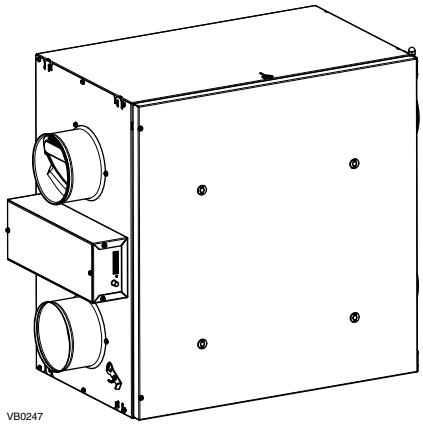
HEAT RECOVERY VENTILATOR

NHRV65S
Part no. NHRV65S
66 to 129 CFM (0.4 in. w.g.)



VERSATILE AND DESIGNED WITH THE INSTALLER IN MIND

The NHRV65S was created to respond to the builder's and contractor's needs for new residential construction and regulatory requirements. While reliable and durable, it is a cost-effective solution that can be installed quickly and easily in medium to large-sized homes, thanks to these features:

- Heat recovery core with a sensible recovery efficiency of 75% at 0°C
- Pressure taps, balancing dampers and integrated hooks for quick, effective installation
- Integrated "snap-in" drain system installed in seconds with no additional parts
- Magnetic backdraft damper in the fresh air from outside and the exhaust air from building ports.
- Reversible for greater installation flexibility
- 6' power cord
- Very quiet operation
- ENERGY STAR® qualified

REPAIRS AND MAINTENANCE

All parts of the NHRV65S can be removed in less than five minutes, allowing direct access for easy repairs. The low power consumption motor is permanently lubricated. Finally, the electronic circuit board eliminates electromechanical parts, reducing repair time to a minimum.

WARRANTY

The NHRV65S is protected by a 5-year warranty on parts. The heat recovery core is covered by a lifetime warranty, with the original proof of purchase.

Available at:

Controls

- This unit is very simple to operate. Once it is installed, press on the push button located on the front of the electrical box to activate it. Press once for low speed, once again for high speed, and once more to stop it.
- For more convenience, this unit can also be controlled by an optional main control, the Deco-Touch. The 20-minute push button auxiliary control can also be used
- For more details about controls, refer to the User and installer manual.

Options

- Deco-Touch main wall control (part no. 40430)
- 20-minute push-button timer (part no. 40385)
- MERV 8 filters (part no. V65683)

Defrost Cycles (exhaust only defrost)

- Choice of regular or extended defrost cycles, according to climatic conditions.
- To set extended defrost cycle, refer to the manual.

Low Speed Defrost Cycles			
Outdoor Temperature*		Defrost in Minutes / Air Exchange in Minutes	
°C	°F	Regular	Extended
Warmer than -5	Warmer than 23	No defrost	No defrost
from -5 to -15	from 23 to 5	10/50	12/35
from -15 to -27	from 5 to -17	10/32	12/20
-27 and less	-17 and less	10/20	12/15

High Speed Defrost Cycles			
Outdoor Temperature*		Defrost in Minutes / Air Exchange in Minutes	
°C	°F	Regular	Extended
Warmer than -5	Warmer than 23	No defrost	No defrost
from -5 to -15	from 23 to 5	12/40	12/30
from -15 to -27	from 5 to -17	12/25	12/20
-27 and less	-17 and less	12/15	12/12

*Outdoor temperature is read by a thermistor located inside the unit, next to the fresh air to building port.

