



**Greentek**  
Home Ventilation Systems

You need fresh air, so does your home.



## Greentek Peace of Mind

All Greentek products are backed by the best limited warranty in the industry, for your peace of mind.

You benefit from a lifetime warranty on the core, a 10-year warranty on our ventilation motors and a 5-year warranty on all other components. So you can breathe easy.



## Heat Recovery Ventilator PH Series (PH 7.15 and PH 10.22)



*Imperial*



# Greentek

## Features & Benefits



### DuoTrol balancing system

Silent and economical...  
By reducing motor speed to balance the unit, you avoid the noise that would be

produced by balancing dampers. In addition, with this technology the unit will consume less energy.



### SPM attachment system

The entire line of Greentek HRV/ERV products is designed for installation by a single person. "Single Person Mounting" will enable you

to save time and effort by offering you a variable attachment system.



### ISF 6" (diam.) collar system *(Patent Pending)*

Quick and simple to install thanks to our revolutionary "Insert Slide and Fix"

collar system. The "ISF" 6" (diam.) collar system enables you to manipulate duct within your reach and then insert by sliding it in place, for a better and quicker installation.



### Range of controls *For optimal performance of your HRV/ERV system.*

The entire range of GreenThinker controls is offered with features making

your ventilation system simple, easy to operate and backed by a 5-year limited warranty. Choose from: RD-1, RD-2, RD-3P, RD-4P (shown above) and T3 (Push-Button Timer)



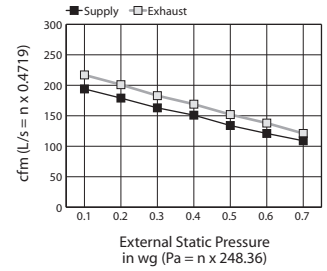
### High-Performance motors

All Imperial products are designed with high-performance and reliable motors for your comfort and peace of mind. Factory

sealed and dynamically balanced, our motors are maintenance-free for years to come.

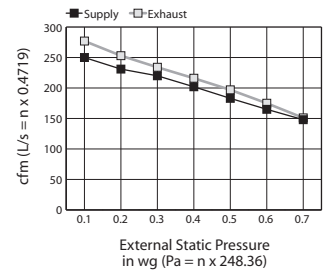
## Ventilation Performance PH 7.15

External Static Pressure		Net Supply Air Flow		Gross Air Flow Supply		Gross Air Flow Exhaust	
Pa	in. wg	L/s	CFM	L/s	CFM	L/s	CFM
25	0.1	91	193	91	194	103	217
50	0.2	84	178	85	179	95	201
75	0.3	77	163	77	163	86	183
100	0.4	71	150	71	151	80	169
125	0.5	63	133	63	134	71	152
150	0.6	57	120	57	121	66	138
175	0.7	51	109	51	109	57	121



## Ventilation Performance PH 10.22

External Static Pressure		Net Supply Air Flow		Gross Air Flow Supply		Gross Air Flow Exhaust	
Pa	in. wg	L/s	CFM	L/s	CFM	L/s	CFM
25	0.1	117	248	118	250	130	277
50	0.2	108	229	109	231	119	253
75	0.3	102	218	103	220	110	234
100	0.4	94	200	95	202	101	216
125	0.5	85	181	86	183	92	197
150	0.6	77	163	78	165	82	175
175	0.7	69	146	70	148	71	151



## Energy Performance PH 7.15

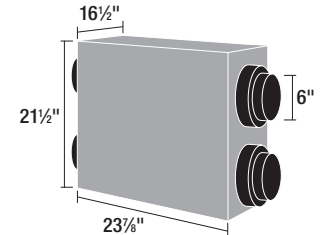
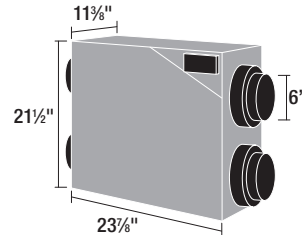
	Supply Temperature		Net Air Flow	Power Consumed	Sensible Recovery Efficiency	Apparent Sensible Effectiveness	
	°C	°F					
HEATING	0	32	31	65	72	66	75
	0	32	39	83	80	63	72
	0	32	50	107	94	60	67
	-25	-13	36	76	72	56	73

## Energy Performance PH 10.22

	Supply Temperature		Net Air Flow	Power Consumed	Sensible Recovery Efficiency	Apparent Sensible Effectiveness	
	°C	°F					
HEATING	0	32	55	118	106	61	71
	0	32	75	160	132	58	65
	0	32	87	185	150	55	62
	-25	-13	57	120	105	58	72

## SPECIFICATIONS

	PH 7.15	PH 10.22
<b>Size</b>	23 3/8" x 21 1/2" x 11 3/8"	23 3/8" x 21 1/2" x 16 1/2"
<b>Weight</b>	50 lbs (22.68 Kg)	65 lbs (29.48 Kg)
<b>CFM</b>	30 to 160	50 to 220
<b>Type of heat exchanger</b>	cross-flow (Polypropylene)	cross-flow (Polypropylene)
<b>Exchange surface</b>	104 ft <sup>2</sup>	150 ft <sup>2</sup>
<b>Voltage</b>	120 VAC @ 60 Hz	120 VAC @ 60 Hz
<b>Amperage</b>	1.5 A	1.5 A
<b>Defrost type</b>	Evacuation	Evacuation
<b>Certification</b>	HVI, cCSA <sub>US</sub>	HVI, cCSA <sub>US</sub>



Also available in PE Series (Energy Recovery Ventilator). Ideal for warm and humid climates.



Imperial Air Technologies  
480 Ferdinand Blvd., Dieppe,  
NB Canada E1A 6V9

Toll free: 1 888 724-5211  
Fax: 1 (506) 388-4633  
Visit us at: [www.greentek.ca](http://www.greentek.ca)

You can find Greentek Indoor Air Quality products at the following distributor:



Imperial Air Technologies Inc. reserves the right to modify a product, without prior notice, whether in design, colour or specifications, in order to offer at all times a quality product that is highly competitive. Please consult your national and local building codes to find out whether the installation of electrical products requires the services of a certified technician or electrician. Greentek™ is a registered Trademark used under license by Imperial Sheet Metal Ltd. All rights reserved.