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September 1, 2012

CERTIFIED HOME VENTILATING PRODUCTS DIRECTORY

Certified Ratings in Air Delivery, Sound and Energy for Accurate Specifications and Comparisons

Uniform Construction Index Classification
Assigned by the American Institute of Architects
11d Residential Equipment
88778

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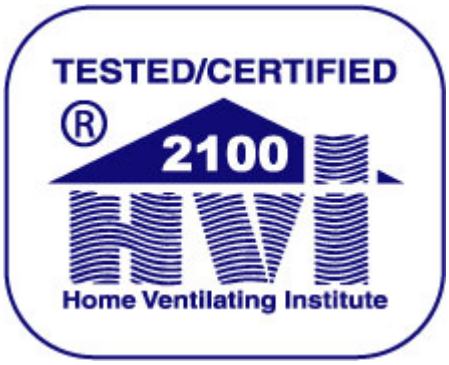
FOR MORE INFORMATION

Detailed information on proper ventilation is available online at http://www.hvi.org.

Product catalogs with model illustrations, descriptions, specifications and installation instructions are available from any of the manufacturers whose products are listed in this directory.

LOOK FOR THESE HVI-CERTIFIED LABELS

Every HVI-Certified product is required to have an HVI-Certified Label affixed.



CALIFORNIA ENERGY COMMISSION
Compliance Statement

As of September 1, 2012

Section 1 of this directory has been approved by the California Energy Commission (Commission) for determining compliance with its Appliance Efficiency Regulations (Title 20, California Code of Regulations, Sections 1601-1608) and its building standards (Title 24, California Code of Regulations, Part 6). UNLESS INDICATED OTHERWISE, any appliance* listed in Section 1 of this directory may be sold, offered for sale, or installed in new construction in California.

For appliances manufactured by manufacturers participating in this directory, but who have not given authorization for data submittal to the Commission, this directory cannot be used for determining compliance. For information about such appliances, appliances that are beyond the scope of this directory, or appliances produced by manufacturers who do not participate in this directory, please contact the Commission's Building Standards Hotline at (916) 654-5106, (800) 772-3300 (in California only), or Title24@energy.state.ca.us.

Manufacturers granting authorization for data submittal to the Commission as of the publication date of this directory include:

- American Aldes Ventilation Corporation
- Continental Fan Manufacturing
- Delta Products
- Fan Am, Inc.
- Hangzhou Aupu Bathroom & Kitchen Technology Co. Ltd.
- Homewerks Worldwide
- Milano Electronics LLC
- Orbit Industries
- Qingdao Xingbang Electronic Appliances Co. Ltd.
- Panasonic Home & Environment Co.
- Renewaire LLC
- Reversomatic Mfg. Ltd.
- Spruce Environmental Technologies
- Systemair Inc.
- Ventamatic Ltd.
- Windridge Fans Corporation Ltd.
- Zhongshan Airzone Ventilated Technology

*qualifying appliances are limited to the following product categories:

- Bathroom exhaust fans
- Other room/utility room exhaust fans
- Inline fans
- Kitchen range hoods
- Whole house comfort ventilators

HVI TESTED/CERTIFIED

Static Pressures: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg

Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure)

Fan Operating Speeds:
BS+ = BOOST SPEED
HS+ = HIGH SPEED
LS+ = LOW SPEED

HOME VENTILATING FANS

- Bathroom - Exhaust Fans
- Downdraft Kitchen Exhausters
- Inline Fans (all models)
- Integrated Supply & Exhaust Ventilators
- Kitchen Fans
- Kitchen Range Hoods – Ducted & Convertible
- Other Rooms – Exhaust Fans
- Powered Attic Ventilators
- Remote Exterior Mounted Ventilators
- Whole House Comfort Ventilators

HVI Tested/Certified air delivery ratings are in Cubic Feet Per Minute (CFM).

HVI Tested/Certified sound emission ratings are in sones (S).

USE OF HVI LABEL

Companies whose products have been certified by HVI shall affix appropriate Labels to those products

RATINGS FOR QUALITY, QUIETNESS

This directory lists the only ventilating fans, which offer a complete and uniform basis for comparison and rated performance – those, which bear the HVI Tested/ Certified Label. Listed herein are range hoods, wall and ceiling exhaust fans, whole house fans and powered attic space ventilators, which conform to HVI's standards.

All HVI ratings for fans are based on independent tests at HVI approved laboratories. Each fan is tested under specific air resistance and other conditions related to actual application, as distinct from "free air" or other non-standard conditions.

Indoor fans carry dual ratings, for quietness as well as ventilating performance. Simple validated numbers tell the air movement in CFM (cubic feet per minute) and the sound output in sones. Exterior-mount ventilators, usually ducted to the kitchen, offer high capacity and quietness.

Whether their tasks are removal of the odors, fumes, smoke, moisture and heat of indoor air pollution or automatic removal of summer heat and winter moisture from attics, fans with the HVI Label can be depended on to exhaust the amount of air for which they are rated. All are true ventilators, as distinguished from recirculating devices.

HVI lists ratings in steps of 10 CFM and 0.5 sones. Fans of multiple speeds must be rated for sound at maximum CFM ratings and may be rated also at lower CFM levels. Sone ratings permit easy and accurate comparisons of exhaust fans tested under identical laboratory standards and conditions. A fan rated at 3 sones makes half the sound of one of 6 sones, just as 100 CFM is half the air movement of 200 CFM. For adequate ventilation, the Home Ventilating Institute recommends these guidelines for air changes with wall or ceiling exhaust fans: kitchen, 15 changes an hour; bathroom, 8; family, recreation or laundry room, 6.

To calculate the CFM capacity of wall or ceiling fan which will deliver the needed air movement, multiply floor area by the appropriate factor, as follows (assuming an 8-foot ceiling): kitchen, 2; bathroom, 1.07; family, recreation or laundry room, 0.8.

A different basis for selection applies to range hood fans. Recommended minimums: 40 CFM per lineal foot of range hood for along-wall placement. Higher ratings than minimums often are desirable.

VENTILATION GUIDELINES

The recommended minimum capacity for whole-house fans is based on the HVI guideline, which requires one complete air change every two minutes within the occupied area. This may be determined by multiplying the gross square footage of the entire house (including non-occupied areas like closets) by 3. Be sure to include the "upstairs" area of multilevel homes. This formula assumes an 8' ceiling and offsets typical non-occupied areas.

For powered attic space ventilators, HVI guidelines are minimum of 0.7 CFM per square foot of attic floor space, plus 15% for dark roofs, and intake area of 1 square foot of free opening per 300 CFM of fan capacity. Ratings are based on testing of complete roof or gable units at .03" static pressure.

WHAT'S A SONE?

The sone is an internationally recognized unit of loudness, which simplifies reporting of sound output. The sones translate laboratory decibel readings into numbers that correspond to the way people sense loudness.

Sones follow a "linear" scale, like inches. Double the sone is double the loudness. In contrast, decibels follow a "logarithmic" scale, which stands for a complete multiplying of numbers instead of simple adding. Sone readings offer easy, quick and accurate comparisons for both laymen and engineers. In technical terms, the sone is equal is loudness to a pure tone of 1,000 cycles per second at 40 decibels above the listener's threshold of hearing. In everyday terms, one sone is equivalent to the sound of a quiet refrigerator in a quiet kitchen.

Regarding sound levels of Exterior Mount and In-line Fans, and HRV's/ERV's:

HVI, the Home Ventilating Institute, does not certify Sound Ratings for Exterior Mount and In-line fans, and Heat/Energy Recovery Ventilators.

Remote mounted fans can be extremely quiet if installed properly. Although different fans produce different amounts of sound power, variations in installation yield significantly greater differences in perceived sound level for remote mounted fans. As is the case with furnaces, rating remote mount fans for sound does therefore not make sense.

For bathroom and other exhaust or supply air applications using remote mount fans, HVI recommends using insulated flexible ducting (same as used for HVAC ducting). Insulated flexible ducting has very good noise attenuating properties and minimizes condensation. With eight feet of insulated flexible duct between the ceiling grill and the fan, almost no fan noise should be evident in the bathroom. Ensure that the ceiling grills are large enough not to induce significant air noise. For bathroom applications an automatic timer is a recommended in order to keep the fan from being left on inadvertently.

For range hood exhaust rigid metal duct shall always be used. Rigid ducting does not attenuate sound effectively. With the very powerful remote mount fans often used for residential range hoods in "professional" style kitchens, a silencer designed for the purpose will significantly lower the sound level.

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CERTIFIED VENTILATING FAN PRODUCTS

ABREEZO

Abreezo

Bathroom – Exhaust Fans (all models)

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
DELUX80			80	0.9	45.8
DEUCE80110	LS+		80	0.9	35.2
	LS+	@ 0.25" SP	50		
	HS+		110	2.0	40.7
	HS+	@ 0.25" SP	90		
LIGHT5070	LS+		50	0.6	22.1
	LS+	@ 0.25" SP	30		
	HS+		70	2.0	27.1
	HS+	@ 0.25" SP	50		
LIGHT80110	LS+		80	1.1	33.9
	LS+	@ 0.25" SP	60		
	HS+		110	2.0	38.6
	HS+	@ 0.25" SP	90		
PUFF55			50	1.5	19.4
PUFF60			60	1.2	17.5
		@ 0.25" SP	40		
SILENT70			70	1.0	37.6
		@ 0.25" SP	60		
VOLO120			120	1.5	39.7
		@ 0.25" SP	100		

ACME ENGINEERING AND MANUFACTURING CORPORATION

ACME

Bathroom – Exhaust Fans (all models)

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
VQ080ES			80	0.3	31.8
		@ 0.25" SP	60		
VQ080ESL			80	1.1	28.6
		@ 0.25" SP	50		
VQ090ES			90	0.3	31.8
		@ 0.25" SP	67		
VQ110ES			110	0.6	35.8
		@ 0.25" SP	87		
VQ120ES			120	1.2	36.6
		@ 0.25" SP	100		
VQ150ES			150	1.1	41.2
		@ 0.25" SP	131		

ACTIVE VENTILATION PRODUCTS.

Economizer

Remote Exteriror Mounted Ventilators

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
EC90			90		32.3
EC200			200		49.6

AERO PURE

Aero Pure

Bathroom – Exhaust Fans (all models)

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
AP50G2	HS+		50	1.3	22.2
		@ 0.25" SP	38		
AP50G3	HS+		50	1.3	22.2
		@ 0.25" SP	38		
AP50G4	HS+		50	1.3	22.2
		@ 0.25" SP	38		
AP50G5	HS+		50	1.3	22.2
		@ 0.25" SP	38		
AP50G6	HS+		50	1.3	22.2
		@ 0.25" SP	38		
AP50L1	HS+		50	1.2	21.9
AP70G1	HS+		70	1.0	34.8
		@ 0.25" SP	56		
AP70G2	HS+		70	1.0	34.8
		@ 0.25" SP	56		
AP70G3	HS+		70	1.0	34.8
		@ 0.25" SP	56		
AP70G4	HS+		70	1.0	34.8
		@ 0.25" SP	56		
AP70G5	HS+		70	1.0	34.8
		@ 0.25" SP	56		
AP70G6	HS+		70	1.0	34.8
		@ 0.25" SP	56		
AP80G1	HS+		80	2.0	26.1
AP80G6 (S)	HS+		80	2.0	26.1
AP80G6 (W)	HS+		80	2.0	26.1
AP80L1	HS+		80	2.0	23.9
AP80L2	HS+		80	2.0	26.3
AP100L1	HS+		100	2.0	34.7
AP100L2	HS+		100	2.0	41.4
	HS+	@ 0.25" SP	90		
	LS+		70	1.0	36.4
	LS+	@ 0.25" SP	50		

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

NOTE: CHANGES IN RED INDICATE RECENT REVISIONS TO THE HVI CERTIFIED HOME VENTILATING PRODUCTS DIRECTORY.

CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
AP110G1	HS+		110	2.0	39.5
		@ 0.25" SP	95		
AP110G2	HS+		110	2.0	39.5
		@ 0.25" SP	95		
AP110G3	HS+		110	2.0	39.5
		@ 0.25" SP	95		
AP110G4	HS+		110	2.0	39.5
		@ 0.25" SP	95		
AP110G5	HS+		110	2.0	39.5
		@ 0.25" SP	95		
AP110G6	HS+		110	2.0	39.5
		@ 0.25" SP	95		
AP110G6 (S)	HS+		110	2.0	39.5
AP110G6 (W)	HS+		110	2.0	39.5
SBF80G1			80	<0.3	22.9
		@ 0.25" SP	60		
SBF80G2			80	<0.3	22.9
		@ 0.25" SP	60		
SBF80G3			80	<0.3	22.9
		@ 0.25" SP	60		
SBF80G4			80	<0.3	22.9
		@ 0.25" SP	60		
SBF80G5			80	<0.3	22.9
		@ 0.25" SP	60		
SBF80G5 (S)	HS+		80	<0.3	23.4
SBF80G5 (W)	HS+		80	<0.3	23.4
SBF80G6			80	<0.3	22.9
		@ 0.25" SP	60		
SBF80G6 (S)	HS+		80	<0.3	23.4
SBF80G6 (W)	HS+		80	<0.3	23.4
SBF80L1	HS+		80	0.4	23.7
SBF110G1			110	0.7	28.1
		@ 0.25" SP	85		
SBF110G2			110	0.7	28.1
		@ 0.25" SP	85		
SBF110G3			110	0.7	28.1
		@ 0.25" SP	85		
SBF110G4			110	0.7	28.1
		@ 0.25" SP	85		
SBF110G5			110	0.7	28.1
		@ 0.25" SP	85		
SBF110G5 (S)	HS+		110	0.7	28.1
SBF110G5 (W)	HS+		110	0.7	28.1
SBF110G6			110	0.7	28.1
		@ 0.25" SP	85		
SBF110G6 (S)	HS+		110	0.7	28.1
SBF110G6 (W)	HS+		110	0.7	28.1
SBF110L1	HS+		110	1.3	29.4

AIRIA BRANDS INC.

Quantum

Inline Fans (all models)

NBQ-COMBI-4			180		84.0
NBQ-COMBI-5			240		85.0
NBQ-COMBI-6			270		84.0
NBQ-125-4			120		21.0
NBQ-325-6			350		162.0

AIR KING, LTD.

Air-King

Bathroom – Exhaust Fans (all models)

AK50LS			50	0.3	26.4
		@ 0.25" SP	32		
AK55L			70	5.0	
AK093			70	3.5	
AK65			70	3.5	
AK65FL			70	3.5	
AK80			80	1.5	27.6
		@ 0.25" SP	63		
AK80H			80	1.0	28.1
		@ 0.25" SP	68		
AK80-1			80	1.5	27.5
		@ 0.25" SP	70		
AK80LS			80	1.0	28.1
		@ 0.25" SP	68		
AK80LS-1			80	1.0	28.3
		@0.25" SP	68		
AK90			90	1.5	29.9
		@ 0.25"SP	78		
AK90-1			90	1.5	28.9
		@ 0.25"SP	80		
AK90R			90	1.5	28.9
		@ 0.25"SP	80	1.5	26.0
AK100L			100	2.5	37.0
AK100L-1			100	2.5	37.0
AK100D	HS+		100	1.5	29.9
	HS+	@ 0.25" SP	86		
	LS+		50	0.5	26.9
AK110LS			110	1.5	28.0
		@ 0.25" SP	90		
AK110PN	HS+		100	1.5	29.9
		@ 0.25" SP	86		
AK130-1			130	2.5	

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

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CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
AK150LS			150	0.8	34.6
		@ 0.25" SP	116		
AK200LS			200	1.4	62.0
		@ 0.25" SP	185		
AK300LS			290	3.0	79.9
		@ 0.25" SP	265		
AK863FL			100	3.5	
AK863L			100	3.5	
AK864			100	3.5	
AK905			70	3.5	
AK917			70	3.5	
AK927			70	3.5	
AK960			70	3.5	
AK965FL			70	3.5	
AK965L			70	3.5	
AKF50LS			50	0.3	26.4
		@ 0.25" SP	33		
AKF55			70	5.0	
AKF80LS			80	1.0	27.6
		@ 0.25" SP	70		
AKF80LSL			80	0.8	
AKF100D	HS+		100	1.5	29.2
	HS+	@ 0.25" SP	84		
	LS+		50	0.3	26.4
	LS+	@ 0.25" SP	33		
AKF100LS			100	1.5	29.2
		@ 0.25" SP	84		
AKLC701			70	2.5	
AKLC702			70	2.5	
AKLC703			70	2.5	
AS50			50	3.0	
AS54			50	3.0	40.5
AS60			60	4.0	
AS70			70	4.0	
AS90			90	2.5	
AS120			120	4.0	
ASF50			50	3.0	
ASF70			70	4.0	
ASF90			90	2.5	
ASF120			120	4.0	
ASLC50			50	3.0	
ASLC70			70	4.0	
ASLC90			90	2.5	
ASLC120			120	4.0	
BFQ50			50	0.5	28.1
		@ 0.25" SP	38		
BFQ70			70	1.5	28.7
		@ 0.25"SP	57		
BFQ70R			70	1.5	28.7
		@ 0.25" SP	57		
BFQ75			70	1.5	28.7
		@ 0.25"SP	57		

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
BFQ80			80	2.0	32.0
		@ 0.25" SP	61		
BFQ90			90	2.5	
BFQ110			100	3.5	
BFQ140			120	4.0	
BFQF50			50	0.5	28.1
		@ 0.25" SP	38		
BFQF50M			50	0.5	28.1
		@ 0.25" SP	38		
BFQF70			70	1.5	28.7
		@ 0.25" SP	57		
BFQF70M			70	1.5	28.7
		@ 0.25" SP	57		
BFQF75			70	1.5	28.7
		@ 0.25" SP	57		
BFQF80			80	2.0	32.0
		@ 0.25" SP	61		
DRLC107			100	3.5	
DRLC701			70	4.0	
DRLC702			70	4.0	
DRLC703			70	4.0	
DRLC707			70	4.0	
DRLC709			70	4.0	
ES80D	HS+		80	<0.3	28.1
		@ 0.25" SP	49		
	LS+		30	<0.3	24.7
ES80DG	HS+		80	<0.3	28.1
		@ 0.25" SP	49		
	LS+		30	<0.3	24.7
ES80DH	HS+		80	<0.3	28.1
		@ 0.25" SP	49		
	LS+		30	<0.3	24.7
ES80S			80	<0.3	28.1
		@ 0.25" SP	499		
ES80SG			80	<0.3	28.1
		@ 0.25" SP	49		
ES80SH			80	<0.3	28.1
		@ 0.25" SP	49		
ES130D	HS+		130	<0.3	34.9
		@ 0.25" SP	93		
	LS+		50	<0.3	28.4
ES130DG	HS+		130	<0.3	34.9
		@ 0.25" SP	93		
	LS+		50	<0.3	28.4
ES130DH	HS+		130	<0.3	34.9
		@ 0.25" SP	93		
	LS+		50	<0.3	28.4
ES130S	HS+		130	<0.3	34.9
		@ 0.25" SP	93		

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ES130SG	HS+		130	<0.3	34.9
		@ 0.25" SP	93		
ES130SH	HS+		130	<0.3	34.9
		@ 0.25" SP	93		
FRAK50LS			50	0.3	26.4
		@ 0.25" sp	32		
FRAK80			80	1.0	28.1
		@ 0.25" SP	68		
FRAK90			90	1.5	29.9
		@ 0.25" SP	78		
FRAK100	HS+		100	1.5	29.9
		@ 0.25" SP	86		
	LS+		50	0.5	26.9
FRAK100D	HS+		100	1.5	29.9
		@ 0.25" SP	86		
	LS+		50	0.5	26.9
FRAK110			110	2.0	34.0
		@ 0.25" SP	94		
FRAK130			130	2.5	
Inline Fans (all models)					
AIDB4Y			150		80.0
AIF4X			90		19.4
AIF4Y			150		80.0
AIF6X			190		61.0
AIF6Y			230		72.5
AIF8X			360		123
AIF10X			600		241
AIK14X			90		19.4
AIK14XF			110		21.1
AIK14XL			110		21.1
AIK16X			200		62.0
AIK24Y			150		80.0
AIK26Y			230		71.0
AIK26YF			230		71.0
AIK26YL			230		71.0
Kitchen Range Hoods – Ducted & Convertible					
ALI36WH			500	11.0	
ALI36SS			500	11.0	
ALI36BL			500	11.0	
AP1030-300	LS+		300	1.5	95.0
AP1030-500	MS+		500	4.5	
	LS+		300	1.5	95.0
AP1030-600	HS+		600	5.5	
	MS+		500	4.5	
	LS+		300	1.5	95.0
AP1030W-300	LS+		300	1.5	95.0
AP1030W-500	MS+		500	4.5	
	LS+		300	1.5	95.0
AP1030W-600	HS+		600	5.5	
	MS+		500	4.5	
	LS+		300	1.5	95.0
AP1036-300	LS+		300	1.5	95.0
AP1036-500	MS+		500	4.5	
	LS+		300	1.5	95.0
AP1036-600	HS+		600	5.5	
	MS+		500	4.5	
	LS+		300	1.5	95.0
AP1036W-300	LS+		300	1.5	95.0
AP1036W-500	MS+		500	4.5	
	LS+		300	1.5	95.0
AP1036W-600	HS+		600	5.5	
	MS+		500	4.5	
	LS+		300	1.5	95.0
AP1836-300	HS+		300	1.5	
AP1836-500	HS+		500	4.5	
	LS+		300	1.5	
AP1836-600	HS+		600	5.5	
	MS+		500	4.5	
	LS+		300	1.5	
AP1836W-300	LS+		300	1.5	95.0
AP1836W-500	MS+		500	4.5	
	LS+		300	1.5	95.0
AP1836W-600	HS+		600	5.5	
	MS+		500	4.5	
	LS+		300	1.5	95.0
APF1030	Ver. HS+		500	5.0	
	Ver. LS+		180	0.8	47.5
APF1030-300	LS+		300	1.5	92.2
APF1030-500	Ver. HS+		500	4.5	134
	Ver. LS+		300	1.5	92.2
APF1030-600	HS+		500	5.0	
	MS+		370	2.5	
	LS+		180	0.8	48.3
	LS+	@ 0.25" SP	140		
APF1036	Ver. HS+		500	5.0	
	Ver. LS+		180	0.8	47.5
APF1036-300	LS+		300	1.5	92.2
APF1036-500	Ver. HS+		500	4.5	134
	Ver. LS+		300	1.5	92.2

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

NOTE: CHANGES IN RED INDICATE RECENT REVISIONS TO THE HVI CERTIFIED HOME VENTILATING PRODUCTS DIRECTORY.

CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
APF1036-600	HS+		500	5.0	
	MS+		370	2.5	
	LS+		180	0.8	48.3
	LS+	@ 0.25" SP	140		
APF1830	Ver. HS+		500	5.0	
	Ver. LS+		180	0.8	47.5
APF1830-300	Ver. LS+		300	1.5	92.2
APF1830-500	Ver. HS+		500	4.5	134
	Ver. LS+		300	1.5	92.2
APF1830-600	HS+		500	5.0	
	MS+		370	2.5	
	LS+		180	0.8	48.3
APF1836	Ver. HS+		500	5.0	
	Ver. LS+		180	0.8	47.5
APF1836-300	LS+		300	1.5	92.2
APF1836-500	MS+		500	4.5	134
	LS+		300	1.5	92.2
APF1836-600	HS+		500	5.0	
	MS+		370	2.5	
	LS+		180	0.8	48.3
	LS+	@ 0.25" SP	140		
AR1303	Ver. HS+		180	7.5	
AR1304	Ver. HS+		180	7.5	
AR1305	Ver. HS+		180	7.5	
AR1306	Ver. HS+		180	7.5	
AR1308	Ver. HS+		180	7.5	
AR1363	Ver. HS+		180	7.5	
AR1364	Ver. HS+		180	7.5	
AR1365	Ver. HS+		180	7.5	
AR1366	Ver. HS+		180	7.5	
AR1368	Ver. HS+		180	7.5	
ARA36GL			570	12.5	
AV1213	Ver. HS+		180	7.5	
	Hor. HS+		180	7.0	
AV1214	Ver. HS+		180	7.5	
	Hor. HS+		180	7.0	
AV1215	Ver. HS+		180	7.5	
	Hor. HS+		180	7.0	
AV1216	Ver. HS+		180	7.5	
	Hor. HS+		180	7.0	
AV1218	Ver. HS+		180	7.5	
	Hor. HS+		180	7.0	
AV1243	Ver. HS+		180	7.5	
	Hor. HS+		180	7.0	
AV1244	Ver. HS+		180	7.5	
	Hor. HS+		180	7.0	
AV1245	Ver. HS+		180	7.5	
	Hor. HS+		180	7.0	
AV1246	Ver. HS+		180	7.5	
	Hor. HS+		180	7.0	
AV1248	Ver. HS+		180	7.5	
	Hor. HS+		180	7.0	
AV1303	Ver. HS+		180	7.5	
	Hor. HS+		180	7.0	
AV1304	Ver. HS+		180	7.5	
	Hor. HS+		180	7.0	
AV1305	Ver. HS+		180	7.5	
	Hor. HS+		180	7.0	
AV1306	Ver. HS+		180	7.5	
	Hor. HS+		180	7.0	
AV1308	Ver. HS+		180	7.5	
	Hor. HS+		180	7.0	
AV1363	Ver. HS+		180	7.5	
	Hor. HS+		180	7.0	
AV1364	Ver. HS+		180	7.5	
	Hor. HS+		180	7.0	
AV1365	Ver. HS+		180	7.5	
	Hor. HS+		180	7.0	
AV1366	Ver. HS+		180	7.5	
	Hor. HS+		180	7.0	
AV1368	Ver. HS+		180	7.5	
	Hor. HS+		180	7.0	
AV1423	Ver. HS+		180	7.5	
	Hor. HS+		180	7.0	
AV1424	Ver. HS+		180	7.5	
	Hor. HS+		180	7.0	
AV1425	Ver. HS+		180	7.5	
	Hor. HS+		180	7.0	
AV1426	Ver. HS+		180	7.5	
	Hor. HS+		180	7.0	
AV1428	Ver. HS+		180	7.5	
	Hor. HS+		180	7.0	
AX1303	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
AX1308	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
CAN36BL			500	12.5	
CAN36CO			500	12.5	
CAN36SS			500	12.5	
CAN36WH			500	12.5	
DS1303	Ver. HS+		200	6.5	
	Hor. HS+		200	6.5	
DS1304	Ver. HS+		200	6.5	
	Hor. HS+		200	6.5	

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

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CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
DS1305	Ver. HS+		200	6.5	
	Hor. HS+		200	6.5	
DS1306	Ver. HS+		200	6.5	
	Hor. HS+		200	6.5	
DS1308	Ver. HS+		200	6.5	
	Hor. HS+		200	6.5	
DS1363	Ver. HS+		200	6.5	
	Hor. HS+		200	6.5	
DS1364	Ver. HS+		200	6.5	
	Hor. HS+		200	6.5	
DS1365	Ver. HS+		200	6.5	
	Hor. HS+		200	6.5	
DS1366	Ver. HS+		200	6.5	
	Hor. HS+		200	6.5	
DS1368	Ver. HS+		200	6.5	
	Hor. HS+		200	6.5	
DQ1303	Ver. HS+		310	5.5	
	Hor. HS+		300	5.5	
DQ1304	Ver. HS+		310	5.5	
	Hor. HS+		300	5.5	
DQ1305	Ver. HS+		310	5.5	
	Hor. HS+		300	5.5	
DQ1306	Ver. HS+		310	5.5	
	Hor. HS+		300	5.5	
DQ1308	Ver. HS+		310	5.5	
	Hor. HS+		300	5.5	
ES243ADA	Ver HS+		270	4.0	
	Ver. LS+		150	1.5	41.3
	Hor. HS+		270	4.0	
	Hor. LS+		150	1.1	41.0
ES244ADA	Ver HS+		270	4.0	
	Ver. LS+		150	1.5	
	Hor. HS+		270	3.5	
	Hor. LS+		150	1.1	42.4
ES245ADA	Ver HS+		270	4.0	
	Ver. LS+		150	1.5	
	Hor. HS+		270	3.5	
	Hor. LS+		150	1.1	42.4
ES246ADA	Ver HS+		270	4.0	
	Ver. LS+		150	1.5	
	Hor. HS+		270	3.5	
	Hor. LS+		150	1.1	42.4
ES248ADA	Ver HS+		270	4.0	
	Ver. LS+		150	1.5	41.3
	Hor. HS+		270	4.0	
	Hor. LS+		150	1.1	41.0
ES303ADA	Ver HS+		270	4.0	
	Ver. LS+		150	1.5	41.3
	Hor. HS+		270	4.0	
	Hor. LS+		150	1.1	41.0
ES304ADA	Ver HS+		270	4.0	
	Ver. LS+		150	1.5	
	Hor. HS+		270	3.5	
	Hor. LS+		150	1.1	42.4
ES305ADA	Ver HS+		270	4.0	
	Ver. LS+		150	1.5	
	Hor. HS+		270	3.5	
	Hor. LS+		150	1.1	42.4
ES306ADA	Ver HS+		270	4.0	
	Ver. LS+		150	1.5	41.3
	Hor. HS+		270	4.0	
	Hor. LS+		150	1.1	41.0
ES308ADA	Ver HS+		270	4.0	
	Ver. LS+		150	1.5	41.3
	Hor. HS+		270	4.0	
	Hor. LS+		150	1.1	41.0
ES363ADA	Ver HS+		270	4.0	
	Ver. LS+		150	1.5	41.3
	Hor. HS+		270	4.0	
	Hor. LS+		150	1.1	41.0
ES364ADA	Ver HS+		270	4.0	
	Ver. LS+		150	1.5	
	Hor. HS+		270	3.5	
	Hor. LS+		150	1.1	42.4
ES365ADA	Ver HS+		270	4.0	
	Ver. LS+		150	1.5	
	Hor. HS+		270	3.5	
	Hor. LS+		150	1.1	42.4
ES366ADA	Ver HS+		270	4.0	
	Ver. LS+		150	1.5	
	Hor. HS+		270	3.5	
	Hor. LS+		150	1.1	42.4
ES368ADA	Ver HS+		270	4.0	
	Ver. LS+		150	1.5	41.3
	Hor. HS+		270	4.0	
	Hor. LS+		150	1.1	41.0
ESADPQ30	Ver. HS+		270	4.0	
	Ver. LS+		150	1.5	41.3
	Hor. HS+		270	4.0	
	Hor. LS+		150	1.5	41.0
ESADPQ36	Ver. HS+		270	4.0	
	Ver. LS+		150	1.5	41.3
	Hor. HS+		270	4.0	
	Hor. LS+		150	1.5	41.0
ESAPDQ1308	Ver. HS+		270	4.0	
	Ver. LS+		150	1.5	42.7
	Hor. HS+		270	3.5	
	Hor. LS+		150	1.1	42.4

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

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CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
ESAPDQ1368	Ver. HS+		270	4.0	
	Ver. LS+		150	1.5	42.7
	Hor. HS+		270	3.5	
	Hor. LS+		150	1.1	42.4
ESDQ1243	Ver HS+		270	4.0	
	Ver. LS+		150	1.5	41.3
	Hor. HS+		270	4.0	
	Hor. LS+		150	1.5	41.0
ESDQ1244	Ver HS+		270	4.0	
	Ver. LS+		150	1.5	
	Hor. HS+		270	3.5	
	Hor. LS+		150	1.1	42.4
ESDQ1245	Ver HS+		270	4.0	
	Ver. LS+		150	1.5	
	Hor. HS+		270	3.5	
	Hor. LS+		150	1.1	42.4
ESDQ1246	Ver HS+		270	4.0	
	Ver. LS+		150	1.5	41.3
	Hor. HS+		270	4.0	
	Hor. LS+		150	1.5	41.0
ESDQ1248	Ver HS+		270	4.0	
	Ver. LS+		150	1.5	41.3
	Hor. HS+		270	4.0	
	Hor. LS+		150	1..5	41.0
ESDQ1303	Ver. HS+		270	4.0	
	Ver. LS+		150	1.5	41.3
	Hor. HS+		270	4.0	
	Hor. LS+		150	1.5	41.0
ESDQ1304	Ver. HS+		270	4.0	
	Ver. LS+		150	1.5	42.7
	Hor. HS+		270	3.5	
	Hor. LS+		150	1.1	42.4
ESDQ1305	Ver. HS+		270	4.0	
	Ver. LS+		150	1.5	42.7
	Hor. HS+		270	3.5	
	Hor. LS+		150	1.1	42.4
ESDQ1306	Ver. HS+		270	4.0	
	Ver. LS+		150	1.5	41.3
	Hor. HS+		270	4.0	
	Hor. LS+		150	1.5	41.0
ESDQ1308	Ver. HS+		270	4.0	
	Ver. LS+		150	1.5	41.3
	Hor. HS+		270	4.0	
	Hor. LS+		150	1.5	41.0
ESDQ1363	Ver HS+		270	4.0	
	Ver. LS+		150	1.5	41.3
	Hor. HS+		270	4.0	
	Hor. LS+		150	1.5	41.0
ESDQ1364	Ver HS+		270	4.0	
	Ver. LS+		150	1.5	
	Hor. HS+		270	3.5	
	Hor. LS+		150	1.1	42.4
ESDQ1365	Ver HS+		270	4.0	
	Ver. LS+		150	1.5	
	Hor. HS+		270	3.5	
	Hor. LS+		150	1.1	42.4
ESDQ1366	Ver HS+		270	4.0	
	Ver. LS+		150	1.5	41.3
	Hor. HS+		270	4.0	
	Hor. LS+		150	1.5	41.0
ESDQ1368	Ver HS+		270	4.0	
	Ver. LS+		150	1.5	41.3
	Hor. HS+		270	4.0	
	Hor. LS+		150	1.5	41.0
ESSEV28S	HS+		300	4.5	87.3
	MS+		200	2.5	65.6
	LS+		140	0.7	48.3
ESSEV30S	HS+		300	4.5	87.3
	MS+		200	2.5	65.6
	LS+		140	0.7	48.3
ESVAL30B	HS+		300	4.5	
	MS+		200	2.5	
	LS+		120	0.8	46.4
ESVAL30S	HS+		300	4.5	
	MS+		200	2.5	
	LS+		120	0.8	46.4
ESVAL30W	HS+		300	4.5	
	MS+		200	2.5	
	LS+		120	0.8	46.4
ESVAL36B	HS+		300	4.5	
	MS+		200	2.5	
	LS+		120	0.8	46.4
ESVAL36S	HS+		300	4.5	
	MS+		200	2.5	
	LS+		120	0.8	46.4
ESVAL36W	HS+		300	4.5	
	MS+		200	2.5	
	LS+		120	0.8	46.4
GRAN30SS			600	14.0	
GRAN36SS			600	14.0	
GRAN48SS			600	14.0	
IBIZ36GL			570	12.5	
LH30SS	Ver. HS+		270	4.0	
	Ver. LS+		150	1.5	41.3
	Hor. HS+		270	4.0	
	Hor. LS+		150	1.5	41.0
LH36SS	Ver. HS+		270	4.0	
	Ver. LS+		150	1.5	41.3
	Hor. HS+		270	4.0	
	Hor. LS+		150	1.5	41.0
MAL36SS			600	14.0	
P1030-300	LS+		300	1.5	95.0

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Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

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CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
P1030-500	MS+		500	4.5	
	LS+		300	1.5	95.0
P1030-600	HS+		600	5.5	
	MS+		500	4.5	
P1030-900			900	11.0	
P1030-1200			1200	15.0	
P1030W-900			900	11.0	
P1030W-1200			1200	15.0	
P1036-300	LS+		300	1.5	95.0
P1036-500	MS+		500	4.5	
	LS+		300	1.5	95.0
P1036-600	HS+		600	5.5	
	MS+		500	4.5	
	LS+		300	1.5	95.0
P1036-900			900	11.0	
P1036-1200			1200	15.0	
P1036W-300	LS+		300	1.5	95.0
P1036W-500	MS+		500	4.5	
	LS+		300	1.5	95.0
P1036W-600	HS+		600	5.5	
	MS+		500	4.5	
	LS+		300	1.5	95.0
P1036W-900			900	11.0	
P1036W-1200			1200	15.0	
P1836-300	LS+		300	1.5	95.0
P1836-500	MS+		500	4.5	
	LS+		300	1.5	95.0
P1836-600	HS+		600	5.5	
	MS+		500	4.5	
	LS+		300	1.5	95.0
P1836-900			900	11.0	
P1836-1200			1200	15.0	
P1836W-300	LS+		300	1.5	95.0
P1836W-500	MS+		500	4.5	
	LS+		300	1.5	95.0
P1836W-600	HS+		600	5.5	
	MS+		500	4.5	
	LS+		300	1.5	95.0
P1836W-900			900	11.0	
P1836W-1200			1200	15.0	
P1842-300	LS+		300	1.5	95.0
P1842-500	MS+		500	4.5	
	LS+		300	1.5	95.0
P1842-600	HS+		600	5.5	
	MS+		500	4.5	
	LS+		300	1.5	95.0
P1842-900			900	11.0	
P1842-1200			1200	15.0	
P1842W-300	LS+		300	1.5	95.0
P1842W-500	MS+		500	4.5	
	LS+		300	1.5	95.0
P1842W-600	HS+		600	5.5	
	MS+		500	4.5	
	LS+		300	1.5	95.0
P1842W-900			900	11.0	
P1842W-1200			1200	15.0	
P1848-300	LS+		300	1.5	95.0
P1848-500	MS+		500	4.5	
	LS+		300	1.5	95.0
P1848-600	HS+		600	5.5	
	MS+		500	4.5	
	LS+		300	1.5	95.0
P1848-900			900	11.0	
P1848-1200			1200	15.0	
P1848W-300	LS+		300	1.5	95.0
P1848W-500	MS+		500	4.5	
	LS+		300	1.5	95.0
P1848W-600	HS+		600	5.5	
	MS+		500	4.5	
	LS+		300	1.5	95.0
P1848W-900			900	11.0	
P1848W-1200			1200	15.0	
SEV24SS-AB			250	5.5	
SEV24SS			450	11.5	
SEV30SS			450	11.5	
QZ2303	Ver. HS+		260	6.0	
	Hor. HS+		250	5.5	
QZ2304	Ver. HS+		260	6.0	
	Hor. HS+		250	5.5	
QZ2305	Ver. HS+		260	6.0	
	Hor. HS+		250	5.5	
QZ2306	Ver. HS+		260	6.0	
	Hor. HS+		250	5.5	
QZ2308	Ver. HS+		260	6.0	
	Hor. HS+		250	5.5	
QZ2363	Ver. HS+		260	6.0	
	Hor. HS+		250	5.5	
QZ2364	Ver. HS+		260	6.0	
	Hor. HS+		250	5.5	
QZ2365	Ver. HS+		260	6.0	
	Hor. HS+		250	5.5	
QZ2366	Ver. HS+		260	6.0	
	Hor. HS+		250	5.5	

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

NOTE: CHANGES IN RED INDICATE RECENT REVISIONS TO THE HVI CERTIFIED HOME VENTILATING PRODUCTS DIRECTORY.

CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
QZ2368	Ver. HS+		260	6.0	
	Hor. HS+		250	5.5	
VAL30BL			500	11.0	
VAL30SS			500	11.0	
VAL30WH			500	11.0	
VAL36BL			500	11.0	
VAL36SS			500	11.0	
VAL36WH			500	11.0	
VH1303	Ver. HS+		300	8.5	
	Ver. LS+		100	2.0	
	Hor. HS+		380	8.0	
	Hor. LS+		100	1.5	
VH1304	Ver. HS+		300	8.5	
	Ver. LS+		100	2.0	
	Hor. HS+		380	8.0	
	Hor. LS+		100	1.5	
VH1305	Ver. HS+		300	8.5	
	Ver. LS+		100	2.0	
	Hor. HS+		380	8.0	
	Hor. LS+		100	1.5	
VH1306	Ver. HS+		300	8.5	
	Ver. LS+		100	2.0	
	Hor. HS+		380	8.0	
	Hor. LS+		100	1.5	
VH1308	Ver. HS+		300	8.5	
	Ver. LS+		100	2.0	
	Hor. HS+		380	8.0	
	Hor. LS+		100	1.5	
VH1363	Ver. HS+		300	8.5	
	Ver. LS+		100	2.0	
	Hor. HS+		380	8.0	
	Hor. LS+		100	1.5	
VH1364	Ver. HS+		300	8.5	
	Ver. LS+		100	2.0	
	Hor. HS+		380	8.0	
	Hor. LS+		100	1.5	
VH1365	Ver. HS+		300	8.5	
	Ver. LS+		100	2.0	
	Hor. HS+		380	8.0	
	Hor. LS+		100	1.5	
VH1366	Ver. HS+		300	8.5	
	Ver. LS+		100	2.0	
	Hor. HS+		380	8.0	
	Hor. LS+		100	1.5	
VH1368	Ver. HS+		300	8.5	
	Ver. LS+		100	2.0	
	Hor. HS+		380	8.0	
	Hor. LS+		100	1.5	
Other Rooms – Exhaust Fans (all models)					
EWF180			180	6.5	

AIR KING, LTD.

Rona

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
Bathroom – Exhaust Fans (all models)					
BFQ70R			70	1.5	28.7
BFQ75			70	1.5	28.7
		@ 0.25"SP	57		
BFQ115			100	3.0	

AIR TECH EQUIPMENT, LTD.

Humidex

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
Other Rooms – Exhaust Fans (all models)					
AGV-100-26-150	26" (1 piece model) Designed for apartments and condominiums		90	2.0	18.0
BV-100-30-190	30" (1 piece model) Crawl Space Model		180	4.0	
BV-100-30-250	87.5" – 103" (2 piece Telescopic Unit) Designed for 8' Basement		240	7.0	
BV-100-51-190	51" (1 piece model) Designed for 4' Basement		180	4.0	
BV-100-102-190	87.5" – 103" (2 piece telescopic unit) Designed for 8' Basement		180	4.0	
BV-100-102-250	87.5" – 103" (2 piece Telescopic Unit) Designed for 8' Basement		240	7.0	
HCV-96	87.5" – 103" (2 piece Telescopic Unit) Designed for 8' Basement		240	7.0	
HDS-103	30" (1 piece model) Crawl Space Model		240	7.0	
HDS-105	51" (1 piece model) Designed for 4' Basement		240	7.0	
HDS-209	87.5" – 103" (2 piece Telescopic Unit) Designed for 8' Basement		240	7.0	
UNS-103	30" (1 piece model) Crawl Space Model		180	4.0	
UNS-105	51" (1 piece model) Designed for 4' Basement		180	4.0	
UNS-209	87.5" – 103" (2 piece Telescopic Unit) Designed for 8' Basement		180	4.0	
WV-SCBT	87.5" – 103" (2 piece Telescopic Unit) Designed for 8' Basement		240	7.0	

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

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CERTIFIED VENTILATING FAN PRODUCTS

AIR ZONE FANS INC.

