

# PREMIER 2.0H

## Heat Recovery Ventilator (HRV)

Product #: 463921



\* This product earned the ENERGY STAR® by meeting strict efficiency guidelines set by Natural Resources Canada and the US EPA. It meets ENERGY STAR® requirements only when used in Canada.

PREMIER

2.0

H

Product  
Name

200 CFM  
@ 0.4 in.  
w.g.

Heat  
Recovery

Greentek's side port connection HRV for budget conscious house projects, the PREMIER 2.0H unit brings a continuous supply of fresh air into a home while exhausting an equal amount of contaminated air. During winter, fresh incoming air is tempered by the heat that is transferred from the outgoing air so you save on energy costs, while during summer, the incoming air is pre-cooled if the house is equipped with an air cooling system. The PREMIER 2.0H is equipped with automatic defrost mechanisms so you can use your HRV all year long.

### Features

- Fans with backward curved blade
- Electrostatic filters (washable)
- Polypropylene heat recovery core
- Removable screw terminal for easy connection with external access
- Multiple speed operation

### Specifications

- Duct size – 6 in. (152 mm)
- Voltage/Phase – 120/1
- Power rated – 168 W
- Amp – 1.4 A
- Average airflow – 191 CFM (90 L/s)  
@ 0.4 in. wg. (100Pa)
- Weight – 51 lbs (23 Kg) Including core

### Requirements and standards

- UL 1812
- CSA C22.2 no. 113
- CSA F326
- Technical data was obtained from published results of test relating to CSA C439 Standards
- HVI and ENERGY STAR® certified\*

### Fans

Two (2) factory-balanced fans with backward curved blades. Motors come with permanently lubricated, sealed ball-bearings to guarantee long life and maintenance-free operation.

### Heat Recovery Core

Core dimensions are 12 in. x 12 in. (305 x 305 mm) with a 10 in. (254 mm) depth. Our polypropylene heat exchangers are designed and manufactured to withstand extreme temperature variations.

### Defrost

A preset defrost sequence is activated at an outdoor air temperature of 23°F (-5°C) and lower. During the defrost sequence, the supply blower shuts down & the exhaust blower switches into high speed to maximize the effectiveness of the defrost strategy. The unit then returns to normal operation, and continues cycle.

### Serviceability

Core, filters, fans and drain pan can be easily accessed through latched door. Core conveniently slides out on our new easy glide core guides. 22 in. (559 mm) of clearance is recommended for removal of core.

### Case

22 gauge galvanized steel cabinet with a pre-painted steel corrosion resistant door.

### Insulation

Cabinet is fully insulated with 1 in. (25 mm) high density expanded polystyrene.

### Filters

Two (2), UL900 certified, washable electrostatic panel type air filters 11.9 in. (302 mm) x 15 in. (380 mm) x 0.125 in. (3 mm).

### Compatible Controls

Compatible with all Greentek controls.

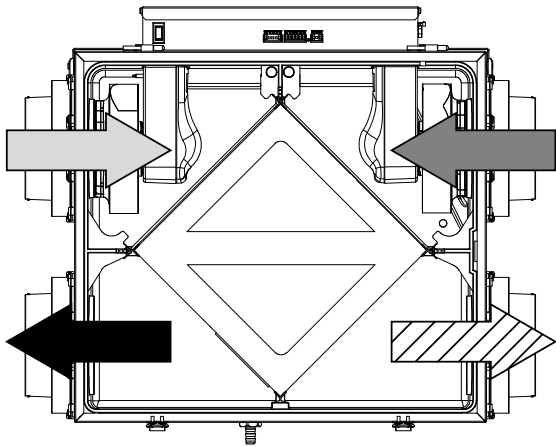
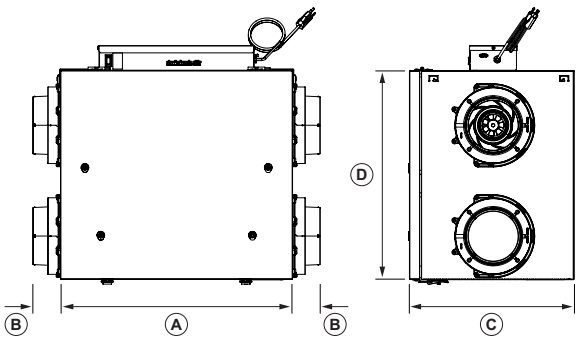
### Installation

Unit is typically hung by using installation kit supplied with unit. Mounting chains inserted on hooks located on top four (4) corners of unit. An optional wall bracket is available.

### Warranty

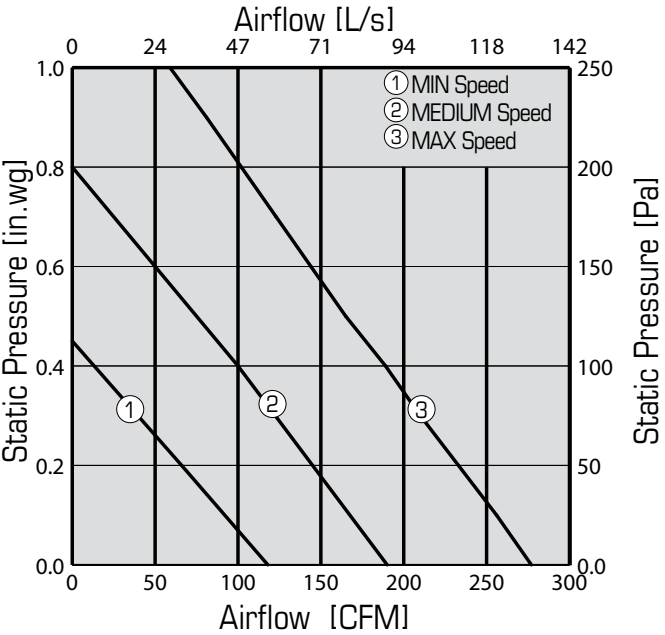
7 years on motor, 5 years on electrical components and core.

Dimensions & Airflow



A		B		C		D	
in	mm	in	mm	in	mm	in	mm
23 7/8	606	29 1/2	751	16 15/16	430	21 7/16	546

All units feature three foot plug-in power cord with 3-prong plug.



Ventilation Performance

in.wg. (Pa)	0.1 (25)	0.2 (50)	0.3 (75)	0.4 (100)	0.5 (125)	0.6 (150)	0.7 (175)	0.8 (200)
	CFM (L/s)	CFM (L/s)	CFM (L/s)	CFM (L/s)	CFM (L/s)	CFM (L/s)	CFM (L/s)	CFM (L/s)
Net supply airflow	256 (121)	233 (110)	210 (99)	189 (89)	165 (78)	144 (68)	123 (58)	102 (48)
Gross supply airflow	259 (122)	235 (111)	212 (100)	191 (90)	167 (79)	146 (69)	125 (59)	104 (49)
Gross exhaust airflow	265 (125)	244 (115)	225 (106)	208 (98)	189 (89)	170 (80)	153 (72)	136 (64)

Energy performance

Heating	Supply temperature		Net Airflow		Power	Fan efficacy	Sensible recovery efficiency	Adjusted sensible recovery efficiency	Latent recovery / moisture transfer
	°F	°C	CFM	L/s	W	CFM/W	%	%	-
	32	0	66	31	50	1.3	75	81	0.00
	32	0	176	83	115	1.5	66	69	0.00
	-13	-25	64	30	49	1.3	60	62	0.00

Contacts

Submitted by:	Date:
Quantity:	Model:
Comments:	Project #:
Location:	
Architect:	
Engineer:	Contractor:

Distributed by:

--