



# SOLACE

You need fresh air, so does your home.

Heat Recovery Ventilator  
XPH Series (XPH 1.5 and XPH 2.0)



## Peace of Mind

All 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.



*Imperial*



# SOLACE

## 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 Imperial 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 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 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

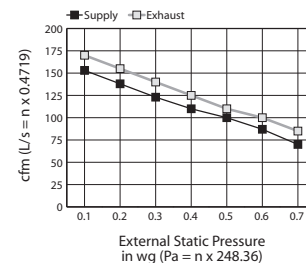
sealed and dynamically balanced, our motors are maintenance-free for years to come.

## Ventilation Performance XPH 1.5

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	71	150	72	153	80	170
50	0.2	64	136	65	138	73	155
75	0.3	58	123	58	123	66	140
100	0.4	52	110	52	110	59	125
125	0.5	47	100	47	100	52	110
150	0.6	40	85	41	87	47	100
175	0.7	33	70	33	70	40	85



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

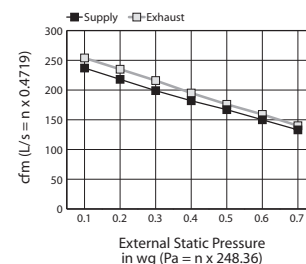


## Ventilation Performance XPH 2.0

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	111	235	112	237	120	254
50	0.2	102	216	103	218	111	235
75	0.3	93	197	94	199	102	216
100	0.4	85	180	86	182	92	195
125	0.5	78	165	79	167	83	176
150	0.6	70	148	71	150	75	159
175	0.7	62	131	63	133	66	140



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## Energy Performance XPH 1.5

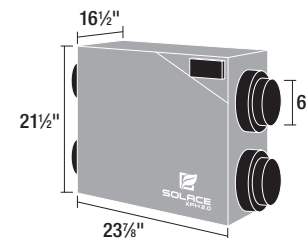
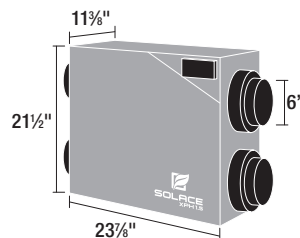
	Supply Temperature		Net Air Flow		Power Consumed	Sensible Recovery
	°C	°F	L/s	CFM	Watts	Efficiency
HEATING	0	32	30	64	52	70
	0	32	40	85	64	65
	0	32	50	106	78	64
	0	32	60	127	88	69
	-25	-13	33	70	51	60

## Energy Performance XPH 2.0

	Supply Temperature		Net Air Flow		Power Consumed	Sensible Recovery
	°C	°F	L/s	CFM	Watts	Efficiency
HEATING	0	32	31	66	58	75
	0	32	43	91	70	73
	0	32	60	127	88	69
	0	32	60	127	88	69
	-25	-13	31	66	55	60

## SPECIFICATIONS

	XPH 1.5	XPH 2.0
Size	23 3/8" x 21 1/2" x 11 3/8"	23 3/8" x 21 1/2" x 16 1/2"
Weight	49 lbs (22.23 Kg)	59 lbs (26.8 Kg)
CFM	30 to 150	50 to 250
Type of heat exchanger	cross-flow (Polypropylene)	cross-flow (Polypropylene)
Exchange surface	85 ft <sup>2</sup>	150 ft <sup>2</sup>
Voltage	120 VAC @ 60 Hz	120 VAC @ 60 Hz
Amperage	1.0 A	1.5 A
Defrost type	Evacuation	Evacuation
Certification	HVI, cCSA <sub>US</sub> , ENERGY STAR®	HVI, cCSA <sub>US</sub> , ENERGY STAR®



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



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