Airzone

Bathroom – Exhaust Fans (all models)

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
PA1100V			110	1.0	26.2
		@ 0.25" SP	87		
PA1100VLE			110	1.0	26.0
		@ 0.25" SP	88		

AMERICAN ALDES VENTILATION CORPORATION

American Aldes

Inline Fans (all models)

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
A-4		@ 0.2" SP	110		20.7
		@ 0.4" SP	83		20.2
		@ 0.6" SP	55		19.0
A-4HP		@ 0.2" SP	150		71.0
		@ 0.4" SP	134		70.0
		@ 0.6" SP	119		69.0
A-5		@ 0.2:SP	130		20.4
		@ 0.4" SP	99		21.2
		@ 0.6" SP	66		20.3
A-5HP		@ 0.2" SP	190		73.0
		@ 0.4" SP	160		72.0
		@ 0.6" SP	112		68.0
A-6		@ 0.2" SP	270		73.6
		@ 0.4" SP	232		75.3
		@ 0.6" SP	164		74.2
A-6HP		@ 0.2" SP	450		157
		@ 0.4" SP	409		160
		@ 1.25" SP	243		158
A-8		@ 0.2" SP	410		121
		@ 0.4" SP	351		124
		@ 0.8" SP	243		128
A-8HP		@ 0.2" SP	470		145
		@ 0.6" SP	388		156
		@ 1.25" SP	266		159
A-10		@ 0.2" SP	480		141
		@ 0.6" SP	407		153
		@ 1.25" SP	269		158
A-10HP		@ 0.2" SP	560		200
		@ 0.8" SP	472		211
		@ 1.75" SP	306		209
A-12		@ 0.2" SP	680		184
		@ 0.8" SP	433		204
		@ 1.25" SP	290		203
A-12HP		@ 0.2" SP	880		306
		@ 0.8" SP	670		326
		@ 1.25" SP	504		330
BVS 120			150		42.5
BVS 200			230		65.9
DSVS 100			110		37.5
FSVS 100			110		37.3
MPVS 100			80		21.2
MPVS 120			120		37.6
MPVS 150			170		41.3
MPVS 200			250		62.5
VS-4			80		21.6
VS-4MAX			120		38.4
VS-6			170		40.1
VS-6MAX			260		63.2

Remote Exterior Mounted Ventilators

XMVA4			120		18.0
XMVA4HP			180		92.0
XMVA6			220		92.0
XMVA6HP			360		149.0
XMVA8HP			410		151.0

BROAN –NUTONE LLC

Aira (Canada)

Bathroom – Exhaust Fans (all models)

VSBP50M			50	3.0
VSBP90M			90	2.5

Kitchen Range Hoods – Ducted & Convertible

HFRM	Ver. HS+		180	7.5
	Hor. HS+		180	7.0
	7" Ver. Rd. HS+		210	7.0

BROAN –NUTONE LLC

Best

Kitchen Range Hoods – Ducted & Convertible

CC34ISB	Hor. HS+		500	8.5
	Hor. WS+	@ 0.021" SP	220	3.0
CP34I309SB	Ver. HS+		290	11.5
	Ver. LS+		130	3.0
CP34I369SB	Ver. HS+		290	11.5
	Ver. LS+		130	3.0
CP34I429SB	Ver. HS+		290	11.5
	Ver. LS+		130	3.0
CP35I309SB	Ver. HS+		600	12.0
	Ver. LS+		190	2.0

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

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CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
CP35I369SB	Ver. HS+		600	12.0	
	Ver. LS+		190	2.0	
CP35I429SB	Ver. HS+		600	12.0	
	Ver. LS+		190	2.0	
CP37I482SB	Ver. HS+		1200	13.5	
	Ver. LS+		380	2.0	
CP45I362SB	Ver. HS+		600	8.5	
	Ver. LS+		210	1.1	
CP45I369SB	Ver. HS+		600	8.5	
	Ver. LS+		210	1.1	
CP45I489SB	Ver. HS+		600	8.5	
	Ver. LS+		210	1.1	
CP47I362SB	Ver. HS+		1000	12.0	
	Ver. LS+		370	1.5	
CP47I422SB	Ver. HS+		1000	12.0	
	Ver. LS+		370	1.5	
CP47I482SB	Ver. HS+		1080	10.5	
	Ver. LS+		410	1.5	
CP47I542SB	Ver. HS+		1110	10.5	
	Ver. LS+		420	1.5	
CP47I602SB	Ver. HS+		1110	10.5	
	Ver. LS+		420	1.5	
CP47I662SB	Ver. HS+		1110	10.5	
	Ver. LS+		420	1.5	
CPDI362SB	Ver. HS+		1040	11.5	
	Ver. WS+	@ 0.022" SP	480	3.0	
CPDI482SB	Ver. HS+		1040	11.5	
	Ver. WS+	@ 0.022" SP	480	3.0	
CPDI602SB	Ver. HS+		1040	11.5	
	Ver. WS+	@ 0.022" SP	480	3.0	
IBF4I36SB	Ver. HS+		450	8.5	
	Ver. LS+		190	2.5	
IS23BL	Ver. HS+		500	8.5	
IS23SS	Ver. HS+		500	8.5	
IS23WH	Ver. HS+		500	8.5	
IS4270X100SS	Ver. HS+		1000	11.5	
IS4290X130CMSS	Ver. HS+		1000	11.5	
IS102SS	Ver. HS+		1000	12.0	
IS170SS	Ver. HS+		450	8.0	
BER02ISSS	Ver. HS+		500	9.0	
IC35I90B	Ver. HS+		490	7.0	
	Ver. WS+		220	2.5	
IC35I90W	Ver. HS+		490	7.0	
	Ver. WS+		220	2.5	
IM33I45SP	Ver. HS+		400	7.0	
	Ver. WS+		200	3.0	
IS502SS	Ver. HS+		450	8.5	

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
ISER222SS	Ver. HS+		1000	10.0	
K1590CMSS	Ver. HS+		500	9.5	
K2948SS	Ver. HS+		500	8.5	
K2990CMSS	Ver. HS+		500	8.5	
K3090CMSS	Ver. HS+		500	8.5	
K3048SS	Ver. HS+		500	8.5	
K3490CMSS	Ver. HS+		500	9.5	
K4130SS	Ver. HS+		500	8.0	
K4136SS	Ver. HS+		500	8.0	
K4236SS	Ver. HS+		1000	10.0	
K4242SS	Ver. HS+		1000	10.0	
K4248SS	Ver. HS+		1000	10.0	
K4254SS	Ver. HS+		1000	10.0	
K27342SS	Ver. HS+		500	9.5	
K27390CMSS	Ver. HS+		500	9.5	
K313930BL	Ver. HS+		400	6.0	
K313930SS	Ver. HS+		400	6.0	
K313936BL	Ver. HS+		400	6.0	
K313936SS	Ver. HS+		400	6.0	
K313942SS	Ver. HS+		400	6.0	
K350090CMSS	Ver. HS+		450	9.0	
K738890CMSS	Ver. HS+		450	9.0	
K778836SS	Ver. HS+		440	9.0	
K778836SSB	Ver. HS+		440	9.0	
K778836SSC	Ver. HS+		440	9.0	
K778836SSR	Ver. HS+		440	9.0	
K808730SS	Ver. HS+		450	9.0	
K808736SS	Ver. HS+		450	9.0	
KER22242SS	Ver. HS+		1000	10.0	
KER22248SS	Ver. HS+		1000	10.0	
KER22290CMSS	Ver. HS+		1000	10.0	
P5	Ver. HS+		460	10.5	
	Hor. HS+		500	10.0	
P6	Ver. HS+		600	8.5	
P8	Ver. HS+		850	10.5	
	Hor. HS+		900	10.0	
P12			1200	11.0	
P12D			1200	12.0	
P1951M52CMBL	Ver. HS+		450	7.5	
P1951M52CMSS	Ver. HS+		450	7.5	
P1951M70CMBL	Ver. HS+		450	7.5	
P1951M70CMSS	Ver. HS+		450	7.5	
P1952M70CMBL	Ver. HS+		800	10.0	
P1952M70CMSS	Ver. HS+		800	10.0	
PK2229	Ver. HS+		1000	10.5	
PK2238	Ver. HS+		1000	10.5	
U10230BLI	Ver. HS+		500	10.0	
U10230SBI	Ver. HS+		500	10.0	
U10236BLI	Ver. HS+		500	10.0	
U10236SBI	Ver. HS+		500	10.0	
UP27I30SB	Ver. 3x10		550	8.5	
	Ver. 3x14		600	8.5	
	Hor. 3x10		650	8.5	
	Hor. 3x14		700	8.5	
UP27I36SB	Ver. 3x10		550	8.5	
	Ver. 3x14		600	8.5	
	Hor. 3x10		650	8.5	
	Hor. 3x14		700	8.5	

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Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

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CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
UP27I42SB	Ver. 3x10		550	8.5	
	Ver. 3x14		600	8.5	
	Hor. 3x10		650	8.5	
	Hor. 3x14		700	8.5	
UP27I48SB	Ver. 3x10		550	8.5	
	Ver. 3x14		600	8.5	
	Hor. 3x10		650	8.5	
	Hor. 3x14		700	8.5	
WBF4I30SB	Ver. HS+		450	8.5	
	Ver. LS+		190	2.5	
WBF4I36SB	Ver. HS+		450	8.5	
	Ver. LS+		190	2.5	
WC23I90CBG	Ver. HS+		410	9.0	
	Ver. LS+		110	1.0	
WC23I90SBG	Ver. HS+		410	9.0	
	Ver. LS+		110	1.0	
WC26I36CB	Ver. HS+		480	9.5	
	Ver. LS+		130	1.0	
WC26I36SB	Ver. HS+		480	9.5	
	Ver. LS+		130	1.0	
WC26I42CB	Ver. HS+		480	9.5	
	Ver. LS+		130	1.0	
WC26I42SB	Ver. HS+		480	9.5	
	Ver. LS+		130	1.0	
WC26I48CB	Ver. HS+		480	9.5	
	Ver. LS+		130	1.0	
WC26I48SB	Ver. HS+		480	9.5	
	Ver. LS+		130	1.0	
WC33I90SB	Ver. HS+		490	7.5	
	Ver. WS+		220	2.0	
WC34I90SB	Ver. HS+		450	9.0	
WC35I90SB	Ver. HS+		450	9.0	
WC43I80B	Ver. HS+		490	7.5	
	Ver. WS+		220	3.0	
WC43I80W	Ver. HS+		490	7.5	
	Ver. WS+		220	3.0	
WM24I36AM	Ver. HS+		530	8.5	
	Ver. LS+		140	1.0	
	Hor. HS+		540	9.0	
	Hor. LS+		150	1.0	
WM24I48AM	Ver. HS+		530	8.5	
	Ver. LS+		140	1.0	
	Hor. HS+		540	9.0	
	Hor. LS+		150	1.0	
WM33I40R	Ver. HS+		400	7.0	
	Ver. WS+		200	3.0	
WM34I80SB	Ver. HS+		490	7.5	
	Ver. WS+		220	2.0	
WM43I80SB	Ver. HS+		490	7.5	
	Ver. WS+		220	2.0	
WM45I80SB	Ver. HS+		460	8.5	
	Ver. WS+		210	2.5	
WPD38I36SB	Ver. HS+		1160	11.0	
	Ver. WS+		430	2.0	
WPD38I48SB	Ver. HS+		1160	11.0	
	Ver. WS+		430	2.0	
WPD38I60SB	Ver. HS+		1160	11.0	
	Ver. WS+		430	2.0	
WT32I302SB	Ver. HS+		600	9.5	
	Ver. WS+		200	1.4	
WT32I362SB	Ver. HS+		600	9.5	
	Ver. WS+		200	1.4	
WT32I422SB	Ver. HS+		600	9.5	
	Ver. WS+		200	1.4	
WT32I482SB	Ver. HS+		1200	12.0	
	Ver. WS+		400	2.0	
Downdraft Kitchen Exhausters					
DD0130SS	Ver. HS+		500		
DD0136SS	Ver. HS+		500		
DD0148SS	Ver. HS+		500		
Inline Fans (all models)					
ILB3	Ver. HS+	@ 0.20" SP	260		
	Hor. HS+	@ 0.20" SP	280		
ILB6	Ver. HS+	@ 0.20" SP	600		
	Hor. HS+	@ 0.20" SP	600		
ILB9	Ver. HS+	@ 0.20" SP	700		
	Hor. HS+	@ 0.20" SP	800		
ILB11	Ver. HS+	@ 0.20" SP	1000		
	Hor. HS+	@ 0.20" SP	1100		
Remote Exterior Mounted Ventilators					
EB6		@ 0.03" SP	640		
		@ 0.10" SP	600		
EB9		@ 0.03" SP	940		
		@ 0.10" SP	900		
EB12		@ 0.03" SP	1230		
		@ 0.10" SP	1200		
EB15		@ 0.03" SP	1530		
		@ 0.10" SP	1500		

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Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

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CERTIFIED VENTILATING FAN PRODUCTS

BROAN –NUTONE LLC

Broan

Bathroom – Exhaust Fans (all models)

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
100HL			100	2.0	70.2
		@ 0.25" SP	85		66.0
100HFL			100	2.0	70.2
		@ 0.25" SP	85		66.0
162			70	3.5	
164			70	3.5	
576			50	1.5	17.8
655			70	4.0	
655MX			70	4.0	
657			70	4.0	
658			70	4.0	
659			50	2.5	
670			50	3.5	
671			70	6.0	
671MX			70	6.0	
673			60	4.5	
674			110	4.0	
676			110	4.0	
676MX			110	4.0	
678			50	2.5	42.4
		@ 0.25" SP	39		41.6
679			70	3.5	
679L			70	3.5	
680			100	4.0	
683			80	2.5	
683L			80	2.5	
684			80	2.5	49.0
		@ 0.25" SP	68	3.0	45.3
688			50	4.0	
689			60	5.5	
690			60	3.0	
696			100	4.5	
741SN			70	3.5	
741WH			70	3.5	
744			70	1.5	34.4
		@ 0.25" SP	55		32.3
744FL			70	1.5	34.4
		@ 0.25" SP	55		32.3
744SFL			70	1.5	34.4
		@ 0.25" SP	55		32.3
750			100	3.5	
751			100	3.5	
754RB			70	3.5	
754SN			70	3.5	
757SN			80	2.5	29.0
		@ 0.25" SP	67		27.8
761BN			80	2.5	
761RB			80	2.5	
761WHA			80	2.5	
764BN			80	2.5	
764RB			80	2.5	
764WH			80	2.5	
766BN			80	2.5	
766RB			80	2.5	
770			50	1.5	17.8
		@ 0.25" SP	35		
771			70	4.0	
778WH			80	2.0	24.9
		@ 0.25" SP	68		
784			80	2.0	26.1
		@ 0.25" SP	65		
HD50			50	1.5	27.1
		@ 0.25" SP	38		
HD50=RDH with HD50RDF			50	1.5	27.1
		@ 0.25" SP	38		
HD50L			50	1.5	27.0
		@ 0.25" SP	38		25.1
HD80			80	2.5	29.0
		@ 0.25" SP	67		27.8
HD80L			80	2.5	49.0
		@ 0.25" SP	65		48.0
L671M			70	6.0	
L673M			60	4.5	
L678M			50	2.5	
LP80	4" Duct		80	1.1	25.6
		@ 0.25" SP	60		
	3" Duct		70	1.3	25.7
		@ 0.25"SP	55		
QT80E			80	0.8	28.4
		@ 0.25" SP	55		
QT80L			80	0.8	28.4
		@ 0.25" SP	55	1.0	28.1
QT90E			90	1.5	36.3
		@ 0.25" SP	72		
QT90L			90	1.5	36.3
		@ 0.25" SP	72		36.2
QT110E			110	1.0	36.3
		@ 0.25"SP	90		
QT110LE			110	1.0	36.3
		@ 0.25"SP	90		
QT130E	4" Duct		130	2.0	48.3
	4" Duct	@ 0.25" SP	116		
	6" Duct		130	1.5	49.0
	6" Duct	@ 0.25" SP	114		

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

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CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
QT130LE	4" Duct		130	2.0	48.3
	4" Duct	@ 0.25" SP	116		
	6" Duct		130	1.5	49.0
	6" Duct	@ 0.25" SP	114		
QT140E	4" duct		130	2.0	48.3
	4" duct	@ 0.25" SP	116		
	6" duct		140	1.5	49.0
	6" duct	@ 0.25" SP	123		
QT140LE	4" duct		130	2.0	46.4
	4' duct	@ 0.25" SP	112		
	6" duct		140	1.5	47.4
	6" duct	@ 0.25" SP	122		
QTR050F			50	0.4	26.8
		@ 0.25" SP	28		26.6
QTR080			80	1.0	56.6
		@ 0.25" SP	66		57.8
QTR080L			80	1.0	56.6
		@ 0.25" SP	66		57.8
QTR110			110	1.5	70.5
		@ 0.25" SP	98		69.2
QTR110L			110	1.5	70.5
		@ 0.25" SP	98		69.2
QTR140	6" Duct		140	2.0	
	4" Duct		130	2.5	
QTR140L	6" Duct		140	2.0	
	4" Duct		130	2.5	
QTRE080			80	0.8	28.4
		@ 0.25 " SP	55		
QTRE080=QTXR000HF with QTRE080F			80	0.8	28.4
		@ 0.25 " SP	55		
QTRE080C2S	HS+		80	0.8	24.8
	HS+	@ 0.25" SP	56		
	LS+		40	<0.3	12.9
QTRE080FLT			80	0.8	28.4
		@ 0.25 " SP	55		
QTRE080FLT=QTXR000HL with QTRE080FLFT			80	0.8	28.4
		@ 0.25" SP	55		
QTRE080R			80	0.8	28.4
		@ 0.25" SP	55		
QTRE080RF			80	0.8	28.4
		@ 0.25" SP	55		
QTRE100S			100	1.5	36.3
		@ 0.25 " SP	81		
QTRE100S=HQT54 with FQTRE110S			100	1.5	36.3
		@ 0.25 " SP	81		
QTRE110			110	1.3	36.3
		@ 0.25" SP	90		
QTRE110=QTXR000HF with QTRE110F			110	1.3	36.3
		@ 0.25" SP	90		
QTRE110FLT			110	1.3	36.3
		@ 0.25" SP	90		
QTRE110FLT=QTXR000HL with QTRE110FLFT			110	1.3	36.3
		@ 0.25" SP	90		
QTRE110RF			110	1.3	36.3
		@ 0.25" SP	90		
QTX110HFLT			110	0.9	42.8
		@ 0.25" SP	82		41.7
QTX110HL			110	0.9	42.8
		@ 0.25 " SP	84		41.7
QTX110SL			110	0.9	33.5
		@ 0.25 " SP	90		33.0
QTXE050			50	<0.3	19.6
		@ 0.25 " SP	31		
QTXE080			80	0.3	23.3
		@ 0.25 " SP	55		
QTXE080FLT			80	0.3	23.3
		@ 0.25 " SP	55		
QTXE110			110	0.7	33.5
		@ 0.25 " SP	90		
QTXE110FLT			110	0.7	33.5
		@ 0.25 " SP	90		
QTXE110S			110	0.7	33.5
		@ 0.25 " SP	90		
QTXE110SFLT			110	0.7	33.5
		@ 0.25 " SP	90		33.0
QTXE150			150	1.4	51.3
		@ 0.25 " SP	118		
QTXE150FLT			150	1.4	51.3
		@ 0.25 " SP	118		
SSQTXE080			80	0.3	23.3
		@ 0.25 " SP	55		
SSQTXE110			110	0.7	33.5
		@ 0.25 " SP	90		
XB50	6" Rd. Duct		50	<0.3	4.9
		@ 0.25 " SP	49		
	4" Duct		50	<0.3	5.1
		@ 0.25" SP	50		
XB50L	6" Rd. Duct		50	<0.3	4.9
		@ 0.25" SP	48		
	4" Duct		50	<0.3	5.3
		@ 0.25" SP	50		

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Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

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CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
XB80	6" Rd. Duct		80	<0.3	5.8
		@ 0.25" SP	79		
	4" Duct		80	0.3	7.6
		@ 0.25" SP	80		
XB80L	6" Rd. Duct		80	<0.3	6.0
		@ 0.25" SP	80		
	4" Duct		60	<0.3	6.4
		@ 0.25" SP	63		
XB110	6" Rd. Duct		110	<0.3	7.7
		@ 0.25" SP	110		
XB110L	6" Rd. Duct		110	<0.3	8.7
		@ 0.25" SP	110		
ZB80	6" Rd. Duct				
	Airflow rate setting 80		80	<0.3	5.8
		@ 0.25" SP	79		
	Airflow rate setting 70		70	<0.3	5.1
		@ 0.25" SP	71		
	Airflow rate setting 60		60	<0.3	4.4
		@ 0.25" SP	61		
	Airflow rate setting 50		50	<0.3	4.0
		@ 0.25" SP	49		
	Airflow rate setting 40		40	<0.3	3.7
		@ 0.25" SP	36		
	Airflow rate setting 30		30	<0.3	3.4
		@ 0.25" SP	23		
ZB80	4" Duct				
	Airflow rate setting 80		80	0.3	7.6
		@ 0.25" SP	80		
	Airflow rate setting 70		70	<0.3	6.5
		@ 0.25" SP	70		
	Airflow rate setting 60		60	<0.3	5.5
		@ 0.25" SP	60		
	Airflow rate setting 50		50	<0.3	5.1
		@ 0.25" SP	47		
	Airflow rate setting 40		40	<0.3	4.3
		@ 0.25" SP	34		
	Airflow rate setting 30		30	<0.3	3.9
		@ 0.25" SP	22		
ZB80L	6" Rd. Duct				
	Airflow rate setting 80		80	<0.3	6.0
		@ 0.25" SP	80		
	Airflow rate setting 70		70	<0.3	5.2
		@ 0.25" SP	70		
	Airflow rate setting 60		60	<0.3	4.6
		@ 0.25" SP	60		
	Airflow rate setting 50		50	<0.3	4.1
		@ 0.25" SP	50		
	Airflow rate setting 40		40	<0.3	3.6
		@ 0.25" SP	40		
	Airflow rate setting 30		30	<0.3	3.3
		@ 0.25" SP	30		
ZB80L	4" Duct				
	Airflow rate setting 60		60	<0.3	6.4
		@ 0.25" SP	63		
	Airflow rate setting 50		50	<0.3	5.6
		@ 0.25" SP	54		
	Airflow rate setting 40		40	<0.3	4.9
		@ 0.25" SP	43		
	Airflow rate setting 30		30	<0.3	4.4
		@ 0.25" SP	30		

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
ZB110	Airflow rate setting 110		110	<0.3	7.7
		@ 0.25" SP	110		
	Airflow rate setting 100		100	<0.3	7.0
		@ 0.25" SP	100		
	Airflow rate setting 90		90	<0.3	6.4
		@ 0.25" SP	90		
	Airflow rate setting 80		80	<0.3	5.8
		@ 0.25" SP	80		
	Airflow rate setting 70		70	<0.3	5.1
		@ 0.25" SP	70		
	Airflow rate setting 60		60	<0.3	4.6
		@ 0.25" SP	60		
	Airflow rate setting 50		50	<0.3	4.1
		@ 0.25" SP	50		
	Airflow rate setting 40		40	<0.3	3.7
		@ 0.25" SP	40		
	Airflow rate setting 30		30	<0.3	3.3
		@ 0.25" SP	30		
ZB110L	Airflow rate setting 110		110	<0.3	8.7
		@ 0.25" SP	110		
	Airflow rate setting 100		100	<0.3	7.3
		@ 0.25" SP	100		
	Airflow rate setting 90		90	<0.3	6.5
		@ 0.25" SP	90		
	Airflow rate setting 80		80	<0.3	6.0
		@ 0.25" SP	80		
	Airflow rate setting 70		70	<0.3	5.2
		@ 0.25" SP	70		
	Airflow rate setting 60		60	<0.3	4.6
		@ 0.25" SP	60		
	Airflow rate setting 50		50	<0.3	4.1
		@ 0.25" SP	50		
	Airflow rate setting 40		40	<0.3	3.6
		@ 0.25" SP	40		
	Airflow rate setting 30		30	<0.3	3.3
		@ 0.25" SP	30		

Downdraft Kitchen Exhausters

273003			500
273603			500
RMDD3004			500
RMDD3604			500
RMDD4804			500

Inline Fans (all models)

MP100		@ 0.20" SP	110
		@ 0.40" SP	98
MP140		@ 0.20" SP	150
		@ 0.40" SP	141
MP200		@ 0.20" SP	210
		@ 0.40" SP	200
MP280		@ 0.20" SP	290
		@ 0.40" SP	265
HLB3	Ver. HS+	@ 0.20" SP	260
	Hor. HS+	@ 0.20" SP	280
HLB6	Ver. HS+	@ 0.20" SP	600
	Hor. HS+	@ 0.20" SP	600

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Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

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CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
HLB9	Ver. HS+	@ 0.20" SP	700		
	Hor. HS+	@ 0.20" SP	800		
HLB11	Ver. HS+	@ 0.20" SP	1000		
	Hor. HS+	@ 0.20" SP	1100		
SP100		@ 0.20" SP	110		
		@ 0.40" SP	97		
SP140		@ 0.20" SP	150		
		@ 0.40" SP	133		
SP200		@ 0.20" SP	210		
		@ 0.40" SP	195		
Kitchen - Exhaust Fans					
12C			370	8.0	
502			270	8.0	
503			160	5.0	
504			350	6.5	
505			180	6.5	
506			470	8.0	
507			250	7.0	
508			270	6.0	
509			180	6.5	
509S			180	6.5	
509SMX			180	6.5	
L509SM			180	6.5	
Kitchen Range Hoods – Ducted & Convertible					
103023	Ver. HS+		360	5.0	
	Hor. HS+		360	4.5	
113023	Ver. HS+		360	4.5	
	Hor. HS+		360	4.5	
153001	Ver. HS+		300	4.5	
153004	Ver. HS+		300	4.5	
153023	Ver. HS+		300	4.5	
153601	Ver. HS+		300	4.5	
153604	Ver. HS+		300	4.5	
153623	Ver. HS+		300	4.5	
402101	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
402102	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
402108	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
402401	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
402402	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
402404	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
402408	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
403001	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
403002	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
403004	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
403008	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
403023	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
403601	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
403602	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
403604	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
403608	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
403623	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
404201	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
404202	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
404208	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
422401	Ver. HS+		190	6.0	
422401D	Ver. HS+		190	6.0	
422402	Ver. HS+		190	6.0	
422404	Ver. HS+		190	6.0	
422408	Ver. HS+		190	6.0	
423001	Ver. HS+		190	6.0	
423001D	Ver. HS+		190	6.0	
423002	Ver. HS+		190	6.0	
423004	Ver. HS+		190	6.0	
423008	Ver. HS+		190	6.0	
423008D	Ver. HS+		190	6.0	
423023	Ver. HS+		190	6.0	
423601	Ver. HS+		190	6.0	
423601D	Ver. HS+		190	6.0	
423602	Ver. HS+		190	6.0	
423604	Ver. HS+		190	6.0	
423608	Ver. HS+		190	6.0	
423608D	Ver. HS+		190	6.0	
423623	Ver. HS+		190	6.0	
424201	Ver. HS+		190	6.0	
424201D	Ver. HS+		190	6.0	
424202	Ver. HS+		190	6.0	
424204	Ver. HS+		190	6.0	
424208	Ver. HS+		190	6.0	
433004	Ver. HS+		190	7.0	
	Hor. HS+		160	7.0	
	7" Rd.Ver. HS+		220	8.0	

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CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
433011	Ver. HS+		190	7.0	
	Hor. HS+		160	7.0	
	7" Rd.Ver. HS+		220	8.0	
433018	Ver. HS+		190	7.0	
	Hor. HS+		160	7.0	
	7" Rd.Ver. HS+		220	8.0	
433022	Ver. HS+		190	7.0	
	Hor. HS+		160	7.0	
	7" Rd.Ver. HS+		220	8.0	
433023	Ver. HS+		190	7.0	
	Hor. HS+		160	7.0	
	7" Rd.Ver. HS+		220	8.0	
433604	Ver. HS+		190	7.0	
	Hor. HS+		160	7.0	
	7" Rd.Ver. HS+		220	8.0	
433611	Ver. HS+		190	7.0	
	Hor. HS+		160	7.0	
	7" Rd.Ver. HS+		220	8.0	
433618	Ver. HS+		190	7.0	
	Hor. HS+		160	7.0	
	7" Rd.Ver. HS+		220	8.0	
433622	Ver. HS+		190	7.0	
	Hor. HS+		160	7.0	
	7" Rd.Ver. HS+		220	8.0	
433623	Ver. HS+		190	7.0	
	Hor. HS+		160	7.0	
	7" Rd.Ver. HS+		220	8.0	
462401	Ver. HS+		190	7.5	
	Hor. HS+		190	7.5	
	7" Rd.Ver. HS+		220	7.5	
462404	Ver. HS+		190	7.5	
	Hor. HS+		190	7.5	
	7" Rd.Ver. HS+		220	7.5	
462423	Ver. HS+		190	7.5	
	Hor. HS+		190	7.5	
	7" Rd.Ver. HS+		220	7.5	
463001	Ver. HS+		190	7.5	
	Hor. HS+		190	7.5	
	7" Rd.Ver. HS+		220	7.5	
463002	Ver. HS+		190	7.5	
	Hor. HS+		190	7.5	
	7" Rd.Ver. HS+		220	7.5	
463004	Ver. HS+		190	7.5	
	Hor. HS+		190	7.5	
	7" Rd.Ver. HS+		220	7.5	
463008	Ver. HS+		190	7.5	
	Hor. HS+		190	7.5	
	7" Rd.Ver. HS+		220	7.5	
463011	Ver. HS+		190	7.5	
	Hor. HS+		190	7.5	
	7" Rd.Ver. HS+		220	7.5	
463023	Ver. HS+		190	7.5	
	Hor. HS+		190	7.5	
	7" Rd.Ver. HS+		220	7.5	
463601	Ver. HS+		190	7.5	
	Hor. HS+		190	7.5	
	7" Rd.Ver. HS+		220	7.5	
463602	Ver. HS+		190	7.5	
	Hor. HS+		190	7.5	
	7" Rd.Ver. HS+		220	7.5	
463604	Ver. HS+		190	7.5	
	Hor. HS+		190	7.5	
	7" Rd.Ver. HS+		220	7.5	
463608	Ver. HS+		190	7.5	
	Hor. HS+		190	7.5	
	7" Rd.Ver. HS+		220	7.5	
463623	Ver. HS+		190	7.5	
	Hor. HS+		190	7.5	
	7" Rd.Ver. HS+		220	7.5	
464201	Ver. HS+		190	7.5	
	Hor. HS+		190	7.5	
	7" Rd.Ver. HS+		220	7.5	
464202	Ver. HS+		190	7.5	
	Hor. HS+		190	7.5	
	7" Rd.Ver. HS+		220	7.5	
464204	Ver. HS+		190	7.5	
	Hor. HS+		190	7.5	
	7" Rd.Ver. HS+		220	7.5	
464208	Ver. HS+		190	7.5	
	Hor. HS+		190	7.5	
	7" Rd.Ver. HS+		220	7.5	
523001	Ver. HS+		100	8.0	
523002	Ver. HS+		100	8.0	
523008	Ver. HS+		100	8.0	
523601	Ver. HS+		100	8.0	
524201	Ver. HS+		100	8.0	
613004	Ver. HS+		450	9.0	
614804	Ver. HS+		900	9.5	
619004	Ver. HS+		450	9.0	
637004	Ver. HS+		900	9.5	
883001	Ver. HS+		360	5.5	
	Hor. HS+		350	6.0	
883002	Ver. HS+		360	5.5	
	Hor. HS+		350	6.0	
883004	Ver. HS+		360	5.5	
	Hor. HS+		350	6.0	
883008	Ver. HS+		360	5.5	
	Hor. HS+		350	6.0	
883011	Ver. HS+		360	5.5	
	Hor. HS+		350	6.0	

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

NOTE: CHANGES IN RED INDICATE RECENT REVISIONS TO THE HVI CERTIFIED HOME VENTILATING PRODUCTS DIRECTORY.

CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
883022	Ver. HS+		360	5.5	
	Hor. HS+		350	6.0	
883023	Ver. HS+		360	5.5	
	Hor. HS+		350	6.0	
883601	Ver. HS+		360	5.5	
	Hor. HS+		350	6.0	
883604	Ver. HS+		360	5.5	
	Hor. HS+		350	6.0	
883608	Ver. HS+		360	5.5	
	Hor. HS+		350	6.0	
883623	Ver. HS+		360	5.5	
	Hor. HS+		350	6.0	
883901	Ver. HS+		360	5.5	
	Hor. HS+		350	6.0	
883904	Ver. HS+		360	5.5	
	Hor. HS+		350	6.0	
884201	Ver. HS+		360	5.5	
	Hor. HS+		350	6.0	
884204	Ver. HS+		360	5.5	
	Hor. HS+		350	6.0	
884223	Ver. HS+		360	5.5	
	Hor. HS+		350	6.0	
884801	Ver. HS+		360	5.5	
	Hor. HS+		350	6.0	
884804	Ver. HS+		360	5.5	
	Hor. HS+		350	6.0	
884823	Ver. HS+		360	5.5	
	Hor. HS+		350	6.0	
893001	Ver. HS+		460	6.0	
	Hor. HS+		440	7.0	
893004	Ver. HS+		460	6.0	
	Hor. HS+		440	7.0	
893011	Ver. HS+		460	6.0	
	Hor. HS+		440	7.0	
893023	Ver. HS+		460	6.0	
	Hor. HS+		440	7.0	
893601	Ver. HS+		460	6.0	
	Hor. HS+		440	7.0	
893604	Ver. HS+		460	6.0	
	Hor. HS+		440	7.0	
893623	Ver. HS+		460	6.0	
	Hor. HS+		440	7.0	
893901	Ver. HS+		460	6.0	
	Hor. HS+		440	7.0	
893904	Ver. HS+		460	6.0	
	Hor. HS+		440	7.0	
894201	Ver. HS+		460	6.0	
	Hor. HS+		440	7.0	
894204	Ver. HS+		460	6.0	
	Hor. HS+		440	7.0	
894223	Ver. HS+		460	6.0	
	Hor. HS+		440	7.0	
894801	Ver. HS+		460	6.0	
	Hor. HS+		440	7.0	
894804	Ver. HS+		460	6.0	
	Hor. HS+		440	7.0	
AP130BL	Ver. HS+		440	7.0	
	Ver. LS+		120	0.5	
	Hor. HS+		440	7.0	
	Hor. LS+		130	0.5	
AP130SS	Ver. HS+		440	7.0	
	Ver. LS+		120	0.5	
	Hor. HS+		440	7.0	
	Hor. LS+		130	0.5	
AP130WW	Ver. HS+		440	7.0	
	Ver. LS+		120	0.5	
	Hor. HS+		440	7.0	
	Hor. LS+		130	0.5	
AP136BL	Ver. HS+		440	7.0	
	Ver. LS+		120	0.5	
	Hor. HS+		440	7.0	
	Hor. LS+		130	0.5	
AP136SS	Ver. HS+		440	7.0	
	Ver. LS+		120	0.5	
	Hor. HS+		440	7.0	
	Hor. LS		130	0.5	
AP136WW	Ver. HS+		440	7.0	
	Ver. LS+		120	0.5	
	Hor. HS+		440	7.0	
	Hor. LS+		130	0.5	
APE130SS	Hor. HS+		440	7.0	160
	Hor. WS+	@ 0.023" SP	200	0.7	70.1
	Ver. HS+		440	7.0	162
	Ver. WS+	@ 0.020" SP	200	0.9	70.2
B3030SS	Hor. HS+		300	6.0	84.3
	Hor. WS+		120	1.0	57.8
	Ver. HS+		270	6.0	83.7
	Ver. WS+		120	0.8	58.5
	7" Rd. HS+		270	6.0	82.4
	7" Rd. WS+		120	0.8	58.0
B3036SS	Hor. HS+		300	6.0	84.3
	Hor. WS+		120	1.0	57.8
	Ver. HS+		270	6.0	83.7
	Ver. WS+		120	0.8	58.5
	7" Rd. HS+		270	6.0	82.4
	7" Rd. WS+		120	0.8	58.0

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

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CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
B5630SS	Ver. HS+		450	8.5	
	Ver. LS+		190	2.5	
B5636SS	Ver. HS+		450	8.5	
	Ver. LS+		190	2.5	
B5730SS	Ver. HS+		450	8.5	
	Ver. LS+		190	2.5	
B5736SS	Ver. HS+		450	8.5	
	Ver. LS+		190	2.5	
B5830SS	Ver. HS+		450	8.5	
	Ver. LS+		190	2.5	
B5836SS	Ver. HS+		450	8.5	
	Ver. LS+		190	2.5	
B5936SS	Ver. HS+		450	8.5	
	Ver. LS+		190	2.5	
E5490SS	Ver. HS+		480	9.5	
	Ver. LS+		230	3.0	
E6030SS	Ver. HS+		600	13.0	
	Ver. LS+		150	1.5	
	Hor. HS+		600	13.5	
	Hor. LS+		150	1.5	
E6036SS	Ver. HS+		600	13.0	
	Ver. LS+		150	1.5	
	Hor. HS+		600	13.5	
	Hor. LS+		150	1.5	
E6042SS	Ver. HS+		600	13.0	
	Ver. LS+		150	1.5	
	Hor. HS+		600	13.5	
	Hor. LS+		150	1.5	
E6042TSS	Ver. HS+		1200	14.5	
	Ver. WS+		350	2.0	
	Hor. HS+		1200	14.0	
	Hor. WS+		350	2.0	
E6048SS	Ver. HS+		600	13.0	
	Ver. LS+		150	1.5	
	Hor. HS+		600	13.5	
	Hor. LS+		150	1.5	
E6048TSS	Ver. HS+		1200	14.5	
	Ver. WS+		350	2.0	
	Hor. HS+		1200	14.0	
	Hor. WS+		350	2.0	
E6430SS	Ver. HS+		600	13.0	
	Ver. LS+		150	1.5	
	Hor. HS+		600	13.0	
	Hor. LS+		150	1.5	
E6436SS	Ver. HS+		600	13.0	
	Ver. LS+		150	1.5	
	Hor. HS+		600	13.0	
	Hor. LS+		150	1.5	
E6442SS	Ver. HS+		600	13.0	
	Ver. LS+		150	1.5	
	Hor. HS+		600	13.0	
	Hor. LS+		150	1.5	
E6448SS	Ver. HS+		600	13.0	
	Ver. LS+		150	1.5	
	Hor. HS+		600	13.0	
	Hor. LS+		150	1.5	
E6448TSS	Ver. HS+		1200	14.5	
	Ver. LS+		350	2.0	
	Hor. HS+		1200	14.0	
	Hor. LS+		350	2.0	
E66130BL	Ver. BS+		550	8.5	
	Ver. HS+		290	2.5	
	Ver. LS+		120	0.4	
	Hor. BS+		600	8.5	
	Hor. HS+		310	2.5	
	Hor. LS+		130	<0.3	
E66130SS	Ver. BS+		550	8.5	
	Ver. HS+		290	2.5	
	Ver. LS+		120	0.4	
	Hor. BS+		600	8.5	
	Hor. HS+		310	2.5	
	Hor. LS+		130	<0.3	
E66130WW	Ver. BS+		550	8.5	
	Ver. HS+		290	2.5	
	Ver. LS+		120	0.4	
	Hor. BS+		600	8.5	
	Hor. HS+		310	2.5	
	Hor. LS+		130	<0.3	
E66136BL	Ver. BS+		550	8.5	
	Ver. HS+		290	2.5	
	Ver. LS+		120	0.4	
	Hor. BS+		600	8.5	
	Hor. HS+		310	2.5	
	Hor. LS+		130	<0.3	
E66136SS	Ver. BS+		550	8.5	
	Ver. HS+		290	2.5	
	Ver. LS+		120	0.4	
	Hor. BS+		600	8.5	
	Hor. HS+		310	2.5	
	Hor. LS+		130	<0.3	
E66136WW	Ver. BS+		550	8.5	
	Ver. HS+		290	2.5	
	Ver. LS+		120	0.4	
	Hor. BS+		600	8.5	
	Hor. HS+		310	2.5	
	Hor. LS+		130	<0.3	
E66142SS	Ver. BS+		550	8.5	
	Ver. HS+		290	2.5	
	Ver. LS+		120	0.4	
	Hor. BS+		600	8.5	
	Hor. HS+		310	2.5	
	Hor. LS+		130	<0.3	
E5590SS	Ver. HS+		360	6.5	
	Ver. LS+		140	0.7	

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Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

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CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
EI5936SS	Ver. HS+		500	10.5	
	Ver. WS+	@ 0.004" SP	200	2.5	
EPD6136SS	Ver. HS+		1160	11.0	
	Ver. WS+		430	2.0	
EPD6148SS	Ver. HS+		1160	11.0	
	Ver. WS+		430	2.0	
EW5630SS	Ver. HS+		500	10.5	
	Ver. WS+	@ 0.004" SP	200	2.5	
EW5636SS	Ver. HS+		500	10.5	
	Ver. WS+	@ 0.004" SP	200	2.5	
EW5830SS	Ver. HS+		500	10.5	
	Ver. WS+	@ 0.004" SP	200	2.5	
EW5836SS	Ver. HS+		500	10.5	
	Ver. WS+	@ 0.004" SP	200	2.5	
F402401	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
	7" Rd. Ver. HS+		190	6.5	
F402402	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
	7" Rd. Ver. HS+		190	6.5	
F402404	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
	7" Rd. Ver. HS+		190	6.5	
F402408	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
	7" Rd. Ver. HS+		190	6.5	
F402411	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
	7" Rd. Ver. HS+		190	6.5	
F402422	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
	7" Rd. Ver. HS+		190	6.5	
F402423	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
	7" Rd. Ver. HS+		190	6.5	
F403001	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
	7" Rd. Ver. HS+		190	6.5	
F403002	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
	7" Rd. Ver. HS+		190	6.5	
F403004	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
	7" Rd. Ver. HS+		190	6.5	
F403008	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
	7" Rd. Ver. HS+		190	6.5	
F403011	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
	7" Rd. Ver. HS+		190	6.5	
F403022	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
	7" Rd. Ver. HS+		190	6.5	
F403023	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
	7" Rd. Ver. HS+		190	6.5	
F403601	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
	7" Rd. Ver. HS+		190	6.5	
F403602	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
	7" Rd. Ver. HS+		190	6.5	
F403604	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
	7" Rd. Ver. HS+		190	6.5	
F403608	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
	7" Rd. Ver. HS+		190	6.5	
F403611	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
	7" Rd. Ver. HS+		190	6.5	
F403622	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
	7" Rd. Ver. HS+		190	6.5	
F403623	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
	7" Rd. Ver. HS+		190	6.5	
F404201	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
	7" Rd. Ver. HS+		190	6.5	
F404202	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
	7" Rd. Ver. HS+		190	6.5	
F404204	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
	7" Rd. Ver. HS+		190	6.5	
F404208	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
	7" Rd. Ver. HS+		190	6.5	
F404211	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
	7" Rd. Ver. HS+		190	6.5	
F404222	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
	7" Rd. Ver. HS+		190	6.5	
F404223	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
	7" Rd. Ver. HS+		190	6.5	

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

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CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
P5	Ver. HS+		460	10.5	
	Hor. HS+		500	10.0	
P8	Ver. HS+		850	10.5	
	Hor. HS+		900	10.0	
PM250	Ver. HS+		250	8.0	
PM390	Ver. HS+		390	6.0	
PM390S	Ver. HS+		390	6.0	
PM390WW	Ver. HS+		390	6.0	
PM500SS	Ver. HS+		500	9.0	
PME300	Ver. HS+		290	5.0	282
	Ver. WS+		120	0.5	43.8
QDE30BL	Ver. HS+		250	6.0	
	Ver. WS+		120	1.1	36.2
	Hor. HS+		290	5.5	
	Hor. WS+		130	0.8	36.2
QDE30SS	Ver. HS+		250	6.0	
	Ver. WS+		120	1.1	36.2
	Hor. HS+		290	5.5	
	Hor. WS+		130	0.8	36.2
QDE30WW	Ver. HS+		250	6.0	
	Ver. WS+		120	1.1	36.2
	Hor. HS+		290	5.5	
	Hor. WS+		130	0.8	36..2
QL130BC	Ver. HS+		190	6.0	
	Ver. WS+	@ 0.038" SP	130	2.0	
	Hor. HS+		190	6.0	
	Hor. WS+	@ 0.031" SP	100	2.0	
	7"Rd. Ver. HS+		230	6.0	
	7"Rd. Ver. WS+	@ 0.039" SP	150	2.0	
QL130WW	Ver. HS+		190	6.0	
	Ver. WS+	@ 0.038" SP	130	2.0	
	Hor. HS+		190	6.0	
	Hor. WS+	@ 0.031" SP	100	2.0	
	7"Rd. Ver. HS+		230	6.0	
	7"Rd. Ver. WS+	@ 0.039" SP	150	2.0	
QML30BL	Ver. HS+		200	5.0	
	Ver. WS+	@ 0.038" SP	130	2.0	
	Hor. HS+		190	4.5	
	Hor. WS+	@ 0.031" SP	100	1.5	
	7" Rd. HS+		250	4.5	
	7" Rd. WS+	@ 0.039" SP	150	2.0	
QML30SS	Ver. HS+		200	5.0	
	Ver. WS+	@ 0.038" SP	130	2.0	
	Hor. HS+		190	4.5	
	Hor. WS+	@ 0.031" SP	100	1.5	
	7" Rd. HS+		250	4.5	
	7" Rd. WS+	@ 0.039" SP	150	2.0	
QML30WW	Ver. HS+		200	5.0	
	Ver. WS+	@ 0.038" SP	130	2.0	
	Hor. HS+		190	4.5	
	Hor. WS+	@ 0.031" SP	100	1.5	
	7" Rd. HS+		250	4.5	
	7" Rd. WS+	@ 0.039" SP	150	2.0	

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
QP130BL	Ver. HS+		290	5.0	
	Ver. LS+		120	0.8	
	Hor. HS+		300	5.0	
	Hor. LS+		120	0.8	
	7"Rd. Ver. HS+		250	5.0	
	7"Rd. Ver. LS+		120	0.8	
QP130SS	Ver. HS+		290	5.0	
	Ver. LS+		120	0.8	
	Hor. HS+		300	5.0	
	Hor. LS+		120	0.8	
	7"Rd. Ver. HS+		250	5.0	
	7"Rd. Ver. LS+		120	0.8	
QP130WW	Ver. HS+		290	5.0	
	Ver. LS+		120	0.8	
	Hor. HS+		300	5.0	
	Hor. LS+		120	0.8	
	7"Rd. Ver. HS+		250	5.0	
	7"Rd. Ver. LS+		120	0.8	
QP136BL	Ver. HS+		290	5.0	
	Ver. LS+		120	0.8	
	Hor. HS+		300	5.0	
	Hor. LS+		120	0.8	
	7"Rd Ver. HS+		250	5.0	
	7"Rd Ver. LS+		120	0.8	
QP136SS	Ver. HS+		290	5.0	
	Ver. LS+		120	0.8	
	Hor. HS+		300	5.0	
	Hor. LS+		120	0.8	
	7"Rd. Ver. HS+		250	5.0	
	7"Rd. Ver. LS+		120	0.8	
QP136WW	Ver. HS+		290	5.0	
	Ver. LS+		120	0.8	
	Hor. HS+		300	5.0	
	Hor. LS+		120	0.8	
	7"Rd. Ver. HS+		250	5.0	
	7"Rd. Ver. LS+		120	0.8	
QP142BL	Hor. HS+		300	5.0	
	Hor. WS+		100	0.8	
	Ver. HS+		280	5.0	
	Ver. WS+		100	0.8	
	7" Rd. HS+		260	5.5	
	7" Rd. WS+		90	0.8	
QP142SS	Hor. HS+		300	5.0	
	Hor. WS+		100	0.8	
	Ver. HS+		280	5.0	
	Ver. WS+		100	0.8	
	7" Rd. HS+		260	5.5	
	7" Rd. WS+		90	0.8	
QP142WW	Hor. HS+		300	5.0	
	Hor. WS+		100	0.8	
	Ver. HS+		280	5.0	
	Ver. WS+		100	0.8	
	7" Rd. HS+		260	5.5	
	7" Rd. WS+		90	0.8	

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
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CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
QP230BC	Hor. HS+		350	5.0	
	Hor. MS+		240	2.5	
	Hor. WS+		100	0.6	
	Ver. HS+		310	6.0	
	Ver. MS+		220	2.5	
	Ver. WS+		100	0.6	
	7” Rd. HS+		280	6.0	
	7” Rd. MS+		200	2.5	
	7” Rd. WS+		100	0.6	
QP230BL	Hor. HS+		350	5.0	
	Hor. MS+		240	2.5	
	Hor. WS+		100	0.6	
	Ver. HS+		310	6.0	
	Ver. MS+		220	2.5	
	Ver. WS+		100	0.6	
	7” Rd. HS+		280	6.0	
	7” Rd. MS+		200	2.5	
	7” Rd. WS+		100	0.6	
QP230SS	Hor. HS+		350	5.0	
	Hor. MS+		240	2.5	
	Hor. WS+		100	0.6	
	Ver. HS+		310	6.0	
	Ver. MS+		220	2.5	
	Ver. WS+		100	0.6	
	7” Rd. HS+		280	6.0	
	7” Rd. MS+		200	2.5	
	7” Rd. WS+		100	0.6	
QP230WW	Hor. HS+		350	5.0	
	Hor. MS+		240	2.5	
	Hor. WS+		100	0.6	
	Ver. HS+		310	6.0	
	Ver. MS+		220	2.5	
	Ver. WS+		100	0.6	
	7” Rd. HS+		280	6.0	
	7” Rd. MS+		200	2.5	
	7” Rd. WS+		100	0.6	
QP236BC	Hor. HS+		350	5.0	
	Hor. MS+		240	2.5	
	Hor. WS+		100	0.6	
	Ver. HS+		310	6.0	
	Ver. MS+		220	2.5	
	Ver. WS+		100	0.6	
	7” Rd. HS+		280	6.0	
	7” Rd. MS+		200	2.5	
	7” Rd. WS+		100	0.6	
QP236BL	Hor. HS+		350	5.0	
	Hor. MS+		240	2.5	
	Hor. WS+		100	0.6	
	Ver. HS+		310	6.0	
	Ver. MS+		220	2.5	
	Ver. WS+		100	0.6	
	7” Rd. HS+		280	6.0	
	7” Rd. MS+		200	2.5	
	7” Rd. WS+		100	0.6	
QP236SS	Hor. HS+		350	5.0	
	Hor. MS+		240	2.5	
	Hor. WS+		100	0.6	
	Ver. HS+		310	6.0	
	Ver. MS+		220	2.5	
	Ver. WS+		100	0.6	
	7” Rd. HS+		280	6.0	
	7” Rd. MS+		200	2.5	
	7” Rd. WS+		100	0.6	
QP236WW	Hor. HS+		350	5.0	
	Hor. MS+		240	2.5	
	Hor. WS+		100	0.6	
	Ver. HS+		310	6.0	
	Ver. MS+		220	2.5	
	Ver. WS+		100	0.6	
	7” Rd. HS+		280	6.0	
	7” Rd. MS+		200	2.5	
	7” Rd. WS+		100	0.6	
QP242BC	Hor. HS+		350	5.0	
	Hor. MS+		240	2.5	
	Hor. WS+		100	0.6	
	Ver. HS+		310	6.0	
	Ver. MS+		220	2.5	
	Ver. WS+		100	0.6	
	7” Rd. HS+		280	6.0	
	7” Rd. MS+		200	2.5	
	7” Rd. WS+		100	0.6	
QP242BL	Hor. HS+		350	5.0	
	Hor. MS+		240	2.5	
	Hor. WS+		100	0.6	
	Ver. HS+		310	6.0	
	Ver. MS+		220	2.5	
	Ver. WS+		100	0.6	
	7” Rd. HS+		280	6.0	
	7” Rd. MS+		200	2.5	
	7” Rd. WS+		100	0.6	
QP242SS	Hor. HS+		350	5.0	
	Hor. MS+		240	2.5	
	Hor. WS+		100	0.6	
	Ver. HS+		310	6.0	
	Ver. MS+		220	2.5	
	Ver. WS+		100	0.6	
	7” Rd. HS+		280	6.0	
	7” Rd. MS+		200	2.5	
	7” Rd. WS+		100	0.6	
QP242WW	Hor. HS+		350	5.0	
	Hor. MS+		240	2.5	
	Hor. WS+		100	0.6	
	Ver. HS+		310	6.0	
	Ver. MS+		220	2.5	
	Ver. WS+		100	0.6	
	7” Rd. HS+		280	6.0	
	7” Rd. MS+		200	2.5	
	7” Rd. WS+		100	0.6	

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

NOTE: CHANGES IN RED INDICATE RECENT REVISIONS TO THE HVI CERTIFIED HOME VENTILATING PRODUCTS DIRECTORY.

CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
QP330BL	Hor. BS+		450	7.0	
	Hor. HS+		360	4.5	
	Hor. MS+		230	1.5	
	Hor. WS+		100	<0.3	
	Ver. BS+		390	7.5	
	Ver. HS+		320	5.5	
	Ver. MS+		210	2.0	
	Ver. WS+		100	<0.3	
	7" Rd. BS+		340	7.0	
	7" Rd. HS+		300	5.5	
	7" Rd. MS+		200	2.0	
	7" Rd. WS+		100	<0.3	
QP330SS	Hor. BS+		450	7.0	
	Hor. HS+		360	4.5	
	Hor. MS+		230	1.5	
	Hor. WS+		100	<0.3	
	Ver. BS+		390	7.5	
	Ver. HS+		320	5.5	
	Ver. MS+		210	2.0	
	Ver. WS+		100	<0.3	
	7" Rd. BS+		340	7.0	
	7" Rd. HS+		300	5.5	
	7" Rd. MS+		200	2.0	
	7" Rd. WS+		100	<0.3	
QP330WW	Hor. BS+		450	7.0	
	Hor. HS+		360	4.5	
	Hor. MS+		230	1.5	
	Hor. WS+		100	<0.3	
	Ver. BS+		390	7.5	
	Ver. HS+		320	5.5	
	Ver. MS+		210	2.0	
	Ver. WS+		100	<0.3	
	7" Rd. BS+		340	7.0	
	7" Rd. HS+		300	5.5	
	7" Rd. MS+		200	2.0	
	7" Rd. WS+		100	<0.3	
QP336BL	Hor. BS+		450	7.0	
	Hor. HS+		360	4.5	
	Hor. MS+		230	1.5	
	Hor. WS+		100	<0.3	
	Ver. BS+		390	7.5	
	Ver. HS+		320	5.5	
	Ver. MS+		210	2.0	
	Ver. WS+		100	<0.3	
	7" Rd. BS+		340	7.0	
	7" Rd. HS+		300	5.5	
	7" Rd. MS+		200	2.0	
	7" Rd. WS+		100	<0.3	
QP336SS	Hor. BS+		450	7.0	
	Hor. HS+		360	4.5	
	Hor. MS+		230	1.5	
	Hor. WS+		100	<0.3	
	Ver. BS+		390	7.5	
	Ver. HS+		320	5.5	
	Ver. MS+		210	2.0	
	Ver. WS+		100	<0.3	
	7" Rd. BS+		340	7.0	
	7" Rd. HS+		300	5.5	
	7" Rd. MS+		200	2.0	
	7" Rd. WS+		100	<0.3	
QP336WW	Hor. BS+		450	7.0	
	Hor. HS+		360	4.5	
	Hor. MS+		230	1.5	
	Hor. WS+		100	<0.3	
	Ver. BS+		390	7.5	
	Ver. HS+		320	5.5	
	Ver. MS+		210	2.0	
	Ver. WS+		100	<0.3	
	7" Rd. BS+		340	7.0	
	7" Rd. HS+		300	5.5	
	7" Rd. MS+		200	2.0	
	7" Rd. WS+		100	<0.3	
QP342BL	Hor. BS+		450	7.0	
	Hor. HS+		360	4.5	
	Hor. MS+		230	1.5	
	Hor. WS+		100	<0.3	
	Ver. BS+		390	7.5	
	Ver. HS+		320	5.5	
	Ver. MS+		210	2.0	
	Ver. WS+		100	<0.3	
	7" Rd. BS+		340	7.0	
	7" Rd. HS+		300	5.5	
	7" Rd. MS+		200	2.0	
	7" Rd. WS+		100	<0.3	
QP342SS	Hor. BS+		450	7.0	
	Hor. HS+		360	4.5	
	Hor. MS+		230	1.5	
	Hor. WS+		100	<0.3	
	Ver. BS+		390	7.5	
	Ver. HS+		320	5.5	
	Ver. MS+		210	2.0	
	Ver. WS+		100	<0.3	
	7" Rd. BS+		340	7.0	
	7" Rd. HS+		300	5.5	
	7" Rd. MS+		200	2.0	
	7" Rd. WS+		100	<0.3	
QP342WW	Hor. BS+		450	7.0	
	Hor. HS+		360	4.5	
	Hor. MS+		230	1.5	
	Hor. WS+		100	<0.3	
	Ver. BS+		390	7.5	
	Ver. HS+		320	5.5	
	Ver. MS+		210	2.0	
	Ver. WS+		100	<0.3	
	7" Rd. BS+		340	7.0	
	7" Rd. HS+		300	5.5	
	7" Rd. MS+		200	2.0	
	7" Rd. WS+		100	<0.3	
QP430SS	Hor. BS+		630	7.5	
	Hor. HS+		470	4.5	
	Hor. MS+		290	1.5	
	Hor. WS+		150	<0.3	
	Ver. BS+		570	7.0	
	Ver. HS+		430	4.5	
	Ver. MS+		280	1.5	
	Ver. WS+		160	<0.3	
	7" Rd. BS+		460	7.0	
	7" Rd. HS+		360	4.5	
	7" Rd. MS+		230	1.5	
	7" Rd. WS+		130	<0.3	

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

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CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
QP436SS	Hor. BS+		630	7.5	
	Hor. HS+		470	4.5	
	Hor. MS+		290	1.5	
	Hor. WS+		150	<0.3	
	Ver. BS+		570	7.0	
	Ver. HS+		430	4.5	
	Ver. MS+		280	1.5	
	Ver. WS+		160	<0.3	
	7" Rd. BS+		460	7.0	
	7" Rd. HS+		360	4.5	
	7" Rd. MS+		230	1.5	
	7" Rd. WS+		130	<0.3	
QP442SS	Hor. BS+		630	7.5	
	Hor. HS+		470	4.5	
	Hor. MS+		290	1.5	
	Hor. WS+		150	<0.3	
	Ver. BS+		570	7.0	
	Ver. HS+		430	4.5	
	Ver. MS+		280	1.5	
	Ver. WS+		160	<0.3	
	7" Rd. BS+		460	7.0	
	7" Rd. HS+		360	4.5	
	7" Rd. MS+		230	1.5	
	7" Rd. WS+		130	<0.3	
QS130AA	Ver. HS+		210	5.5	
	Ver. LS+		110	1.5	
	Hor. HS+		220	5.0	
	Hor. LS+		110	1.5	
	7" Rd. Ver. HS+		230	5.0	
	7" Rd. Ver. LS+		120	1.5	
QS130BC	Ver. HS+		210	5.5	
	Ver. LS+		110	1.5	
	Hor. HS+		220	5.0	
	Hor. LS+		110	1.5	
	7" Rd. Ver. HS+		230	5.0	
	7" Rd. Ver. LS+		120	1.5	
QS130BL	Ver. HS+		210	5.5	
	Ver. LS+		110	1.5	
	Hor. HS+		220	5.0	
	Hor. LS+		110	1.5	
	7" Rd. Ver. HS+		230	5.0	
	7" Rd. Ver. LS+		120	1.5	
QS130SS	Ver. HS+		210	5.5	
	Ver. LS+		110	1.5	
	Hor. HS+		220	5.0	
	Hor. LS+		110	1.5	
	7" Rd. Ver. HS+		230	5.0	
	7" Rd. Ver. LS+		120	1.5	
QS130SSMX	Ver. HS+		200	5.5	
	Hor. HS+		220	5.0	
	7" Rd. Ver. HS+		200	5.5	
QS130WW	Ver. HS+		210	5.5	
	Ver. LS+		110	1.5	
	Hor. HS+		220	5.0	
	Hor. LS+		110	1.5	
	7" Rd. Ver. HS+		230	5.0	
	7" Rd. Ver. LS+		120	1.5	
QS136AA	Ver. HS+		210	5.5	
	Ver. LS+		110	1.5	
	Hor. HS+		220	5.0	
	Hor. LS+		110	1.5	
	7" Rd. Ver. HS+		230	5.0	
	7" Rd. Ver. LS+		120	1.5	
QS136BC	Ver. HS+		210	5.5	
	Ver. LS+		110	1.5	
	Hor. HS+		220	5.0	
	Hor. LS+		110	1.5	
	7" Rd. Ver. HS+		230	5.0	
	7" Rd. Ver. LS+		120	1.5	
QS136BL	Ver. HS+		210	5.5	
	Ver. LS+		110	1.5	
	Hor. HS+		220	5.0	
	Hor. LS+		110	1.5	
	7" Rd. Ver. HS+		230	5.0	
	7" Rd. Ver. LS+		120	1.5	
QS136SS	Ver. HS+		210	5.5	
	Ver. LS+		110	1.5	
	Hor. HS+		220	5.0	
	Hor. LS+		110	1.5	
	7" Rd. Ver. HS+		230	5.0	
	7" Rd. Ver. LS+		120	1.5	
QS136WW	Ver. HS+		210	5.5	
	Ver. LS+		110	1.5	
	Hor. HS+		220	5.0	
	Hor. LS+		110	1.5	
	7" Rd. Ver. HS+		230	5.0	
	7" Rd. Ver. LS+		120	1.5	
QS142AA	Ver. HS+		210	5.5	
	Ver. LS+		110	1.5	
	Hor. HS+		220	5.0	
	Hor. LS+		110	1.5	
	7" Rd. Ver. HS+		230	5.0	
	7" Rd. Ver. LS+		120	1.5	
QS142BC	Ver. HS+		210	5.5	
	Ver. LS+		110	1.5	
	Hor. HS+		220	5.0	
	Hor. LS+		110	1.5	
	7" Rd. Ver. HS+		230	5.0	
	7" Rd. Ver. LS+		120	1.5	
QS142BL	Ver. HS+		210	5.5	
	Ver. LS+		110	1.5	
	Hor. HS+		220	5.0	
	Hor. LS+		110	1.5	
	7" Rd. Ver. HS+		230	5.0	
	7" Rd. Ver. LS+		120	1.5	
QS142SS	Ver. HS+		210	5.5	
	Ver. LS+		110	1.5	
	Hor. HS+		220	5.0	
	Hor. LS+		110	1.5	
	7" Rd. Ver. HS+		230	5.0	
	7" Rd. Ver. LS+		120	1.5	

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

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CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
QS142WW	Ver. HS+		210	5.5	
	Ver. LS+		110	1.5	
	Hor. HS+		220	5.0	
	Hor. LS+		110	1.5	
	7" Rd. Ver. HS+		230	5.0	
	7" Rd. Ver. LS+		120	1.5	
QS230AA	Ver. HS+		280	5.5	
	Ver. LS+		110	1.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.9	
	7" Rd. Ver. HS+		280	5.0	
	7" Rd. Ver. LS+		110	0.8	
QS230BC	Ver. HS+		280	5.5	
	Ver. LS+		110	1.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.9	
	7" Rd. Ver. HS+		280	5.0	
	7" Rd. Ver. LS+		110	0.8	
QS230BL	Ver. HS+		280	5.5	
	Ver. LS+		110	1.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.9	
	7" Rd. Ver. HS+		280	5.0	
	7" Rd. Ver. LS+		110	0.8	
QS230SS	Ver. HS+		280	5.5	
	Ver. LS+		110	1.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.9	
	7" Rd. Ver. HS+		280	5.0	
	7" Rd. Ver. LS+		110	0.8	
QS230WW	Ver. HS+		280	5.5	
	Ver. LS+		110	1.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.9	
	7" Rd. Ver. HS+		280	5.0	
	7" Rd. Ver. LS+		110	0.8	
QS236AA	Ver. HS+		280	5.5	
	Ver. LS+		110	1.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.9	
	7" Rd. Ver. HS+		280	5.0	
	7" Rd. Ver. LS+		110	0.8	
QS236BC	Ver. HS+		280	5.5	
	Ver. LS+		110	1.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.9	
	7" Rd. Ver. HS+		280	5.0	
	7" Rd. Ver. LS+		110	0.8	
QS236BL	Ver. HS+		280	5.5	
	Ver. LS+		110	1.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.9	
	7" Rd. Ver. HS+		280	5.0	
	7" Rd. Ver. LS+		110	0.8	
QS236SS	Ver. HS+		280	5.5	
	Ver. LS+		110	1.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.9	
	7" Rd. Ver. HS+		280	5.0	
	7" Rd. Ver. LS+		110	0.8	
QS236WW	Ver. HS+		280	5.5	
	Ver. LS+		110	1.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.9	
	7" Rd. Ver. HS+		280	5.0	
	7" Rd. Ver. LS+		110	0.8	
QS242AA	Ver. HS+		280	5.5	
	Ver. LS+		110	1.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.9	
	7" Rd. Ver. HS+		280	5.0	
	7" Rd. Ver. LS+		110	0.8	
QS242BC	Ver. HS+		280	5.5	
	Ver. LS+		110	1.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.9	
	7" Rd. Ver. HS+		280	5.0	
	7" Rd. Ver. LS+		110	0.8	
QS242BL	Ver. HS+		280	5.5	
	Ver. LS+		110	1.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.9	
	7" Rd. Ver. HS+		280	5.0	
	7" Rd. Ver. LS+		110	0.8	
QS242SS	Ver. HS+		280	5.5	
	Ver. LS+		110	1.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.9	
	7" Rd. Ver. HS+		280	5.0	
	7" Rd. Ver. LS+		110	0.8	
QS242WW	Ver. HS+		280	5.5	
	Ver. LS+		110	1.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.9	
	7" Rd. Ver. HS+		280	5.0	
	7" Rd. Ver. LS+		110	0.8	
QS330AA	Ver. BS+		380	8.5	
	Ver. HS+		280	5.5	
	Ver. LS+		110	0.3	
	Hor. BS+		430	8.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.4	
	7" Rd. Ver.BS+		350	8.0	
	7" Rd. Ver. HS+		270	5.5	
	7" Rd. Ver. LS+		100	0.5	

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

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CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
QS330BC	Ver. BS+		380	8.5	
	Ver. HS+		280	5.5	
	Ver. LS+		110	0.3	
	Hor. BS+		430	8.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.4	
	7” Rd. Ver.BS+		350	8.0	
	7” Rd. Ver. HS+		270	5.5	
	7” Rd. Ver. LS+		100	0.5	
QS330BL	Ver. BS+		380	8.5	
	Ver. HS+		280	5.5	
	Ver. LS+		110	0.3	
	Hor. BS+		430	8.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.4	
	7” Rd. Ver.BS+		350	8.0	
	7” Rd. Ver. HS+		270	5.5	
	7” Rd. Ver. LS+		100	0.5	
QS330SS	Ver. BS+		380	8.5	
	Ver. HS+		280	5.5	
	Ver. LS+		110	0.3	
	Hor. BS+		430	8.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.4	
	7” Rd. Ver.BS+		350	8.0	
	7” Rd. Ver. HS+		270	5.5	
	7” Rd. Ver. LS+		100	0.5	
QS330WW	Ver. BS+		380	8.5	
	Ver. HS+		280	5.5	
	Ver. LS+		110	0.3	
	Hor. BS+		430	8.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.4	
	7” Rd. Ver.BS+		350	8.0	
	7” Rd. Ver. HS+		270	5.5	
	7” Rd. Ver. LS+		100	0.5	
QS336AA	Ver. BS+		380	8.5	
	Ver. HS+		280	5.5	
	Ver. LS+		110	0.3	
	Hor. BS+		430	8.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.4	
	7” Rd. Ver.BS+		350	8.0	
	7” Rd. Ver. HS+		270	5.5	
	7” Rd. Ver. LS+		100	0.5	
QS336BC	Ver. BS+		380	8.5	
	Ver. HS+		280	5.5	
	Ver. LS+		110	0.3	
	Hor. BS+		430	8.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.4	
	7” Rd. Ver.BS+		350	8.0	
	7” Rd. Ver. HS+		270	5.5	
	7” Rd. Ver. LS+		100	0.5	
QS336BL	Ver. BS+		380	8.5	
	Ver. HS+		280	5.5	
	Ver. LS+		110	0.3	
	Hor. BS+		430	8.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.4	
	7” Rd. Ver.BS+		350	8.0	
	7” Rd. Ver. HS+		270	5.5	
	7” Rd. Ver. LS+		100	0.5	
QS336SS	Ver. BS+		380	8.5	
	Ver. HS+		280	5.5	
	Ver. LS+		110	0.3	
	Hor. BS+		430	8.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.4	
	7” Rd. Ver.BS+		350	8.0	
	7” Rd. Ver. HS+		270	5.5	
	7” Rd. Ver. LS+		100	0.5	
QS336WW	Ver. BS+		380	8.5	
	Ver. HS+		280	5.5	
	Ver. LS+		110	0.3	
	Hor. BS+		430	8.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.4	
	7” Rd. Ver.BS+		350	8.0	
	7” Rd. Ver. HS+		270	5.5	
	7” Rd. Ver. LS+		100	0.5	
QS342AA	Ver. BS+		380	8.5	
	Ver. HS+		280	5.5	
	Ver. LS+		110	0.3	
	Hor. BS+		430	8.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.4	
	7” Rd. Ver.BS+		350	8.0	
	7” Rd. Ver. HS+		270	5.5	
	7” Rd. Ver. LS+		100	0.5	
QS342BC	Ver. BS+		380	8.5	
	Ver. HS+		280	5.5	
	Ver. LS+		110	0.3	
	Hor. BS+		430	8.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.4	
	7” Rd. Ver.BS+		350	8.0	
	7” Rd. Ver. HS+		270	5.5	
	7” Rd. Ver. LS+		100	0.5	
QS342BL	Ver. BS+		380	8.5	
	Ver. HS+		280	5.5	
	Ver. LS+		110	0.3	
	Hor. BS+		430	8.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.4	
	7” Rd. Ver.BS+		350	8.0	
	7” Rd. Ver. HS+		270	5.5	
	7” Rd. Ver. LS+		100	0.5	

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

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CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
QS342SS	Ver. BS+		380	8.5	
	Ver. HS+		280	5.5	
	Ver. LS+		110	0.3	
	Hor. BS+		430	8.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.4	
	7" Rd. Ver.BS+		350	8.0	
	7" Rd. Ver. HS+		270	5.5	
	7" Rd. Ver. LS+		100	0.5	
QS342WW	Ver. BS+		380	8.5	
	Ver. HS+		280	5.5	
	Ver. LS+		110	0.3	
	Hor. BS+		430	8.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.4	
	7" Rd. Ver.BS+		350	8.0	
	7" Rd. Ver. HS+		270	5.5	
	7" Rd. Ver. LS+		100	0.5	
QSE130BL	Hor. HS+		210	5.0	89.7
	Hor. WS+	@ 0.027" SP	110	1.5	38.6
	Ver. HS+		210	5.5	89.3
	Ver. WS+	@ 0.046" SP	130	2.0	38.0
	7" Rd. HS+		220	5.5	88.4
	7" Rd. WS+	@ 0.042" SP	140	2.0	37.9
QSE130SS	Hor. HS+		210	5.0	89.7
	Hor. WS+	@ 0.027" SP	110	1.5	38.6
	Ver. HS+		210	5.5	89.3
	Ver. WS+	@ 0.046" SP	130	2.0	38.0
	7" Rd. HS+		220	5.5	88.4
	7" Rd. WS+	@ 0.042" SP	140	2.0	37.9
QSE130WW	Hor. HS+		210	5.0	89.7
	Hor. WS+	@ 0.027" SP	110	1.5	38.6
	Ver. HS+		210	5.5	89.3
	Ver. WS+	@ 0.046" SP	130	2.0	38.0
	7" Rd. HS+		220	5.5	88.4
	7" Rd. WS+	@ 0.042" SP	140	2.0	37.9
QT230AA	Ver. HS+		200	4.5	
	Hor. HS+		170	4.5	
	7" Rd. Ver. HS+		220	4.5	
QT230BC	Ver. HS+		200	4.5	
	Hor. HS+		170	4.5	
	7" Rd. Ver. HS+		220	4.5	
QT230BL	Ver. HS+		200	4.5	
	Hor. HS+		170	4.5	
	7" Rd. Ver. HS+		220	4.5	
QT230SS	Ver. HS+		200	4.5	
	Hor. HS+		170	4.5	
	7" Rd. Ver. HS+		220	4.5	
QT230SSMX	Ver. HS+		180	5.0	
	Hor. HS+		170	5.0	
	7" Rd Ver. HS+		200	5.5	
QT230WW	Ver. HS+		200	4.5	
	Hor. HS+		170	4.5	
	7" Rd. Ver. HS+		220	4.5	
QT236AA	Ver. HS+		200	4.5	
	Hor. HS+		170	4.5	
	7" Rd. Ver. HS+		220	4.5	
QT236BC	Ver. HS+		200	4.5	
	Hor. HS+		170	4.5	
	7" Rd. Ver. HS+		220	4.5	
QT236BL	Ver. HS+		200	4.5	
	Hor. HS+		170	4.5	
	7" Rd. Ver. HS+		220	4.5	
QT236SS	Ver. HS+		200	4.5	
	Hor. HS+		170	4.5	
	7" Rd. Ver. HS+		220	4.5	
QT236WW	Ver. HS+		200	4.5	
	Hor. HS+		170	4.5	
	7" Rd. Ver. HS+		220	4.5	
QT242AA	Ver. HS+		200	4.5	
	Hor. HS+		170	4.5	
	7" Rd. Ver. HS+		220	4.5	
QT242BC	Ver. HS+		200	4.5	
	Hor. HS+		170	4.5	
	7" Rd. Ver. HS+		220	4.5	
QT242BL	Ver. HS+		200	4.5	
	Hor. HS+		170	4.5	
	7" Rd. Ver. HS+		220	4.5	
QT242SS	Ver. HS+		200	4.5	
	Hor. HS+		170	4.5	
	7" Rd. Ver. HS+		220	4.5	
QT242WW	Ver. HS+		200	4.5	
	Hor. HS+		170	4.5	
	7" Rd. Ver. HS+		220	4.55	
RM325H	Ver. HS+		600	6.0	
RM326H	Ver. HS+		1200	12.0	
RM503001	Ver. HS+		270	6.5	
RM503004	Ver. HS+		270	6.5	
RM503023	Ver. HS+		270	6.5	
RM503601	Ver. HS+		270	6.5	
RM503604	Ver. HS+		270	6.5	
RM503623	Ver. HS+		270	6.5	
RM519004	Ver. HS+		370	7.0	
RM523004	Ver. HS+		370	7.0	
RM524204	Ver. HS+		370	7.0	
RM523604	Ver. HS+		370	7.0	
RM533004	Ver. HS+		370	7.0	
RM533604	Ver. HS+		370	7.0	
RM534204	Ver. HS+		370	7.0	
RM659004	Ver. HS+		450	9.0	
RME5030SS	Ver. HS+		290	5.5	295
	Ver. WS+	@ 0.013" SP	130	0.5	46.0
RP130BL	Ver. HS+		440	7.0	
	Ver. LS+		120	0.5	
	Hor. HS+		440	7.0	
	Hor. LS+		130	0.5	

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Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

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CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
RP130SS	Ver. HS+		440	7.0	
	Ver. LS+		120	0.5	
	Hor. HS+		440	7.0	
	Hor. LS+		130	0.5	
RP130WW	Ver. HS+		440	7.0	
	Ver. LS+		120	0.5	
	Hor. HS+		440	7.0	
	Hor. LS+		130	0.5	
RP136BL	Ver. HS+		440	7.0	
	Ver. LS+		120	0.5	
	Hor. HS+		440	7.0	
	Hor. LS+		130	0.5	
RP136SS	Ver. HS+		440	7.0	
	Ver. LS+		120	0.5	
	Hor. HS+		440	7.0	
	Hor. LS+		130	0.5	
RP136WW	Ver. HS+		440	7.0	
	Ver. LS+		120	0.5	
	Hor. HS+		440	7.0	
	Hor. LS+		130	0.5	
RP230BL	Ver. HS+		440	7.0	
	Ver. LS+		120	0.5	
	Hor. HS+		440	7.0	
	Hor. LS+		130	0.5	
RP230SS	Ver. HS+		440	7.0	
	Ver. LS+		120	0.5	
	Hor. HS+		440	7.0	
	Hor. LS+		130	0.5	
RP230WW	Ver. HS+		440	7.0	
	Ver. LS+		120	0.5	
	Hor. HS+		440	7.0	
	Hor. LS+		130	0.5	
RP236BL	Ver. HS+		440	7.0	
	Ver. LS+		120	0.5	
	Hor. HS+		440	7.0	
	Hor. LS+		130	0.5	
RP236SS	Ver. HS+		440	7.0	
	Ver. LS+		120	0.5	
	Hor. HS+		440	7.0	
	Hor. LS+		130	0.5	
RP236WW	Ver. HS+		440	7.0	
	Ver. LS+		120	0.5	
	Hor. HS+		440	7.0	
	Hor. LS+		130	0.5	
Other Rooms – Exhaust Fans (all models)					
510			380	6.5	
511			180	4.5	
512			90	3.5	
512M			70	3.5	
L512M			70	3.5	

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
Powered Attic Ventilators					
349BR			1000		
353 w/ HVI Louver		@ 0.03" SP	760		
353 w/ 433 Shutter		@ 0.03" SP	1020		
355BK			1200		
355BR			1200		
356BK			1600		
356BR			1600		
358			1200		
35316 w/ HVI Louver			1160		
35316 w/ 433 Shutter			1600		
Remote Exterior Mounted Ventilators					
331H		@ 0.03" SP	640		
		@ 0.10" SP	600		
332H		@ 0.03" SP	940		
		@ 0.10" SP	900		
335		@ 0.03" SP	1230		
		@ 0.10" SP	1200		
336		@ 0.03" SP	1530		
		@ 0.10" SP	1500		

BROAN –NUTONE LLC

Broan (Canada)

Bathroom – Exhaust Fans (all models)				
162	70	3.5		
164	70	3.5		
683C	80	2.5		
741SNC	70	3.5		
741WHC	70	3.5		
744C	70	2.0	34.4	
@ 0.25" SP	55		32.3	
754RBC	70	3.5		
754SNC	70	3.5		
757SNC	80	2.5		
DX50FL	50	2.5		
DX50L	50	2.5		
DX70FL	70	3.5		
DX70L	70	3.5		
DX90	90	2.5		
DX110	110	4.0		
EC50	50	3.0		
EC60KIT	60	3.0		
EC70	70	5.5		
FQTR050C	50	0.4		
FQTRE050C	50	0.4		
HD50C	50	1.5	27.1	
@ 0.25 " SP	38			
HD50C=DXH with FHD50C	50	1.5	27.1	
@ 0.25 " SP	38			
HD80C	80	2.5		

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Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

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CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
QTR070C			70	1.0	
QTR070LC			70	1.0	
QTR090C		@ 0.10" SP	90	1.0	26.8
		@ 0.25" SP	68		
QTR090LC		@ 0.10" SP	90	1.0	29.7
		@ 0.25" SP	68		26.4
QTR110C		@ 0.10" SP	110	1.5	70.5
		@ 0.25" SP	99		69.2
QTR110LC			110	1.5	70.5
		@ 0.25" SP	99		69.2
QTR140C	6" duct		140	2.0	
	4" duct		130	2.5	
QTRE050RF			50	0.4	
QTRE070C			70	0.8	28.4
		@ 0.25 " SP	48		
QTRE070C=HQTXR000C with FQTRE070C			70	0.8	28.4
		@ 0.25 " SP	48		
QTRE075C			80	0.8	28.4
		@ 0.25 " SP	55		
QTRE080C			80	0.8	28.4
		@ 0.25 " SP	55		
QTRE080C=HQTXR000C with FQTRE080C			80	0.8	28.4
		@ 0.25 " SP	55		
QTRE080C2S	HS+		80	0.8	24.8
	HS+	@ 0.25" SP	56		
	LS+		40	<0.3	12.9
QTRE080H			80	1.0	28.4
		@ 0.25" SP	55		28.1
QTRE080RF			80	0.8	28.4
		@ 0.25" SP	55		
QTRE090C			90	1.0	26.8
		@ 0.25" SP	68		
QTRE090C=HQTXR000C with FQTRE090C			90	1.0	26.8
		@ 0.25" SP	68		
QTRE090FLC			90	1.0	26.8
		@ 0.25" SP	68		
QTRE090MG			90	1.0	29.7
		@ 0.25" SP	68		26.4
QTRE090RC			90	1.0	29.7
		@ 0.25" SP	68		26.4
QTRE100H			100	1.5	36.3
		@ 0.25 " SP	81		
QTRE110C			110	1.3	36.3
		@ 0.25" SP	90		
QTRE110C=HQTXR000C with FQTRE110C			110	1.3	36.3
		@ 0.25" SP	90		
QTRE110FLC			110	1.3	36.3
		@ 0.25" SP	90		
QTRE110MG			110	1.3	70.5
		@ 0.25" SP	99		69.2
QTRE110RF			110	1.3	36.3
		@ 0.25" SP	90		36.2
QTRE2080WC	HS+		80	0.8	24.8
	HS+	@ 0.25" SP	56		
	LS+		40	<0.3	12.9
QTXE050C			50	<0.3	19.6
		@ 0.25" SP	31		
QTXE080C			80	0.3	23.3
		@ 0.25" SP	55		
QTXE090C			90	0.6	26.4
		@ 0.25" SP	68		
QTXE090C=HQTXE with FQTXE090C			90	0.6	26.4
		@ 0.25" SP	68		
QTXE110C			110	0.7	33.5
		@ 0.25" SP	90		
QTXE110H			110	0.7	33.5
		@ 0.25" SP	90		
QTXE150C			150	1.4	51.3
		@ 0.25" SP	118		
XB50C	6" Duct		50	<0.3	4.9
		@ 0.25" SP	49		
	4" Duct		50	<0.3	5.1
		@ 0.25" SP	50		
XB90C	6" Rd. Duct		90	<0.3	6.6
		@ 0.25" SP	90		
	4" Duct		90	0.5	9.5
		@ 0.25" SP	89		
XB90LC	6" Rd. Duct		90	<0.3	6.5
		@ 0.25" SP	90		
	4" Duct		70	<0.3	7.1
		@ 0.25" SP	73		
XB110C	6" Rd. Duct		110	<0.3	7.7
		@ 0.25" SP	110		
XB110LC	6" Rd. Duct		110	<0.3	8.7
		@ 0.25" SP	110		

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Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

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CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC PRESSURE*	CFM**	SONES	WATTS
ZB90C	6" Rd. Duct				
	Airflow rate setting 90		90	<0.3	6.6
		@ 0.25" SP	90		
	Airflow rate setting 80		80	<0.3	5.8
		@ 0.25" SP	79		
	Airflow rate setting 70		70	<0.3	5.1
		@ 0.25" SP	71		
	Airflow rate setting 60		60	<0.3	4.4
		@ 0.25" SP	61		
	Airflow rate setting 50		50	<0.3	4.0
		@ 0.25" SP	49		
	Airflow rate setting 40		40	<0.3	3.7
		@ 0.25" SP	36		
	Airflow rate setting 30		30	<0.3	3.4
		@ 0.25" SP	23		
ZB90C	4" Duct				
	Airflow rate setting 90		90	0.5	9.5
		@ 0.25" SP	89		
	Airflow rate setting 80		80	0.3	7.6
		@ 0.25" SP	80		
	Airflow rate setting 70		70	<0.3	6.5
		@ 0.25' SP	70		
	Airflow rate setting 60		60	<0.3	5.5
		@ 0.25" SP	60		
	Airflow rate setting 50		50	<0.3	5.1
		@ 0.25" SP	47		
	Airflow rate setting 40		40	<0.3	4.3
		@ 0.25" SP	34		
	Airflow rate setting 30		30	<0.3	3.9
		@ 0.25" SP	22		
ZB90LC	6" Rd. Duct				
	Airflow rate setting 90		90	<0.3	6.5
		@ 0.25" SP	90		
	Airflow rate setting 80		80	<0.3	6.0
		@ 0.25" SP	80		
	Airflow rate setting 70		70	<0.3	5.2
		@ 0.25" SP	70		
	Airflow rate setting 60		60	<0.3	4.6
		@ 0.25" SP	60		
	Airflow rate setting 50		50	<0.3	4.1
		@ 0.25" SP	50		
	Airflow rate setting 40		40	<0.3	3.6
		@ 0.25" SP	40		
	Airflow rate setting 30		30	<0.3	3.3
		@ 0.25" SP	30		
ZB90LC	4" Duct				
	Airflow rate setting 70		70	<0.3	7.1
		@ 0.25' SP	73		
	Airflow rate setting 60		60	<0.3	6.4
		@ 0.25" SP	63		
	Airflow rate setting 50		50	<0.3	5.6
		@ 0.25" SP	54		
	Airflow rate setting 40		40	<0.3	4.9
		@ 0.25"SP	43		
	Airflow rate setting 30		30	<0.3	4.4
		@ 0.25" SP	30		

MODEL OR SERIES	DETAILS	STATIC PRESSURE*	CFM**	SONES	WATTS
ZB110C	Airflow rate setting 110		110	<0.3	7.7
		@ 0.25" SP	110		
	Airflow rate setting 100		100	<0.3	7.0
		@ 0.25" SP	100		
	Airflow rate setting 90		90	<0.3	6.4
		@ 0.25" SP	90		
	Airflow rate setting 80		80	<0.3	5.8
		@ 0.25" SP	80		
	Airflow rate setting 70		70	<0.3	5.1
		@ 0.25" SP	70		
	Airflow rate setting 60		60	<0.3	4.6
		@ 0.25" SP	60		
	Airflow rate setting 50		50	<0.3	4.1
		@ 0.25" SP	50		
	Airflow rate setting 40		40	<0.3	3.7
		@ 0.25" SP	40		
	Airflow rate setting 30		30	<0.3	3.3
		@ 0.25" SP	30		
ZB110LC	Airflow rate setting 110		110	<0.3	8.7
		@ 0.25" SP	110		
	Airflow rate setting 100		100	<0.3	7.3
		@ 0.25" SP	100		
	Airflow rate setting 90		90	<0.3	6.5
		@ 0.25" SP	90		
	Airflow rate setting 80		80	<0.3	6.0
		@ 0.25" SP	80		
	Airflow rate setting 70		70	<0.3	5.2
		@ 0.25" SP	70		
	Airflow rate setting 60		60	<0.3	4.6
		@ 0.25" SP	60		
	Airflow rate setting 50		50	<0.3	4.1
		@ 0.25" SP	50		
	Airflow rate setting 40		40	<0.3	3.6
		@ 0.25" SP	40		
	Airflow rate setting 30		30	<0.3	3.3
		@ 0.25" SP	30		
Downdraft Kitchen Exhausters					
273003			500		
273603			500		
RMDD3004			500		
RMDD3604			500		
Kitchen - Exhaust Fans					
502			270	8.0	
503			160	5.0	
504			350	6.5	
505			180	6.5	
508			270	6.0	
509			180	6.5	
Kitchen Range Hoods – Ducted & Convertible					
153001	Ver. HS+		300	4.5	
153004	Ver. HS+		300	4.5	
153023	Ver. HS+		300	4.5	
613004	Ver. HS+		450	9.0	
619004	Ver. HS+		450	9.0	
637004	Ver. HS+		900	9.5	
APE130SS	Hor. HS+		440	7.0	160
	Hor. WS+	@ 0.023" SP	200	0.7	70.1
	Ver. HS+		440	7.0	162
	Ver. WS+	@ 0.020" SP	200	0.9	70.2

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

NOTE: CHANGES IN RED INDICATE RECENT REVISIONS TO THE HVI CERTIFIED HOME VENTILATING PRODUCTS DIRECTORY.

CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
BC2130SS	Ver. HS+		290	9.0	
	Ver. WS+		130	1.5	
BC4130SS	Ver. HS+		500	10.0	
	Ver. WS+		130	<0.3	
BDF30SS	Ver. HS+		500	9.0	
	Ver. LS+		320	4.5	
BDF30WH	Ver. HS+		500	9.0	
	Ver. LS+		320	4.5	
BDF302SS	Ver. HS+		500	9.0	
	Ver. LS+		320	4.5	
BDF302WH	Ver. HS+		500	9.0	
	Ver. LS+		320	4.5	
BP124ALN	Ver. HS+		180	7.5	
	Hor. HS+		180	7.0	
	7" Rd. Ver. HS+		210	7.0	
BP124BLN	Ver. HS+		180	7.5	
	Hor. HS+		180	7.0	
	7" Rd. Ver. HS+		210	7.0	
BP124SSN	Ver. HS+		180	7.5	
	Hor. HS+		180	7.0	
	7" Rd. Ver. HS+		210	7.0	
BP124WHN	Ver. HS+		180	7.5	
	Hor. HS+		180	7.0	
	7" Rd. Ver. HS+		210	7.0	
BP130ALN	Ver. HS+		180	7.5	
	Hor. HS+		180	7.0	
	7" Rd. Ver. HS+		210	7.0	
BP130BLN	Ver. HS+		180	7.5	
	Hor. HS+		180	7.0	
	7" Rd. Ver. HS+		210	7.0	
BP130SSN	Ver. HS+		180	7.5	
	Hor. HS+		180	7.0	
	7" Rd. Ver. HS+		210	7.0	
BP130WHN	Ver. HS+		180	7.5	
	Hor. HS+		180	7.0	
	7" Rd. Ver. HS+		210	7.0	
BP130WWN	Ver. HS+		180	7.5	
	Hor. HS+		180	7.0	
	7" Rd. Ver. HS+		210	7.0	
CM130WWN	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
E1224SS	Ver. HS+		510	8.5	
	Ver. WS+	@ 0.003" SP	350	4.5	
E1230SS	Ver. HS+		510	8.5	
	Ver. WS+	@ 0.003" SP	350	4.5	
E5030SS	Ver. HS+		510	9.0	
	Ver. LS+		340	5.0	
E5036SS	Ver. HS+		510	9.0	
	Ver. LS+		340	5.0	
E6030SS	Ver. HS+		600	13.0	
	Ver. LS+		150	1.5	
	Hor. HS+		600	13.5	
	Hor. LS+		150	1.5	
E6030SSC	Ver. HS+		600	13.0	
	Ver. WS+		150	1.5	
	Hor. HS+		600	13.5	
	Hor. WS+		150	1.5	
E6036SS	Ver. HS+		600	13.0	
	Ver. LS+		150	1.5	
	Hor. HS+		600	13.5	
	Hor. LS+		150	1.5	
E6036SSC	Ver. HS+		600	13.0	
	Ver. WS+		150	1.5	
	Hor. HS+		600	13.5	
	Hor. WS+		150	1.5	
E6036TSS	Ver. HS+		1200	14.5	
	Ver. WS+		350	2.0	
	Hor. HS+		1200	14.0	
	Hor. WS+		350	2.0	
E6036TSSC	Ver. HS+		1200	14.5	
	Ver. WS+		350	2.0	
	Hor. HS+		1200	14.0	
	Hor. WS+		350	2.0	
E6042SS	Ver. HS+		600	13.0	
	Ver. LS+		150	1.5	
	Hor. HS+		600	13.5	
	Hor. LS+		150	1.5	
E6042TSS	Ver. HS+		1200	14.5	
	Ver. WS+		350	2.0	
	Hor. HS+		1200	14.0	
	Hor. WS+		350	2.0	
E6042TSSC	Ver. HS+		1200	14.5	
	Ver. WS+		350	2.0	
	Hor. HS+		1200	14.0	
	Hor. WS+		350	2.0	
E6048SS	Ver. HS+		600	13.0	
	Ver. LS+		150	1.5	
	Hor. HS+		600	13.5	
	Hor. LS+		150	1.5	
E6048TSS	Ver. HS+		1200	14.5	
	Ver. WS+		350	2.0	
	Hor. HS+		1200	14.0	
	Hor. WS+		350	2.0	
E6048TSSC	Ver. HS+		1200	14.5	
	Ver. WS+		350	2.0	
	Hor. HS+		1200	14.0	
	Hor. WS+		350	2.0	
E6430SS	Ver. HS+		600	13.0	
	Ver. LS+		150	1.5	
	Hor. HS+		600	13.0	
	Hor. LS+		150	1.5	

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

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CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
E6430SSC	Ver. HS+		600	13.0	
	Ver. WS+		150	1.5	
	Hor. HS+		600	13.0	
	Hor. WS+		150	1.5	
E6436SS	Ver. HS+		600	13.0	
	Ver. LS+		150	1.5	
	Hor. HS+		600	13.0	
	Hor. LS+		150	1.5	
E6436SSC	Ver. HS+		600	13.0	
	Ver. WS+		150	1.5	
	Hor. HS+		600	13.0	
	Hor. WS+		150	1.5	
E6436TSS	Ver. HS+		1100	14.5	
	Ver. LS+		300	2.0	
	Hor. HS+		1100	14.0	
	Hor. LS+		300	2.0	
E6436TSSC	Ver. HS+		1100	14.5	
	Ver. WS+		300	2.0	
	Hor. HS+		1100	14.0	
	Hor. WS+		300	2.0	
E6442SS	Ver. HS+		600	13.0	
	Ver. LS+		150	1.5	
	Hor. HS+		600	13.0	
	Hor. LS+		150	1.5	
E6442SSC	Ver. HS+		600	13.0	
	Ver. WS+		150	1.5	
	Hor. HS+		600	13.0	
	Hor. WS+		150	1.5	
E6442TSS	Ver. HS+		1100	14.5	
	Ver. LS+		300	2.0	
	Hor. HS+		1100	14.0	
	Hor. LS+		300	2.0	
E6442TSSC	Ver. HS+		1100	14.5	
	Ver. WS+		300	2.0	
	Hor. HS+		1100	14.0	
	Hor. WS+		300	2.0	
E6448SS	Ver. HS+		600	13.0	
	Ver. LS+		150	1.5	
	Hor. HS+		600	13.0	
	Hor. LS+		150	1.5	
E6448SSC	Ver. HS+		600	13.0	
	Ver. WS+		150	1.5	
	Hor. HS+		600	13.0	
	Hor. WS+		150	1.5	
E6448TSS	Ver. HS+		1200	14.5	
	Ver. LS+		350	2.0	
	Hor. HS+		1200	14.0	
	Hor. LS+		350	2.0	
E6448TSSC	Ver. HS+		1100	14.5	
	Ver. WS+		300	2.0	
	Hor. HS+		1100	14.0	
	Hor. WS+		300	2.0	
E66130SSAGLS	Ver. HS+		270	9.0	
	Ver. WS+		110	0.9	
	Hor. HS+		280	8.5	
	Hor. WS+		110	1.1	
E66130WHAGLS	Ver. HS+		270	9.0	
	Ver. WS+		110	0.9	
	Hor. HS+		280	8.5	
	Hor. WS+		110	1.1	
EC621306SS	Ver. HS+		600	8.5	
	Ver. WS+		210	1.1	
EC622301SS	Ver. HS+		1000	12.0	
	Ver. WS+		370	1.5	
EC622309SS	Ver. HS+		900	14.5	
	Ver. WS+		470	4.5	
ESB1030BL	Ver. HS+		250	6.0	
	Ver. WS+		120	1.1	36.2
	Hor. HS+		290	5.5	
	Hor. WS+		130	0.8	36.2
ESB1030SS	Ver. HS+		250	6.0	
	Ver. WS+		120	1.1	36.2
	Hor. HS+		290	5.5	
	Hor. WS+		130	0.8	36.2
ESB1030SSD	Ver. HS+		250	6.0	
	Ver. WS+		120	1.1	36.2
	Hor. HS+		290	5.5	
	Hor. WS+		130	0.8	36.2
ESB1030WH	Ver. HS+		250	6.0	
	Ver. WS+		120	1.1	36.2
	Hor. HS+		290	5.5	
	Hor. WS+		130	0.8	36.2
ESB1030WHD	Ver. HS+		250	6.0	
	Ver. WS+		120	1.1	36.2
	Hor. HS+		290	5.5	
	Hor. WS+		130	0.8	36.2
GP124ALN	Ver. HS+		190	7.0	
	Hor. HS+		190	8.0	
	7"Rd. Ver. HS+		220	7.0	
GP124SSN	Ver. HS+		190	7.0	
	Hor. HS+		190	8.0	
	7"Rd. Ver. HS+		220	7.0	
GP124WHN	Ver. HS+		190	7.0	
	Hor. HS+		190	8.0	
	7"Rd. Ver. HS+		220	7.0	
GP124WWN	Ver. HS+		190	7.0	
	Hor. HS+		190	8.0	
	7"Rd. Ver. HS+		220	7.0	
GP130SSN	Ver. HS+		190	7.0	
	Hor. HS+		190	8.0	
	7"Rd. Ver. HS+		220	7.0	
GP130WHN	Ver. HS+		190	7.0	
	Hor. HS+		190	8.0	
	7"Rd. Ver. HS+		220	7.0	

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

NOTE: CHANGES IN RED INDICATE RECENT REVISIONS TO THE HVI CERTIFIED HOME VENTILATING PRODUCTS DIRECTORY.

CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
GP130WWN	Ver. HS+		190	7.0	
	Hor. HS+		190	8.0	
	7"Rd. Ver. HS+		220	7.0	
P5	Ver. HS+		460	10.5	
	Hor. HS+		500	10.0	
P8	Ver. HS+		850	10.5	
	Hor. HS+		900	10.0	
QP130BLC	Ver. HS+		290	5.0	
	Ver. LS+		120	0.8	
	Hor. HS+		300	5.0	
	Hor. LS+		120	0.8	
	7"Rd. Ver. HS+		250	5.0	
	7"Rd. Ver. LS+		120	0.8	
QP130SSC	Ver. HS+		290	5.0	
	Ver. LS+		120	0.8	
	Hor. HS+		300	5.0	
	Hor. LS+		120	0.8	
	7"Rd. Ver. HS+		250	5.0	
	7"Rd. Ver. LS+		120	0.8	
QP130WWC	Ver. HS+		290	5.0	
	Ver. LS+		120	0.8	
	Hor. HS+		300	5.0	
	Hor. LS+		120	0.8	
	7"Rd. Ver. HS+		250	5.0	
	7"Rd. Ver. LS+		120	0.8	
QS130AAN	Ver. HS+		210	5.5	
	Ver. LS+		110	1.5	
	Hor. HS+		220	5.0	
	Hor. LS+		110	1.5	
	7" Rd. Ver. HS+		230	5.0	
	7" Rd. Ver. LS+		120	1.5	
QS130BLN	Ver. HS+		210	5.5	
	Ver. LS+		110	1.5	
	Hor. HS+		220	5.0	
	Hor. LS+		110	1.5	
	7" Rd. Ver. HS+		230	5.0	
	7" Rd. Ver. LS+		120	1.5	
QS130SSN	Ver. HS+		210	5.5	
	Ver. LS+		110	1.5	
	Hor. HS+		220	5.0	
	Hor. LS+		110	1.5	
	7" Rd. Ver. HS+		230	5.0	
	7" Rd. Ver. LS+		120	1.5	
QS130WWN	Ver. HS+		210	5.5	
	Ver. LS+		110	1.5	
	Hor. HS+		220	5.0	
	Hor. LS+		110	1.5	
	7" Rd. Ver. HS+		230	5.0	
	7" Rd. Ver. LS+		120	1.5	
QS230BLN	Ver. HS+		280	5.5	
	Ver. LS+		110	1.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.9	
	7" Rd. Ver. HS+		280	5.0	
	7" Rd. Ver. LS+		110	0.8	
QS230SSN	Ver. HS+		280	5.5	
	Ver. LS+		110	1.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.9	
	7" Rd. Ver. HS+		280	5.0	
	7" Rd. Ver. LS+		110	0.8	
QS230WWN	Ver. HS+		280	5.5	
	Ver. LS+		110	1.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.9	
	7" Rd. Ver. HS+		280	5.0	
	7" Rd. Ver. LS+		110	0.8	
QS330BLN	Ver. BS+		380	8.5	
	Ver. HS+		280	5.5	
	Ver. LS+		110	0.3	
	Hor. BS+		430	8.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.4	
	7" Rd. Ver. BS+		350	8.0	
	7" Rd. Ver. HS+		270	5.5	
	7" Rd. Ver. LS+		100	0.5	
QS330SSN	Ver. BS+		380	8.5	
	Ver. HS+		280	5.5	
	Ver. LS+		110	0.3	
	Hor. BS+		430	8.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.4	
	7" Rd. Ver. BS+		350	8.0	
	7" Rd. Ver. HS+		270	5.5	
	7" Rd. Ver. LS+		100	0.5	
QS330WWN	Ver. BS+		380	8.5	
	Ver. HS+		280	5.5	
	Ver. LS+		110	0.3	
	Hor. BS+		430	8.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.4	
	7" Rd. Ver. BS+		350	8.0	
	7" Rd. Ver. HS+		270	5.5	
	7" Rd. Ver. LS+		100	0.5	
QS3336SSN	Ver. BS+		380	8.5	
	Ver. HS+		280	5.5	
	Ver. LS+		110	0.3	
	Hor. BS+		430	8.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.4	
	7" Rd. Ver. BS+		350	8.0	
	7" Rd. Ver. HS+		270	5.5	
	7" Rd. Ver. LS+		100	0.5	
QS3336WWN	Ver. BS+		380	8.5	
	Ver. HS+		280	5.5	
	Ver. LS+		110	0.3	
	Hor. BS+		430	8.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.4	
	7" Rd. Ver. BS+		350	8.0	
	7" Rd. Ver. HS+		270	5.5	
	7" Rd. Ver. LS+		100	0.5	

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

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CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
QSE130BL	Hor. HS+		210	5.0	89.7
	Hor. WS+	@ 0.027" SP	110	1.5	38.6
	Ver. HS+		210	5.5	89.3
	Ver. WS+	@ 0.046" SP	130	2.0	38.0
	7" Rd. HS+		220	5.5	88.4
	7" Rd. WS+	@ 0.042" SP	140	2.0	37.9
QSE130SS	Hor. HS+		210	5.0	89.7
	Hor. WS+	@ 0.027" SP	110	1.5	38.6
	Ver. HS+		210	5.5	89.3
	Ver. WS+	@ 0.046" SP	130	2.0	38.0
	7" Rd. HS+		220	5.5	88.4
	7" Rd. WS+	@ 0.042" SP	140	2.0	37.9
QSE130WW	Hor. HS+		210	5.0	89.7
	Hor. WS+	@ 0.027" SP	110	1.5	38.6
	Ver. HS+		210	5.5	89.3
	Ver. WS+	@ 0.046" SP	130	2.0	38.0
	7" Rd. HS+		220	5.5	88.4
	7" Rd. WS+	@ 0.042" SP	140	2.0	37.9
QT230AAN	Ver. HS+		210	5.0	
	Hor. HS+		180	6.0	
	7" Rd. Ver. HS+		210	5.5	
QT230BCN	Ver. HS+		210	5.0	
	Hor. HS+		180	6.0	
	7" Rd. Ver. HS+		210	5.5	
QT230BLN	Ver. HS+		210	5.0	
	Hor. HS+		180	6.0	
	7" Rd. Ver. HS+		210	5.5	
QT230SSN	Ver. HS+		210	5.0	
	Hor. HS+		180	6.0	
	7" Rd. Ver. HS+		210	5.5	
QT230WWN	Ver. HS+		210	5.0	
	Hor. HS+		180	6.0	
	7" Rd. Ver. HS+		210	5.5	
QT236BLN	Ver. HS+		210	5.0	
	Hor. HS+		180	6.0	
	7" Rd. Ver. HS+		210	5.5	
QT236SSN	Ver. HS+		210	5.0	
	Hor. HS+		180	6.0	
	7" Rd. Ver. HS+		210	5.5	
QT236WWN	Ver. HS+		210	5.0	
	Hor. HS+		180	6.0	
	7" Rd. Ver. HS+		210	5.5	
RM503004	Ver. HS+		270	6.5	
RM503604	Ver. HS+		270	6.5	
RM523004	Ver. HS+		370	7.0	
RM523604	Ver. HS+		370	7.0	
RM533004	Ver. HS+		370	7.0	
RM533604	Ver. HS+		370	7.0	
RM659004	Ver HS+		450	9.0	
ROB1530BL	Ver. HS+		240	6.5	
	Ver. LS+		100	0.9	
	Hor. HS+		280	5.5	
	Hor. LS+		100	0.8	

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
ROB1530SS	Ver. HS+		240	6.5	
	Ver. LS+		100	0.9	
	Hor. HS+		280	5.5	
	Hor. LS+		100	0.8	
ROB1530WH	Ver. HS+		240	6.5	
	Ver. LS+		100	0.9	
	Hor. HS+		280	5.5	
	Hor. LS+		100	0.8	
ROB1530WHD	Ver. HS+		240	6.5	
	Ver. LS+		100	0.9	
	Hor. HS+		280	5.5	
	Hor. LS+		100	0.8	
ROB3530BL	Ver. HS+		310	8.5	
	Ver. LS+		100	0.7	
	Hor. HS+		390	8.0	
	Hor. LS+		100	0.7	
ROB3530BLD	Ver. HS+		310	8.5	
	Ver. LS+		100	0.7	
	Hor. HS+		390	8.0	
	Hor. LS+		100	0.7	
ROB3530SS	Ver. HS+		310	8.5	
	Ver. LS+		100	0.7	
	Hor. HS+		390	8.0	
	Hor. LS+		100	0.7	
ROB3530SSD	Ver. HS+		310	8.5	
	Ver. LS+		100	0.7	
	Hor. HS+		390	8.0	
	Hor. LS+		100	0.7	
ROB3530WH	Ver. HS+		310	8.5	
	Ver. LS+		100	0.7	
	Hor. HS+		390	8.0	
	Hor. LS+		100	0.7	
ROB3530WHD	Ver. HS+		310	8.5	
	Ver. LS+		100	0.7	
	Hor. HS+		390	8.0	
	Hor. LS+		100	0.7	
Other Rooms – Exhaust Fans (all models)					
510			380	6.5	
511			180	4.5	
512			90	3.5	
Remote Exterior Mounted Ventilators					
331H		@ 0.03" SP	640		
		@ 0.10" SP	600		
332H		@ 0.03" SP	940		
		@ 0.10" SP	900		
335		@ 0.03" SP	1230		
		@ 0.10" SP	1200		
336		@ 0.03" SP	1530		
		@ 0.10" SP	1500		

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

NOTE: CHANGES IN RED INDICATE RECENT REVISIONS TO THE HVI CERTIFIED HOME VENTILATING PRODUCTS DIRECTORY.

CERTIFIED VENTILATING FAN PRODUCTS

BROAN –NUTONE LLC

Broan-NuTone

Integrated Supply & Exhaust Ventilators

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
HF 3.1	Gross Airflow-Recirculation	@ 0.20" SP	277		237.0
	Net Ventilation Airflow	@ 0.20" SP	110		237.0
	Gross Airflow-Recirculation	@ 0.40" SP	252		229.0
	Net Ventilation Airflow	@ 0.40" SP	103		229.0

BROAN –NUTONE LLC

GuardianPlus Air Systems

Integrated Supply & Exhaust Ventilators

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
GSEH3K	Gross Airflow-Recirculation	@ 0.20" SP	270		227.0
	Net Ventilation Airflow	@ 0.20" SP	122		227.0
	Gross Airflow-Recirculation	@ 0.40" SP	254		224.0
	Net Ventilation Airflow	@ 0.40" SP	113		224.0
GSHH3K	Gross Airflow-Recirculation	@ 0.20" SP	277		237.0
	Net Ventilation Airflow	@ 0.20" SP	110		237.0
	Gross Airflow-Recirculation	@ 0.40" SP	252		229.0
	Net Ventilation Airflow	@ 0.40" SP	103		229.0
GSVH1K	Gross Airflow-Recirculation	@ 0.20" SP	279		231.0
	Net Ventilation Airflow	@ 0.20" SP	110		231.0
	Gross Airflow-Recirculation	@ 0.40" SP	257		224.0
	Net Ventilation Airflow	@ 0.40" SP	104		224.0

BROAN –NUTONE LLC

Kenmore (Canada)

Kitchen Range Hoods – Ducted & Convertible

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
31001	Hor. HS+		180		6.0
	Ver. HS+		210		5.0
	7" Rd. HS+		210		5.5
31020	Hor. HS+		180		7.0
	Ver. HS+		180		7.5
	7" Rd. HS+		210		7.0
31022	Hor. HS+		180		7.0
	Ver. HS+		180		7.5
	7" Rd. HS+		210		7.0
31090	Hor. HS+		180		6.0
	Ver. HS+		210		5.0
	7" Rd. HS+		210		5.5
31093	Hor. HS+		180		6.0
	Ver. HS+		210		5.0
	7" Rd. HS+		210		5.5
31098	Hor. HS+		180		6.0
	Ver. HS+		210		5.0
	7" Rd. HS+		210		5.5
31099	Hor. HS+		180		6.0
	Ver. HS+		210		5.0
	7" Rd. HS+		210		5.5
31100	Hor. BS+		430		8.0
	Hor. HS+		300		4.5
	Ver. BS+		380		8.5
	Ver. HS+		280		5.5
	7" Rd. BS+		350		8.0
	7" Rd. HS+		270		5.5
31102	Hor. BS+		430		8.0
	Hor. HS+		300		4.5
	Ver. BS+		380		8.5
	Ver. HS+		280		5.5
	7" Rd. BS+		350		8.0
	7" Rd. HS+		270		5.5
31104	Hor. BS+		430		8.0
	Hor. HS+		300		4.5
	Ver. BS+		380		8.5
	Ver. HS+		280		5.5
	7" Rd. BS+		350		8.0
	7" Rd. HS+		270		5.5
31105	Hor. BS+		430		8.0
	Hor. HS+		300		4.5
	Ver. BS+		380		8.5
	Ver. HS+		280		5.5
	7" Rd. BS+		350		8.0
	7" Rd. HS+		270		5.5
31106	Hor. BS+		430		8.0
	Hor. HS+		300		4.5
	Ver. BS+		380		8.5
	Ver. HS+		280		5.5
	7" Rd. BS+		350		8.0
	7" Rd. HS+		270		5.5
31112	Hor. BS+		430		8.0
	Hor. HS+		300		4.5
	Ver. BS+		380		8.5
	Ver. HS+		280		5.5
	7" Rd. BS+		350		8.0
	7" Rd. HS+		270		5.5
31114	Hor. BS+		430		8.0
	Hor. HS+		300		4.5
	Ver. BS+		380		8.5
	Ver. HS+		280		5.5
	7" Rd. BS+		350		8.0
	7" Rd. HS+		270		5.5
31193	Hor. HS+		180		6.0
	Ver. HS+		210		5.0
	7" Rd. HS+		210		5.5

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Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

NOTE: CHANGES IN RED INDICATE RECENT REVISIONS TO THE HVI CERTIFIED HOME VENTILATING PRODUCTS DIRECTORY.

CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
31600	Hor. HS+		220	5.0	
	Ver. HS+		210	5.5	
	7" Rd. HS+		230	5.0	
31602	Hor. HS+		220	5.0	
	Ver. HS+		210	5.5	
	7" Rd. HS+		230	5.0	
31604	Hor. HS+		220	5.0	
	Ver. HS+		210	5.5	
	7" Rd. HS+		230	5.0	
31605	Hor. HS+		220	5.0	
	Ver. HS+		210	5.5	
	7" Rd. HS+		230	5.0	
31608	Hor. HS+		220	5.0	
	Ver. HS+		210	5.5	
	7" Rd. HS+		230	5.0	
31610	Hor. HS+		300	4.5	
	Ver. HS+		280	5.5	
	7" Rd. HS+		280	5.0	
31612	Hor. HS+		300	4.5	
	Ver. HS+		280	5.5	
	7" Rd. HS+		280	5.0	
31614	Hor. HS+		300	4.5	
	Ver. HS+		280	5.5	
	7" Rd. HS+		280	5.0	
31615	Hor. HS+		300	4.5	
	Ver. HS+		280	5.5	
	7" Rd. HS+		280	5.0	
31624	Hor. HS+		220	5.0	
	Ver. HS+		210	5.5	
	7" Rd. HS+		230	5.0	
31812	Hor. HS+		190	8.0	
	Ver. HS+		190	7.0	
	7" Rd. HS+		220	7.0	
31820	Hor. HS+		190	8.0	
	Ver. HS+		190	7.0	
	7" Rd. HS+		220	7.0	
31822	Hor. HS+		190	8.0	
	Ver. HS+		190	7.0	
	7" Rd. HS+		220	7.0	

BROAN – NUTONE LLC

NuTone

Bathroom – Exhaust Fans (all models)

50NT		50	1.5	17.8
	@ 0.25" SP	35		
80NT		80	2.0	26.1
	@ 0.25" SP	65		

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
605RP			70	4.0	
665RP			70	4.0	
668RP			70	4.0	
671R			90	3.0	72.8
		@ 0.25" SP	78		70.3
672R			110	4.0	
690NT			60	3.0	
695			70	6.0	
696N			50	4.0	
741SNNT			70	3.5	
741WHNT			70	3.5	
742RBNT			70	2.0	
744FLNT			70	1.5	34.4
		@ 0.25" SP	55		32.3
744NT			70	1.5	34.4
		@ 0.25" SP	55		32.3
745BNNT			70	2.0	
744SFLNT			70	1.5	34.4
		@ 0.25" SP	55		32.3
754RBNT			70	3.5	
754SNNT			70	3.5	
757SNNT			80	2.5	29.0
		@ 0.25" SP	67		27.8
761WHNT			100	3.5	
763RLN			50	2.5	42.1
		@ 0.25" SP	40		41.0
765HL			100	2.0	70.2
		@ 0.25" SP	85		66.0
765HFL			100	2.0	70.2
		@ 0.25" SP	85		66.0
768CHNT			80	2.5	29.0
		@ 0.25" SP	67		27.8
769RFT			70	3.0	57.3
		@ 0.25" SP	63		56.4
769RL			70	3.0	57.3
		@ 0.25" SP	63		56.4
772RBNT			80	2.0	24.9
		@ 0.25" SP	68		
773BNNT			80	2.0	24.9
		@ 0.25" SP	68		
778WHNT			80	2.0	24.9
		@ 0.25" SP	68		
781WHNT			100	1.5	36.4
		@ 0.25" SP	88		
788CHNT			100	1.5	36.4
		@ 0.25" SP	88		

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Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

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CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
8663RP			100	3.5	
8664RP			100	3.5	
8814R			110	4.0	
8832SA			80	2.5	60.8
		@ 0.25" SP	69		59.0
8832WH			80	2.5	60.8
		@ 0.25" SP	69		59.0
9093WH			70	3.5	
9417DN			70	3.5	
9427P			70	3.5	
9905			70	4.0	
9965			70	4.0	
HD50LNT			50	1.5	27.0
		@ 0.25" SP	38		25.1
HD50NT			50	1.5	27.1
		@ 0.25" SP	38		
HD50NT=RDA with HD50RDB			50	1.5	27.1
		@ 0.25" SP	38		
HD80LNT			80	2.5	49.0
		@ 0.25" SP	65		48.0
HD80NT			80	2.5	29.0
		@ 0.25" SP	67		27.8
LPN80	4" Duct		80	1.1	25.6
		@ 0.25" SP	60		
	3" Duct		70	1.3	25.7
		@ 0.25"SP	55		
QT9093WH			110	3.0	
QTN80E			80	0.8	28.4
		@ 0.25" SP	55		
QTN80L			80	0.8	59.3
		@ 0.25" SP	66		60.8
QTN110E			110	1.0	36.3
		@ 0.25" SP	90		
QTN110LE			110	1.0	36.3
		@ 0.25" SP	90		
QTN130E	4" Duct		130	2.0	48.3
	4" Duct	@ 0.25"SP	116		
	6" Duct		130	1.5	49.0
	6" Duct	@ 0.25" SP	114		
QTN130LE	4" Duct		130	2.0	48.3
	4" Duct	@ 0.25"SP	116		
	6" Duct		130	1.5	49.0
	6" Duct	@ 0.25" SP	114		
QTNLEDA	4" duct		90	0.9	34.5
	4" duct	@ 0.25" SP	72		
	6" duct		110	0.7	34.9
	6" duct	@ 0.25" SP	90		
QTNLEDB	4" duct		90	0.9	34.5
	4" duct	@ 0.25" SP	72		
	6" duct		110	0.7	34.9
	6" duct	@ 0.25" SP	90		
QTREN080			80	0.8	28.4
		@ 0.25" SP	55		
QTREN080 =QTXRN000HF with QTREN080F			80	0.8	28.4
		@ 0.25" SP	55		
QTREN080FLT			80	0.8	28.4
		@ 0.25" SP	55		
QTREN080FLT=QTXRN000HL with QTREN080FLFT			80	0.8	28.4
		@ 0.25" SP	55		
QTREN110			110	1.3	36.3
		@ 0.25" SP	90		
QTREN110=QTXRN000HF with QTREN110F			110	1.3	36.3
		@ 0.25" SP	90		
QTREN110FLT			110	1.3	36.3
		@ 0.25" SP	90		
QTREN110FLT=QTXRN000HL with QTREN110FLFT			110	1.3	36.3
		@ 0.25" SP	90		
QTRN050F			50	0.4	26.8
		@ 0.25" SP	28		26.6
QTRN080			80	1.0	56.6
		@ 0.25" SP	66		57.8
QTRN080L			80	1.0	56.6
		@ 0.25" SP	66		57.8
QTRN110			110	1.5	70.5
		@ 0.25" SP	98		69.2
QTRN110L			110	1.5	70.5
		@ 0.25" SP	98		69.2
QTXEN050			50	<0.3	19.6
		@ 0.25" SP	31		
QTXEN080			80	0.3	23.3
		@ 0.25" SP	55		
QTXEN080FLT			80	0.3	23.3
		@ 0.25" SP	55		
QTXEN110			110	0.7	33.5
		@ 0.25" SP	90		
QTXEN110FLT			110	0.7	33.5
		@ 0.25" SP	90		
QTXEN110S			110	0.7	33.5
		@ 0.25" SP	90		
QTXEN110SFLT			110	0.7	33.5
		@ 0.25" SP	90		33.0
QTXEN150			150	1.4	51.3
		@ 0.25" SP	118		

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Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

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CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
QTXEN150FLT			150	1.4	51.3
		@ 0.25" SP	118		50.1
QTXN110HL			110	0.9	42.8
		@ 0.25" SP	84		41.7
QTXN110HFLT			110	0.9	42.8
		@ 0.25" SP	84		41.7
QTXN110SL			110	0.9	33.5
		@ 0.25" SP	90		33.0
XN50	6" Rd. Duct		50	<0.3	4.9
		@ 0.25 " SP	49		
	4" Duct		50	<0.3	5.1
		@ 0.25" SP	50		
XN50L	6" Rd. Duct		50	<0.3	4.9
		@ 0.25" SP	48		
	4" Duct		50	<0.3	5.3
		@ 0.25" SP	50		
XN80	6" Rd. Duct		80	<0.3	5.8
		@ 0.25" SP	79		
	4" Duct		80	0.3	7.6
		@ 0.25" SP	80		
XN80L	6" Rd. Duct		80	<0.3	6.0
		@ 0.25" SP	80		
	4" Duct		60	<0.3	6.4
		@ 0.25" SP	63		
XN110	6" Rd. Duct		110	<0.3	7.7
		@ 0.25" SP	110		
XN110L	6" Rd. Duct		110	<0.3	8.7
		@ 0.25" SP	110		
ZN80	6" Rd. Duct				
	Airflow rate setting 80		80	<0.3	5.8
		@ 0.25" SP	79		
	Airflow rate setting 70		70	<0.3	5.1
		@ 0.25" SP	71		
	Airflow rate setting 60		60	<0.3	4.4
		@ 0.25" SP	61		
	Airflow rate setting 50		50	<0.3	4.0
		@ 0.25" SP	49		
	Airflow rate setting 40		40	<0.3	3.7
		@ 0.25" SP	36		
	Airflow rate setting 30		30	<0.3	3.4
		@ 0.25" SP	23		
ZN80	4" Duct				
	Airflow rate setting 80		80	0.3	7.6
		@ 0.25" SP	80		
	Airflow rate setting 70		70	<0.3	6.5
		@ 0.25" SP	70		
	Airflow rate setting 60		60	<0.3	5.5
		@ 0.25" SP	60		
	Airflow rate setting 50		50	<0.3	5.1
		@ 0.25" SP	47		
	Airflow rate setting 40		40	<0.3	4.3
		@ 0.25" SP	34		
	Airflow rate setting 30		30	<0.3	3.9
		@ 0.25" SP	22		

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
ZN80L	6" Rd. Duct				
	Airflow rate setting 80		80	<0.3	6.0
		@ 0.25" SP	80		
	Airflow rate setting 70		70	<0.3	5.2
		@ 0.25" SP	70		
	Airflow rate setting 60		60	<0.3	4.6
		@ 0.25" SP	60		
	Airflow rate setting 50		50	<0.3	4.1
		@ 0.25" SP	50		
	Airflow rate setting 40		40	<0.3	3.6
		@ 0.25" SP	40		
	Airflow rate setting 30		30	<0.3	3.3
		@ 0.25" SP	30		
ZN80L	4" Duct				
	Airflow rate setting 60		60	<0.3	6.4
		@ 0.25" SP	63		
	Airflow rate setting 50		50	<0.3	5.6
		@ 0.25" SP	54		
	Airflow rate setting 40		40	<0.3	4.9
		@ 0.25" SP	43		
	Airflow rate setting 30		30	<0.3	4.4
		@ 0.25" SP	30		
ZN110	Airflow rate setting 110		110	<0.3	7.7
		@ 0.25" SP	110		
	Airflow rate setting 100		100	<0.3	7.0
		@ 0.25" SP	100		
	Airflow rate setting 90		90	<0.3	6.4
		@ 0.25" SP	90		
	Airflow rate setting 80		80	<0.3	5.8
		@ 0.25" SP	80		
	Airflow rate setting 70		70	<0.3	5.1
		@ 0.25" SP	70		
	Airflow rate setting 60		60	<0.3	4.6
		@ 0.25" SP	60		
	Airflow rate setting 50		50	<0.3	4.1
		@ 0.25" SP	50		
	Airflow rate setting 40		40	<0.3	3.7
		@ 0.25" SP	40		
	Airflow rate setting 30		30	<0.3	3.3
		@ 0.25" SP	30		
ZN110L	Airflow rate setting 110		110	<0.3	8.7
		@ 0.25" SP	110		
	Airflow rate setting 100		100	<0.3	7.3
		@ 0.25" SP	100		
	Airflow rate setting 90		90	<0.3	6.5
		@ 0.25" SP	90		
	Airflow rate setting 80		80	<0.3	6.0
		@ 0.25" SP	80		
	Airflow rate setting 70		70	<0.3	5.2
		@ 0.25" SP	70		
	Airflow rate setting 60		60	<0.3	4.6
		@ 0.25" SP	60		
	Airflow rate setting 50		50	<0.3	4.1
		@ 0.25" SP	50		
	Airflow rate setting 40		40	<0.3	3.6
		@ 0.25" SP	40		
	Airflow rate setting 30		30	<0.3	3.3
		@ 0.25" SP	30		

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

NOTE: CHANGES IN RED INDICATE RECENT REVISIONS TO THE HVI CERTIFIED HOME VENTILATING PRODUCTS DIRECTORY.

CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
Inline Fans (all models)					
ILF120			110		
ILF130			120		18.0
ILF250			250		71.0
ILF360			360		118
ILF530			530		
ILRF			140		
Kitchen - Exhaust Fans					
8210			210	6.5	
8310			160	5.0	
Kitchen Range Hoods – Ducted & Convertible					
NS130BL	Ver. HS+		330	7.5	
	Ver. LS+		110	0.5	
	Hor. HS+		350	8.0	
	Hor. LS+		100	0.9	
	7" Rd. Ver. HS+		290	8.0	
	7" Rd. Ver. LS+		100	0.5	
NS130SS	Ver. HS+		330	7.5	
	Ver. LS+		110	0.5	
	Hor. HS+		350	8.0	
	Hor. LS+		100	0.9	
	7" Rd. Ver. HS+		290	8.0	
	7" Rd. Ver. LS+		100	0.5	
NS130WW	Ver. HS+		330	7.5	
	Ver. LS+		110	0.5	
	Hor. HS+		350	8.0	
	Hor. LS+		100	0.9	
	7" Rd. Ver. HS+		290	8.0	
	7" Rd. Ver. LS+		100	0.5	
NS136BL	Ver. HS+		330	7.5	
	Ver. LS+		110	0.5	
	Hor. HS+		350	8.0	
	Hor. LS+		100	0.9	
	7" Rd. Ver. HS+		290	8.0	
	7" Rd. Ver. LS+		100	0.5	
NS136SS	Ver. HS+		330	7.5	
	Ver. LS+		110	0.5	
	Hor. HS+		350	8.0	
	Hor. LS+		100	0.9	
	7" Rd. Ver. HS+		290	8.0	
	7" Rd. Ver. LS+		100	0.5	
NS136WW	Ver. HS+		330	7.5	
	Ver. LS+		110	0.5	
	Hor. HS+		350	8.0	
	Hor. LS+		100	0.9	
	7" Rd. Ver. HS+		290	8.0	
	7" Rd. Ver. LS+		100	0.5	
NS5430SS	Ver. HS+		350	8.5	
	Ver. LS+		190	2.5	
NS5830SS	Ver. HS+		350	8.5	
	Ver. LS+		190	2.5	

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
NS6530BC	Ver. HS+		190	6.0	
	Ver. WS+	@ 0.038" SP	130	2.0	
	Hor. HS+		190	6.0	
	Hor. WS+	@ 0.031" SP	100	2.0	
	7" Rd. Ver. HS+		230	6.0	
	7" Rd. Ver. WS+	@ 0.039" SP	150	2.0	
NS6530BL	Ver. HS+		190	6.0	
	Ver. WS+	@ 0.038" SP	130	2.0	
	Hor. HS+		190	6.0	
	Hor. WS+	@ 0.031" SP	100	2.0	
	7"Rd. Ver. HS+		230	6.0	
	7"Rd. Ver. WS+	@ 0.039" SP	150	2.0	
NS6530SS	Ver. HS+		190	6.0	
	Ver. WS+	@ 0.038" SP	130	2.0	
	Hor. HS+		190	6.0	
	Hor. WS+	@ 0.031" SP	100	2.0	
	7"Rd. Ver. HS+		230	6.0	
	7"Rd. Ver. WS+	@ 0.039" SP	150	2.0	
NS6530WW	Ver. HS+		190	6.0	
	Ver. WS+	@ 0.038" SP	130	2.0	
	Hor. HS+		190	6.0	
	Hor. WS+	@ 0.031" SP	100	2.0	
	7"Rd. Ver. HS+		230	6.0	
	7"Rd. Ver. WS+	@ 0.039" SP	150	2.0	
NSP130SS	Ver. HS+		440	7.0	
	Ver. LS+		120	0.5	
	Hor. HS+		440	7.0	
	Hor. LS+		130	0.5	
NSPM250	Ver. HS+		250	8.0	
NSPM390	Ver. HS+		390	6.0	
NTM30SS	Ver. HS+		500	9.0	
	Ver. LS+		320	4.5	
NTM30WW	Ver. HS+		500	9.0	
	Ver. LS+		320	4.5	
WS130AA	Ver. HS+		210	5.5	
	Ver. LS+		110	1.5	
	Hor. HS+		220	5.0	
	Hor. LS+		110	1.5	
	7" Rd. Ver. HS+		230	5.0	
	7" Rd. Ver. LS+		120	1.5	
WS130BC	Ver. HS+		210	5.5	
	Ver. LS+		110	1.5	
	Hor. HS+		220	5.0	
	Hor. LS+		110	1.5	
	7" Rd. Ver. HS+		230	5.0	
	7" Rd. Ver. LS+		120	1.5	
WS130BL	Ver. HS+		210	5.5	
	Ver. LS+		110	1.5	
	Hor. HS+		220	5.0	
	Hor. LS+		110	1.5	
	7" Rd. Ver. HS+		230	5.0	
	7" Rd. Ver. LS+		120	1.5	

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CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
WS130SS	Ver. HS+		210	5.5	
	Ver. LS+		110	1.5	
	Hor. HS+		220	5.0	
	Hor. LS+		110	1.5	
	7" Rd. Ver. HS+		230	5.0	
	7" Rd. Ver. LS+		120	1.5	
WS130SSMX	Ver. HS+		200	5.5	
	Hor. HS+		220	5.0	
	7" Rd. Ver. HS+		200	5.5	
WS130WW	Ver. HS+		210	5.5	
	Ver. LS+		110	1.5	
	Hor. HS+		220	5.0	
	Hor. LS+		110	1.5	
	7" Rd. Ver. HS+		230	5.0	
	7" Rd. Ver. LS+		120	1.5	
WS136AA	Ver. HS+		210	5.5	
	Ver. LS+		110	1.5	
	Hor. HS+		220	5.0	
	Hor. LS+		110	1.5	
	7" Rd. Ver. HS+		230	5.0	
	7" Rd. Ver. LS+		120	1.5	
WS136BC	Ver. HS+		210	5.5	
	Ver. LS+		110	1.5	
	Hor. HS+		220	5.0	
	Hor. LS+		110	1.5	
	7" Rd. Ver. HS+		230	5.0	
	7" Rd. Ver. LS+		120	1.5	
WS136BL	Ver. HS+		210	5.5	
	Ver. LS+		110	1.5	
	Hor. HS+		220	5.0	
	Hor. LS+		110	1.5	
	7" Rd. Ver. HS+		230	5.0	
	7" Rd. Ver. LS+		120	1.5	
WS136SS	Ver. HS+		210	5.5	
	Ver. LS+		110	1.5	
	Hor. HS+		220	5.0	
	Hor. LS+		110	1.5	
	7" Rd. Ver. HS+		230	5.0	
	7" Rd. Ver. LS+		120	1.5	
WS136WW	Ver. HS+		210	5.5	
	Ver. LS+		110	1.5	
	Hor. HS+		220	5.0	
	Hor. LS+		110	1.5	
	7" Rd. Ver. HS+		230	5.0	
	7" Rd. Ver. LS+		120	1.5	
WS142AA	Ver. HS+		210	5.5	
	Ver. LS+		110	1.5	
	Hor. HS+		220	5.0	
	Hor. LS+		110	1.5	
	7" Rd. Ver. HS+		230	5.0	
	7" Rd. Ver. LS+		120	1.5	
WS142BL	Ver. HS+		210	5.5	
	Ver. LS+		110	1.5	
	Hor. HS+		220	5.0	
	Hor. LS+		110	1.5	
	7" Rd. Ver. HS+		230	5.0	
	7" Rd. Ver. LS+		120	1.5	
WS142SS	Ver. HS+		210	5.5	
	Ver. LS+		110	1.5	
	Hor. HS+		220	5.0	
	Hor. LS+		110	1.5	
	7" Rd. Ver. HS+		230	5.0	
	7" Rd. Ver. LS+		120	1.5	
WS142WW	Ver. HS+		210	5.5	
	Ver. LS+		110	1.5	
	Hor. HS+		220	5.0	
	Hor. LS+		110	1.5	
	7" Rd. Ver. HS+		230	5.0	
	7" Rd. Ver. LS+		120	1.5	
WS230WW	Ver. HS+		280	5.5	
	Ver. LS+		110	1.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.9	
	7" Rd.Ver. HS+		280	5.0	
	7" Rd. Ver. LS+		110	0.8	
WS236WW	Ver. HS+		280	5.5	
	Ver. LS+		110	1.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.9	
	7" Rd.Ver. HS+		280	5.0	
	7" Rd. Ver. LS+		110	0.8	
WS242WW	Ver. HS+		280	5.5	
	Ver. LS+		110	1.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.9	
	7" Rd.Ver. HS+		280	5.0	
	7" Rd. Ver. LS+		110	0.8	
WS330BL	Ver. BS+		380	8.5	
	Ver. HS+		280	5.5	
	Ver. LS+		110	0.3	
	Hor. BS+		430	8.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.4	
	7" Rd.Ver. BS+		350	8.0	
	7" Rd. Ver. HS+		270	5.5	
	7" Rd. Ver. LS+		100	0.5	
WS330SS	Ver. BS+		380	8.5	
	Ver. HS+		280	5.5	
	Ver. LS+		110	0.3	
	Hor. BS+		430	8.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.4	
	7" Rd.Ver. BS+		350	8.0	
	7" Rd. Ver. HS+		270	5.5	
	7" Rd. Ver. LS+		100	0.5	
WS330WW	Ver. BS+		380	8.5	
	Ver. HS+		280	5.5	
	Ver. LS+		110	0.3	
	Hor. BS+		430	8.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.4	
	7" Rd.Ver. BS+		350	8.0	
	7" Rd. Ver. HS+		270	5.5	
	7" Rd. Ver. LS+		100	0.5	

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CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
WS336SS	Ver. BS+		380	8.5	
	Ver. HS+		280	5.5	
	Ver. LS+		110	0.3	
	Hor. BS+		430	8.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.4	
	7" Rd.Ver. BS+		350	8.0	
	7" Rd. Ver. HS+		270	5.5	
	7" Rd. Ver. LS+		100	0.5	
WS342SS	Ver. BS+		380	8.5	
	Ver. HS+		280	5.5	
	Ver. LS+		110	0.3	
	Hor. BS+		430	8.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.4	
	7" Rd.Ver. BS+		350	8.0	
	7" Rd. Ver. HS+		270	5.5	
	7" Rd. Ver. LS+		100	0.5	
WS1530SS	Ver. HS+		210	5.5	
	Ver. WS+	@ 0.021" SP	110	1.2	
	Hor. HS+		220	5.0	
	Hor. WS+	@0.017" SP	100	1.0	
	7" Rd. HS+		210	5.5	
	7" Rd. WS+	@ 0.033" ST	110	1.3	
Other Rooms – Exhaust Fans (all models)					
QT-200	Ver.		200	2.0	
	Hor.		200	2.0	
QT-300	Ver.		300	4.5	
	Hor.		300	4.5	
Remote Exterior Mounted Ventilators					
331H			600		
		@ 0.03" SP	640		
332H			900		
		@ 0.03" SP	940		
335			1200		
		@ 0.03" SP	1230		
336			1500		
		@ 0.03" SP	1530		

BROAN - NUTONE LLC

NuTone (Canada)