Heat Recovery Core

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

Material: Polypropylene

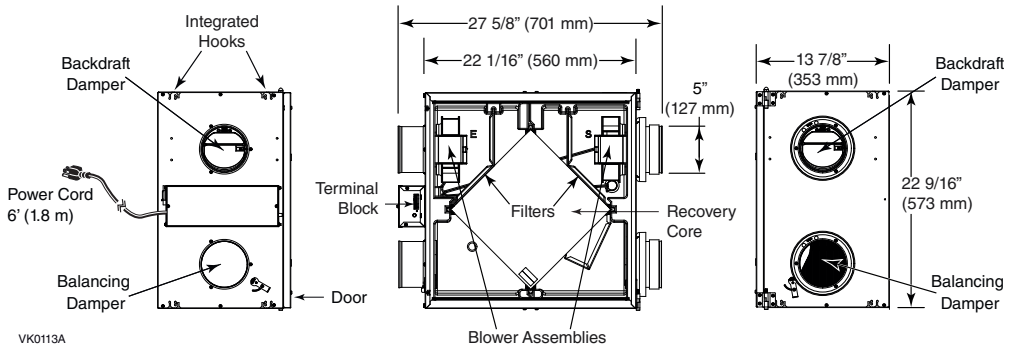
Type: Crossflow core

Warranty: Limited Lifetime

Requirements and Standards

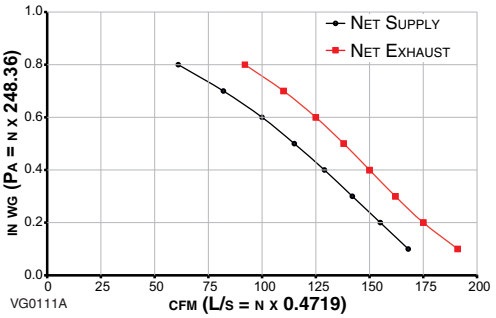
- Complies with the UL 1812 requirements regulating the installation of Heat Recovery Ventilators
- Complies with the CSA C22.2 no. 113 Standard applicable to ventilators
- Complies with CSA F326 requirements regulating the installation of Heat Recovery Ventilators
- Technical data was obtained from published results of tests relating to CSA C439 Standards
- HVI certified and ENERGY STAR® qualified

Dimensions: NHRV65S



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	79	167	79	167	90	191
50	0.2	73	155	73	155	83	176
75	0.3	67	142	67	142	76	161
100	0.4	61	129	61	129	71	150
125	0.5	54	115	54	115	65	138
150	0.6	47	100	47	100	59	125
175	0.7	39	82	39	83	52	110
200	0.8	29	61	29	61	44	93

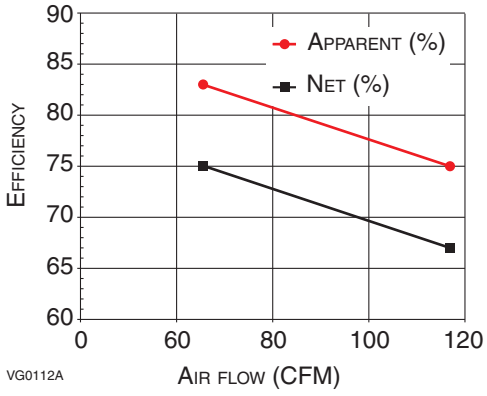


All specifications are subject to change without notice.

Energy Performance

Supply Temperature		Net Air Flow		Power Consumed Watts	Sensible Recovery Efficiency	Adjusted Sensible Recovery Efficiency	Apparent Sensible Effectiveness*
°C	°F	L/s	cfm				
Heating							
0	32	30	64	64	75	82	83
0	32	55	117	122	67	74	75
-25	-13	30	64	57	60	63	87

** Data not certified by HVI.*



Specifications and Ratings

- Model: NHRV65S
- Part Number: NHRV65S
- Total Assembled Weight (incl core): 40.5 lb (18 kg)
- Shipping weight: 47 lb (21.5 kg)
- Drains: 1/2" (1.2 cm) fittings with 10 ft. (3 m) PVC drain hose
- Filters: Merv 6 washable reticulated foam 12" x 12" x 0.5" (30.5 cm x 30.5 cm x 1.3 cm)
- 5" Round Ports
- Housing: Pre-painted steel
- Insulation: Expanded polystyrene
- Mounting: Suspension by chains
- Supply & Exhaust Blower Motors: 2 PSC Motors
  - Protection type: Thermally protected
  - Insulation class: B
- Integrated Control: OFF/Low/High. Other modes available with Deco-touch optional main wall control.
- Heat Recovery Core:
  - Type: Crossflow
  - Material: Polypropylene
- Unit Electrical Characteristics: 120 volts, 60 Hz, 1.2 amps, 144 watts

Project:	REMARKS
Location:	
Part Number: NHRV65S	
Quantity:	
Submitted by: Date:	