

vänEE Vigör™ HRV

Part no. 44200

35 to 70 CFM (0.4 in. w.g.)



VB0142

THE VIGÖR™ HRV: PUNY PRICE TAG, LOTS TO LOVE!

The Vigör™ HRV is the ideal choice for condominiums, apartments and other limited space applications that require up to 70 cfm of continuous ventilation. With its compact size and 4-inch vertical ports, it can be installed in small spaces such as a closet or mechanical room above a hot water tank.

- At just 30 lb. (13.6 kg), it can be installed without opening the unit
- Features integrated hooks to simplify installation
- Removable terminal block to ease auxiliary wall control connections
- Dehumidistat control included

REPAIRS AND MAINTENANCE

All parts of the Vigör™ HRV that could need maintenance can be removed in less than five minutes, allowing direct access for easy repairs. The PSC motor is permanently lubricated.

WARRANTY

The Vigör™ HRV is protected by a 2-year warranty on parts 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 on the unit top left side, to control it.
- In addition to the included Dehumidistat control, the following auxiliary wall controls can also be installed:

| | |
|-------------------------------|-------------|
| - 20-min. lighted push button | no. 1806110 |
| - 60-min. mechanical timer | no. 00910 |
| - Dehumidistat | no. 200694 |

For more details about controls, refer to their specification sheet on www.vanee.ca.

Options

- Complete line of registers and diffusers
- Exclusive wall mounting bracket no. 19255

Defrosting System

The Vigör™ HRV defrosts on a fixed cycle of 25 minutes air exchange and 5 minutes defrost, independent of the outside temperature.

Heat Recovery Core

Dimensions: 10" x 10" x 5.5"
(25.4 cm x 25.4 cm x 14 cm)

Exchange surface: 42.3 ft.² (3.9 m²)

Weight: 4 lb. (1.8 kg)

Material: Polypropylene

Type: Cross flow

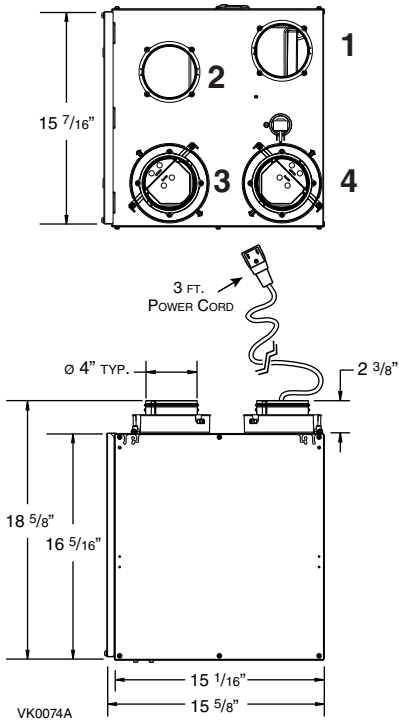
Warranty: Limited lifetime

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

DIMENSIONS: VIGÖR™ HRV

- 1: FRESH AIR TO BUILDING PORT
- 2: EXHAUST AIR FROM BUILDING PORT
- 3: FRESH AIR FROM OUTSIDE PORT
- 4: EXHAUST AIR TO OUTSIDE PORT



NOTE: All units ports were created to be connected to ducts having a minimum of 4" diameter, but if need be, they can be connected to bigger sized ducts by using an appropriate transition (e.g.: 4" diameter to 5" diameter transition).

VENTILATION PERFORMANCE

| EXTERNAL STATIC PRESSURE | | NET SUPPLY AIR FLOW | | | GROSS AIR FLOW | | | | | |
|--------------------------|----------|---------------------|-----|-------------------|----------------|-----|-------------------|---------|-----|-------------------|
| PA | IN. W.G. | L/S | CFM | M ³ /H | SUPPLY | | | EXHAUST | | |
| | | | | | L/S | CFM | M ³ /H | L/S | CFM | M ³ /H |
| 25 | 0.1 | 39 | 83 | 141 | 39 | 84 | 143 | 40 | 85 | 144 |
| 50 | 0.2 | 37 | 79 | 134 | 38 | 81 | 138 | 39 | 82 | 139 |
| 75 | 0.3 | 35 | 75 | 127 | 36 | 76 | 129 | 37 | 78 | 133 |
| 100 | 0.4 | 33 | 71 | 121 | 34 | 72 | 122 | 35 | 74 | 126 |
| 125 | 0.5 | 31 | 67 | 114 | 32 | 68 | 116 | 33 | 70 | 119 |
| 150 | 0.6 | 30 | 63 | 107 | 30 | 64 | 109 | 31 | 65 | 110 |
| 175 | 0.7 | 28 | 58 | 99 | 28 | 59 | 100 | 28 | 60 | 102 |
| 200 | 0.8 | 25 | 53 | 90 | 25 | 54 | 92 | 26 | 55 | 93 |

ENERGY PERFORMANCE

| SUPPLY TEMPERATURE | | NET AIR FLOW | | POWER CONSUMED | SENSIBLE RECOVERY EFFICIENCY | APPARENT SENSIBLE EFFECTIVENESS | LATENT RECOVERY/MOISTURE TRANSFER |
|--------------------|-----|--------------|-----|----------------|------------------------------|---------------------------------|-----------------------------------|
| °C | °F | L/s | CFM | WATTS | | | |
| HEATING | | | | | | | |
| 0 | 32 | 17 | 36 | 40 | 55 | 70 | 0.03 |
| 0 | 32 | 30 | 64 | 54 | 48 | 59 | 0.03 |
| -25 | -13 | 18 | 38 | 41 | 55 | 73 | 0.06 |

NOTE: All specifications are subject to change without notice.

SPECIFICATIONS

- Model: Vigör™ HRV
- Part Number: 44200
- Total Assembled Weight (including polypropylene core): 30 lb. (13.6 kg)
- Round 4" ports
- Drain: 1/2" (1.2 cm) fitting with 10 ft. (3 m) PVC drain hose
- Core filters: 2 washable foam filters, 9.2" x 5.75" x 0.38" (23.4 cm x 16.6 cm x 1 cm)
- Housing: Pre-painted steel
- Insulation: Expanded polystyrene
- Mounting: Suspension by chains and spring or optional wall bracket
- Supply and Exhaust Blower Motor: 1 motor
 - Protection type: Thermally protected
 - Insulation class: B
- Speed Control on Unit:
 - Low speed and Standby
 - Other modes available with auxiliary wall controls
- Heat Recovery core:
 - Heat Exchange Surface Area: 42.3 ft.² (3.9 m²)
 - Type/Material: Crossflow/Polypropylene
- Unit Electrical Characteristics:

| Volts | Frequency | Ampere | Watts |
|-------|-----------|--------|-------|
| 120 | 60 Hz | 0.5 | 60 |

| | |
|-----------------|---------|
| Project: | REMARKS |
| Location: | |
| Part no.: 44200 | |
| Qty.: | |
| Submitted by: | Date: |



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VigörHRVd131203