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
Bathroom – Exhaust Fans (all models)					
671SP			90	2.5	
672SP			110	4.0	
690UPGKIT			60	3.0	
695C			70	5.5	
696NC			50	3.0	
741SNNTC			70	3.5	
741WHNTC			70	3.5	
742RBNTC			70	2.0	
744NTC			70	12.0	34.4
		@ 0.25" SP	55		32.3
757SNNTC			80	2.5	
765BNNTC			80	2.5	
769RL			70	3.0	
8814R			110	4.0	
8832SA			80	2.5	
8832WH			80	2.5	
8663RP			100	3.5	
8664RP			100	3.5	
9417DN			70	3.5	
9425WHC			70	3.5	
NT080C			80	2.5	
NT100C			100	4.0	
QTREN070C			70	0.8	28.4
		@ 0.25" SP	48		
QTREN080C			80	0.8	28.4
		@ 0.25" SP	55		
QTREN080C2S	HS+		80	0.8	24.8
	HS+	@ 0.25" SP	56		
	LS+		40	<0.3	12.9
QTREN080H			80	1.0	28.4
		@ 0.25" SP	55		28.1
QTREN090C			90	1.0	26.8
		@ 0.25" SP	68		
QTREN090FLC			90	1.0	26.8
		@ 0.25" SP	68		
QTREN100H			100	1.5	36.3
		@ 0.25" SP	81		
QTREN110C			110	1.3	36.3
		@ 0.25" SP	90		
QTREN110FLC			110	1.3	36.3
		@ 0.25" SP	90		
QTREN2080WC	HS+		80	0.8	24.8
	HS+	@ 0.25" SP	56		
	LS+		40	<0.3	12.9
QTRN090C			90	1.0	29.7
		@ 0.25" SP	68		26.4
QTRN090LC			90	1.0	29.7
		@ 0.25" SP	68		26.4
QTRN110C			110	1.5	70.5
		@ 0.25" SP	99		69.2
QTRN110LC			110	1.5	70.5
		@ 0.25" SP	99		69.2
QTXEN050C			50	<0.3	19.6
		@ 0.25" SP	31		
QTXEN080C			80	0.3	23.3
		@ 0.25" SP	55		
QTXEN090C			90	0.6	26.4
		@ 0.25" SP	68		

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Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

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CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
QTXEN110C			110	0.7	33.5
		@ 0.25" SP	90		
QTXEN110H			110	0.7	33.5
		@ 0.25" SP	90		
QTXEN150C			150	1.4	51.3
		@ 0.25" SP	118		
XN50C	6" Duct		50	<0.3	4.9
		@ 0.25" SP	49		
	4" Duct		50	<0.3	5.1
		@ 0.25" SP	50		
XN90C	6" Rd. Duct		90	<0.3	6.6
		@ 0.25" SP	90		
	4" Duct		90	0.5	9.5
		@ 0.25" SP	89		
XN90LC	6" Rd. Duct		90	<0.3	6.5
		@ 0.25" SP	90		
	4" Duct		70	<0.3	7.1
		@ 0.25" SP	73		
XN110C	6" Rd. Duct		110	<0.3	7.7
		@ 0.25" SP	110		
XN110LC	6" Rd. Duct		110	<0.3	8.7
		@ 0.25" SP	110		
ZN90C	6" Rd. Duct				
	Airflow rate setting 90		90	<0.3	6.6
		@ 0.25" SP	90		
	Airflow rate setting 80		80	<0.3	5.8
		@ 0.25" SP	79		
	Airflow rate setting 70		70	<0.3	5.1
		@ 0.25" SP	71		
	Airflow rate setting 60		60	<0.3	4.4
		@ 0.25" SP	61		
	Airflow rate setting 50		50	<0.3	4.0
		@ 0.25" SP	49		
	Airflow rate setting 40		40	<0.3	3.7
		@ 0.25" SP	36		
	Airflow rate setting 30		30	<0.3	3.4
		@ 0.25" SP	23		
ZN90C	4" Duct				
	Airflow rate setting 90		90	0.5	9.5
		@ 0.25" SP	89		
	Airflow rate setting 80		80	0.3	7.6
		@ 0.25" SP	80		
	Airflow rate setting 70		70	<0.3	6.5
		@ 0.25' SP	70		
	Airflow rate setting 60		60	<0.3	5.5
		@ 0.25" SP	60		
	Airflow rate setting 50		50	<0.3	5.1
		@ 0.25" SP	47		
	Airflow rate setting 40		40	<0.3	4.3
		@ 0.25" SP	34		
	Airflow rate setting 30		30	<0.3	3.9
		@ 0.25" SP	22		

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
ZN90LC	6" Rd. Duct				
	Airflow rate setting 90		90	<0.3	6.5
		@ 0.25" SP	90		
	Airflow rate setting 80		80	<0.3	6.0
		@ 0.25" SP	80		
	Airflow rate setting 70		70	<0.3	5.2
		@ 0.25" SP	70		
	Airflow rate setting 60		60	<0.3	4.6
		@ 0.25" SP	60		
	Airflow rate setting 50		50	<0.3	4.1
		@ 0.25" SP	50		
	Airflow rate setting 40		40	<0.3	3.6
		@ 0.25" SP	40		
	Airflow rate setting 30		30	<0.3	3.3
		@ 0.25" SP	30		
ZN90LC	4" Duct				
	Airflow rate setting 70		70	<0.3	7.1
		@ 0.25' SP	73		
	Airflow rate setting 60		60	<0.3	6.4
		@ 0.25" SP	63		
	Airflow rate setting 50		50	<0.3	5.6
		@ 0.25" SP	54		
	Airflow rate setting 40		40	<0.3	4.9
		@ 0.25"SP	43		
	Airflow rate setting 30		30	<0.3	4.4
		@ 0.25" SP	30		
ZN110C	Airflow rate setting 110		110	<0.3	7.7
		@ 0.25" SP	110		
	Airflow rate setting 100		100	<0.3	7.0
		@ 0.25" SP	100		
	Airflow rate setting 90		90	<0.3	6.4
		@ 0.25" SP	90		
	Airflow rate setting 80		80	<0.3	5.8
		@ 0.25" SP	80		
	Airflow rate setting 70		70	<0.3	5.1
		@ 0.25" SP	70		
	Airflow rate setting 60		60	<0.3	4.6
		@ 0.25" SP	60		
	Airflow rate setting 50		50	<0.3	4.1
		@ 0.25" SP	50		
	Airflow rate setting 40		40	<0.3	3.7
		@ 0.25" SP	40		
	Airflow rate setting 30		30	<0.3	3.3
		@ 0.25" SP	30		
ZN110LC	Airflow rate setting 110		110	<0.3	8.7
		@ 0.25" SP	110		
	Airflow rate setting 100		100	<0.3	7.3
		@ 0.25" SP	100		
	Airflow rate setting 90		90	<0.3	6.5
		@ 0.25" SP	90		
	Airflow rate setting 80		80	<0.3	6.0
		@ 0.25" SP	80		
	Airflow rate setting 70		70	<0.3	5.2
		@ 0.25" SP	70		
	Airflow rate setting 60		60	<0.3	4.6
		@ 0.25" SP	60		
	Airflow rate setting 50		50	<0.3	4.1
		@ 0.25" SP	50		
	Airflow rate setting 40		40	<0.3	3.6
		@ 0.25" SP	40		
	Airflow rate setting 30		30	<0.3	3.3
		@ 0.25" SP	30		

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CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
Inline Fans (all models)					
ILF120			110		
ILF130			120		18.0
ILF250			230		71.0
ILF360			360		118
ILF530			530		
ILRF			140		
Kitchen Range Hoods – Ducted & Convertible					
HDN1730SS	Ver. HS+		240	6.5	
	Ver. LS+		100	0.9	
	Hor. HS+		280	5.5	
	Hor. LS+		100	0.9	
HDN1730SSD	Ver. HS+		240	6.5	
	Ver. LS+		100	0.9	
	Hor. HS+		280	5.5	
	Hor. LS+		100	0.9	
HDN1730WH	Ver. HS+		240	6.5	
	Ver. LS+		100	0.9	
	Hor. HS+		280	5.5	
	Hor. LS+		100	0.9	
HDN1730WHD	Ver. HS+		240	6.5	
	Ver. LS+		100	0.9	
	Hor. HS+		280	5.5	
	Hor. LS+		100	0.9	
HDN6430BL	Hor. HS+		180	7.0	
	Ver. HS+		180	7.5	
	7" Rd. HS+		210	7.0	
HDN6430SS	Hor. HS+		180	7.0	
	Ver. HS+		180	7.5	
	7" Rd. HS+		210	7.0	
HDN6430WW	Hor. HS+		180	7.0	
	Ver. HS+		180	7.5	
	7" Rd. HS+		210	7.0	
NTM30SS	Ver. HS+		500	9.0	
	Ver. LS+		320	4.5	
NTM30WH	Ver. HS+		500	9.0	
	Ver. LS+		320	4.5	
NTM302SS	Ver. HS+		500	9.0	
	Ver. LS+		320	4.5	
NTM302WH	Ver. HS+		500	9.0	
	Ver. LS+		320	4.5	
RL6124FAL	Ver. HS+		180	7.5	
	Hor. HS+		180	7.0	
	7" Rd. Ver. HS+		210	7.0	
RL6124FWW	Ver. HS+		180	7.5	
	Hor. HS+		180	7.0	
	7" Rd. Ver. HS+		210	7.0	
RL6130FAL	Ver. HS+		180	7.5	
	Hor. HS+		180	7.0	
	7" Rd. Ver. HS+		210	7.0	
RL6130FSS	Ver. HS+		180	7.5	
	Hor. HS+		180	7.0	
	7" Rd. Ver. HS+		210	7.0	
RL6130FWH	Ver. HS+		180	7.5	
	Hor. HS+		180	7.0	
	7" Rd. Ver. HS+		210	7.0	
RL6130FWW	Ver. HS+		180	7.5	
	Hor. HS+		180	7.0	
	7" Rd. Ver. HS+		210	7.0	
RL6130WWC	Ver. HS+		160	6.5	
	Hor. HS+		160	6.5	
SM6530AL	Ver. HS+		190	7.0	
	Hor. HS+		190	8.0	
	7" Rd. Ver. HS+		220	7.0	
SM6530BL	Ver. HS+		190	7.0	
	Hor. HS+		190	8.0	
	7" Rd. Ver. HS+		220	7.0	
SM6530SS	Ver. HS+		190	7.0	
	Hor. HS+		190	8.0	
	7" Rd. Ver. HS+		220	7.0	
SM6530WH	Ver. HS+		190	7.0	
	Hor. HS+		190	8.0	
	7" Rd. Ver. HS+		220	7.0	
SM6530WW	Ver. HS+		190	7.0	
	Hor. HS+		190	8.0	
	7" Rd. Ver. HS+		220	7.0	
WA6530AA	Ver. HS+		210	5.0	
	Hor. HS+		180	6.0	
	7" Rd. Ver. HS+		210	5.5	
WA6530BL	Ver. HS+		210	5.0	
	Hor. HS+		180	6.0	
	7" Rd. Ver. HS+		210	5.5	
WA6530SS	Ver. HS+		210	5.0	
	Hor. HS+		180	6.0	
	7" Rd. Ver. HS+		210	5.5	
WA6530WW	Ver. HS+		210	5.0	
	Hor. HS+		180	6.0	
	7" Rd. Ver. HS+		210	5.5	
WS130AAC	Ver. HS+		210	5.5	
	Ver. LS+		110	1.5	
	Hor. HS+		220	5.0	
	Hor. LS+		110	1.5	
	7" Rd. Ver. HS+		230	5.0	
	7" Rd. Ver. LS+		120	1.5	
WS130BLC	Ver. HS+		210	5.5	
	Ver. LS+		110	1.5	
	Hor. HS+		220	5.0	
	Hor. LS+		110	1.5	
	7" Rd. Ver. HS+		230	5.0	
	7" Rd. Ver. LS+		120	1.5	

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

NOTE: CHANGES IN RED INDICATE RECENT REVISIONS TO THE HVI CERTIFIED HOME VENTILATING PRODUCTS DIRECTORY.

CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
WS130SSC	Ver. HS+		210	5.5	
	Ver. LS+		110	1.5	
	Hor. HS+		220	5.0	
	Hor. LS+		110	1.5	
	7" Rd. Ver. HS+		230	5.0	
	7" Rd. Ver. LS+		120	1.5	
WS130WWC	Ver. HS+		210	5.5	
	Ver. LS+		110	1.5	
	Hor. HS+		220	5.0	
	Hor. LS+		110	1.5	
	7" Rd. Ver. HS+		230	5.0	
	7" Rd. Ver. LS+		120	1.5	
WS230BLC	Ver. HS+		280	5.5	
	Ver. LS+		110	1.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.9	
	7" Rd. Ver. HS+		280	5.0	
	7" Rd. Ver. LS+		110	0.8	
WS230SSC	Ver. HS+		280	5.5	
	Ver. LS+		110	1.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.9	
	7" Rd. Ver. HS+		280	5.0	
	7" Rd. Ver. LS+		110	0.8	
WS230WWC	Ver. HS+		280	5.5	
	Ver. LS+		110	1.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.9	
	7" Rd. Ver. HS+		280	5.0	
	7" Rd. Ver. LS+		110	0.8	
WS330BLC	Ver. BS+		380	8.5	
	Ver. HS+		280	5.5	
	Ver. LS+		110	0.3	
	Hor. BS+		430	8.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.4	
	7" Rd. Ver. BS+		350	8.0	
	7" Rd. Ver HS+		270	5.5	
	7" Rd. Ver LS+		100	0.5	
WS330SSC	Ver. BS+		380	8.5	
	Ver. HS+		280	5.5	
	Ver. LS+		110	0.3	
	Hor. BS+		430	8.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.4	
	7" Rd. Ver. BS+		350	8.0	
	7" Rd. Ver HS+		270	5.5	
	7" Rd. Ver LS+		100	0.5	
WS330WWC	Ver. BS+		380	8.5	
	Ver. HS+		280	5.5	
	Ver. LS+		110	0.3	
	Hor. BS+		430	8.0	
	Hor. HS+		300	4.5	
	Hor. LS+		100	0.4	
	7" Rd. Ver. BS+		350	8.0	
	7" Rd. Ver HS+		270	5.5	
	7" Rd. Ver LS+		100	0.5	

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
Other Rooms – Exhaust Fans (all models)					
QT-200	Ver.		200	2.0	
	Hor.		200	2.0	
QT-300	Ver.		300	4.5	
	Hor.		300	4.5	
Remote Exterior Mounted Ventilators					
331H			600		
		@ 0.03" SP	640		
332H			900		
		@ 0.03" SP	940		
335			1200		
		@ 0.03" SP	1230		
336			1500		
		@ 0.03" SP	1530		

CONTINENTAL FAN MANUFACTURING, INC

CFM

Bathroom – Exhaust Fans (all models)					
TBF90	HS+		80	2.0	26.1
	LS+		50	0.9	21.1
TBF120	HS+		110	2.0	39.5
		@ 0.25" SP	95		
	LS+		70	1.0	34.8
		@ 0.25" SP	56		
TBFR90L	HS+		80	2.0	23.9
	LS+		50	0.4	20.6
TBFR120L	HS+		100	2.0	34.7
	LS+		70	0.8	32.3
TBFS90L	HS+		70	2.0	24.9
	HS+	@ 0.25" SP	60		
	LS+		50	1.0	20.1
	LS+	@ 0.25" SP	40		
TBFS120L	HS+		90	2.0	32.6
	LS+		70	1.0	31.1
Inline Fans (all models)					
AXC100A			90		
AXC100AES			130		43.3
AXC100B			140		83.4
AXC125AES			150		44.4
AXC125B			160		85.4
AXC150A			200		
AXC150AES			190		46.8
AXC150BES			260		89.2
AXC 200A			350		
AXC200AES			300		84.5
AXC200BES			520		188

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Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

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MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
AXC250ES			550		197
AXC300AES			700		206
AXC300BES			910		312

DELTA ELECTRONICS INC..

Delta

Bathroom – Exhaust Fans (all models)

VFB050B3A1			50	1.0	6.4
		@ 0.25" SP	36	1.2	6.3
VFB050C4A1			50	<0.3	4.0
		@ 0.25" SP	36	1.0	5.2
VFB050C4L1			50	<0.3	4.3
		@ 025" SP	38	0.7	5.8
VFB070B3A1			70	2.0	13.2
		@ 0.25" SP	54	1.5	11.6
VFB070B3X1	HS+		70	2.0	13.2
	HS+	@ 0.25" SP	54	1.5	11.6
	LS+		50	1.0	6.5
	LS+	@ 0.25" SP	36	1.2	6.4
VFB080C4A1			80	0.8	7.9
		@ 0.25" SP	66	1.1	9.3
VFB080C4L1			80	0.8	8.7
		@ 0.25" SP	66	1.0	9.7
VFB080D4LED1			80	0.5	9.0
		@ 0.25" SP	58	1.0	11.3
VFB25AC			80	<0.3	7.2
		@ 0.25" SP	56	0.6	9.3
VFB25ACH			80	<0.3	7.2
		@ 0.25" SP	56	0.6	9.3
VFB25ACL			80	0.6	9.6
		@ 0.25" SP	49	1.0	10.0
VFB25ACLED			80	0.5	9.0
		@ 0.25" SP	58	1.0	11.3
VFB25AD			110	1.0	14.2
		@ 0.25" SP	81	1.5	15.0
VFB25ADH			110	1.0	14.2
		@ 0.25" SP	81	1.5	15.0
VFB25ADL			110	1.1	15.4
		@ 0.25" SP	89	1.4	17.2
VFB25AEH			130	1.3	19.1
		@ 0.25" SP	107		18.8
VFB25AX	HS+		110	1.0	16.0
	HS+	@ 0.25" SP	89		18.1
	LS+		80	0.5	7.7
	LS+	@ 0.25" SP	53		8.7
VHB37AC			80	3.0	12.3

ELICA S.p.A

Elica

Kitchen Range Hoods – Ducted & Convertible

EBL230ES	Ver. HS+		270	7.0	133
	Ver. WS+		150	0.3	18.1
	Hor. HS+		290	7.0	134
	Hor. WS+		150	<0.3	18.1
EBL236ES	Ver. HS+		270	7.0	133
	Ver. WS+		150	0.3	18.1
	Hor. HS+		290	7.0	134
	Hor. WS+		150	<0.3	18.1
EMZ230ES	Ver. HS+		290	5.0	170
	Ver. MS+		200	3.0	70
	Ver. WS+		120	1.0	35
EMZ236ES	Ver. HS+		290	5.0	170
	Ver. MS+		200	3.0	70
	Ver. WS+		120	1.0	35

ELICA S.p.A

Whirlpool

Kitchen Range Hoods – Ducted & Convertible

GXU7130DXB	Ver. HS+		270	7.0	133
	Ver. MS+		170	2.0	38.8
	Ver. WS+		150	0.3	18.1
	Hor. HS+		290	7.0	134
	Hor. MS+		170	1.5	38.7
	Hor. WS+		150	<0.3	18.1
GXU7130DXQ	Ver. HS+		270	7.0	133
	Ver. MS+		170	2.0	38.8
	Ver. WS+	@ 0.013" SP	150	0.3	18.1
	Hor. HS+		290	7.0	134
	Hor. MS+		170	1.5	38.7
	Hor. WS+	@ 0.011" SP	150	<0.3	18.1
GXU7130DXS	Ver. HS+		270	7.0	133
	Ver. MS+		170	2.0	38.8
	Ver. WS+	@ 0.013" SP	150	0.3	18.1
	Hor. HS+		290	7.0	134
	Hor. MS+		170	1.5	38.7
	Hor. WS+	@ 0.011" SP	150	<0.3	18.1

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Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

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CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
GXW7330DXS	Ver. HS+		310	6.0	169
	Ver. MS+		210	3.5	69.6
	Ver. WS+	@ 0.010" SP	150	1.2	32.5
GXW7336DXS	Ver. HS+		310	6.0	169
	Ver. MS+		210	3.5	69.6
	Ver. WS+	@ 0.010" SP	150	1.2	32.5

GE APPLIANCES

GE Appliances

Downdraft Kitchen Exhausters

JP389BJBB	3-1/4 x 10 Ver. HS+	330	7.5
JP389WJWW	3-1/4 x 10 Ver. HS+	330	7.5
JVB37HBB	3-1/4 x 10 Ver. HS+	390	10.5
	3-1/4 x 10 Ver. WS+	170	2.5
JVB67HBB	3-1/4 x 10 Ver. HS+	390	10.5
	3-1/4 x 10 Ver. WS+	170	2.5
JVB94SHSS	3-1/4 x 10 Ver. HS+	390	10.5
	3-1/4 x 10 Ver. WS+	170	2.5
JVB98SHSS	3-1/4 x 10 Ver. HS+	390	10.5
	3-1/4 x 10 Ver. WS+	170	2.5
PGP989DNBB	3-1/4 x 10 Ver. HS+	330	7.5
PGP989SNSS	3-1/4 x 10 Ver. HS+	330	7.5
PGP989TNWW	3-1/4 x 10 Ver. HS+	330	7.5
PGP990DENBB	3-1/4 x 10 Ver. HS+	390	6.5
PGP990DENWW	3-1/4 x 10 Ver. HS+	390	6.5
PGP990SENSS	3-1/4 x 10 Ver. HS+	390	6.5
PP989DNBB	3-1/4 x 10 Ver. HS+	330	7.5
PP989SNSS	3-1/4 x 10 Ver. HS+	330	7.5
PP989TNWW	3-1/4 x 10 Ver. HS+	330	7.5

Kitchen Range Hoods – Ducted & Convertible

CV936MSS	7" Rd. Ver HS+	590	7.5
	7" Rd. Ver. WS	160	0.4
CV966TSS	7" Rd. Ver HS+	590	7.5
	7" Rd. Ver. WS+	160	0.4
JV247P	3-1/4 x 10 Ver. HS+	180	6.0
	3-1/4 x 10 Hor. HS+	180	7.0
	7" Rd. Ver. HS+	200	6.0
JV248P	3-1/4 x 10 Ver. HS+	180	6.0
	3-1/4 x 10 Hor. HS+	180	7.0
	7" Rd. Ver. HS+	200	6.0
JV338HBB	3-1/4 x 10 Ver. HS+	160	6.0
	3-1/4 x 10 Hor. HS+	160	7.0
	7" Rd. Ver. HS+	170	6.0
JV338HCC	3-1/4 x 10 Ver. HS+	160	6.0
	3-1/4 x 10 Hor. HS+	160	7.0
	7" Rd. Ver. HS+	170	6.0
JV338HWW	3-1/4 x 10 Ver. HS+	160	6.0
	3-1/4 x 10 Hor. HS+	160	7.0
	7" Rd. Ver. HS+	170	6.0
JV347H	3-1/4 x 10 Ver. HS+	180	6.0
	3-1/4 x 10 Hor. HS+	180	7.0
	7" Rd. Ver. HS+	200	6.0
JV348L	3-1/4 x 10 Ver. HS+	180	6.0
	3-1/4 x 10 Hor. HS+	180	7.0
	7" Rd. Ver. HS+	200	6.0
JV367H	7" Rd. Ver. HS+	200	6.0
	3-1/4 x 10 Ver. HS+	180	6.0
	3 1/4 x 10 Hor. HS+	180	7.0
JV394SBB	3-1/4" X 10" Ver. HS+	320	4.5
	3-1/4" X 10" Ver. WS+	110	<0.3
JV535HBB	7" Rd. Ver. HS+	240	4.5
	7" Rd. Ver. WS+	160	2.0
	3-1/4 x 10 Ver. HS+	220	4.5
	3-1/4 x 10 Ver. WS+	140	1.5
	3 1/4 x 10 Hor. HS+	220	4.5
	3-1/4 x 10 Hor. WS+	150	1.5
JV535HCC	7" Rd. Ver. HS+	240	4.5
	7" Rd. Ver. WS+	160	2.0
	3-1/4 x 10 Ver. HS+	220	4.5
	3-1/4 x 10 Ver. WS+	140	1.5
	3 1/4 x 10 Hor. HS+	220	4.5
	3-1/4 x 10 Hor. WS+	150	1.5
JV535HWW	7" Rd. Ver. HS+	240	4.5
	7" Rd. Ver. WS+	160	2.0
	3-1/4 x 10 Ver. HS+	220	4.5
	3-1/4 x 10 Ver. WS+	140	1.5
	3 1/4 x 10 Hor. HS+	220	4.5
	3-1/4 x 10 Hor. WS+	150	1.5
JV536HSS	7" Rd. Ver. HS+	240	4.5
	7" Rd. Ver. WS+	160	2.0
	3-1/4 x 10 Ver. HS+	220	4.5
	3-1/4 x 10 Ver. WS+	140	1.5
	3 1/4 x 10 Hor. HS+	220	4.5
	3-1/4 x 10 Hor. WS+	150	1.5
JV565HBB	7" Rd. Ver. HS+	240	4.5
	7" Rd. Ver. WS+	160	2.0
	3-1/4 x 10 Ver. HS+	220	4.5
	3-1/4 x 10 Ver. WS+	140	1.5
	3 1/4 x 10 Hor. HS+	220	4.5
	3-1/4 x 10 Hor. WS+	150	1.5

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
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CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
JV565HCC	7" Rd. Ver. HS+		240	4.5	
	7" Rd. Ver. WS+		160	2.0	
	3-1/4 x 10 Ver. HS+		220	4.5	
	3-1/4 x 10 Ver. WS+		140	1.5	
	3 1/4 x 10 Hor. HS+		220	4.5	
	3-1/4 x 10 Hor. WS+		150	1.5	
JV565HWW	7" Rd. Ver. HS+		240	4.5	
	7" Rd. Ver. WS+		160	2.0	
	3-1/4 x 10 Ver. HS+		220	4.5	
	3-1/4 x 10 Ver. WS+		140	1.5	
	3 1/4 x 10 Hor. HS+		220	4.5	
	3-1/4 x 10 Hor. WS+		150	1.5	
JV566HSS	7" Rd. Ver. HS+		240	4.5	
	7" Rd. Ver. WS+		160	2.0	
	3-1/4 x 10 Ver. HS+		220	4.5	
	3-1/4 x 10 Ver. WS+		140	1.5	
	3 1/4 x 10 Hor. HS+		220	4.5	
	3-1/4 x 10 Hor. WS+		150	1.5	
JV635HBB	7" Rd. Ver. HS+		390	7.0	
	7" Rd. Ver. WS+		160	0.8	
	3-1/4 x 10 Ver. HS+		350	8.5	
	3-1/4 x 10 Ver. WS+		150	1.0	
	3 1/4 x 10 Hor. HS+		380	7.5	
	3 1/4 x 10 Hor. WS+		150	1.0	
JV635HWW	7" Rd. Ver. HS+		390	7.0	
	7" Rd. Ver. WS+		160	0.8	
	3-1/4 x 10 Ver. HS+		350	8.5	
	3-1/4 x 10 Ver. WS+		150	1.0	
	3 1/4 x 10 Hor. HS+		380	7.5	
	3 1/4 x 10 Hor. WS+		150	1.0	
JV636HSS	7" Rd. Ver. HS+		390	7.0	
	7" Rd. Ver. WS+		160	0.8	
	3-1/4 x 10 Ver. HS+		350	8.5	
	3-1/4 x 10 Ver. WS+		150	1.0	
	3 1/4 x 10 Hor. HS+		380	7.5	
	3 1/4 x 10 Hor. WS+		150	1.0	
JV665HBB	7" Rd. Ver. HS+		390	7.0	
	7" Rd. Ver. WS+		160	0.8	
	3-1/4 x 10 Ver. HS+		350	8.5	
	3-1/4 x 10 Ver. WS+		150	1.0	
	3 1/4 x 10 Hor. HS+		380	7.5	
	3 1/4 x 10 Hor. WS+		150	1.0	
JV665HWW	7" Rd. Ver. HS+		390	7.0	
	7" Rd. Ver. WS+		160	0.8	
	3-1/4 x 10 Ver. HS+		350	8.5	
	3-1/4 x 10 Ver. WS+		150	1.0	
	3 1/4 x 10 Hor. HS+		380	7.5	
	3 1/4 x 10 Hor. WS+		150	1.0	
JV666HSS	7" Rd. Ver. HS+		390	7.0	
	7" Rd. Ver. WS+		160	0.8	
	3-1/4 x 10 Ver. HS+		350	8.5	
	3-1/4 x 10 Ver. WS+		150	1.0	
	3 1/4 x 10 Hor. HS+		380	7.5	
	3 1/4 x 10 Hor. WS+		150	1.0	
JV694SBB	3-1/4" X 10" Ver. HS+		320	4.5	
	3-1/4" X 10" Ver. WS+		110	<0.3	
JV930SCBR	3-1/4" X 10" Ver. HS+		320	4.5	
	3-1/4" X 10" Ver. WS+		110	<0.3	
JV936DSS	7" Rd. Ver HS+		590	7.5	
	7" Rd. Ver. WS+		160	0.4	
JV960SCBR	3-1/4" X 10" Ver. HS+		320	4.5	
	3-1/4" X 10" Ver. WS+		110	<0.3	
JV966DSS	7" Rd. Ver HS+		590	7.5	
	7" Rd. Ver. WS+		160	0.4	
JVE40DTBB	3-1/4" X 10" Ver. HS+		210	6.0	
	3-1/4" X 10" Ver. WS+		110	1.3	32.2
	3-1/4" X 10" Hor. HS+		240	5.5	
	3-1/4" X 10" Hor. WS+		120	1.2	32.4
JVE40DTWW	3-1/4" X 10" Ver. HS+		210	6.0	
	3-1/4" X 10" Ver. WS+		110	1.3	32.2
	3-1/4" X 10" Hor. HS+		240	5.5	
	3-1/4" X 10" Hor. WS+		120	1.2	32.4
JVE40STSS	3-1/4" X 10" Ver. HS+		210	6.0	
	3-1/4" X 10" Ver. WS+		110	1.3	32.2
	3-1/4" X 10" Hor. HS+		240	5.5	
	3-1/4" X 10" Hor. WS+		120	1.2	32.4
PV970NSS	8" Rd. Ver. HS+		450	7.0	
	8" Rd. Ver. WS+		210	1.5	
PV976NSS	8" Rd. Ver. HS+		450	7.0	
	8" Rd. Ver. WS+		210	1.5	
PV977NSS	8" Rd. Ver. HS+		450	7.0	
	8" Rd. Ver. WS+		210	1.5	

GE APPLIANCES

Monogram

Downdraft Kitchen Exhausters

ZVB30BHBB	3-1/4 x 10 Ver. HS+		390	10.5
	3-1/4 x 10 Ver. WS+		170	2.5
ZVB36BHBB	3-1/4 x 10 Ver. HS+		390	10.5
	3-1/4 x 10 Ver. WS+		170	2.5
ZVB30SHSS	3-1/4 x 10 Ver. HS+		390	10.5
	3-1/4 x 10 Ver. WS+		170	2.5
ZVB36SHSS	3-1/4 x 10 Ver. HS+		390	10.5
	3-1/4 x 10 Ver. WS+		170	2.5

Kitchen Range Hoods – Ducted & Convertible

ZV30HSRSS	8" Rd. Ver. HS+		530	9.0
	8" Rd. Ver. WS+		240	2.0
ZV30RSFSS	10" Rd. Ver. HS+		620	9.0
	10" Rd. Ver. WS+		240	1.1

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

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CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
ZV30SSFSS	10" Rd. Ver. HS+		620	9.0	
	10" Rd. Ver. WS+		240	1.1	
ZV30TSFSS	10" Rd. Ver. HS+		620	9.0	
	10" Rd. Ver. WS+		240	1.1	
ZV36RSFSS	10" Rd. Ver. HS+		620	9.0	
	10" Rd. Ver. WS+		240	1.1	
ZV36SSFSS	10" Rd. Ver. HS+		620	9.0	
	10" Rd. Ver. WS+		240	1.1	
ZV36TSFSS	10" Rd. Ver. HS+		620	9.0	
	10" Rd. Ver. WS+		240	1.1	
ZV42ISHSS	10" Rd. Ver. HS+		1090	13.0	
	10" Rd. Ver. WS+		430	2.5	
ZV48RSFSS	10" Rd. Ver. HS+		1090	13.0	
	10" Rd. Ver. WS+		430	2.5	
ZV48SSFSS	10" Rd. Ver. HS+		1090	13.0	
	10" Rd. Ver. WS+		430	2.5	
ZV48TSFSS	10" Rd. Ver. HS+		1090	13.0	
	10" Rd. Ver. WS+		430	2.5	
ZV54ISHSS	10" Rd. Ver. HS+		1090	13.0	
	10" Rd. Ver. WS+		430	2.5	
ZV750SPSS	6" Rd. Ver. HS+		350	6.0	
	6" Rd. Ver. WS+		170	1.1	
ZV755SPSS	6" Rd. Ver. BS+		490	10.0	
	6" Rd. Ver. WS+		210	2.0	
ZV800BJBB	6" Rd. Ver. HS+		460	7.0	
	6" Rd. Ver. WS+		220	2.0	
ZV800SJSS	6" Rd. Ver. HS+		460	7.0	
	6" Rd. Ver. WS+		220	2.0	
ZV830SMSS	8" Rd. Ver. HS+		420	9.0	
	8" Rd. Ver. WS+		190	2.0	
ZV850SPSS	6" Rd. Ver. HS+		350	6.0	
	6" Rd. Ver. WS+		170	1.1	
ZV855SPSS	6" Rd. Ver. BS+		490	10.0	
	6" Rd. Ver. WS+		210	2.0	
ZV900SLSS	8" Rd. Ver. HS+		490	8.0	
	8" Rd. Ver. WS+		230	2.0	
ZV925SLSS	8" Rd. Ver. HS+		490	8.0	
	8" Rd. Ver. WS+		230	2.0	
ZV950SDSS	8" Rd Ver. HS+		690	6.0	
	8" Rd. Ver. WS+		330	1.3	
ZV1050SFSS	8" Rd. Ver. HS+		1040	10.0	
	8" Rd. Ver. WS+		450	2.5	
ZVC30LSS	8" Rd. Ver. BS+		640	14.0	
	8" Rd. Ver. WS+		250	3.5	
ZVC36LSS	8" Rd. Ver. BS+		640	14.0	
	8" Rd. Ver. WS+		250	3.5	
ZVC42LSS	8" Rd. Ver. BS+		1140	16.5	
	8" Rd. Ver. WS+		490	4.0	
ZVC48LSS	8" Rd. Ver. BS+		1140	16.5	
	8" Rd. Ver. WS+		490	4.0	

GE INDUSTRIAL SYSTEMS

GE Industrial Systems

Bathroom – Exhaust Fans (all models)

BF50		50	3.0	
BF50EM		50	0.5	28.1
	@ 0.25" SP	38		
BF60CP		50	3.0	
BF70		70	5.0	
BF75		70	5.0	
BF80S		80	1.0	28.1
	@ 0.25" SP	68		
BF80UQ		80	1.5	25.3
BF85		70	5.0	
BF85OK		70	4.0	
BF100EM		100	3.5	
BF100S		80	1.0	24.2
BF100UQ		80	1.5	25.3
BF110S		110	1.5	
BF110UQ		110	2.0	
BF120EM		120	4.0	
BF125EM		100	3.5	
BF135UQ		110	2.0	
BF145EM		120	4.0	
BF150		120	4.0	
BF210UQ		210	2.0	
BF230UQ		210	2.0	
BFL70		70	4.0	
BFL50UQ		50	3.0	
BFL60UQ		50	3.0	
BFL80UQ		80	1.0	27.8
	@ 0.25" SP	70		
BFL85		70	4.0	
BFL85ADW		70	2.5	
BFL85DRB		70	4.0	
BFL85DRN		70	4.0	
BFL85DRS		70	4.0	
BFL85DRW		70	4.0	
BFL85RCB		70	4.0	
BFL85RCC		70	4.0	
BFL85SNS		70	2.5	
BFL85SLN		70	4.0	
BFL85SLW		70	4.0	
BFL100RNL		100	3.5	
BFL100UQ		100	2.5	
BFL125RNL		100	3.5	
BFL125UQ		100	2.5	
BFLH70L		70	3.5	

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Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

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CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC PRESSURE*	CFM**	SONES	WATTS
BFLH85L			70	3.5	
BH70DB			70	3.5	
BH70SB			70	3.5	
BH85DB			70	3.5	
BH85SB			70	3.5	
Other Rooms – Exhaust Fans (all models)					
WF180			180	6.5	

GENUIN ELECTRIC CO., LTD. GUANGDONG

Carnes Company

Bathroom – Exhaust Fans (all models)					
VCDK005C			50	1.0	25.1
VCDK009C			110	1.5	45.6

GENUIN ELECTRIC CO., LTD. GUANGDONG

GNN

Bathroom – Exhaust Fans (all models)					
BPT 12-02A			50	1.0	25.1
		@ 0.25" SP	41		
BPT 12-02D1			50	2.5	22.0
BPT 12-14A			70	0.8	34.4
		@ 0.25" SP	41		
BPT 15-14A1			80	1.0	35.2
		@ 0.25" SP	61		
BPT15-24A			110	1.5	28.8
		@ 0.25" SP	69		
BPT 15-24A1			110	1.5	45.6
		@ 0.25" SP	95		
BPT 18-44A			180	1.5	43.2
		@ 0.25" SP	153		
Inline Fans (all models)					
DPT12.5-35D			180		110

GRAINGER INDUSTRIAL SUPPLY

Dayton

Whole House Comfort Ventilators					
5NRR9			3300		
5NRT0			4740		
5NRT1			2620		
5NRT2			5250		
5NRT3			9200		
5NRT4			6550		

HAIER AMERICA

Haier

Kitchen Range Hoods – Ducted & Convertible					
HHX1030	Ver. HS+		170	6.5	
	Ver. WS+		120	3.0	
	Ver. Rd. HS+		220	6.5	
	Ver. Rd. WS+		150	3.0	
	Hor. HS+		180	8.0	
	Hor. WS+		120	4.0	
HHX2030	Ver. HS+		170	6.5	
	Ver. WS+		120	3.0	
	Ver. Rd. HS+		220	6.5	
	Ver. Rd. WS+		150	3.0	
	Hor. HS+		180	8.0	
	Hor. WS+		120	4.0	
HDD300SS6	Ver. HS+		300	4.0	
	Ver. WS+		100	0.4	
	Hor. HS+		290	3.5	
	Hor. WS+		100	0.8	
HHV2230DBBB	Ver. HS+		160	8.0	
	Ver. WS+		80	1.5	
	Hor. HS+		150	9.0	
	Hor. WS+		80	2.5	
	Ver. Rd. HS+		220	7.5	
	Ver. Rd. WS+		110	1.4	
HHV2230DBWW	Ver. HS+		160	8.0	
	Ver. WS+		80	1.5	
	Hor. HS+		150	9.0	
	Hor. WS+		80	2.5	
	Ver. Rd. HS+		220	7.5	
	Ver. Rd. WS+		110	1.4	
HHV2230SBSS	Ver. HS+		160	8.0	
	Ver. WS+		80	1.5	
	Hor. HS+		150	9.0	
	Hor. WS+		80	2.5	
	Ver. Rd. HS+		220	7.5	
	Ver. Rd. WS+		110	1.4	
HHV3330DBBB	Ver. HS+		300	7.5	
	Ver. WS+		210	3.0	
	Hor. HS+		350	5.5	
	Hor. WS+		230	2.0	
	Ver. Rd. HS+		250	6.5	
	Ver. Rd. WS+		180	3.0	
HHV3330DBWW	Ver. HS+		300	7.5	
	Ver. WS+		210	3.0	
	Hor. HS+		350	5.5	
	Hor. WS+		230	2.0	
	Ver. Rd. HS+		250	6.5	
	Ver. Rd. WS+		180	3.0	
HHV3330SBSS	Ver. HS+		300	7.5	
	Ver. WS+		210	3.0	
	Hor. HS+		350	5.5	
	Hor. WS+		230	2.0	
	Ver. Rd. HS+		250	6.5	
	Ver. Rd. WS+		180	3.0	

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

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CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
HHX3030	Ver. HS+		300	4.0	
	Ver. WS+		100	0.4	
	Hor. HS+		290	3.5	
	Hor. WS+		100	0.8	
HHX6030	Ver. HS+		300	4.0	
	Ver. WS+		100	0.4	
	Hor. HS+		290	3.5	
	Hor. WS+		100	0.8	
HHX7030	Ver. HS+		390	6.5	
	Ver. WS+		120	1.5	
LHV3330DBBB	Ver. HS+		300	7.5	
	Ver. WS+		210	3.0	
	Hor. HS+		350	5.5	
	Hor. WS+		230	2.0	
	Ver. Rd. HS+		250	6.5	
	Ver. Rd. WS+		180	3.0	
LHV3330DBWW	Ver. HS+		300	7.5	
	Ver. WS+		210	3.0	
	Hor. HS+		350	5.5	
	Hor. WS+		230	2.0	
	Ver. Rd. HS+		250	6.5	
	Ver. Rd. WS+		180	3.0	
LHV3330SBSS	Ver. HS+		300	7.5	
	Ver. WS+		210	3.0	
	Hor. HS+		350	5.5	
	Hor. WS+		230	2.0	
	Ver. Rd. HS+		250	6.5	
	Ver. Rd. WS+		180	3.0	

HANGZHOU AUPU BATHROOM & KITCHEN TECHNOLOGY

AUPU

Bathroom – Exhaust Fans (all models)

AF50L1			50	1.2	21.9
AF69G1	HS+		80	2.5	28.2
	HS+	@ 0.25" SP	66		
	LS+		50	1.3	22.6
	LS+	@ 0.25" SP	38		
AF69G1 (Low Speed)			50	1.3	22.2
		@ 0.25" SP	38		
AF69G2	HS+		80	2.5	28.2
	HS+	@ 0.25" SP	66		
	LS+		50	1.3	22.6
	LS+	@ 0.25" SP	38		
AF69G2 (Low Speed)			50	1.3	22.2
		@ 0.25" SP	38		
AF69G3	HS+		80	2.5	28.2
	HS+	@ 0.25" SP	66		
	LS+		50	1.3	22.6
	LS+	@ 0.25" SP	38		
AF69G3 (Low Speed)			50	1.3	22.2
		@ 0.25" SP	38		
AF69G4	HS+		80	2.5	28.2
	HS+	@ 0.25" SP	66		
	LS+		50	1.3	22.6
	LS+	@ 0.25" SP	38		
AF69G4 (Low Speed)			50	1.3	22.2
		@ 0.25" SP	38		
AF69G5	HS+		80	2.5	28.2
	HS+	@ 0.25" SP	66		
	LS+		50	1.3	22.6
	LS+	@ 0.25" SP	38		
AF69G5 (Low Speed)			50	1.3	22.2
		@ 0.25" SP	38		
AF69G6	HS+		80	2.5	28.2
	HS+	@ 0.25" SP	66		
	LS+		50	1.3	22.6
	LS+	@ 0.25" SP	38		
AF69G6 (Low Speed)			50	1.3	22.2
		@ 0.25" SP	38		
AF69L1	HS+		80	2.0	23.9
	LS+		50	0.4	20.6
AF69L2	HS+		80	2.0	26.3
	HS+	@ 0.25" SP	70		
	LS+		50	1.0	21.4
	LS+	@ 0.25" SP	40		
AF69L3	HS+		70	2.0	24.9
	HS+	@ 0.25" SP	60		
	LS+		50	1.0	20.1
	LS+	@ 0.25" SP	40		
AF912G1	HS+		110	2.0	39.5
		@ 0.25" SP	95		
	LS+		70	1.0	34.8
		@ 0.25" SP	56		
AF912G2	HS+		110	2.0	39.5
		@ 0.25" SP	95		
	LS+		70	1.0	34.8
		@ 0.25" SP	56		
AF912G3	HS+		110	2.0	39.5
		@ 0.25" SP	95		
	LS+		70	1.0	34.8
		@ 0.25" SP	56		
AF912G4	HS+		110	2.0	39.5
		@ 0.25" SP	95		
	LS+		70	1.0	34.8
		@ 0.25" SP	56		
AF912G5	HS+		110	2.0	39.5
		@ 0.25" SP	95		
	LS+		70	1.0	34.8
		@ 0.25" SP	56		

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

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CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
AF912G6	HS+		110	2.0	39.5
		@ 0.25" SP	95		
	LS+		70	1.0	34.8
		@ 0.25" SP	56		
AF912L1	HS+		100	2.0	37.8
	HS+	@ 0.25" SP	90		
	LS+		80	1.0	34.1
	LS+	@ 0.25" SP	60		
AF912L2	HS+		100	2.5	41.4
	HS+	@ 0.25" SP	85		
	LS+		70	1.1	36.4
	LS+	@ 0.25" SP	60		
AF912L3	HS+		100	2.5	38.6
	HS+	@ 0-.25" SP	90		
	LS+		80	1.4	35.2
	LS+	@ 0.25" SP	70		
AFS80G1			80	< 0.3	23.4
		@ 0.25" SP	60		
AFS80G2			80	< 0.3	23.4
		@ 0.25" SP	60		
AFS80G3			80	< 0.3	23.4
		@ 0.25" SP	60		
AFS80G4			80	< 0.3	23.4
		@ 0.25" SP	60		
AFS80G5			80	< 0.3	23.4
		@ 0.25" SP	60		
AFS80G6			80	< 0.3	23.4
		@ 0.25" SP	60		
AFS80L1			80	0.4	23.7
		@ 0.25" SP	60		23.0
AFS110G1			110	0.7	28.1
		@ 0.25" SP	85		
AFS110G2			110	0.7	28.1
		@ 0.25" SP	85		
AFS110G3			110	0.7	28.1
		@ 0.25" SP	85		
AFS110G4			110	0.7	28.1
		@ 0.25" SP	85		
AFS110G5			110	0.7	28.1
		@ 0.25" SP	85		
AFS110G6			110	0.7	28.1
		@ 0.25" SP	85		
AFS110L1			110	1.3	29.4
		@ 0.25" SP	85		28.5

HOME DEPOT

Hampton Bay

Bathroom – Exhaust Fans (all models)

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
249872			80	0.5	9.0
		@ 0.25" SP	58	1.0	11.3
315888			140	1.5	45.1
		@ 0.25" SP	122		
316183			140	1.5	50.0
		@ 0.25" SP	124		
316622			110	1.2	32.1
		@ 0.25" SP	90		
317768			70	4.0	50.0
		@ 0.25" SP	64		
317898			110	1.0	34.7
		@ 0.25" SP	89		
985893			80	0.5	9.0
		@ 0.25" SP	58	1.0	11.3
986755			50	<0.3	20.4
		@ 0.25" SP	27		
986793			80	1.0	30.0
		@ 0.25" SP	60		

HOMEWERKS WORLDWIDE

Homewerks Worldwide

Bathroom – Exhaust Fans (all models)

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
7111-03-L			70	2.0	13.1
		@ 0.25" SP	54	1.5	11.5

HOMEWERKS WORLDWIDE

Hoover

Bathroom – Exhaust Fans (all models)

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
7123-01			80	3.0	12.3
7125-03			100	1.2	30.3
7127-02			50	1.0	6.4
		@ 0.25" SP	36	1.2	6.3
7127-03			70	2.0	13.1
		@ 0.25" SP	54	1.5	11.5

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

NOTE: CHANGES IN RED INDICATE RECENT REVISIONS TO THE HVI CERTIFIED HOME VENTILATING PRODUCTS DIRECTORY.

CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
7127-04			80	<0.3	7.2
		@ 0.25"SP	56	0.6	9.3
7127-05			110	0.8	33.2
		@ 0.25" SP	85		
7128-01			80	0.6	9.6
		@ 0.25" SP	49	1.0	10.0
7128-02			110	1.2	32.0
		@ 0.25" SP	93		

HUNTER FAN COMPANY

Hunter

Bathroom – Exhaust Fans (all models)

80202			70	1.5	27.1
80212			80	2.0	
80213			80	2.0	21.1
80500			70	0.8	
80705			70	1.5	
80707			70	1.5	
81001			70	2.5	
81002			70	2.5	20.0
81003			70	2.5	20.0
81004			70	2.5	20.0
81021			90	2.5	
81030			90	2.5	
81050			90	1.1	24.5
82004			70	2.5	20.4
82020			70	2.5	20.4
82022			80	2.5	21.0
82029			70	2.0	21.5
82030			70	0.8	19.2
82031			90	1.0	20.5
82032			110	1.4	23.0
82040			70	0.8	19.5
82048			70	2.0	20.3
83001			110	3.0	30.9
90052			80	2.5	21.0
90053			80	2.5	21.0
90058			80	2.5	21.0
90064			100	2.5	32.8

INFINITECH, INC

Infinitech

Bathroom – Exhaust Fans (all models)

IT050F1			50	1.3	22.6
IT050F2			50	1.3	22.6
IT050FG1			50	1.3	22.6
IT050FG2			50	1.3	22.6
IT050FG3			50	1.3	22.6
IT050FG4			50	1.3	22.6
IT050FL1			50	0.4	20.6
IT050FL2			50	1.0	21.4
IT050FL3			50	1.0	20.1
IT050RF			50	1.1	23.6
IT050RFL			50	1.2	23.6
IT080F1			70	1.0	34.8
		@ 0.25" SP	56		
IT080F2			70	1.0	34.8
		@ 0.25" SP	56		
IT080G1			70	1.0	34.8
		@ 0.25" SP	56		
IT080G2			70	1.0	34.8
		@ 0.25" SP	56		
IT080G3			70	1.0	34.8
		@ 0.25" SP	56		
IT080G4			70	1.0	34.8
		@ 0.25" SP	56		
IT080FL1			80	1.0	34.1
IT080FL2			80	1.1	36.4
IT080FL3			80	1.4	35.2
IT110F1			110	2.0	39.5
		@ 0.25" SP	95		
IT110F2			110	2.0	39.5
		@ 0.25" SP	95		
IT110G1			110	2.0	39.5
		@ 0.25" SP	95		
IT110G2			110	2.0	39.5
		@ 0.25" SP	95		
IT110G3			110	2.0	39.5
		@ 0.25" SP	95		
IT110G4			110	2.0	39.5
		@ 0.25" SP	95		
IT110FL1			100	2.0	37.8
IT110FL2			100	2.5	41.1
IT110FL3			100	2.5	38.6
ITS080F1			80	<0.3	23.4
		@ 0.25" SP	60		
ITS080F2			80	<0.3	23.4
		@ 0.25" SP	60		
ITS080FG1			80	<0.3	23.4
		@ 0.25" SP	60		
ITS080FG2			80	<0.3	23.4
		@ 0.25" SP	60		
ITS080FG3			80	<0.3	23.4
		@ 0.25" SP	60		
ITS080FG4			80	<0.3	23.4
		@ 0.25" SP	60		
ITS080FL1			80	0.4	23.7
		@ 0.25" SP	60		23.0

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

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CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
ITS110F1			110	0.7	28.1
		@ 0.25" SP	85		
ITS110F2			110	0.7	28.1
		@ 0.25" SP	85		
ITS110FG1			110	0.7	28.1
		@ 0.25" SP	85		
ITS110FG2			110	0.7	28.1
		@ 0.25" SP	85		
ITS110FG3			110	0.7	28.1
		@ 0.25" SP	85		
ITS110FG4			110	0.7	28.1
		@ 0.25" SP	85		
ITS110FL1			110	0.7	28.1
		@ 0.25" SP	85		28.0

JETKO IMPORT & EXPORT INC.

Jetko

Bathroom – Exhaust Fans (all models)

E110XB06			110	0.6	35.6
		@ 0.25" SP	87		
N090XB07			90	0.7	33.1
		@ 0.25" SP	68		

KING OF FANS

King of Fans

Bathroom – Exhaust Fans (all models)

7122-02			70	4.0	45.2
		@ 0.25" SP	65		
BF70			70	1.3	33.0
		@ 0.25" SP	56		
BF80			80	1.0	27.1
		@ 0.25" SP	60		
BF80L			80	1.0	27.1
		@ 0.25" SP	58		
BF90			100	1.2	30.3
		@ 0.25" SP	75		
BF110			110	0.8	33.2
		@ 0.25" SP	85		
BF110L			110	1.2	32.0
		@ 0.25" SP	93		

KING OF FANS

Tuscany

Bathroom – Exhaust Fans (all models)

611-5000			70	2.0	33.1
611-5001			70	2.0	33.1

K-STAR INTERNATIONAL GROUP INC.

K-Star

Bathroom – Exhaust Fans (all models)

KV110A			110	1.0	26.2
		@ 0.25" SP	88		
KV110LA			110	1.0	32.5
		@ 0.25" SP	88		
KV110LB			110	1.0	26.0
		@ 0.25" SP	88		

LONON INDUSTRY CO. LTD

Lonon

Bathroom – Exhaust Fans (all models)

QV50	50	<0.3	16.2
QV50L	50	<0.3	17.0
QV80	80	<0.3	20.1
QV80L	80	0.3	21.1
QV90	90	0.4	23.0
QV90L	90	0.5	23.6
QV110	110	0.8	33.0
QV110L	110	0.9	33.1
QV130	130	1.0	35.4
QV130L	130	0.8	35.7
QV150	150	0.7	39.5
QV150L	150	0.9	39.1
V50	50	2.5	19.0
V50L	50	0.8	15.8
V70	70	2.0	18.6
V70L	70	2.0	19.1
V80	80	3.0	23.6
V80L	80	3.0	24.7
V90	90	3.5	39.8
V90L	90	3.5	44.0
V90Q	90	2.5	29.6
V100	100	3.0	31.2
V100L	100	3.0	30.8
V110	110	3.5	34.2
V110L	110	3.5	35.5

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

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CERTIFIED VENTILATING FAN PRODUCTS

LOWE'S HOME IMPROVEMENT

Harbor Breeze

Bathroom – Exhaust Fans (all models)

MODEL OR SERIES	DETAILS	STATIC PRESSURE*	CFM**	SONES	WATTS
7105-01-L			100	1.2	30.3
		@ 0.25" SP	75		
7105-02-L			70	2.0	33.1
7107-01-L			110	0.8	33.2
		@ 0.25" SP	85		
7108-01-L			110	1.2	32.0
		@ 0.25" SP	93		
7108-02-L			110	1.2	32.6
7111-03-L			70	2.0	13.1
		@ 0.25" SP	54	1.5	11.5
34998			70	2.0	28.8
35482			70	1.5	27.1
141666			70	2.0	28.8
200364			80	2.0	20.9
200366			100	2.0	31.1
290996			50	1.5	
290997			90	2.5	
379396			70	2.0	13.1
		@ 0.25" SP	54	1.5	11.5
398999			80	3.0	12.3
0056948			110	1.2	33.3
0056974			110	1.2	32.6
0057823			90	1.2	30.2
0158087			70	2.0	33.1
HTR-REV02-L			80	3.0	12.3

MABE CANADA, INC.

Mabe

Kitchen Range Hoods – Ducted & Convertible

MODEL OR SERIES	DETAILS	STATIC PRESSURE*	CFM**	SONES	WATTS
TV337NBB	3 x 9 Ver. HS+		160	6.0	47.0
	3 x 9 Hor. HS+		140	7.5	47.8
	7" Rd. Ver. HS+		170	6.0	45.7
TV337NWW	3 x 9 Ver. HS+		160	6.0	47.0
	3 x 9 Hor. HS+		140	7.5	47.8
	7" Rd. Ver. HS+		170	6.0	45.7

MAGNAVENT, INC.

Fanam

Bathroom – Exhaust Fans (all models)

MODEL OR SERIES	DETAILS	STATIC PRESSURE*	CFM**	SONES	WATTS
EQC165 Combo			170	4.0	
SQ140			130	2.5	
SQ210			200	5.5	
UQ100			100	1.0	
UQ200			200	3.5	
UQS130	HS+		130	2.5	72.4
	LS+		20	0.9	27.2
UQS150	HS+		130	2.5	72.4
	LS+		20	0.9	27.2
UQS185	HS+		180	3.5	85.2
	LS+		50	0.7	30.8
UQS225			240	6.5	119.3

Inline Fans (all models)

MODEL OR SERIES	STATIC PRESSURE*	CFM**	SONES	WATTS
DQ210	@ 0.20" SP	170		112
DQ300	@ 0.20" SP	200		170
EDB409	@ 0.2" SP	280		93.9
R100	@ 0.20" SP	120		34.1
R110	@ 0.20" SP	160		97.4
R125	@ 0.20" SP	240		101
R150	@ 0.20" SP	320		102
R200	@ 0.20" SP	400		125
R225	@ 0.20" SP	620		253
R250	@ 0.20" SP	660		243
R315	@ 0.20" SP	810		275

MAGNAVENT, INC.

Kanaire

Bathroom – Exhaust Fans (all models)

MODEL OR SERIES	DETAILS	STATIC PRESSURE*	CFM**	SONES	WATTS
EQC165 Combo	HS+		170	4.0	
SQ140	HS+		130	2.5	
SQ210	HS+		200	5.5	
UQ100	HS+		100	1.0	
UQ200	HS+		200	3.5	
UQS130	HS+		130	2.5	72.4
	LS+		20	0.9	27.2
UQS150	HS+		130	2.5	72.4
	LS+		20	0.9	27.2
UQS185	HS+		180	3.5	85.2
	LS+		50	0.7	30.8
UQS225	HS+		240	6.5	119

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

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CERTIFIED VENTILATING FAN PRODUCTS

MAICO ITALIA SPA

Elicent

Inline Fans (all models)

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
AXC100AES			130		43.3
AXC100B			140		83.4
AXC125AES			150		44.4
AXC125B			160		85.4
AXC150AES			190		46.8
AXC150BES			260		89.2
AXC200AES			300		84.5
AXC200BES			520		188
AXC250ES			550		197
AXC300AES			700		206
AXC300BES			910		312

MARLEY ENGINEERED PRODUCTS

Marley

Bathroom – Exhaust Fans (all models)

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
761			70	2.0	
763			90	3.0	
782W			60	4.5	
1001			100	4.5	
1001BR			100	4.5	
1001F			100	4.5	
1100W			80	4.0	
6060			60	4.0	
6060L			60	4.0	
6060RL			60	3.5	
6080			80	3.0	
6080L			80	2.5	
6080RL			80	2.5	
6100			110	4.0	69.3
6100RL			110	4.0	69.3
6100RLX2			110	4.0	69.3
6100X2			110	4.0	69.3
7100A			100	1.5	68.4
7100LA			100	1.5	68.4
7150FL			100	2.5	
7150			150	3.5	
7150L			150	3.0	
768IC			90	3.0	
8080ES			80	1.0	32.1
		@ 0.25" SP	72		
8080FL			80	1.0	31.6
		@ 0.25" SP	73		26.8
8090			90	1.0	
8090L			90	1.0	
8140ES			140	2.5	46.3
		@ 0.25" sp	111		
8140FL			140	2.5	48.6
		@ 0.25" SP	107		46.6
A647			50	4.5	
A647B			50	4.5	
A664IC			50	3.5	
A728N			100	4.0	
B560			70	5.5	
B660W			70	4.0	
MM647			50	4.5	
MM647B			50	4.5	
MM664IC			50	4.0	
MM667IC			60	5.0	
MM698			70	3.0	
MM698F			70	3.0	
MM698WC			70	3.0	
MM728			100	6.0	
MM728NL			100	6.0	
MM748			70	5.0	
TC667			70	4.0	
MM648			60	3.5	

Inline Fans (all models)

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
IF110		@ 0.20" SP	100		19.4
		@ 0.50" SP	68		19.6
IF175		@ 0.20" SP	170		
		@ 0.50" SP	144		
		@ 1.00" SP	87		
IF275		@ 0.20" SP	230		74.7
		@ 0.50" SP	176		74.4
		@ 1.00" SP	89		71.0
IF400		@ 0.20" SP	450		140.0
		@ 0.50" SP	353		148.0
		@ 1.00" SP	220		148.0
IF500		@ 0.20" SP	500		133.0
		@ 0.50" SP	420		144.0
		@ 1.00" SP	275		151.0

Kitchen - Exhaust Fans

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
760L			200	5.5	
898L			200	7.0	
899L			200	7.0	
1047			460	7.0	
1080			280	5.5	

Powered Attic Ventilators

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
AGV14			1040		
ASRV14			1060		
GV16			1520		

Whole-House Comfort Ventilators

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
2438			3900		
3038R			5500		
3638R			7100		
A20DD			2900		

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

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CERTIFIED VENTILATING FAN PRODUCTS

MILANO ELECTRONICS LLC

Milano

Bathroom – Exhaust Fans (all models)

MODEL OR SERIES	DETAILS	STATIC PRESSURE*	CFM**	SONES	WATTS
TY-50-A			50	<0.3	17.6
		@ 0.25" SP	14		
TY-50-A (HD)			50	0.5	21.0
		@ 0.25" SP	27		
TY-50-B			50	<0.3	17.6
		@ 0.25" SP	14		
TY-80-A			80	0.7	30.0
		@ 0.25" SP	60		
TY-80-A (HD)			90	1.0	30.0
		@ 0.25" SP	67		
TY-80-B			80	0.7	30.0
		@ 0.25" SP	60		
TY-80-S			80	1.0	25.2
		@ 0.25" SP	56		
TY-100-A			100	1.0	36.8
		@ 0.25" SP	74		
TY-100-B			100	1.0	36.8
		@ 0.25" SP	74		

NATIONAL HVAC PRODUCTS, INC.

Zonex

Bathroom – Exhaust Fans (all models)

MODEL OR SERIES	STATIC PRESSURE*	CFM**	SONES	WATTS
GI-70X2		190	2.5	58.0
GI-100x2		250	4.5	
GM-60		60	0.9	27.3
GM-90		90	1.0	
GM-120		110	1.5	
GM-120FR		110	1.5	
GM-120P		110	2.0	36.4
GM-220		220	5.0	
GM-230		230	5.0	

Inline Fans (all models)

MODEL OR SERIES	STATIC PRESSURE*	CFM**	SONES	WATTS
DBF150		160		
IL-130		130		
IL-180		180		
IL-280		260		
IL-290		290		
IL-400		330		
IL-500		470		
IL-700		610		

Other Rooms – Exhaust Fans (all models)

MODEL OR SERIES	STATIC PRESSURE*	CFM**	SONES	WATTS
GM-130		120	1.0	
GM-180		200	2.5	77.9
GM-280		260	4.5	
GM-400		360	2.0	
GM-500		450	3.5	

NORTH AMERICAN RANGE HOODS, INC.

Cyclone Range Hoods

Kitchen Range Hoods – Ducted & Convertible

MODEL OR SERIES	DETAILS	STATIC PRESSURE*	CFM**	SONES	WATTS
BOX-2000	HS+		540	8.0	
	WS+		280	7.0	
	LS+		210	5.0	
CY1000	HS+		540	8.0	
	WS+		280	7.0	
	LS+		210	5.0	
NA930	HS+		540	8.0	
	WS+		280	7.0	
	LS+		210	5.0	

ORBIT INDUSTRIES, INC

Orbit Fans

Bathroom – Exhaust Fans (all models)

MODEL OR SERIES	STATIC PRESSURE*	CFM**	SONES	WATTS
OD50		50	<0.3	31.7
	@ 0.25" SP	30		28.5
OD80		80	0.8	27.9
	@ 0.25" SP	67		26.1
OD80L		80	0.5	31.6
	@ 0.25" SP	64		28.7
OD90		90	1.0	28.3
	@ 0.25" SP	76		26.1
OD90L		90	0.7	32.1
	@ 0.25" SP	75		29.5
OD100		100	1.2	29.2
	@ 0.25" SP	84		27.2
OD110		110	1.5	30.5
	@ 0.25" SP	93		28.5
OD110L		110	1.2	33.7
	@ 0.25" SP	96		31.9
OD120		120	2.0	32.1
	@ 0.25" SP	105		30.6
OE50		50	3.0	36.5
OE60		60	4.0	42.0
OE70		70	3.5	27.1
OE80		80	4.0	30.8
OEP50		50	2.5	19.9

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

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CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
OEP80			80	1.3	31.2
		@ 0.25" SP	63		30.9
OEP80L			80	1.0	29.2
		@ 0.25" SP	70		28.8
OEP90			90	1.5	24.5
		@ 0.25" SP	76		22.8
OEP90L			90	1.1	24.5
		@ 0.25" SP	75		22.7
OEP110			110	2.0	27.0
		@ 0.25" SP	83		25.3
OEP110L			110	1.0	27.3
		@ 0.25" SP	93		25.9

ORTECH INDUSTRIES INC

Ortech.

Bathroom – Exhaust Fans (all models)

OD-1106			110	0.6	35.6
		@ 0.25" SP	87		
OD-1106HS			110	0.6	35.6
		@ 0.25" SP	87		
OD-1106LT			110	0.6	35.6
		@ 0.25" SP	87		
OD-8003			90	0.3	31.5
		@ 0.25" SP	67		
OD-8003LT			90	0.3	31.5
		@ 0.25" SP	67		
OD-8007			90	0.7	33.1
		@ 0.25" SP	68		
OD-8007HS			90	0.7	33.1
		@ 0.25" SP	68		
OD-8007LT			90	0.7	33.1
		@ 0.25" SP	68		
OD-9003			90	0.3	31.5
		@ 0.25" SP	67		
OD-9003HS			90	0.3	31.5
		@ 0.25" SP	67		
OD-9003LT			90	0.3	31.5
		@ 0.25" SP	67		
OD-9007			90	0.7	33.1
		@ 0.25" SP	68		
OD-9007HS			90	0.7	33.1
		@ 0.25" SP	68		
OD-9007HSLT			90	0.7	33.1
		@ 0.25" SP	68		
OD-9007LT			90	0.7	33.1
		@ 0.25" SP	68		
OD-12012			120	1.2	36.6
		@ 0.25" SP	100		
OD-12012HS			120	1.2	36.6
		@ 0.25" SP	100		
OD-12012HSLT			120	1.2	36.6
		@ 0.25" SP	100		
OD-12012LT			120	1.2	36.6
		@ 0.25" SP	100		
OD-12012MS			120	1.2	36.6
		@ 0.25" SP	100		

OSTBERG AMERICAS INC

Ostberg Americas Inc.

Inline Fans (all models)

CK 4A			100		
CK 4C			150		
CK 5A			120		
CK 5C			210		78.4
CK 6B			250		76.8
CK 6C			440		134
CK 8A			560		133
CK 8B			580		186
CK 10A			530		124
CK 10C			660		186
CK 12B			850		203
CK 12C			900		250
LPK4A			80		
LPK4B			150		
LPK5A			110		
LPK5B			190		
LPK6B			230		
LPK6D			270		
LPKB5A			130		47.4
LPKB5B			200		71.6
LPKB6B			210		76.9
LPKB6C			310		141
LPKB8A			460		145
LPKB8B			500		199

Remote Exterior Mounted Ventilators

KV4A			120		50.5
KV4C			190		79.4
KV5A			160		49.2
KV5C			240		79.1
KV6B			260		76.2
KV6C			470		117
KV8A			560		127
KV8B			590		177
KV10A			510		121

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

NOTE: CHANGES IN RED INDICATE RECENT REVISIONS TO THE HVI CERTIFIED HOME VENTILATING PRODUCTS DIRECTORY.

CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
KV10C			640		176
KV12B			830		205
KV12C			880		254
RS5A			90		50.0
RS5C			140		77.0
RS6A			290		97.1
RS6C			390		139
TKC300A			160		48.3
TKC300B			210		65.7
TKC300C			240		75.0
TKC400A			380		98.0
TKC400B			470		137
TKC400C			540		192
TKK300A			180		50.0
TKK300C			270		75.0
TKK400A			380		96.0
TKK400B			490		131
TKK400D			750		214

PANASONIC

Panasonic

Bathroom – Exhaust Fans (all models)

FV-05VF2	3" Duct		50	0.5	15.0
		@ 0.25" SP	31	1.1	14.8
	4" Duct		50	0.4	15.0
		@ 0.25" SP	30	0.9	14.7
FV-05VFL2	3" Duct		50	<0.3	16.6
		@ 0.25" SP	35		16.5
	4" Duct		50	<0.3	16.6
		@ 0.25" SP	35		16.5
FV-05VFL3	3" Duct		50	<0.3	15.9
		@ 0.25" SP	35	0.5	15.8
	4' Duct		50	<0.3	15.9
		@ 0.25" SP	35	0.4	15.8
FV-05VFM2	3" Duct		50	0.4	16.1
		@ 0.25" SP	34	0.8	16.0
	4" Duct		50	<0.3	16.3
		@ 0.25" SP	30	0.7	16.0
FV-05VK3			50	<0.3	4.3
		@ 0.25" SP	54	0.3	7.5
FV-05VQ5			50	<0.3	11.1
		@ 0.25" SP	36	0.4	11.7
FV-05VS1			50	0.4	17.6
		@ 0.25" SP	38	1.0	17.3
FV-08VF2	3" Duct		70	0.8	24.3
		@ 0.25" SP	53	1.1	24.0
	4" Duct		80	0.8	24.5
		@ 0.25" SP	60	1.0	24.3
FV-08VFL2	3" Duct		70	0.6	29.4
		@ 0.25" SP	57		28.7
	4" Duct		80	0.5	29.7
		@ 0.25" SP	63		29.1
FV-08VFL3	3" Duct		70	0.5	28.4
		@ 0.25" SP	60	0.8	28.0
	4" Duct		80	0.5	28.8
		@ 0.25" SP	67	0.8	28.6
FV-08VFM2	3" Duct		70	0.8	24.3
		@ 0.25" SP	56	1.0	24.0
	4" Duct		80	0.9	24.5
		@ 0.25" SP	62	1.1	24.3
FV-08VK3			80	<0.3	7.0
		@ 0.25" SP	79	0.4	11.0
FV-08VKL3			80	<0.3	7.4
		@ 0.25" SP	79	0.6	12.4
FV-08VKM2	80 CFM speed		80	<0.3	10.7
		@ 0.25" SP	81	0.7	16.4
	70 CFM speed		70	<0.3	8.7
		@ 0.25" SP	71	0.7	14.2
	60 CFM speed		60	<0.3	7.2
		@ 0.25" SP	60	0.6	11.7
	50 CFM speed		50	<0.3	6.3
		@ 0.25" SP	50	0.5	10.4
	40 CFM speed		40	<0.3	5.6
		@ 0.25" SP	40	0.5	9.2
	30 CFM speed		30	< 0.3	4.6
		@ 0.25" SP	32	0.5	8.2
FV-08VKM3	80 CFM speed		80	<0.3	7.0
		@ 0.25" SP	79	0.4	11.0
	70 CFM speed		70	<0.3	5.4
		@ 0.25" SP	75	0.4	10.1
	60 CFM speed		60	<0.3	5.0
		@ 0.25" SP	59	0.3	8.7
	50 CFM speed		50	<0.3	4.3
		@ 0.25" SP	54	0.3	7.5
	40 CFM speed		40	<0.3	3.7
		@ 0.25" SP	39	<0.3	6.6
	30 CFM speed		30	<0.3	3.2
		@ 0.25" SP	32	<0.3	5.8
FV-08VKML3	80 CFM speed		80	<0.3	7.4
		@ 0.25" SP	79	0.6	12.4
	70 CFM speed		70	<0.3	6.0
		@ 0.25" SP	78	0.6	11.6
	60 CFM speed		60	<0.3	5.3
		@ 0.25" SP	60	0.5	9.0
	50 CFM speed		50	<0.3	4.2
		@ 0.25" SP	52	0.5	7.8
	40 CFM speed		40	<0.3	3.8
		@ 0.25" SP	42	0.5	6.7
	30 CFM speed		30	<0.3	3.5
		@ 0.25" SP	35	0.5	6.2
FV-08VKS2	80 CFM speed		80	<0.3	10.6
		@ 0.25" SP	82	0.7	16.2
	70 CFM speed		70	<0.3	8.6
		@ 0.25" SP	71	0.7	14.0
	60 CFM speed		60	<0.3	7.0
		@ 0.25" SP	60	0.6	11.8
	50 CFM speed		50	<0.3	6.1
		@ 0.25" SP	50	0.5	10.2
	40 CFM speed		40	<0.3	5.6
		@ 0.25" SP	41	0.5	9.2
	30 CFM speed		30	< 0.3	4.7
		@ 0.25" SP	32		8.2

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

NOTE: CHANGES IN RED INDICATE RECENT REVISIONS TO THE HVI CERTIFIED HOME VENTILATING PRODUCTS DIRECTORY.

CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
FV-08VKS3	80 CFM speed		80	<0.3	7.0
		@ 0.25" SP	79	0.4	11.0
	70 CFM speed		70	<0.3	5.4
		@ 0.25" SP	75	0.4	10.1
	60 CFM speed		60	<0.3	5.0
		@ 0.25" SP	59	0.3	8.7
	50 CFM speed		50	<0.3	4.3
		@ 0.25" SP	54	0.3	7.5
	40 CFM speed		40	<0.3	3.7
		@ 0.25" SP	39	<0.3	6.6
	30 CFM speed		30	<0.3	3.2
		@ 0.25" SP	32	<0.3	5.8
FV-08VKSL3	80 CFM speed		80	<0.3	7.4
		@ 0.25" SP	79	0.6	12.4
	70 CFM speed		70	<0.3	6.0
		@ 0.25" SP	78	0.6	11.6
	60 CFM speed		60	<0.3	5.3
		@ 0.25" SP	60	0.5	9.0
	50 CFM speed		50	<0.3	4.2
		@ 0.25" SP	52	0.5	7.8
	40 CFM speed		40	<0.3	3.8
		@ 0.25" SP	42	0.5	6.7
	30 CFM speed		30	<0.3	3.5
		@ 0.25" SP	35	0.5	6.2
FV-08VQ5			80	<0.3	14.7
		@ 0.25" SP	62	0.4	14.5
FV-08VQC5			80	<0.3	15.8
		@ 0.25" SP	59	<0.3	15.6
FV-08VQCL5			80	<0.3	17.5
		@ 0.25" SP	62	0.4	17.6
FV-08VQL5			80	<0.3	14.9
		@ 0.25" SP	62	0.4	14.7
FV-08VRL1			80	0.8	20.5
		@ 0.25" SP	66	0.7	19.5
FV-08VS1			80	1.3	27.4
		@ 0.25" SP	71	1.5	27.6
FV-08VSL1			80	1.3	24.4
		@ 0.25" SP	67	1.5	24.9
FV-08VSL2			80	1.3	24.6
		@ 0.25" SP	67	1.5	25.0
FV-08WQ1		@ 0.03" SP	70	1.1	18.0
FV-10VS1			100	1.5	36.4
		@ .25" SP	90	1.5	36.1
FV-10VSL1			100	1.5	36.6
		@ 0.25" SP	90	2.5	36.3
FV-10VSL2			100	1.5	36.6
		@ 0.25" SP	90	2.5	36.3
FV-11VF2	3" Duct		90	1.5	33.8
		@ 0.25" SP	78	2.0	33.5
	4" Duct		110	1.5	33.5
		@ 0.25" SP	94	1.5	33.2
FV-11VFL2	3" Duct		90	1.5	33.3
		@ 0.25" SP	78		32.8
	4" Duct		110	1.3	33.6
		@ 0.25" SP	96		33.2
FV-11VFL3	3" Duct		90	1.5	33.8
		@ 0.25" SP	78	2.0	33.5
	4" Duct		110	1.3	33.0
		@ 0.25" SP	96	1.5	32.6
FV-11VH2			110	0.6	30.7
		@ 0.25" SP	89	1.0	30.5
FV-11VHL2			110	0.7	30.6
		@ 0.25" SP	89	1.0	30.5
FV-11VKL3			110	0.7	12.5
		@ 0.25" SP	108	1.1	18.0
FV-11VQ5			110	<0.3	21.1
		@ 0.25" SP	91	0.5	20.7
FV-11VQC5			110	0.3	24.3
		@ 0.25" SP	91	0.5	24.2
FV-11VQCL5			110	0.7	25.2
		@ 0.25" SP	89	0.7	25.0
FV-11VQL5			110	0.5	23.4
		@ 0.25" SP	90	0.6	23.0
FV-13VK3			130	<0.3	11.6
		@ 0.25" SP	135	0.7	21.1
FV-13VKL3			130	0.8	14.2
		@ 0.25" SP	137	1.3	24.2
FV-13VKM3	130 CFM speed		130	<0.3	11.6
		@ 0.25" SP	135	0.7	21.1
	110 CFM speed		110	<0.3	8.7
		@ 0.25" SP	111	0.6	15.1
	90 CFM speed		90	<0.3	6.0
		@ 0.25" SP	93	0.6	12.1
	70 CFM speed		70	<0.3	4.1
		@ 0.25" SP	71	0.4	9.6
	50 CFM speed		50	<0.3	2.4
		@ 0.25" SP	53	<0.3	5.8
FV-13VKML3	130 CVM speed		130	0.8	14.2
		@ 0.25" SP	137	1.3	24.2
	110 CFM speed		110	0.6	10.7
		@ 0.25" SP	115	1.2	19.4
	90 CFM speed		90	0.3	7.8
		@ 0.25" SP	91	1.1	14.9
	70 CFM speed		70	<0.3	5.9
		@ 0.25" SP	69	0.9	10.5
	50 CFM speed		50	<0.3	4.1
		@ 0.25" SP	57	0.8	8.5

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

NOTE: CHANGES IN RED INDICATE RECENT REVISIONS TO THE HVI CERTIFIED HOME VENTILATING PRODUCTS DIRECTORY.

CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
FV-13VKS3	130 CFM speed		130	<0.3	11.6
		@ 0.25" SP	135	0.7	21.1
	110 CFM speed		110	<0.3	8.7
		@ 0.25" SP	111	0.6	15.1
	90 CFM speed		90	<0.3	6.0
		@ 0.25" SP	93	0.6	12.1
	70 CFM speed		70	<0.3	4.1
		@ 0.25" SP	71	0.4	9.6
	50 CFM speed		50	<0.3	2.4
		@ 0.25" SP	53	<0.3	5.8
FV-13VKSL3	130 CVM speed		130	0.8	14.2
		@ 0.25" SP	137	1.3	24.2
	110 CFM speed		110	0.6	10.7
		@ 0.25" SP	115	1.2	19.4
	90 CFM speed		90	0.3	7.8
		@ 0.25" SP	91	1.1	14.9
	70 CFM speed		70	<0.3	5.9
		@ 0.25" SP	69	0.9	10.5
	50 CFM speed		50	<0.3	4.1
		@ 0.25" SP	57	0.8	8.5
FV-15VQ4	6" Duct		150	0.6	31.4
		@ 0.25" SP	123		30.2
FV-15VQ5			150	<0.3	28.4
		@ 0.25" SP	127	0.5	27.3
FV-15VQL5			150	0.9	31.8
		@ 0.25" SP	128	1.0	30.9
Inline Fans (all models)					
FV-10NLF1		@ 0.20" SP	120		36.2
		@ 0.30" SP	105		35.0
		@ 0.40" SP	82		33.5
FV-20NLF1		@ 0.20" SP	240		55.5
		@ 0.30" SP	220		53.5
		@ 0.40" SP	200		51.1
FV-30NLF1		@ 0.20" SP	340		95.2
		@ 0.30" SP	322		93.5
		@ 0.40" SP	302		91.5
FV-40NLF1		@ 0.20" SP	440		136
		@ 0.30" SP	421		132
		@ 0.40" SP	407		130
Other Rooms – Exhaust Fans (all models)					
FV-11VK3			110	0.3	11.5
		@ 0.25" SP	112	0.8	16.2
FV-20VQ3			190	0.8	43.7
		@ 0.25" SP	145	1.4	42.9
FV-30VQ3			290	2.0	64.0
		@ 0.25" SP	257		62.0
FV-40VQ3			390	3.0	112
		@ 0.25" SP	359	3.0	110

PRIME INDUSTRIAL PRODUCTS INC.

Ekolos

Bathroom – Exhaust Fans (all models)

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
FQB50			50	<0.3	24.7
FQB70			70	<0.3	24.5
FQB90			90	0.8	28.4
FQB110			110	1.1	35.1
FQB130			130	1.5	40.8
FVB50			50	0.8	27.7

PRIME INDUSTRIAL PRODUCTS INC.

PRIME

Bathroom – Exhaust Fans (all models)

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
PME 50			50	<0.3	24.7
PME 70			70	<0.3	24.5
PME 90			90	0.8	28.4
PME 110			110	1.1	35.1
PME130			130	1.5	40.8
PQ 50			50	0.8	27.7
Inline Fans (all models)					
PIL 150			120		80.4
PIL 200			180		105
PIL 250			240		101
PIL 300			210		91.7
PIL 550			470		238
PIL 600			590		232
PIL 850			720		210

PROGRESS LIGHTING

Progress Lighting

Bathroom – Exhaust Fans (all models)

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
PV-008-09STRWB			70	1.3	33.0
		@ 0.25" SP	56		
PV-008-74STRWB			70	1.3	33.0
		@ 0.25" SP	56		
PV020-30			80	1.0	27.1
		@ 0.25" SP	58		
PV021-30WB			80	1.0	27.2

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Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

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CERTIFIED VENTILATING FAN PRODUCTS

QINGDAO XINGBANG

Sterling

Bathroom – Exhaust Fans (all models)

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
E080XB03			90	0.3	31.8
		@ 0.25" SP	60		
E080XB08			90	0.7	33.3
		@ 0.25" SP	68		
E110XB07			110	0.6	35.8
		@ 0.25" SP	87		
E110XB07A			120	1.2	36.6
		@ 0.25" SP	100		
N080XB10			80	0.7	
N090XB30			90	3.0	
N110XB15			110	1.5	
N110XB40			100	4.0	
S70			70	3.5	63.0
SE80			90	0.7	33.3
		@ 0.25" SP	68		
SE80H			90	0.7	33.3
		@ 0.25" SP	68		
SE80L			90	0.7	33.3
		@ 0.25" SP	68		
SE80Q			80	0.3	31.8
		@ 0.25" SP	60		
SE80QL			90	0.3	31.5
		@ 0.25" SP	67		
SE90			90	0.7	33.3
		@ 0.25" SP	68		
SE90H			90	0.7	33.3
		@ 0.25" SP	68		
SE90L			90	0.7	33.3
		@ 0.25" SP	68		
SE90LH			90	0.7	33.3
		@ 0.25" SP	68		
SE90Q			90	0.3	31.8
		@ 0.25" SP	67		
SE90QH			90	0.3	31.8
		@ 0.25" SP	67		
SE90QL			90	0.3	31.8
		@ 0.25" SP	67		
SE100			100	0.6	35.8
		@ 0.25" SP	87		
SE110			110	0.6	35.8
		@ 0.25" SP	87		
SE110H			110	0.6	35.8
		@ 0.25" SP	87		
SE110L			110	0.6	35.8
		@ 0.25" SP	87		
SE110LH			110	0.6	35.8
		@ 0.25" SP	87		
SE110X			110	0.6	35.8
		@ 0.25" SP	87		
SE110XL			110	0.6	35.8
		@ 0.25" SP	87		
SE120			120	1.2	36.6
		@ 0.25" SP	100		
SE120H			120	1.2	36.6
		@ 0.25" SP	100		
SE120L			120	1.2	36.6
		@ 0.25" SP	100		
SE120LH			120	1.2	36.6
		@ 0.25" SP	100		
SE120M			120	1.2	36.6
		@ 0.25" SP	100		
SE140			150	1.1	41.2
		@ 0.25" SP	131		
SE140L			150	1.1	41.2
		@ 0.25" SP	131		
SE150			150	1.1	41.2
		@ 0.25" SP	131		
SN50			50	0.6	16.2
SN60			60	1.4	64.6
SN80			80	1.1	28.6
		@ 0.25" SP	50		
SN90			90	1.5	65.8
SN90L			90	3.0	
SN100			100	1.5	65.8
SN100L			100	4.0	
SN110			110	1.5	
SN110L			110	1.5	

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

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CERTIFIED VENTILATING FAN PRODUCTS

RENEWAIRE LLC

RenewAire

Bathroom – Exhaust Fans (all models)

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
V50			50	<0.3	12.9
		@ 0.25" SP	31		11.8
V80			80	<0.3	16.1
		@ 0.25" SP	60		15.2
V110			110	0.8	24.2
		@ 0.25" SP	93		23.0
V150			150	<0.3	32.7
		@ 0.25" SP	110		32.0

REVERSOMATIC HEATING AND MANUFACTURING, LTD.

Air Specialty Canada, Ltd.

Inline Fans (all models)

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
SMP260			200		
SMP350			290		

Kitchen Range Hoods – Ducted & Convertible

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
2000-200			200	5.5	
4000-200			200	5.5	

REVERSOMATIC HEATING AND MANUFACTURING, LTD.

Apollo

Bathroom – Exhaust Fans (all models)

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
CF-170BC			160	1.5	42.2
		@ 0.25" SP	131		38.9
QB-80 BC			60	0.6	30.5
		@ 0.25" SP	40		
QCF-130 BC			120	1.3	35.4
		@ 0.25" SP	103		
QK-130 BC			100	1.5	28.6
		@ 0.25" SP	83		27.0

Inline Fans (all models)

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
TLD-200BC			220		74.4

Other Rooms – Exhaust Fans (all models)

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
EB-50			40	2.5	
EB-60			40	2.5	
EB-70			60	3.5	
EB-80			80	2.5	
EB-100			100	3.0	
QB-80			60	2.0	39.5
QB-80LT			60	0.6	31.5
QB-100			100	2.5	
QB130			110	2.0	
QB-150			130	4.5	
QCF-95			80	1.5	
QCF-125			110	2.0	
QCF-125CO			110	2.0	
QCF-145			130	2.5	
QCF170			140	2.5	
QCF-200			200	4.0	
QCF-300			280	4.0	
QCF-400			350	4.0	
QCF-500			500	4.0	
QCF-600			640	5.5	
QCF-800			690	6.0	

REVERSOMATIC HEATING AND MANUFACTURING, LTD

Marley

Other Rooms – Exhaust Fans (all models)

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
610FRD			100	3.0	
650FRD			40	2.5	
680FRD			80	2.5	

REVERSOMATIC HEATING AND MANUFACTURING, LTD.

Reversomatic

Bathroom – Exhaust Fans (all models)

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
CF-170ES			160	1.5	42.2
		@ 0.25" SP	131		38.9
QB-80			60	2.0	40.0
		@ 0.25" SP	43		
QCF-80ES			80	0.3	22.8
		@ 0.25" SP	69		22.3
QCF-80ES (S)			100	0.9	27.3
		@ 0.25" SP	88		27.2
QCF-110ES			110	1.2	33.2
		@ 0.25" SP	95		30.4
QCF-125ES			110	2.0	36.0
		@ 0.25" SP	90		35.1
QCF-130ES			120	1.3	35.4
		@ 0.25" SP	103		34.0
QK-130ES			100	1.5	28.6
		@ 0.25" SP	83		27.0

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

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CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
QK-150ES			130	1.0	38.4
		@ 0.25" SP	116		37.3
QK-160ES			150	0.9	40.4
		@ 0.25" SP	132		39.0
QK-180ES			180	1.5	50.9
		@ 0.25" SP	157		50.4
Inline Fans (all models)					
DK260			230		
RI150			130		
RI200			170		
RI250			190		
SMP260			200		
SMP350			290		
TL-240			210		
TL-240ES			210		71.2
TL-340			330		106
TLD200			180		
TLD200BC			180		
TLD200ES			220		74.4
TLD300			270		
Kitchen - Exhaust Fans					
QK-100			130	4.5	
Other Rooms – Exhaust Fans (all models)					
B50-P			40	2.5	
CF100	HS+		160	4.5	
	LS+		80	1.0	
CF130			110	2.0	
CF170			140	2.5	
EB-45			40	2.5	
EB-50			40	2.5	
EB-55			60	3.5	
EB-100			100	3.0	
LSF80	HS+		90	1.0	
	LS+		50	0.7	
QB-100S			100	2.5	
QCF-110			100	1.0	
QCF-125			110	2.0	
QCF-150			130	2.5	
QCF-200			200	4.0	
QCF-300			280	4.0	
QCF-400			350	4.0	
QCF-500			500	4.0	
QCF-600			640	5.5	
QCF-800			690	6.0	
RS-85			80	2.5	
RS-95			80	1.5	
RS-90			90	2.5	49.0
RS-100			100	2.5	
Kitchen Range Hoods – Ducted & Convertible					
1000-225			230	11.0	
1000-160			140		
1000-160N			140		
1000-200			200	8.0	50.5
2000-200			160	6.0	
3000-300			250	6.0	
4000-200			200	5.5	
4000-250ES2	Ver. HS+		210	3.5	76.8
	Ver. HS+	@ 0.25" SP	166		73.4
	Ver. WS+		120	2.0	38.7
	Hor. HS+		230	3.0	77.3
	Hor. HS+	@ 0.25" SP	183		74.0
	Hor. WS+		100	1.5	30.2

REVERSOMATIC HEATING AND MANUFACTURING, LTD.

