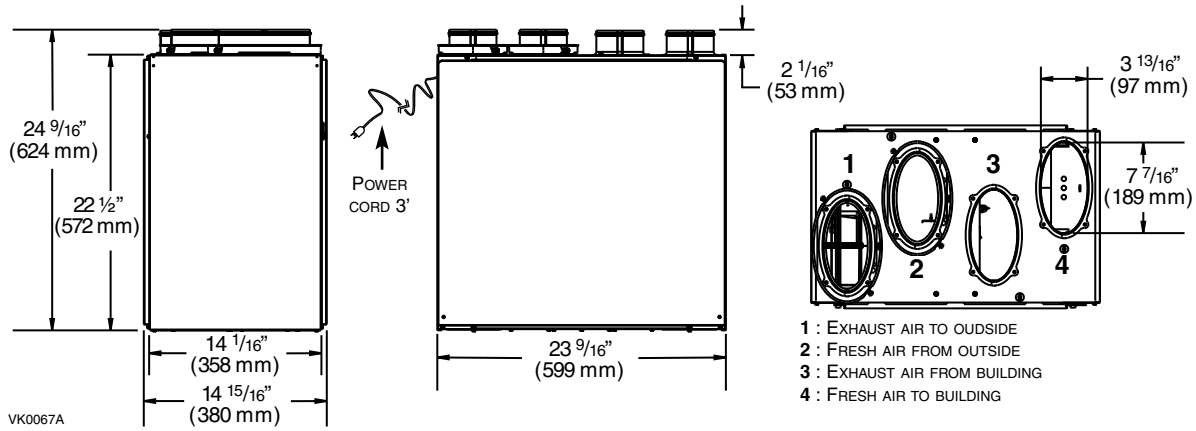
Type: Cross flow

Warranty: Limited lifetime

Requirements and Standards

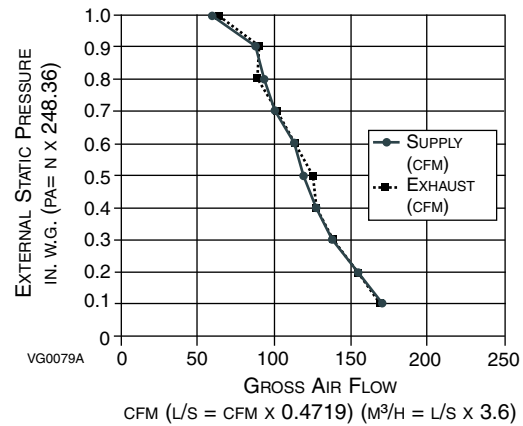
- Complies with the UL 1812 requirements regulating the installation of Heat Recovery Ventilators.
- Complies with the CSA C22.2 no. 113 Standard applicable to ventilators.
- Complies with CSA C444 requirements regulating the installation of Heat Recovery Ventilators.
- Technical data was obtained from published results of tests relating to CSA C439 Standards.
- HVI certified and ENERGY STAR® qualified.

Dimensions and Service Clearances: Venmar PRO225



Ventilation Performance

EXT. 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	76	161	77	163	77	162
50	0.2	72	152	72	153	72	152
75	0.3	67	142	68	143	67	141
100	0.4	62	131	63	132	62	131
125	0.5	56	119	56	119	58	123
150	0.6	52	110	53	111	53	111
175	0.7	46	98	47	99	48	100
200	0.8	40	84	40	84	41	87
225	0.9	34	72	34	73	36	77
250	1.0	28	59	28	59	29	62



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	32	67	56	70	78	0.00
0	32	40	86	64	68	75	0.01
0	32	56	120	86	64	70	0.01
-25	-13	30	63	79	61	83	0.01

NOTE: All specifications are subject to change without notice.

SPECIFICATIONS AND RATINGS

- Model: PRO225
- Part number: PRO225
- Total assembled weight including polypropylene core: 52.4 lb (23.8 kg)
- Oval shaped ports; fit 6" round ducts
- Drains: 1/2" (1.2 cm) fittings with 10 ft (3 m) PVC drain
- Core filters: 2 washable Merv 7 9.2" x 14.25" x 3.8" (23.4 cm x 36.2 cm x 9.6 cm)
- Housing: Pre-painted steel
- Insulation: Expanded polystyrene
- Mounting: Suspension by chains and springs
- Supply and Exhaust blower motors: 2 motors
 - Protection type: thermally protected
 - Insulation class: F
- Speed control on unit:
 - Low and high speed (with integrated control).
- Heat recovery core:
 - Heat exchange surface area: 100 ft² (9.3 m²)
 - Type/material: Cross flow/polypropylene
- Unit electrical characteristics:

Volts	Frequency	Ampere	Watts
120	60 Hz	0.96	105

Submitted by:		Date:	Project:
Qty.:	Model no.:	Remarks:	Location:
			Architect:
			Engineer:
			Contractor:



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