



**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)





# 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.



Balancing Pressure Taps

Quick and easy integrated  
balancing pressure taps  
located in the access door  
allows for accurate readings  
and maximizing your balanced

ventilation requirements.



ISF  
6" (diam.) collar system

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 controls is  
offered with features making  
your ventilation system simple,

easy to operate and backed by a 5-year limited  
warranty. Choose from: EHC1.5, EHC1.0, RD-1, RD-2,  
RD-3P, RD-4P and T-3 (Push-Button Timer)



High-Performance motors

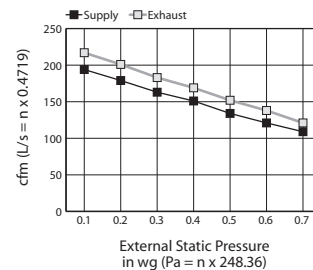
All Imperial products are  
designed with high-performance  
and reliable motors for your  
comfort and peace of mind.

Factory sealed and dynamically

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

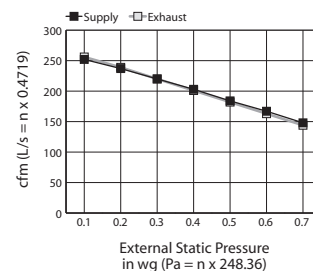
### Ventilation Performance PH 7.15

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	119	252	119	252	121	256
50	0.2	111	235	112	237	113	239
75	0.3	103	218	104	220	104	220
100	0.4	95	201	96	203	95	201
125	0.5	86	182	87	184	86	182
150	0.6	79	167	79	167	77	163
175	0.7	70	148	70	148	68	144



### Energy Performance PH 7.15

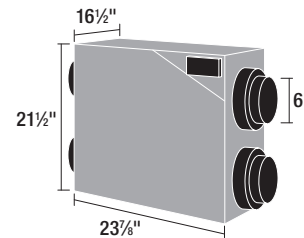
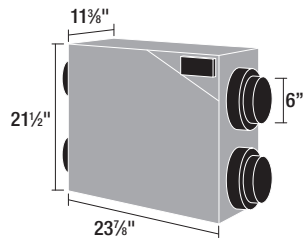
	Supply Temperature		Net Air Flow		Power Consumed	Sensible Recovery Efficiency	Adjusted Sensible Recovery Efficiency
	°C	°F	L/s	CFM	Watts	SRE %	ASRE %
HEATING	0	32	31	65	72	66	73
	0	32	39	83	80	63	69
	0	32	50	107	94	60	66
	-25	-13	35	74	72	56	59

### Energy Performance PH 10.22

	Supply Temperature		Net Air Flow		Power Consumed	Sensible Recovery Efficiency	Adjusted Sensible Recovery Efficiency
	°C	°F	L/s	CFM	Watts	SRE %	ASRE %
HEATING	0	32	29	61	62	75	82
	0	32	43	91	74	72	78
	0	32	60	127	92	67	72
	-25	-13	33	70	59	58	61

### SPECIFICATIONS

	PH 7.15	PH 10.22
Size	23 3/8" x 21 1/2" x 11 3/8"	23 3/8" x 21 1/2" x 16 1/2"
Weight	50 lbs (22.68 Kg)	65 lbs (29.48 Kg)
CFM	30 to 160	70 to 220
Type of heat exchanger	cross-flow (Polypropylene)	cross-flow (Polypropylene)
Exchange surface	104 ft <sup>2</sup>	150 ft <sup>2</sup>
Voltage	120 VAC @ 60 Hz	120 VAC @ 60 Hz
Amperage	1.5 A	1.5 A
Defrost type	Evacuation	Evacuation
Certification	HVI, cCSA <sub>US</sub>	HVI, cCSA <sub>US</sub>



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



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



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