Softaire

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
Bathroom – Exhaust Fans (all models)					
SA-50D			60	<0.3	19.0
		@ 0.25" SP	39		
SA-50E			50	2.0	35.4
		@ 0.25" SP	39		34.9
SA-70D			80	0.3	22.8
		@ 0.25" SP	59		21.0
SA-90S			110	1.0	27.4
		@ 0.25" SP	90		26.5
SA-90SM			110	1.0	27.4
		@ 0.25" SP	90		26.5
SA-150S			170	1.5	46.8
		@ 0.25" SP	152		45.6
SA-200S			210	3.0	72.2
		@ 0.25" SP	181		

RHEEM

Rheem

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
Integrated Supply & Exhaust Ventilators					
84-HRV-HEPA3	Gross Airflow-Recirculation	@ 0.20" SP	277		237.0
	Net Ventilation Airflow	@ 0.20" SP	110		237.0
	Gross Airflow-Recirculation	@ 0.40" SP	252		229.0
	Net Ventilation Airflow	@ 0.40" SP	103		229.0
84-HRV-HEPA4	Gross Airflow-Recirculation	@ 0.20" SP	270		227.0
	Net Ventilation Airflow	@ 0.20" SP	122		227.0
	Gross Airflow-Recirculation	@ 0.40" SP	254		224.0
	Net Ventilation Airflow	@ 0.40" SP	113		224.0

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

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CERTIFIED VENTILATING FAN PRODUCTS

RONA

Uberhaus Design

Kitchen Range Hoods – Ducted & Convertible

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
FSD-B02	Ver. Rd. HS+		350	7.0	190
	Ver. Rd. MS+		250	4.5	145
	Ver. Rd. WS+		180	2.0	120

SOLER & PALAU

Soler & Palau

Inline Fans (all models)

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
PV-100	HS+	@ 0.20" SP	100		
	HS+	@ 0.40" SP	88		
	HS+	@ 0.60" SP	78		
PV-100X	HS+	@ 0.20" SP	130		
	HS+	@ 0.40" SP	115		
	HS+	@ 0.60" SP	101		
PV-125	HS+	@ 0.20" SP	110		
	HS+	@ 0.40" SP	86		
	HS+	@ 0.60" SP	69		
PV-125X	HS+	@ 0.20" SP	170		
	HS+	@ 0.40" SP	144		
	HS+	@ 0.60" SP	116		
PV-150	HS+	@ 0.20" SP	230		
	HS+	@ 0.40" SP	200		
	HS+	@ 0.60" SP	161		
PV-150X	HS+	@ 0.20" SP	350		125
	HS+	@ 0.40" SP	305		
	HS+	@ 0.60" SP	260		
PV-200	HS+	@ 0.20" SP	380		
	HS+	@ 0.40" SP	325		
	HS+	@ 0.60" SP	274		
PV-200X	HS+	@ 0.20" SP	490		175
	HS+	@ 0.40" SP	436		
	HS+	@ 0.60" SP	366		
PV-250	HS+	@ 0.20" SP	510		
	HS+	@ 0.40" SP	457		
	HS+	@ 0.60" SP	410		
PV-250X	HS+	@ 0.20" SP	570		200
	HS+	@ 0.40" SP	525		
	HS+	@ 0.60" SP	478		
PV-315	HS+	@ 0.20" SP	620		
	HS+	@ 0.40" SP	572		
	HS+	@ 0.60" SP	525		
PVR-100	HS+	@ 0.20 » SP	170		98.0
TD100	HS+	@ 0.20" SP	70		23.5
	LS+	@ 0.20" SP	60		21.4
TD100X	HS+	@ 0.20" SP	100		27.0
	LS+	@ 0.20" SP	60		18.8
TD100XS	5" duct HS+	@ 0.20" SP	150		35.4
	5" duct LS+	@ 0.20" SP	80		20.0
	4" duct HS+	@ 0.20" SP	100		34.5
	4" duct LS+	@ 0.20" SP	60		19.8
TD125	HS+	@ 0.20" SP	180		42.9
	LS+	@ 0.20" SP	110		27.1
TD150	HS+	@ 0.20" SP	260		62.7
	LS+	@ 0.20" SP	170		51.6
TD150S	HS+	@ 0.20" SP	300		64.5
	LS+	@ 0.20" SP	190		54.5
TD200	HS+	@ 0.20" SP	470		98.6
	LS+	@ 0.20" SP	390		81.3
TD200S	HS+	@ 0.20" SP	480		123
	LS+	@ 0.20" SP	350		110
TD250	HS+	@ 0.20" SP	690		240
	LS+	@ 0.20" SP	430		160
TD315	HS+	@ 0.20" SP	950		315
	LS+	@ 0.20" SP	600		207

Remote Exterior Mounted Ventilators

MODEL OR SERIES	STATIC * PRESSURE**	CFM**	SONES	WATTS
SWF-100		100		
	@ 0.20" SP	90		
SWF-100X		160		
	@ 0.20" SP	154		
SWF-150		220		
	@ 0.20" SP	203		
SWF-150X		330		
	@ 0.20" SP	314		
SWF-200		390		
	@ 0.20" SP	373		

SPRUCE ENVIRONMENTAL TECHNOLOGIES

HomeAire

Inline Fans (all models)

MODEL OR SERIES	STATIC * PRESSURE**	CFM**	SONES	WATTS
ADC-4	@ 0.20" SP	110		20.8
	@ 0.50" SP	70		20.7
ADC-5	@0.20" SP	150		71.2
	@0.50" SP	126		69.1
	@1.00" SP	82		63.0
ADC-6	@ 0.20" SP	230		74.7
	@ 0.50" SP	176		74.4
	@ 1.00" SP	89		71.0

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

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CERTIFIED VENTILATING FAN PRODUCTS

SPRUCE ENVIRONMENTAL TECHNOLOGIES

RadonAway

Inline Fans (all models)

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
RP140		@ 0.20" SP	110		20.8
		@ 0.50" SP	70		20.7
RP145		@0.20" SP	150		71.2
		@0.50" SP	126		69.1
		@1.00" SP	82		63.0
RP260		@ 0.20" SP	230		74.7
		@ 0.50" SP	176		74.4
		@ 1.00" SP	89		71.0
RP265		@ 0.20" SP	300		128
		@ 0.50" SP	247		128
		@ 1.00" SP	176		127
RP380		@ 0.20" SP	450		140.0
		@ 0.50" SP	353		148.0
		@ 1.00" SP	220		148.0

SPRUCE ENVIRONMENTAL TECHNOLOGIES

Spruce

Inline Fans (all models)

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
RB110		@ 0.20" SP	100		19.4
		@ 0.50" SP	68		19.1
RB275		@ 0.20" SP	230		74.7
		@ 0.50" SP	176		74.4
		@ 1.00" SP	89		71.0
RB300		@ 0.20" SP	270		86.3
		@ 0.50" SP	211		86.7
		@ 1.00" SP	135		84.5
RB350		@ 0.20" SP	300		128
		@ 0.50" SP	247		128
		@ 1.00" SP	176		127
RB400		@ 0.20" SP	450		140
		@ 0.50" SP	353		148
		@ 1.00" SP	220		148
RB500		@ 0.20" SP	500		133
		@ 0.50" SP	420		144
		@ 1.00" SP	275		151
RL200		@ 0.20" SP	150		
		@ 0.50" SP	123		
		@ 1.00" SP	76		
RL300		@ 0.20" SP	240		77.7
		@ 0.60" SP	179		78.9
		@ 1.00" SP	117		74.8
RL350		@ 0.20" SP	280		84.2
		@ 0.50" SP	238		88.2
		@ 1.00" SP	164		89.0
RL450		@ 0.20" SP	460		130
		@ 0.50" SP	371		150
		@ 1.00" SP	241		150
RL500		@ 0.20" SP	500		133
		@ 0.50" SP	419		143
		@ 1.00" SP	275		153
RL600		@ 0.20" SP	610		199
		@ 0.50" SP	511		206
		@ 1.00" SP	332		215
RV100		@ 0.20" SP	100		
		@ 0.50" SP	71		
		@ 1.00" SP	18		
RV125		@ 0.20" SP	110		
		@ 0.50" SP	98		
		@ 1.00" SP	71		
RV150		@ 0.20" SP	140		
		@ 0.50" SP	119		
		@ 1.00" SP	76		
RV175		@ 0.20" SP	160		
		@ 0.50" SP	136		
		@ 1.00" SP	80		
RV200		@ 0.20" SP	170		
		@ 0.50" SP	144		
		@ 1.00" SP	87		
RV250		@ 0.20" SP	190		
		@ 0.50" SP	149		
		@ 1.00" SP	93		

STELPRO DESIGN, INC.

Stelpro Design

Bathroom – Exhaust Fans (all models)

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
BSFQ 050			50	0.3	26.5
		@ 0.25" SP	30		
BSFQ 080			80	0.6	28.8
		@ 0.25" SP	50		
BSFQ 110			110	1.2	34.6
		@ 0.25" SP	90		
BSFQ 150L5			150	1.1	39.2
		@ 0.25" SP	120		
BSFQ 180L5			180	1.5	51.4
		@ 0.25" SP	150		
SBF050			50	1.7	42.0
SBF050FR6			50	1.7	54.6
SBF050M06			50	1.7	54.6
SBF070			70	3.0	56.5

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

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CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
SBF070FR6			70	3.0	73.1
SBF070M06			70	3.0	73.1
SBF090			90	2.5	31.1
SBF090FR6			90	2.5	90.2
SBF090M06			90	2.5	90.2
SBF120			120	4.0	42.4
SBFHL070			70	5.0	45.9
SBFL070			70	3.0	56.5
SPBF050			50	0.6	25.5
SPBF070			70	1.5	26.1
SQBF070			70	<0.3	17.2
SQBF090			90	0.7	23.7
SQBF110			110	1.3	28.2
SQBF140			140	1.5	41.0
SQBF160			160	2.5	54.0
SQBFL110			110	1.3	27.3
Kitchen Range Hoods – Ducted & Convertible					
SHR200	Hor.		175	7.5	
	Ver.		170	7.0	
	Ver. Round		210	8.0	

SUPERFAN CORPORPORATION

Superfan

Whole House Comfort Ventilators

Superfan	@ 0.1" SP	1850
	@ 0.2" SP	1810
	@ 0.5" SP	1694

SYSTEMAIR MFG INC.

Fantech

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
Bathroom – Exhaust Fans (all models)					
FQ80			80	<0.3	23.4
		@ 0.25" SP	60		
FQ80FL			80	0.4	23.7
		@ 0.25" SP	60		23.0
FQ110			110	0.7	28.1
		@ 0.25" SP	85		28.0
FQ110FL			110	1.3	29.4
		@ 0.25" SP	85		28.5
Inline Fans (all models)					
BFRK100		@ 0.20" SP	110		21.1
		@ 0.40" SP	83		21.1
		@ 0.60" SP	60		20.3
CVS275A		@ 0.20" SP	220		92.0
		@ 0.40" SP	192		90.0
		@ 0.60" SP	171		90.0
CVS300A		@ 0.20" SP	320		123.0
		@ 0.40" SP	283		123.0
		@ 0.60" SP	249		123.0
CVS400A		@ 0.20" SP	380		156.0
		@ 0.40" SP	352		157.0
		@ 0.60" SP	324		157.0
DBF4XL		@ 0.20" SP	150		71.0
		@ 0.40" SP	134		70.0
		@ 0.60" SP	119		69.0
DBF4XLT		@ 0.20" SP	150		71.0
		@ 0.40" SP	134		70.0
		@ 0.60" SP	119		69.0
DBF110		@ 0.20" SP	150		80.0
		@ 0.40" SP	133		79.0
		@ 0.60" SP	113		78.0
DLX150FL		@ 0.20" SP	230		71.0
		@ 0.40" SP	198		72.0
		@ 0.60" SP	167		73.0
FG4		@ 0.20" SP	110		20.7
		@ 0.40" SP	83		20.2
		@ 0.60" SP	55		18.1
FG4XL		@ 0.20" SP	150		71.0
		@ 0.40" SP	134		70.0
		@ 0.60" SP	119		69.0
FG5		@ 0.20" SP	130		20.4
		@ 0.40" SP	99		21.2
		@ 0.60" SP	66		20.3
FG5XL		@ 0.20" SP	190		73.0
		@ 0.40" SP	160		72.0
		@ 0.80" SP	113		68.0
FG6		@ 0.20" SP	270		73.6
		@ 0.40" SP	232		75.3
		@ 0.80" SP	164		70.6
FG6M		@ 0.20" SP	370		122
		@ 0.40" SP	317		124
		@ 0.80" SP	224		124
FG 6M EC		@ 0.20" SP	330		79.1
FG6S		@ 0.20" SP	200		69.1
		@ 0.40" SP	152		69.8
		@ 0.60" SP	121		68.1
FG6XL		@ 0.20" SP	450		157
		@ 0.40" SP	409		160
		@ 1.25" SP	243		158
FG8		@ 0.20" SP	410		121
		@ 0.40" SP	351		124
		@ 0.80" SP	243		125
FG 8 EC		@ 0.20" SP	380		73.9
FG8XL		@ 0.20" SP	470		145
		@ 0.60" SP	388		156
		@ 1.25" SP	266		159

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

NOTE: CHANGES IN RED INDICATE RECENT REVISIONS TO THE HVI CERTIFIED HOME VENTILATING PRODUCTS DIRECTORY.

CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
FG10		@ 0.20" SP	480		141
		@ 0.60" SP	407		153
		@ 1.25" SP	269		158
FG 10 EC		@ 0.20" SP	460		93.6
FG10XL		@ 0.20" SP	560		200
		@ 0.80" SP	472		211
		@ 1.75" SP	306		209
FG12		@ 0.20" SP	680		184
		@ 0.80" SP	433		204
		@ 1.25" SP	290		203
FG 12 EC		@ 0.20" SP	600		142
FG12XL		@ 0.20" SP	880		306
		@ 0.80" SP	670		326
		@ 1.25" SP	504		330
FG 12XL EC		@ 0.20" SP	750		172
FGC 6M EC		@ 0.20"SP	330		75.3
FGC4		@ 0.20"SP	110		20.7
		@ 0.40" SP	83		20.2
		@ 0.60" SP	55		19.0
FGC5		@ 0.20" SP	130		20.4
		@ 0.40" SP	99		21.2
		@ 0.60" SP	66		20.3
FGC6		@ 0.20" SP	270		73.6
		@ 0.40" SP	232		75.3
		@ 0.80" SP	164		74.2
FGC6M		@ 0.20" SP	370		122
		@ 0.40" SP	317		124
		@ 0.80" SP	224		124
FGC6MEC		@ 0.20" SP	330		79.1
FGC6S		@ 0.20" SP	200		69.1
		@ 0.40" SP	152		69.8
		@ 0.60" SP	121		68.1
FGC6XL		@ 0.20" SP	450		154
		@ 0.40" SP	409		160
		@ 1.25" SP	243		158
FGC8		@ 0.20" SP	410		121
		@ 0.40" SP	351		124
		@ 0.80" SP	243		128
FGC 8 EC		@ 0.20" SP	380		73.9
FGC8XL		@ 0.20" SP	470		145
		@ 0.60" SP	388		156
		@ 1.25 " SP	266		159
FGC10		@ 0.20" SP	480		141
		@ 0.60" SP	407		153
		@ 1.25" SP	269		158
FGC 10 EC		@ 0.20" SP	460		93.6
FGC10XL		@ 0.20" SP	560		200
		@ 0.80" SP	472		211
		@ 1.75" SP	306		209
FGC12		@ 0.20" SP	680		184
		@ 0.80" SP	433		204
		@ 1.25" SP	290		203
FGC12XL		@ 0.20" SP	880		306
		@ 0.80" SP	670		326
		@ 1.25" SP	504		330
FR100		@ 0.20" SP	90		19.4
		@ 0.40" SP	71		19.1
		@ 0.60" SP	52		18.1
FR110		@ 0.20" SP	150		80.0
		@ 0.40" SP	133		79.0
		@ 0.60" SP	113		78.0
FR125		@ 0.20" SP	120		18.0
		@ 0.40" SP	88		18.0
		@ 0.60" SP	47		17.0
FR140		@ 0.20" SP	200		62.0
		@ 0.40" SP	170		63.0
		@ 0.60" SP	138		61.8
FR150		@ 0.20" SP	230		72.5
		@ 0.40" SP	198		73.0
		@ 0.60" SP	167		73.5
FR160		@ 0.20" SP	260		129.0
		@ 0.40" SP	233		129.0
		@ 0.60" SP	206		130.0
FR200		@ 0.20" SP	360		123
		@ 0.40" SP	308		127
		@ 0.60" SP	259		128
FR225		@ 0.20" SP	400		137
		@ 0.40" SP	367		141
		@ 0.60" SP	334		145
FR250		@ 0.20" SP	600		241.0
		@ 0.40" SP	553		246.0
		@ 0.60" SP	506		249.0
FX4		@ 0.20" SP	110		20.0
		@ 0.40" SP	83		20.0
		@ 0.60" SP	55		18.0
FX4XL		@ 0.20" SP	150		71.0
		@ 0.40" SP	134		70.0
		@ 0.60" SP	119		69.0
FX5		@ 0.20" SP	130		20.0
		@ 0.40" SP	100		21.0
		@ 0.60" SP	66		20.0
FX5XL		@ 0.20" SP	190		73.0
		@ 0.40" SP	160		72.0
		@ 0.80" SP	113		68.0

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

NOTE: CHANGES IN RED INDICATE RECENT REVISIONS TO THE HVI CERTIFIED HOME VENTILATING PRODUCTS DIRECTORY.

CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
FX6		@ 0.20" SP	270		72.0
		@ 0.40" SP	232		74.0
		@ 0.80" SP	164		73.0
FX6XL		@ 0.20" SP	450		153.0
		@ 0.40" SP	409		158.0
		@ 1.25" SP	243		156.0
FX8		@ 0.20" SP	410		119.0
		@ 0.40" SP	351		122.0
		@ 0.80" SP	243		122.0
FX8XL		@ 0.20" SP	470		142.0
		@ 0.60" SP	388		153.0
		@ 1.25" SP	266		157.0
FX10		@ 0.20" SP	480		138.0
		@ 0.60" SP	407		150.0
		@ 1.25" SP	269		155.0
FX10XL		@ 0.20" SP	560		196.0
		@ 0.80" SP	472		207.0
		@ 1.75" SP	306		208.0
FX12		@ 0.20" SP	680		181.0
		@ 0.80" SP	434		202.0
		@ 1.25" SP	290		201.0
FX12XL		@ 0.20" SP	880		301.0
		@ 0.80" SP	670		320.0
		@ 1.25" SP	505		325.0
HP190		@ 0.20" SP	140		
PB100		@ 0.20" SP	110		21.1
		@ 0.40" SP	83		21.1
		@ 0.60" SP	60		20.3
PB100F		@ 0.20" SP	110		21.1
		@ 0.40" SP	83		21.1
		@ 0.60" SP	60		20.3
PB100H		@ 0.20" SP	110		21.1
		@ 0.40" SP	83		21.1
		@ 0.60" SP	60		20.3
PB110		@ 0.20" SP	110		20.7
		@ 0.40" SP	83		20.2
		@ 0.60" SP	55		19.0
PB110F		@ 0.20" SP	110		20.0
		@ 0.40" SP	83		20.0
		@ 0.60" SP	55		18.0
PB190		@ 0.20" SP	200		69.1
		@ 0.40" SP	152		69.8
		@ 0.60" SP	121		68.1
PB230-2		@ 0.20" SP	230		71.0
		@ 0.40" SP	198		72.0
		@ 0.60" SP	167		73.0
PB230F-2		@ 0.20" SP	230		71.0
		@ 0.40" SP	198		72.0
		@ 0.60" SP	167		73.0
PB230FV-2		@ 0.20" SP	230		71.0
		@ 0.40" SP	198		72.0
		@ 0.60" SP	167		73.0
PB230H-2		@ 0.20" SP	230		71.0
		@ 0.40" SP	198		72.0
		@ 0.60" SP	167		73.0
PB230HV-2		@ 0.20" SP	230		71.0
		@ 0.40" SP	198		72.0
		@ 0.60" SP	167		73.0
PB270-2		@ 0.20" SP	270		73.6
		@ 0.40" SP	232		75.3
		@ 0.80" SP	164		74.2
PB270F-2		@ 0.20" SP	270		72.0
		@ 0.40" SP	232		74.0
		@ 0.80" SP	164		73.0
PB270FV-2		@ 0.20" SP	270		72.0
		@ 0.40" SP	232		74.0
		@ 0.80" SP	164		73.0
PB360-2		@ 0.20" SP	360		122.0
		@ 0.40" SP	308		125.0
		@ 0.60" SP	259		127.0
PB370-2		@ 0.20" SP	370		122
		@ 0.40" SP	317		124
		@ 0.80" SP	224		124
Remote Exterior Mounted Ventilators					
PBW110		@ 0.10" SP	120		18.2
		@ 0.20" SP	112		18.6
		@ 0.6" SP	37		17.6
PBW110F		@ 0.10" SP	120		18.0
		@ 0.20" SP	112		19.0
		@ 0.40" SP	83		19.0
PBW110H		@ 0.10" SP	120		18.0
		@ 0.20" SP	112		19.0
		@ 0.40" SP	83		19.0
RE54		@ 0.10" SP	100		18.4
		@ 0.20" SP	91		18.7
		@ 0.50" SP	61		18.3
REC54		@ 0.10" SP	100		18.4
		@ 0.20" SP	91		18.7
		@ 0.50" SP	61		18.3
RVF4		@ 0.10" SP	120		18.2
		@ 0.20" SP	112		18.6
		@ 0.60" SP	37		17.6
RVF4XL		@ 0.10" SP	180		91.0
		@ 0.40" SP	154		91.0
		@ 0.60" SP	136		90.0
RVF6		@ 0.10" SP	220		92.0
		@ 0.40" SP	177		91.0
		@ 0.60" SP	150		91.0

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Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

NOTE: CHANGES IN RED INDICATE RECENT REVISIONS TO THE HVI CERTIFIED HOME VENTILATING PRODUCTS DIRECTORY.

CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
RVF6XL		@ 0.10" SP	360		149
		@ 0.40" SP	315		153
		@ 0.60" SP	285		156
RVF8XL		@ 0.10" SP	410		152
		@ 0.40" SP	348		154
		@ 0.60" SP	312		154
Whole House Comfort Ventilators					
1WHS24BD			2620		
1WHS24DD			3300		
1WHS30BD			5250		
1WHS30DD			4740		
1WHS36BD			9200		
1WHS42BD			6550		

SYSTEMAIR MFG INC.

Systemair

Inline Fans (all models)				
K 4 EF	@ 0.20" SP	110		20.7
	@ 0.40" SP	83		20.2
	@ 0.6" SP	55		19.0
K 5 EF	@ 0.20" SP	130		20.4
	@ 0.40" SP	99		21.2
	@ 0.60" SP	66		20.3
K 6 EF	@ 0.20" SP	270		73.6
	@ 0.40" SP	232		75.3
	@ 0.80" SP	164		74.2
K 6XL EF	@ 0.20" SP	450		157
	@ 0.4" SP	409		160
	@ 1.25" SP	243		158
K 6M EC	@ 0.20" SP	330		79.1
K 8 EC	@ 0.20" SP	380		73.9
K 8 EF	@ 0.20" SP	410		121
	@ 0.40" SP	351		124
	@ 0.60" SP	243		125
K 8XL EF	@ 0.20" SP	470		145
	@ 0.60" SP	388		156
	@ 1.25" SP	266		159
K 10 EC	@ 0.20" SP	460		93.6
K 10 EF	@ 0.20" SP	480		141
	@ 0.60" SP	407		153
	@ 1.25" SP	269		158
K 10XL EF	@ 0.20" SP	560		200
	@ 0.80" SP	472		211
	@ 1.75" SP	306		209
K 12 EC	@ 0.20" SP	600		142
K 12 EF	@ 0.20" SP	680		184
	@ 0.80" SP	433		204
	@ 1.25" SP	290		203
K 12XL EC	@ 0.20" SP	750		172
K 12XL EF	@ 0.20" SP	880		306
	@ 0.80" SP	670		326
	@ 1.25" SP	504		330
K 150M EC	@ 0.20" SP	330		75.3
K 200 EC	@ 0.20" SP	380		70.4
K 250 EC	@ 0.20" SP	460		89.2
K 300 EC	@ 0.20" SP	600		135
K 300XL EC	@ 0.20" SP	750		164
KC 6M EC	@ 0.20" SP	330		79.1
KC 8 EC	@ 0.20" SP	380		73.9
KC 10 EC	@ 0.20" SP	460		89.2
KC 150M EC	@ 0.20" SP	330		75.3
KC 200 EC	@ 0.20" SP	380		70.4
KC 250 EC	@ 0.20" SP	460		89.2
Remote Exterior Mounted Ventilators				
RVF 4-EF	@ 0.10" SP	120		18.2
	@ 0.20" SP	112		18.6
	@ 0.60" SP	37		17.6
TFER 5-EF	@ 0.10" SP	100		18.4
	@ 0.20" SP	91		18.7
	@ 0.50" SP	61		18.6

TOTALINE

Totaline

Inline Fans (all models)				
P451-REG100	@ 0.20" SP	110		21.1
	@ 0.40" SP	83		21.1
	@ 0.60" SP	60		20.3
P451-REG140	@ 0.20" SP	190		61.0
	@ 0.40" SP	162		62.0
	@ 0.60" SP	132		61.0
P451-DLX150	@ 0.20" SP	230		71.0
	@ 0.40" SP	198		72.0
	@ 0.60" SP	167		73.0

VENMAR VENTILATION, INC.

Eurodesign

Kitchen Range Hoods – Ducted & Convertible				
ED37030BL	Ver. HS+	310		8.5
	Ver. LS+	100		0.7
	Hor. HS+	390		8.0
	Hor. LS+	100		0.7

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

NOTE: CHANGES IN RED INDICATE RECENT REVISIONS TO THE HVI CERTIFIED HOME VENTILATING PRODUCTS DIRECTORY.

CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
ED37030BLD	Ver. HS+		310	8.5	
	Ver. LS+		100	0.7	
	Hor. HS+		390	8.0	
	Hor. LS+		100	0.7	
ED37030SS	Ver. HS+		310	8.5	
	Ver. LS+		100	0.7	
	Hor. HS+		390	8.0	
	Hor. LS+		100	0.7	
ED37030SSD	Ver. HS+		310	8.5	
	Ver. LS+		100	0.7	
	Hor. HS+		390	8.0	
	Hor. LS+		100	0.7	
ED37030WH	Ver. HS+		310	8.5	
	Ver. LS+		100	0.7	
	Hor. HS+		390	8.0	
	Hor. LS+		100	0.7	
ED37030WHD	Ver. HS+		310	8.5	
	Ver. LS+		100	0.7	
	Hor. HS+		390	8.0	
	Hor. LS+		100	0.7	
ED600E30BL	Ver. HS+		470	10.5	
	Ver. LS+		120	0.7	
	Hor. HS+		670	10.0	
	Hor. LS+		120	0.5	
ED600E30BLD	Ver. HS+		470	10.5	
	Ver. LS+		120	0.7	
	Hor. HS+		670	10.0	
	Hor. LS+		120	0.5	
ED600E30SS	Ver. HS+		470	10.5	
	Ver. LS+		120	0.7	
	Hor. HS+		670	10.0	
	Hor. LS+		120	0.5	
ED600E30SSD	Ver. HS+		470	10.5	
	Ver. LS+		120	0.7	
	Hor. HS+		670	10.0	
	Hor. LS+		120	0.5	
ED600E30WH	Ver. HS+		470	10.5	
	Ver. LS+		120	0.7	
	Hor. HS+		670	10.0	
	Hor. LS+		120	0.5	
ED600E30WHD	Ver. HS+		470	10.5	
	Ver. LS+		120	0.7	
	Hor. HS+		670	10.0	
	Hor. LS+		120	0.5	
ED65030SS	Ver. HS+		490	10.5	
	Hor. HS+		600	10.5	
ED65030SSD	Ver. HS+		490	10.5	
	Hor. HS+		600	10.5	
ED65030WH	Ver. HS+		490	10.5	
	Hor. HS+		600	10.5	
ED65030WHD	Ver. HS+		490	10.5	
	Hor. HS+		600	10.5	
ED65036SS	Ver. HS+		490	10.5	
	Hor. HS+		600	10.5	

VENMAR VENTILATION, INC.

Kenmore

Kitchen Range Hoods

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
31000	Ver. HS+		250	6.0	
	Ver. WS+		120	1.1	36.3
	Hor. HS+		290	5.5	
	Hor. WS+		130	0.8	36.2
31052	Ver. HS+		250	6.0	
	Ver. WS+		120	1.1	36.3
	Hor. HS+		290	5.5	
	Hor. WS+		130	0.8	36.2
31053	Ver. HS+		250	6.0	
	Ver. WS+		120	1.1	36.3
	Hor. HS+		290	5.5	
	Hor. WS+		130	0.8	36.2
31059	Ver. HS+		250	6.0	
	Ver. WS+		120	1.1	36.3
	Hor. HS+		290	5.5	
	Hor. WS+		130	0.8	36.2

VENMAR VENTILATION, INC.

Venmar

Integrated Supply & Exhaust Ventilators

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
HEPA 2000	Gross Airflow-Recirculation @ 0.20" SP		279		231.0
	Net Ventilation Airflow @ 0.20" SP		110		231.0
	Gross Airflow-Recirculation @ 0.40" SP		257		224.0
	Net Ventilation Airflow @ 0.40" SP		104		224.0
HEPA 3100	Gross Airflow-Recirculation @ 0.20" SP		277		237.0
	Net Ventilation Airflow @ 0.20" SP		110		237.0
	Gross Airflow-Recirculation @ 0.40" SP		252		229.0
	Net Ventilation Airflow @ 0.40" SP		103		229.0
HEPA 4100	Gross Airflow-Recirculation @ 0.20" SP		270		227.0
	Net Ventilation Airflow @ 0.20" SP		122		227.0
	Gross Airflow-Recirculation @ 0.40" SP		254		224.0
	Net Ventilation Airflow @ 0.40" SP		113		224.0

Kitchen Range Hoods – Ducted & Convertible

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
ESV1030SBL	Ver. HS+		250	6.0	121
	Ver. WS+		120	1.1	36.3
	Hor. HS+		290	5.5	123
	Hor. WS+		130	0.8	36.2

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

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CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
ESV1030BLD	Ver. HS+		250	6.0	121
	Ver. WS+		120	1.1	36.3
	Hor. HS+		290	5.5	123
	Hor. WS+		130	0.8	36.2
ESV1030SS	Ver. HS+		250	6.0	121
	Ver. WS+		120	1.1	36.3
	Hor. HS+		290	5.5	123
	Hor. WS+		130	0.8	36.2
ESV1030SSD	Ver. HS+		250	6.0	121
	Ver. WS+		120	1.1	36.3
	Hor. HS+		290	5.5	123
	Hor. WS+		130	0.8	36.2
ESV1030WH	Ver. HS+		250	6.0	121
	Ver. WS+		120	1.1	36.3
	Hor. HS+		290	5.5	123
	Hor. WS+		130	0.8	36.2
ESV1030WHD	Ver. HS+		250	6.0	121
	Ver. WS+		120	1.1	36.3
	Hor. HS+		290	5.5	123
	Hor. WS+		130	0.8	36.2
ROV1530BL	Ver. HS+		240	6.5	
	Ver. LS+		100	0.9	
	Hor. HS+		280	5.5	
	Hor. LS+		100	0.9	
ROV1530SS	Ver. HS+		240	6.5	
	Ver. LS+		100	0.9	
	Hor. HS+		280	5.5	
	Hor. LS+		100	0.9	
ROV1530WH	Ver. HS+		240	6.5	
	Ver. LS+		100	0.9	
	Hor. HS+		280	5.5	
	Hor. LS+		100	0.9	
ROV1530WHD	Ver. HS+		240	6.5	
	Ver. LS+		100	0.9	
	Hor. HS+		280	5.5	
	Hor. LS+		100	0.9	
ROV3530BL	Ver. HS+		310	8.5	
	Ver. LS+		100	0.7	
	Hor. HS+		390	8.0	
	Hor. LS+		100	0.7	
ROV3530BLD	Ver. HS+		310	8.5	
	Ver. LS+		100	0.7	
	Hor. HS+		390	8.0	
ROV3530SS	Ver. HS+		310	8.5	
	Ver. LS+		100	0.7	
	Hor. HS+		390	8.0	
	Hor. LS+		100	0.7	
ROV3530SSD	Ver. HS+		310	8.5	
	Ver. LS+		100	0.7	
	Hor. HS+		390	8.0	
	Hor. LS+		100	0.7	
ROV3530WH	Ver. HS+		310	8.5	
	Ver. LS+		100	0.7	
	Hor. HS+		390	8.0	
	Hor. LS+		100	0.7	
ROV3530WHD	Ver. HS+		310	8.5	
	Ver. LS+		100	0.7	
	Hor. HS+		390	8.0	
	Hor. LS+		100	0.7	
V1030BL	Ver. HS+		240	6.5	
	Ver. LS+		100	0.9	
	Hor. HS+		280	5.5	
	Hor. LS+		100	0.9	
V1030SS	Ver. HS+		240	6.5	
	Ver. LS+		100	0.9	
	Hor. HS+		280	5.5	
	Hor. LS+		100	0.9	
V1030WH	Ver. HS+		240	6.5	
	Ver. LS+	@ 0.02" SP	100	0.9	
	Hor. HS+		280	5.5	
	Hor. LS+	@ 0.02" SP	100	0.8	
V1030WHD	Ver. HS+		240	6.5	
	Ver. LS+		100	0.9	
	Hor. HS+		280	5.5	
	Hor. LS+		100	0.9	
V3030BL	Ver. HS+		310	8.5	
	Ver. LS+		100	0.7	
	Hor. HS+		390	8.0	
	Hor. LS+		100	0.7	
V3030BLD	Ver. HS+		310	8.5	
	Ver. LS+		100	0.7	
	Hor. HS+		390	8.0	
	Hor. LS+		100	0.7	
V3030SS	Ver. HS+		310	8.5	
	Ver. LS+		100	0.7	
	Hor. HS+		390	8.0	
	Hor. LS+		100	0.7	
V3030SSD	Ver. HS+		310	8.5	
	Ver. LS+		100	0.7	
	Hor. HS+		390	8.0	
	Hor. LS+		100	0.7	
V3030WH	Ver. HS+		310	8.5	
	Ver. LS+		100	0.7	
	Hor. HS+		390	8.0	
	Hor. LS+		100	0.7	
V3030WHD	Ver. HS+		310	8.5	
	Ver. LS+		100	0.7	
	Hor. HS+		390	8.0	
	Hor. LS+		100	0.7	
V40E30BL	Ver. HS+		380	8.0	
	Ver. LS+		140	1.0	
	Hor. HS+		510	7.5	
	Hor. LS+		150	1.0	

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

NOTE: CHANGES IN RED INDICATE RECENT REVISIONS TO THE HVI CERTIFIED HOME VENTILATING PRODUCTS DIRECTORY.

CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
V40E30SS	Ver. HS+		380	8.0	
	Ver. LS+		140	1.0	
	Hor. HS+		510	7.5	
	Hor. LS+		150	1.0	
V40E30SSD	Ver. HS+		380	8.0	
	Ver. LS+		140	1.0	
	Hor. HS+		510	7.5	
	Hor. LS+		150	1.0	
V40E30WH	Ver. HS+		380	8.0	
	Ver. LS+		140	1.0	
	Hor. HS+		510	7.5	
	Hor. LS+		150	1.0	

VENMAR VENTILATION, INC.

Venmar Connaisseur

Kitchen Range Hoods – Ducted & Convertible

C18030WH	Ver. HS+		160	3.5	
	Ver. LS+		100	1.0	
	Hor. HS+		170	3.0	
	Hor. LS+		100	1.0	
C27030BL	Ver. HS+		240	6.5	
	Ver. LS+	@ 0.02" SP	100	0.9	36.7
	Hor. HS+		280	5.5	
	Hor. LS+	@ 0.02" SP	100	0.8	37.2
C27030BLD	Ver. HS+		240	6.5	
	Ver. LS+	@ 0.02" SP	100	0.9	36.7
	Hor. HS+		280	5.5	
	Hor. LS+	@ 0.02" SP	100	0.8	37.2
C27030SS	Ver. HS+		240	6.5	
	Ver. LS+	@ 0.02" SP	100	0.9	36.7
	Hor. HS+		280	5.5	
	Hor. LS+	@ 0.02" SP	100	0.8	37.2
C27030SSD	Ver. HS+		240	6.5	
	Ver. LS+	@ 0.02" SP	100	0.9	36.7
	Hor. HS+		280	5.5	
	Hor. LS+	@ 0.02" SP	100	0.8	37.2
C27030WH	Ver. HS+		240	6.5	
	Ver. LS+	@ 0.02" SP	100	0.9	36.7
	Hor. HS+		280	5.5	
	Hor. LS+	@ 0.02" SP	100	0.8	37.2
C27030WHD	Ver. HS+		240	6.5	
	Ver. LS+	@ 0.02" SP	100	0.9	36.7
	Hor. HS+		280	5.5	
	Hor. LS+	@ 0.02" SP	100	0.8	37.2
CC32I30SS	Ver. HS+		600	9.5	
	Ver. LS+		200	1.4	
CC32I36SS	Ver. HS+		600	9.5	
	Ver. LS+		200	1.4	

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
C37030WH	Ver. HS+		310	8.5	
	Ver. LS+		100	0.7	
	Hor. HS+		390	8.0	
	Hor. LS+		100	0.7	
C37030WHD	Ver. HS+		310	8.5	
	Ver. LS+		100	0.7	
	Hor. HS+		390	8.0	
	Hor. LS+		100	0.7	
C37030BL	Ver. HS+		310	8.5	
	Ver. LS+		100	0.7	
	Hor. HS+		390	8.0	
	Hor. LS+		100	0.7	
C37030BLD	Ver. HS+		310	8.5	
	Ver. LS+		100	0.7	
	Hor. HS+		390	8.0	
	Hor. LS+		100	0.7	
C37030SS	Ver. HS+		310	8.5	
	Ver. LS+		100	0.7	
	Hor. HS+		390	8.0	
	Hor. LS+		100	0.7	
C37030SSD	Ver. HS+		310	8.5	
	Ver. LS+		100	0.7	
	Hor. HS+		390	8.0	
	Hor. LS+		100	0.7	
C600E30BL	Ver. HS+		470	10.5	
	Ver. LS+		120	0.7	
	Hor. HS+		670	10.0	
	Hor. LS+		120	0.5	
C600E30SS	Ver. HS+		470	10.5	
	Ver. LS+		120	0.7	
	Hor. HS+		670	10.0	
	Hor. LS+		120	0.5	
C600E30SSD	Ver. HS+		470	10.5	
	Ver. LS+		120	0.7	
	Hor. HS+		670	10.0	
	Hor. LS+		120	0.5	
C600E30WH	Ver. HS+		470	10.5	
	Ver. LS+		120	0.7	
	Hor. HS+		670	10.0	
	Hor. LS+		120	0.5	
C600M30BL	Ver. HS+		470	10.5	
	Ver. LS+		240	4.0	
	Hor. HS+		670	10.0	
	Hor. LS+		250	3.0	
C600M30SS	Ver. HS+		470	10.5	
	Ver. LS+		240	4.0	
	Hor. HS+		670	10.0	
	Hor. LS+		250	3.0	
C600M30SSD	Ver. HS+		470	10.5	
	Ver. LS+		240	4.0	
	Hor. HS+		670	10.0	
	Hor. LS+		250	3.0	

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

NOTE: CHANGES IN RED INDICATE RECENT REVISIONS TO THE HVI CERTIFIED HOME VENTILATING PRODUCTS DIRECTORY.

CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
C600M30WH	Ver. HS+		470	10.5	
	Ver. LS+		240	4.0	
	Hor. HS+		670	10.0	
	Hor. LS+		250	3.0	
C600M30WHD	Ver. HS+		470	10.5	
	Ver. LS+		240	4.0	
	Hor. HS+		670	10.0	
	Hor. LS+		250	3.0	
C70030BL	Ver. HS+		600	11.5	
	Hor. HS+		450	11.0	
C70030GY	Ver. HS+		600	11.5	
	Hor. HS+		450	11.0	
C70030WG	Ver. HS+		600	11.5	
	Hor. HS+		450	11.0	
C70030WGD	Ver. HS+		600	11.5	
	Hor. HS+		450	11.0	
C70030WH	Ver. HS+		600	11.5	
	Hor. HS+		450	11.0	
C70036BL	Ver. HS+		600	11.5	
	Hor. HS+		450	11.0	
C70036BY	Ver. HS+		600	11.5	
	Hor. HS+		450	11.0	
C70036WG	Ver. HS+		600	11.5	
	Hor. HS+		450	11.0	
C70036WH	Ver. HS+		600	11.5	
	Hor. HS+		450	11.0	
CC700I30BL	Ver. HS+		600	10.5	
CC700I30GY	Ver. HS+		600	10.5	
CC700I30WG	Ver. HS+		600	10.5	
CC700I30WH	Ver. HS+		600	10.5	
CC700I36BL	Ver. HS+		600	10.5	
CC700I36GY	Ver. HS+		600	10.5	
CC700I36WG	Ver. HS+		600	10.5	
CC700I36WH	Ver. HS+		600	10.5	
CIC700I16BL	Ver. HS+		540	9.5	
CIC700I16GY	Ver. HS+		540	9.5	
CIC700I16WG	Ver. HS+		540	9.5	
CIC700I16WH	Ver. HS+		540	9.5	
CIS700I36BL	Ver. HS+		600	9.5	
CIS700I36GY	Ver. HS+		600	9.5	
CIS700I36WG	Ver. HS+		600	9.5	
CIS700I36WH	Ver. HS+		600	9.5	
CP300030SS	Hor. HS+		500	13.0	
CPM1309SS	Ver. HS+		600	8.5	
	Ver. LS+		210	1.1	
CPM1369SS	Ver. HS+		600	8.5	
	Ver. LS+		210	1.1	
CPM1429SS	Ver. HS+		600	12.0	
	Ver. LS+		190	2.0	
CPM2362SS	Ver. HS+		1000	12.0	
	Ver. LS+		370	1.5	
CPM2422SS	Ver. HS+		1000	12.0	
	Ver. HS+		370	1.5	
CPM2482SS	Ver. HS+		1080	10.5	
	Ver. LS+		410	1.5	
ESC27030BL	Ver. HS+		250	6.0	121
	Ver. WS+		120	1.1	36.3
	Hor. HS+		290	5.5	123
	Hor. WS+		130	0.8	36.2
ESC27030SS	Ver. HS+		250	6.0	121
	Ver. WS+		120	1.1	36.3
	Hor. HS+		290	5.5	123
	Hor. WS+		130	0.8	36.2
ESC27030SSD	Ver. HS+		250	6.0	121
	Ver. WS+		120	1.1	36.3
	Hor. HS+		290	5.5	123
	Hor. WS+		130	0.8	36.2
ESC27030WH	Ver. HS+		250	6.0	121
	Ver. WS+		120	1.1	36.3
	Hor. HS+		290	5.5	123
	Hor. WS+		130	0.8	36.2
ESC27030WHD	Ver. HS+		250	6.0	121
	Ver. WS+		120	1.1	36.3
	Hor. HS+		290	5.5	123
	Hor. WS+		130	0.8	36.2

VENMAR VENTILATION, INC.

Venmar Jazz

Kitchen Range Hoods – Ducted & Convertible

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
HDN62330SS	Ver. HS+		450	8.5	
	Ver. LS+		190	2.5	
VJ10430SS	Ver. HS+		270	7.0	
	Ver. WS+		180	3.5	
VJ10430WH	Ver. HS+		270	7.0	
	Ver. WS+		180	3.5	
VJ50430SS	Ver. HS+		450	8.5	
	Ver. LS+		190	2.5	

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

NOTE: CHANGES IN RED INDICATE RECENT REVISIONS TO THE HVI CERTIFIED HOME VENTILATING PRODUCTS DIRECTORY.

CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
VJ504302SS	Ver. HS+		450	8.5	
	Ver. LS+		190	2.5	
VJ60330SS	Ver. HS+		450	8.5	
	Ver. LS+		190	2.5	
VJ603302SS	Ver. HS+		450	8.5	
	Ver. LS+		190	2.5	
VJ60430SS	Ver. HS+		450	8.5	
	Ver. LS+		190	2.5	
VJ604302SS	Ver. HS+		450	8.5	
	Ver. LS+		190	2.5	
VJ70330SS	Ver. HS+		370	8.5	
	Ver. LS+		190	2.5	
VJ70430SS	Ver. HS+		450	8.0	
	Ver. LS+		210	2.0	
VJ70524SS	Ver. HS+		450	8.5	
	Ver. LS+		190	2.5	
VJ70530SS	Ver. HS+		450	8.5	
	Ver. LS+		190	2.5	
VJ70536SS	Ver. HS+		450	8.5	
	Ver. LS+		190	2.5	
VJ70636SS	Ver. HS+		450	8.5	
	Ver. LS+		190	2.5	

VENMAR VENTILATION, INC.

RONA

Kitchen Range Hoods – Ducted & Convertible

RO300030SS	Hor. HS+	400	12.0	
ROQP130SS	Ver. HS+	280	5.0	
	Ver. LS+	120	0.8	
	Hor. HS+	280	5.0	
	Hor. LS+	120	0.8	
ROQP130WH	Ver. HS+	280	5.0	
	Ver. LS+	120	0.8	
	Hor. HS+	280	5.0	
	Hor. LS+	120	0.8	

VENTAMATIC, LTD.

Nuvent

Bathroom - Exhaust Fans

NX503	50	4.0	50.1
NX703	60	5.5	60.8
NXDHVL	70	5.5	66.6
NXHVL	70	5.5	66.6
NXMR50	50	3.0	46.6
NXMR70	70	4.5	49.4
NXMR70FL	70	4.5	49.4
NXMR70L	70	4.5	49.4
NXMR90	90	3.5	55.5
NXMR90L	90	3.5	55.5
NXMR110	110	3.5	61.8
NXMR110FL	110	3.5	61.8
NXMR110L	110	3.5	61.8
NXMS50	50	3.0	46.6
NXMS50L	50	3.0	46.6
NXMS70	70	4.5	49.4
NXMS70FL	70	4.5	49.4
NXMS70L	70	4.5	49.4
NXMS90	90	3.5	55.5
NXMS90L	90	3.5	55.5
NXMS110	110	3.5	61.8
NXMS110FL	110	3.5	61.8
NXMS110L	110	3.5	61.8
NXSH50	50	0.8	30.3
NXSH80	80	1.5	42.3
@ 0.25" SP	65		38.1
NXSH80FL	80	1.3	31.2
NXSH80L	80	1.3	31.2
NXSH110	110	2.0	46.6
NXSH110FL	110	2.0	46.6
NXSH110L	110	2.0	46.6
NXSH130	120	2.0	44.9
NXSH130L	120	2.0	44.9
NXSS50	50	0.7	40.4
NXSS80	80	1.0	55.2
NXSS80L	80	1.0	55.2
NXSS110	110	2.0	88.4
NXSS110L	110	2.0	88.4

VENTILATION SYSTEMS USA

Vents

Inline Fans (all models)

TT100	HS+	@ 0.20" SP	30	36.0
	LS+	@ 0.20" SP	20	30.0
TT125	HS+	@ 0.20" SP	90	41.0
	LS+	@ 0.20" SP	20	31.0
TT150	HS+	@ 0.20" SP	410	191
	HS+	@ 0.50" SP	371	189
	LS+	@ 0.20" SP	380	149
	LS+	@ 0.50" SP	335	148
TT200	HS+	@ 0.20" SP	430	111
	HS+	@ 0.50" SP	348	111
	LS+	@ 0.20" SP	290	70.0
	LS+	@ 0.50" SP	155	70.0
TT315	HS+	@ 0.20" SP	990	353
	HS+	@ 0.50" SP	902	353
	LS+	@ 0.20" SP	770	236
	LS+	@ 0.50" SP	633	236
VK100		@ 0.20" SP	150	106
		@ 0.375" SP	140	106
		@ 0.5" SP	132	106

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

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CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS
VK125		@ 0.20" SP	210		114
		@ 0.375" SP	189		114
		@ 0.5" SP	174		114
VK150		@ 0.20" SP	280		113
		@ 0.375" SP	254		113
		@ 0.5" SP	238		114
VK200		@ 0.20" SP	540		142
		@ 0.375" SP	490		150
		@ 0.5" SP	458		147
VK250		@ 0.20" SP	670		293
		@ 0.375" SP	618		297
		@ 0.5" SP	580		301
VK315		@ 0.20" SP	770		271
		@ 0.375" SP	700		276
		@ 0.5" SP	650		279
VKM125		@ 0.20" SP	220		112
		@ 0.375" SP	200		112
		@ 0.5" SP	187		112
VKM150		@ 0.20" SP	270		110
		@ 0.375" SP	235		110
		@ 0.5" SP	210		110
VKM200		@ 0.20" SP	480		196
		@ 0.375" SP	420		199
		@ 0.5" SP	390		201
VKM250		@ 0.20" SP	610		232
		@ 0.375" SP	542		234
		@ 0.5" SP	480		235
VKM305		@ 0.20" SP	730		244
		@ 0.375" SP	688		250
		@ 0.5" SP	659		254
VKP125		@ 0.20" SP	190		86.0
		@ 0.5" SP	163		86.0
VKP150		@ 0.20" SP	290		170
		@ 0.5" SP	256		170
		@ 0.75" SP	230		170

WINDRIDGE FANS CORP.

Windridge Fans

Bathroom – Exhaust Fans (all models)

D50		50	<0.3	31.7
	@ 0.25" SP	30		28.5
D80		80	0.8	27.8
	@ 0.25" SP	67		26.1
D80L		80	0.5	31.6
	@ 0.25" SP	64		28.7
D90		90	1.0	28.3
	@ 0.25" SP	76		26.1
D90L		90	0.7	32.1
	@ 0.25" SP	75		29.5
D100		100	1.2	29.2
	@ 0.25" SP	84		27.2
D110		110	1.5	30.5
	@ 0.25" SP	93		28.5
D110L		110	1.2	33.7
	@ 0.25" SP	96		31.9
D120		120	2.0	32.1
	@ 0.25" SP	105		30.6
E50		50	3.0	36.5
E60		60	4.0	42.0
E70		70	3.5	27.1
E80		80	4.0	30.8
EP50		50	2.5	19.9
EP80		80	1.3	31.2
	@ 0.25" SP	63		30.9
EP80L		80	1.0	29.2
	@ 0.25" SP	70		28.8
EP90		90	1.5	24.5
	@ 0.25" SP	76		22.8
EP90L		90	1.1	24.5
	@ 0.25" SP	75		22.7
EP110		110	2.0	27.0
	@ 0.25" SP	83		25.3
EP110L		110	1.0	27.3
	@ 0.25" SP	93		25.9

ZEPHYR

Zephyr

Kitchen Range Hoods – Ducted & Convertible

ES1-E30AB	Hor. HS+	290	5.5	123
	Hor. LS+	130	0.8	36.2
	Ver. HS+	250	6.0	121
	Ver. LS+	120	1.1	36.3
ES1-E30AS	Hor. HS+	290	5.5	123
	Hor. LS+	130	0.8	36.2
	Ver. HS+	250	6.0	121
	Ver. LS+	120	1.1	36.3
ES1-E30AW	Hor. HS+	290	5.5	123
	Hor. LS+	130	0.8	36.2
	Ver. HS+	250	6.0	121
	Ver. LS+	120	1.1	36.3

Downdraft Kitchen Exhausters

DD1-E30AS	500
DD1-E36AS	500

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

NOTE: CHANGES IN RED INDICATE RECENT REVISIONS TO THE HVI CERTIFIED HOME VENTILATING PRODUCTS DIRECTORY.

CERTIFIED VENTILATING FAN PRODUCTS

MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS	MODEL OR SERIES	DETAILS	STATIC * PRESSURE**	CFM**	SONES	WATTS

ZHONGSHAN AIRZONE VENTILATED TECHNOLOGY CO. LTD

Win Air

Bathroom – Exhaust Fans (all models)

BPT12-13D		70	4.0	50.0
	@ 0.25" SP	64		
BPT12-13H		70	1.0	17.0
	@ 0.25" SP	52		
BPT14-24A		110	1.0	26.2
	@ 0.25" SP	88		
BPT18-34A-1		110	1.0	34.7
	@ 0.25" SP	89		
BPT18-54A		140	1.5	45.1
	@ 0.25" SP	122		
BPT18-54AL		140	1.5	50.0
	@ 0.25" SP	124		
BPT18-34ALE-1		110	1.2	33.0
	@ 0.25" SP	90		

ZHONGSHAN GUIDA HARDWARE ELECTRICAL APPLIANCES CO. LTD.

Clever

Bathroom – Exhaust Fans (all models)

ME050	50	1.5	45.0
ME070	70	3.0	60.0
ME080	80	4.0	
ME090	90	2.5	38.0
ME100	100	3.0	38.0
ME110	110	3.5	40.0
ME120	120	4.0	50.0
MEHL75	70	4.0	
MEL75	70	3.0	
MEQ50	50	0.6	26.0
MEQ70	70	1.5	28.0
MQBF070	70	0.3	20.0
MQBF090	90	0.7	25.0
MQBF110	110	1.3	30.0
MQBF140	140	1.5	50.0
MQBF160	160	2.5	55.0
MQBFL090	90	0.8	25.0
MQBFL110	110	1.3	30.0

Kitchen Range Hoods – Ducted & Convertible

SR600	400	9.0

* STATIC PRESSURE {INCHES WATER GAGE (IN. W.G.)}: Direct Discharge Fans (Non-Ducted) @ 0.03 in. wg Ducted Fans @ 0.10 in. wg; 0.25 in. wg (optional)
Inline Fans @ 0.20 in. wg; two additional (optional) for static pressure

** CONVERSIONS: Pascals (Pa) = in. wg x 250 Litres per Second (L/s) = cfm x 0.47

NOTE: CHANGES IN RED INDICATE RECENT REVISIONS TO THE HVI CERTIFIED HOME VENTILATING PRODUCTS DIRECTORY.

HVI TESTED/CERTIFIED

STATIC PRODUCTS

("NET FREE AREA")

PRODUCT CATEGORY

Soffit Ventilators

USE OF HVI LABEL

Companies whose products have been certified by HVI shall affix appropriate Labels to those products

HOW ATTIC VENTILATION WORKS

The principle of attic ventilation is simple: placing air vents as near the roof peak as possible to allow warm air to escape — and intake vents in the soffit or undereaves to allow air to enter the attic area.

Various forms of exhaust vents are available — powered fans, ridge vents, roof vents, turbines, and gable end vents. The intake vents that balance the system are cornice vents and soffit or undereave vents.

The important consideration is that both intake and exhaust vents must be in the system to promote air movement, and they must be in balance. HVI recommends that 60% of the net free area of the required ventilation be placed at the undereave location and 40% at the roof or gable location. HVI guidelines recommend one square foot of ventilator net free area for each 300 square feet of attic floor space. If no vapor barrier is used, the net free area of ventilation should be doubled.

TO CALCULATE NET FREE AREA

To determine your static ventilator needs, first multiply attic length by attic width to find square feet, then divide that number by 300 to find required net free area.

Because most vents are marked in square *inches* of net free area, multiply the above number by 144. The total of static vents you install should equal that number in total square inches. If no vapor barrier is used, multiply the total square inches by 2.

For ease in calculating required static ventilation, request a "HOME VENTILATION & INDOOR AIR QUALITY" guide from the Home Ventilating Institute.

CERTIFIED STATIC VENTILATING DEVICES

QUALITY ALUMINUM PRODUCTS, INC.

Quality Aluminum

MODEL OR SERIES	DESCRIPTION	HVI CERTIFIED NET FREE AREA (SQ. IN.)*
Soffit Vents		
LVP10	Double 5" Lanced V-Panel Soffit	9.6 in²
LVP12	Double 6" Lanced V-Panel Soffit	11.4 in²
CVPT4	Triple 4" Center Lanced V-Panel Soffit	4.9 in²
LVPT4	Triple 4" Full Lanced V-Panel Soffit	14.8 in²
CVPQ4	Quad 4" Center Lanced V-Panel Soffit	6.2 in²
LVPQ4	Quad 4" Full Lanced V-Panel Soffit	10.2 in²
8VTL	8" Vertical Lanced Soffit	10.5 in²

*Per Lineal Feet

HVI TESTED/CERTIFIED

HEAT RECOVERY VENTILATORS AND ENERGY RECOVERY VENTILATORS (HRV/ERV)

(DUCTED HEAT AND ENERGY RECOVERY VENTILATORS)

NOTICE:

HVI Certification of these products is based on CAN/CSA C439, *Standard Laboratory Methods of Test for Rating the Performance of Heat/Energy-Recovery Ventilators*, as its test standard for measuring product performance for certification. Testing for these products has been conducted by an HVI-designated laboratory.

HVI-Certified product performance ratings for HRV/ERVs are available online at www.hvicertified.org or from the manufacturer. Companies whose products have been certified by HVI are required to affix appropriate HVI-Certified Labels to those products. The equipment tested to achieve Certification was supplied by the manufacturer and is representative of the designated model offered for sale. HVI-Certified products are subject to regular, random verification testing confirming the performance of production equipment. ASHRAE Handbook - Fundamentals (SI Edition) was used for conversion factors to convert cubic feet per minute to liters per second and inches water gage to Pascals.

This Certified data is intended for the ventilation designer, contractor and purchaser of HRV/ERV equipment. Government and utility programs may also refer to these Certified ratings with confidence. HVI-Certified equipment can be expected to provide indicated ventilation capacity and energy performance under specific indoor and outdoor air temperature and humidity conditions.
CONSULT THE EQUIPMENT SUPPLIER FOR PERFORMANCE AT CONDITIONS OTHER THAN THOSE DESCRIBED.

USE OF HVI LABEL

Companies whose products have been certified by HVI shall affix appropriate Labels to those products.

INTRODUCTION

Heat or energy recovery ventilators are mechanical ventilation systems used to provide substantially balanced ventilation by providing two separate air paths. It is the combination of an exhaust system and a supply system in a single packaged solution. The exhaust system removes air from the building and the supply system adds outdoor air into the building. All products in Section III of the HVI Certified Products Directory transfer heat (in the case of HRVs) or heat and humidity (in the case of ERVs) reclaiming energy otherwise wasted in an exhaust air stream and minimizing the cost associated with ventilation. The HRV/ERV products listed in the HVI Certified Products Directory have been evaluated for airflow performance as well as their effectiveness of transferring heat or energy.

VENTILATION PERFORMANCE TERMS

External Static Pressure: The total static pressure loss of the exhaust or supply system in the ductwork. In the case of the exhaust system, the total static pressure differential is the static pressure measured at point 4 minus the static pressure measured at point 3. The supply system total static pressure differential is the static pressure measured at point 2 minus the static pressure measured at point 1.

Gross Airflow: The measured airflow rate at points 2 and 3, which may contain cross-leakage between the supply and exhaust airstreams. These values are used for duct design.

Exhaust Air Transfer (EAT): The percent of exhaust air found in the supply airstream at the specified external total static pressure. Gross Airflow x (1-(EAT/100)) = Net Airflow.

Net Supply Airflow: The gross supply airflow reduced by measured cross-leakage (EAT). This is the actual amount of outdoor air delivered by the supply system of the unit and is used for sizing the equipment for the required ventilation rate.

Very Low Temperature Ventilation Reduction (VLTVR): The percent reduction in airflow rate of the supply and exhaust systems at the end of the 72-hour test compared with operation under non-frosting conditions. The final airflow rate is taken as the average of the last 12 hours of the test. This reduction in airflow results from frost and ice buildup in the exchanger and variation in mechanical ventilation during defrosting.

Very Low Temperature Airflow Imbalance (VLTAI): The percent of airflow imbalance of the Supply System Airflow compared to Exhaust System Airflow over the last 12 hours of the 72-hour test.

Latent Recovery/Moisture Transfer (LRMT): Moisture recovered divided by moisture exhausted and corrected for the effects of cross-leakage. LRMT = 0 indicates that moisture was not transferred (net of cross-leakage) from the exhaust airstream to the supply airstream. LRMT = 1 would indicate complete transfer of moisture. LRMT is provided for the Heating Season Performance and the Very Low Temperature Test as an indication of moisture handling characteristics, and may be used to evaluate the moisture transfer ability of the equipment in order to assess the humidification or dehumidification performance of the product at the specified test condition.

ENERGY PERFORMANCE TERMS

Values for energy performance are listed for various outdoor air temperature and humidity conditions at a specific net airflow selected by the manufacturer. It is important to recognize that for comparison of equipment, only values at equivalent outdoor air conditions and net airflow should be used.

Heating Season Performance: This is a mandatory test for HVI Certification at 0°C (+32°F) and 75% relative humidity for the outdoor air and at 22°C (71.6°F) and 40% relative humidity for the indoor air. This test represents the typical steady-state energy performance of the HRV/ERV. Performance is more comparable using this Heating Season Performance data due to the absence of frost formation.

Very Low Temperature Test: This is an optional test for HVI Certification. The Very Low Temperature Test is typically conducted at -25°C (-13°F) and at 22°C (71.6°F) and 40% relative humidity for the indoor air, although the manufacturer may chose to conduct this test at any outdoor temperature below freezing. The test duration is 72 hours. The Net Supply Airflow and all other energy performance values are calculated by using the averages of the last 12 hours of the test.

Cooling Season Performance: This is an optional test for HVI Certification. Outdoor air conditions are 35°C (95°F) at 50% relative humidity, indoor air conditions are 24°C (75°F) at 50% relative humidity. Total Recovery Efficiency (see below) is reported in place of Sensible Recovery Efficiency (see below) as the latter value is less relevant for cooling load applications.

Watts: The average power consumed during the specific test. DO NOT USE THIS VALUE TO DETERMINE REQUIRED ELECTRIC SERVICE. REFER TO THE ELECTRICAL RATING INFORMATION SUPPLIED BY THE MANUFACTURER.

Apparent Sensible Effectiveness (ASEF): The measured temperature rise of the supply airstream divided by the difference between the outdoor temperature (point 1) and entering exhaust system air temperature (point 3), then multiplied by the ratio of mass flow rate of the supply airflow divided by the mass flow rate of the lower of the supply or exhaust system airflows. Apparent Sensible Effectiveness is useful to predict final delivered air temperature at a given flow rate and should be used for energy modeling when wattage for air movement is separately accounted for in the energy model.

Sensible Recovery Efficiency (SRE): The net sensible energy recovered by the supply airstream as adjusted by electric consumption, case heat loss or heat gain, air leakage, airflow mass imbalance between the two airstreams and the energy used for defrost (when running the Very Low Temperature Test), as a percent of the potential sensible energy that could be recovered plus the exhaust fan energy. This value is used to predict and compare Heating Season Performance of the HRV/ERV unit.

Total Recovery Efficiency (TRE): The net total energy (sensible plus latent, also called enthalpy) recovered by the supply airstream adjusted by electric consumption, case heat loss or heat gain, air leakage and airflow mass imbalance between the two airstreams, as a percent of the potential total energy that could be recovered plus the exhaust fan energy. This value is used to predict and compare Cooling Season Performance for the HRV/ERV unit.

AEROMATIC

Model: 7230 ● Options Installed: none
Electrical Requirements: Volts: 120 Amps: 0.5
Exhaust Air Transfer Ratio: 0.06 @ 100 Pa/0.4 in. wg 0.04 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: ---% Supply ---% Exhaust ● Low Temp. Imbalance Factor: -

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	48	103	51	107	57	122
50	0.2	44	94	46	98	52	111
75	0.3	40	85	42	89	48	101
100	0.4	35	74	37	78	41	87
125	0.5	29	61	30	64	36	76
150	0.6	22	48	23	59	29	61

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	22	46	38	58	68	0.01
	0	+32	26	54	42	57	66	0.00
	0	+32	33	71	48	54	62	0.00

AEROMATIC

Model: 7260 ● Options Installed: none
Electrical Requirements: Volts: 120 Amps: 1.6
Exhaust Air Transfer Ratio: 0.03 @ 100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 32% Supply 18% Exhaust ● Low Temp. Imbalance Factor: 0.81

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	40	84	41	87	55	117
50	0.2	35	75	37	78	51	108
75	0.3	32	67	33	69	46	97
100	0.4	28	60	29	62	41	87
125	0.5	25	53	26	55	36	77
150	0.6	23	48	23	50	32	69

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	25	54	98	64	79	0.01
	0	+32	31	66	110	63	77	0.02
	0	+32	39	82	124	61	76	0.01
	-25	-13	22	47	97	49	80	0.09

AEROMATIC

Model: 7290 ● Options Installed: none
Electrical Requirements: Volts: 120 Amps: 1.8
Exhaust Air Transfer Ratio: 0.03@ 100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 15.1% Supply 25.1% Exhaust ● Low Temp. Imbalance Factor: 1.07

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	66	141	68	145	69	147
50	0.2	60	128	62	133	62	133
75	0.3	56	120	58	124	56	120
100	0.4	51	109	53	113	51	108
125	0.5	48	103	50	106	45	95
150	0.6	44	94	46	97	38	81
175	0.7	40	85	41	88	29	63
200	0.8	34	73	36	76	17	37

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	66	128	65	80	0.01
	0	+32	41	87	152	63	77	0.00
	0	+32	51	109	172	62	75	0.02
	-25	-13	33	70	136	62	82	0.06
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95					Not tested	
	+35	+95						

AEROMATIC

Model: 7292v ● Options Installed: none
Electrical Requirements: Volts: 120 Amps: 1.8
Exhaust Air Transfer Ratio: 0.02@ 100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 18% Supply 25% Exhaust ● Low Temp. Imbalance Factor: 1.05

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	97	205	99	209	102	217
50	0.2	89	188	91	192	94	198
75	0.3	82	174	84	178	86	183
100	0.4	77	162	78	166	89	169
125	0.5	71	150	73	154	74	156
150	0.6	65	138	67	141	68	144
175	0.7	59	125	60	128	62	132
200	0.8	53	112	54	114	56	119
225	0.9	46	98	47	101	49	104
250	1.0	41	86	42	88	41	88

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	32	32	67	86	69	81	-0.01
	0	32	46	98	104	66	77	-0.01
	0	32	54	115	118	65	75	-0.01
	-25	-13	33	70	99	64	85	0.02

AEROMATIC

Model: S75D ● Options Installed: none
Electrical Requirements: Volts: 120 Amps: 0.6
Exhaust Air Transfer Ratio: 0.03@ 100 Pa/0.4 in. wg 0.23 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 16% Supply 25% Exhaust ● Low Temp. Imbalance Factor: 1.05

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	51	107	52	110	55	116
50	0.2	45	96	46	98	50	106
75	0.3	40	84	41	86	44	94
100	0.4	34	72	35	74	38	81
125	0.5	29	60	29	62	32	68
150	0.6	23	49	24	50	26	55

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	32	20	42	28	66	77	0.04
	0	32	31	65	52	61	71	0.02
	0	32	42	90	66	60	68	0.02
	-25	-13	32	67	54	57	74	-0.02

AEROMATIC

Model: S180D ● Options Installed: none
Electrical Requirements: Volts: 120 Amps: 1.8
Exhaust Air Transfer Ratio: 0.03@ 100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 17% Supply 19% Exhaust ● Low Temp. Imbalance Factor: 0.97

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	111	236	111	237	117	249
50	0.2	102	216	102	217	106	225
75	0.3	93	199	94	199	96	205
100	0.4	84	179	84	179	90	191
125	0.5	77	163	77	164	82	175
150	0.6	67	142	67	142	77	163
175	0.7	60	127	60	127	69	146
200	0.8	52	111	53	112	58	122
225	0.9	46	99	47	99	50	107
250	1.0	37	79	37	80	40	86
275	1.1	32	68	32	68	36	76
300	1.2	26	55	26	55	29	61

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	32	32	67	70	67	77	0.02
	0	32	47	99	82	65	73	0.01
	-25	-13	33	70	82	60	79	0.01

AIRFLOW

Model: AIR 130-R ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.2
Exhaust Air Transfer Ratio: 0.03 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: .92% Supply n/a Exhaust ● Low Temp. Imbalance Factor: .92

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	74	156	70	160	67	153
50	0.2	69	146	71	150	69	146
75	0.3	63	134	65	137	60	128
100	0.4	59	124	61	127	59	122
125	0.5	54	115	56	117	54	114
150	0.6	49	104	51	106	49	102
175	0.7	45	95	47	98	45	94
200	0.8	40	85	41	87	40	77
225	0.9	33	69	34	71	33	68

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	32	31	66	74	61	74	0.01
	0	32	40	85	86	61	73	0.01
	0	32	55	117	140	56	69	0.01
	-25	-13	36	76	96	63	78	0.04

AIRFLOW

Model: AIR 150-D ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 2% Supply 0% Exhaust ● Low Temp. Imbalance Factor: n/a

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	83	177	83	177	88	187
50	0.2	77	164	77	164	84	179
75	0.3	73	156	73	156	85	181
100	0.4	67	143	67	143	83	176
125	0.5	58	123	58	123	81	171
150	0.6	47	100	47	100	74	158
175	0.7	18	38	18	38	70	149

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	32	32	67	78	66	76	-0.01
	0	32	44	94	95	64	72	-0.20
	0	32	56	118	110	60	68	-0.02
	-25	-13	32	68	82	60	78	0.08
							TOTAL RECOVERY EFFICIENCY	
COOLING	35	95	31	66	74		20	

AIRFLOW

Model: AIR 200-D ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 1% Supply 2% Exhaust ● Low Temp. Imbalance Factor: 0.967

VENTILATION PERFORMANCE

EXT. 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	101	214	102	216	97	206
50	0.2	97	206	98	208	93	197
75	0.3	91	193	93	197	88	186
100	0.4	87	184	88	186	82	174
125	0.5	80	170	81	172	75	159
150	0.6	73	155	74	157	67	142
175	0.7	65	137	65	138	54	114

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	68	144	114	59	66	0
	0	+32	63	133	109	58	66	0
	0	+32	56	119	100	60	67	0
	-25	-13	60	127	100	59	69	0
	-25	-13	55	117		60		

AIRFLOW

Model: 120 AIR-R ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 3.0% Supply 15.0% Exhaust ● Low Temp. Imbalance Factor: 1.01

VENTILATION PERFORMANCE

EXT. 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	67	142	68	144	72	154
50	0.2	64	137	65	138	69	147
75	0.3	62	131	62	133	66	141
100	0.4	60	128	61	129	64	135
125	0.5	58	123	58	124	60	128
150	0.6	54	115	55	116	58	123
175	0.7	53	113	54	114	55	116
200	0.8	49	105	50	106	51	109
225	0.9	48	102	48	103	48	102
250	1.0	45	96	46	97	45	95
275	1.1	42	90	43	91	41	87
300	1.2	39	84	40	85	33	71

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	32	33	70	76	59	68	0.03
	0	32	42	89	94	57	67	0.03
	0	32	56	130	156	52	62	0.03
	-25	-13	32	67	109	56	72	0.01

AIRFLOW

Model: 200 AIR-R ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.04 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 2% Supply 11% Exhaust ● Low Temp. Imbalance Factor: 1.03

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	97	207	100	214	108	230
50	0.2	94	200	97	206	103	218
75	0.3	87	184	90	191	97	207
100	0.4	80	171	84	179	96	203
125	0.5	71	152	76	161	88	187
150	0.6	61	130	66	140	82	174
175	0.7	55	116	60	129	67	143
200	0.8	40	86	46	98	56	118

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	31	66	81	64	74	0.06
	0	+32	45	96	99	63	71	0.03
	0	+32	55	117	113	61	69	0.03
	-25	-13	51	109	119	62	73	0.01

AIRFLOW

Model: 155 AIR-R ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.04 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 3.7% Supply 13.8% Exhaust ● Low Temp. Imbalance Factor: 1.04

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	68	144	70	149	80	171
50	0.2	63	134	65	139	78	165
75	0.3	59	125	61	129	75	160
100	0.4	53	113	55	117	74	157
125	0.5	43	92	45	95	70	149
150	0.6	34	73	36	76	64	137
175	0.7	28	59	29	61	57	122

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	30	64	78	64	73	0.00
	0	+32	45	96	104	63	71	0.01
	0	+32	55	117	119	61	69	0.01
	-25	-13	35	74	96	66	78	0.00
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	29	62	77		17	

AIRIA BRANDS INC. (LIFEBREATH®)

Model: 150 ERVD ● Options Installed: None
Electrical Requirements: Volts: 115 Amps: 1.0
Exhaust Air Transfer Ratio: 0.03 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 0.9% Supply 6.7% Exhaust ● Low Temp. Imbalance Factor: 1.01

VENTILATION PERFORMANCE

EXT. 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	67	142	69	147	74	156
50	0.2	65	139	68	143	70	147
75	0.3	60	127	62	131	62	132
100	0.4	57	121	59	125	58	123
125	0.5	50	106	51	109	53	111
150	0.6	41	87	42	90	44	94
175	0.7	32	67	33	69	40	84
200	0.8	25	53	26	54	29	61

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	66	69	69	80	0.57
	0	+32	33	71	70	70	80	0.56
	0	+32	54	114	106	66	76	0.48
	-25	-13	36	76	77	57	75	0.54
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	31	65	68		49	

AIRIA BRANDS INC. (LIFEBREATH®)

Model: 155 ECM ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 6% Supply 8% Exhaust ● Low Temp. Imbalance Factor: 0.92

VENTILATION PERFORMANCE

EXT. 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	77	164	78	166	80	170
50	0.2	74	157	75	159	76	160
75	0.3	69	147	70	149	71	150
100	0.4	69	146	70	148	64	136
125	0.5	66	140	67	142	56	119
150	0.6	65	138	66	140	48	102
175	0.7	62	131	63	133	43	91
200	0.8	57	121	58	123	40	84

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	66	33	66	72	0.00
	0	+32	46	98	74	63	70	0.00
	0	+32	55	118	67	64	69	0.00
	-25	-13	31	66	36	67	79	0.01
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	31	66	33		18	

AIRIA BRANDS INC. (LIFEBREATH®)

Model: 195DCS ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.05 @100 Pa/0.4 in. wg 0.04 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 5% Supply 4.3% Exhaust ● Low Temp. Imbalance Factor: .93

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	101	216	108	229	103	219
50	0.2	92	195	97	207	96	205
75	0.3	85	181	91	193	90	192
100	0.4	74	158	79	168	84	179
125	0.5	68	144	72	153	77	164
150	0.6	59	125	63	133	69	146
175	0.7	50	107	53	114	61	130
200	0.8	34	72	36	76	51	109

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	35	73	74	82	92	0.10
	0	+32	46	98	88	78	88	0.07
	0	+32	54	114	98	78	86	0.05
	0	+32	73	155	123	75	82	0.02
	-25	-13	53	112	97	72	88	0.01

AIRIA BRANDS INC. (LIFEBREATH®)

Model: 195ECM ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.7
Exhaust Air Transfer Ratio: 0.05 @100 Pa/0.4 in. wg 0.04 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 5% Supply 5% Exhaust ● Low Temp. Imbalance Factor: 0.87

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	90	191	94	201	81	173
50	0.2	86	184	91	193	79	169
75	0.3	83	177	87	186	76	161
100	0.4	80	169	83	178	74	156
125	0.5	75	159	79	167	69	146
150	0.6	71	152	75	159	64	135

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	30	64	34	81	88	0.04
	0	+32	55	117	67	78	85	0.04
	-25	-13	55	117	74	69	87	0.03

AIRIA BRANDS INC. (LIFEBREATH®)

Model: 300DCS ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 2.9
Exhaust Air Transfer Ratio: 0.06 @100 Pa/0.4 in. wg 0.06 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 4% Supply 3% Exhaust ● Low Temp. Imbalance Factor: 0.90

VENTILATION PERFORMANCE

EXT. 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	110	232	117	247	123	261
50	02	100	212	107	226	117	248
75	0.3	96	202	102	215	112	238
100	0.4	86	183	92	195	105	222
125	0.5	77	163	82	174	95	202
150	0.6	68	144	72	153	88	187
175	0.7	58	123	62	131	79	166
200	0.8	43	92	46	98	68	144
225	0.9	36	76	38	81	55	117

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	55	117	118	79	90	0.14
	0	+32	66	140	132	77	88	0.05
	0	+32	96	203	207	74	85	0.04
	-25	-13	62	132	125	70	88	0.04

AIRIA BRANDS INC. (LIFEBREATH®)

Model: 95MAX ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 0.90
Exhaust Air Transfer Ratio: 0.10 @100 Pa/0.4 in. wg 0.08 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 15% Supply, 22% Exhaust Low ● Temp. Imbalance Factor: 1.00

VENTILATION PERFORMANCE

EXT. 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	36	76	40	84	49	104
50	0.2	34	73	38	81	48	101
75	0.3	33	70	37	78	46	98
100	0.4	31	66	34	73	44	94
125	0.5	29	60	32	67	43	91

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	28	60	59	75	88	-0.01
	0	+32	33	71	58	73	86	0.03
	0	+32	42	89	89	73	84	0.04
	-25	-13	29	61	76	68	86	0.02

AIRIA BRANDS INC. (LIFEBREATH®)

Model: 150 ERV ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.04 @100 Pa/0.4 in. wg 0.04 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: Supply - NA Exhaust - NA ● Low Temp. Imbalance Factor: NA

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	71	151	74	157	73	154
50	0.2	67	141	69	146	69	147
75	0.3	62	132	65	137	67	142
100	0.4	59	124	61	129	61	130
125	0.5	50	107	52	111	54	116
150	0.6	46	98	48	102	48	101
175	0.7	38	81	40	84	41	87
200	0.8	28	60	30	63	29	61

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	30	63	70	69	81	.50
	0	+32	45	96	94	67	76	.42
	0	+32	55	117	108	65	73	.38
	-25	-13						
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	30	65	68		47	

AIRIA BRANDS INC. (LIFEBREATH®)

Model: 155 MAX● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.04 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 3.7% Supply 13.8% Exhaust ● Low Temp. Imbalance Factor: 1.04

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	68	144	70	149	80	171
50	0.2	63	134	65	139	78	165
75	0.3	59	125	61	129	75	160
100	0.4	53	113	55	117	74	157
125	0.5	43	92	45	95	70	149
150	0.6	34	73	36	76	64	137
175	0.7	28	59	29	61	57	122

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	30	64	78	64	73	0.00
	0	+32	45	96	104	63	71	0.01
	0	+32	55	117	119	61	69	0.01
	-25	-13	35	74	96	66	78	0.00
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	29	62	77		17	

AIRIA BRANDS INC. (LIFEBREATH®)

Model: 155 MAXRX● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.04 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 3.7% Supply 13.8% Exhaust ● Low Temp. Imbalance Factor: 1.04

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	68	144	70	149	80	171
50	0.2	63	134	65	139	78	165
75	0.3	59	125	61	129	75	160
100	0.4	53	113	55	117	74	157
125	0.5	43	92	45	95	70	149
150	0.6	34	73	36	76	64	137
175	0.7	28	59	29	61	57	122

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	30	64	78	64	73	0.00
	0	+32	45	96	104	63	71	0.01
	0	+32	55	117	119	61	69	0.01
	-25	-13	35	74	96	66	78	0.00
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	29	62	77		17	

AIRIA BRANDS INC. (LIFEBREATH®)

Model: 200 ERV ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: NA @100 Pa/0.4 in. wg NA @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: NA% Supply NA% Exhaust ● Low Temp. Imbalance Factor: NA

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	85	180	89	189	90	191
50	0.2	80	169	83	176	84	179
75	0.3	74	157	77	164	79	167
100	0.4	69	146	72	152	71	150
125	0.5	62	132	65	138	63	134
150	0.6	56	118	58	123	56	119
175	0.7	48	101	50	105	48	102
200	0.8	39	82	41	86	42	89
225	0.9	22	47	24	50	32	68

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	66	68	72	81	.48
	0	+32	55	116	97	69	76	.61
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	30	65	64		47	
	+35	+95	55	117	98		50	

AIRIA BRANDS INC. (LIFEBREATH®)

Model: 200 MAX ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.04 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 2% Supply 11% Exhaust ● Low Temp. Imbalance Factor: 1.03

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	97	207	100	214	108	230
50	0.2	94	200	97	206	103	218
75	0.3	87	184	90	191	97	207
100	0.4	80	171	84	179	96	203
125	0.5	71	152	76	161	88	187
150	0.6	61	130	66	140	82	174
175	0.7	55	116	60	129	67	143
200	0.8	40	86	46	98	56	118

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	66	81	64	74	0.06
	0	+32	45	96	99	63	71	0.03
	0	+32	55	117	113	61	69	0.03
	-25	-13	51	109	119	62	73	0.01

AIRIA BRANDS INC. (LIFEBREATH®)

Model: 200 MAXRX ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.04 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 2% Supply 11% Exhaust ● Low Temp. Imbalance Factor: 1.03

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	97	207	100	214	108	230
50	0.2	94	200	97	206	103	218
75	0.3	87	184	90	191	97	207
100	0.4	80	171	84	179	96	203
125	0.5	71	152	76	161	88	187
150	0.6	61	130	66	140	82	174
175	0.7	55	116	60	129	67	143
200	0.8	40	86	46	98	56	118

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	66	81	64	74	0.06
	0	+32	45	96	99	63	71	0.03
	0	+32	55	117	113	61	69	0.03
	-25	-13	51	109	119	62	73	0.01

AIRIA BRANDS INC. (LIFEBREATH®)

Model: MAXTOP ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: --- @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 6% Supply 13% Exhaust ● Low Temp. Imbalance Factor: 1.03

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	93	196	94	199	93	197
50	0.2	89	188	90	190	88	186
75	0.3	84	178	85	181	83	176
100	0.4	78	165	79	167	77	163
125	0.5	70	149	71	151	73	154
150	0.6	62	131	63	133	63	134
175	0.7	51	109	52	110	51	108
200	0.8	37	79	38	80	41	86
225	0.9	23	48	23	49	22	47

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	31	65	74	69	80	-0.01
	0	+32	45	96	94	67	75	-0.01
	0	+32	55	117	105	64	72	-0.01
	-25	-13	31	67	84	70	83	0.03
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	30	64	72		22	

AIRIA BRANDS INC. (LIFEBREATH®)

Model: RNC5-TPD ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.2
Exhaust Air Transfer Ratio: 0.03 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 3% Supply 7% Exhaust ● Low Temp. Imbalance Factor: 0.92

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	74	156	70	160	67	153
50	0.2	69	146	71	150	69	146
75	0.3	63	134	65	137	60	128
100	0.4	59	124	61	127	60	122
125	0.5	54	115	56	117	54	114
150	0.6	49	104	51	106	49	102
175	0.7	45	95	47	98	45	94
200	0.8	40	85	41	87	40	77
225	0.9	33	69	34	71	33	68
250	1.0	27	58	28	60	28	60

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	31	66	74	61	74	0.01
	0	+32	40	85	86	61	73	0.01
	0	+32	55	117	140	56	69	0.01
	-25	-13	36	76	96	63	78	0.04

AIRIA BRANDS INC. (LIFEBREATH®)

Model: RNC5-TPF • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.2
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 11% Supply 0% Exhaust • Low Temp. Imbalance Factor: 0.78

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	82	174	83	176	82	174
50	0.2	77	165	78	166	77	162
75	0.3	73	154	73	156	71	150
100	0.4	67	143	68	145	65	138
125	0.5	62	132	63	133	60	126
150	0.6	56	120	57	121	54	114
175	0.7	51	107	51	108	48	102
200	0.8	45	95	45	96	43	90
225	0.9	39	83	39	83	37	78
250	1.0	33	71	34	71	31	66
275	1.1	28	60	28	60	26	54

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	32	30	64	60	66	75	0.02
	0	32	46	97	76	65	73	-0.03
	0	32	55	117	92	63	70	-0.02
	-25	-13	33	69	61	56	79	0.00

AIRIA BRANDS INC. (LIFEBREATH®)

Model: RNC10 • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 2% Supply 0% Exhaust • Low Temp. Imbalance Factor: n/a

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	83	177	83	177	88	187
50	0.2	77	164	77	164	84	179
75	0.3	73	156	73	156	85	181
100	0.4	67	143	67	143	83	176
125	0.5	58	123	58	123	81	171
150	0.6	47	100	47	100	74	158
175	0.7	18	38	18	38	70	149

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	32	32	67	78	66	76	-0.01
	0	32	44	94	95	64	72	-0.20
	0	32	56	118	110	60	68	-0.02
	-25	-13	32	68	82	60	78	0.08
							TOTAL RECOVERY EFFICIENCY	
COOLING	35	95	31	66	74		20	

AIRIA BRANDS INC. (LIFEBREATH®)

Model: RNC20 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 1% Supply 2% Exhaust ● Low Temp. Imbalance Factor: 0.97

VENTILATION PERFORMANCE

EXT. 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	101	214	102	216	97	206
50	0.2	97	206	98	208	93	197
75	0.3	91	193	93	197	88	186
100	0.4	87	184	88	186	82	174
125	0.5	80	170	81	172	75	159
150	0.6	73	155	74	157	67	142
175	0.7	65	137	65	138	54	114

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	68	144	114	59	66	0
	0	+32	63	133	109	58	66	0
	0	+32	56	119	100	60	67	0
	-25	-13	60	127	100	59	69	0
	-25	-13	55	117		60		

AIRIA BRANDS INC. (LIFEBREATH®)

Model: RNC95 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 0.90
Exhaust Air Transfer Ratio: 0.10 @100 Pa/0.4 in. wg 0.08 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 15% Supply, 22% Exhaust Low ● Temp. Imbalance Factor: 1.00

VENTILATION PERFORMANCE

EXT. 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	36	76	40	84	49	104
50	0.2	34	73	38	81	48	101
75	0.3	33	70	37	78	46	98
100	0.4	31	66	34	73	44	94
125	0.5	29	60	32	67	43	91

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	28	60	59	75	88	-0.01
	0	+32	33	71	58	73	86	0.03
	0	+32	42	89	89	73	84	0.04
	-25	-13	29	61	76	68	86	0.02

AIRIA BRANDS INC. (LIFEBREATH®)

Model: RNC120D ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 2.6% Supply 14.9% Exhaust ● Low Temp. Imbalance Factor: 6.5%

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	67	142	68	144	72	154
50	0.2	64	137	65	138	69	147
75	0.3	62	131	62	133	66	141
100	0.4	60	128	61	129	64	135
125	0.5	58	123	58	124	60	128
150	0.6	54	115	55	116	58	123
175	0.7	53	113	54	114	55	116
200	0.8	49	105	50	106	51	109
225	0.9	48	102	48	103	48	102
250	1.0	45	96	46	97	45	95
275	1.1	42	90	43	91	41	87
300	1.2	39	84	40	85	33	71

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	32	33	70	76	59	68	0.03
	0	32	42	89	94	57	67	0.03
	0	32	56	120	156	52	62	0.03
	-25	-13	32	67	109	56	72	0.01

AIRIA BRANDS INC. (LIFEBREATH®)

Model: RNC155● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.04 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 3.7% Supply 13.8% Exhaust ● Low Temp. Imbalance Factor: 1.04

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	68	144	70	149	80	171
50	0.2	63	134	65	139	78	165
75	0.3	59	125	61	129	75	160
100	0.4	53	113	55	117	74	157
125	0.5	43	92	45	95	70	149
150	0.6	34	73	36	76	64	137
175	0.7	28	59	29	61	57	122

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	30	64	78	64	73	0.00
	0	+32	45	96	104	63	71	0.01
	0	+32	55	117	119	61	69	0.01
	-25	-13	35	74	96	66	78	0.00
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	29	62	77		17	

AIRIA BRANDS INC. (LIFEBREATH®)

Model: RNC 200 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.04 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 2% Supply 11% Exhaust ● Low Temp. Imbalance Factor: 1.03

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm		cfm
25	0.1	97	207	100	214	108	230
50	0.2	94	200	97	206	103	218
75	0.3	87	184	90	191	97	207
100	0.4	80	171	84	179	96	203
125	0.5	71	152	76	161	88	187
150	0.6	61	130	66	140	82	174
175	0.7	55	116	60	129	67	143
200	0.8	40	86	46	98	56	118

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	66	81	64	74	0.06
	0	+32	45	96	99	63	71	0.03
	0	+32	55	117	113	61	69	0.03
	-25	-13	51	109	119	62	73	0.01

AIR KING

Model: AKERV150 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.04 @100 Pa/0.4 in. wg 0.04 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: Supply - NA Exhaust - NA ● Low Temp. Imbalance Factor: NA

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	71	151	74	157	73	154
50	0.2	67	141	69	146	69	147
75	0.3	62	132	65	137	67	142
100	0.4	59	124	61	129	61	130
125	0.5	50	107	52	111	54	116
150	0.6	46	98	48	102	48	101
175	0.7	38	81	40	84	41	87
200	0.8	28	60	30	63	29	61

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	30	63	70	69	81	.50
	0	+32	45	96	94	67	76	.42
	0	+32	55	117	108	65	73	.38
	-25	-13						
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	30	65	68		47	

AIR KING

Model: AKERV200 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: NA @100 Pa/0.4 in. wg NA @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: NA% Supply NA% Exhaust ● Low Temp. Imbalance Factor: NA

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	85	180	89	189	90	191
50	0.2	80	169	83	176	84	179
75	0.3	74	157	77	164	79	167
100	0.4	69	146	72	152	71	150
125	0.5	62	132	65	138	63	134
150	0.6	56	118	58	123	56	119
175	0.7	48	101	50	105	48	102
200	0.8	39	82	41	86	42	89
225	0.9	22	47	24	50	32	68

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	66	68	72	81	.48
	0	+32	55	116	97	69	76	.61
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	30	65	64		47	
	+35	+95	55	117	98		50	

AIR KING

Model: AKHRV149 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.2
Exhaust Air Transfer Ratio: 0.03 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 3% Supply 7% Exhaust ● Low Temp. Imbalance Factor: 0.92

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	74	156	70	160	67	153
50	0.2	69	146	71	150	69	146
75	0.3	63	134	65	137	60	128
100	0.4	59	124	61	127	60	122
125	0.5	54	115	56	117	54	114
150	0.6	49	104	51	106	49	102
175	0.7	45	95	47	98	45	94
200	0.8	40	85	41	87	40	77
225	0.9	33	69	34	71	33	68

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	66	74	61	74	0.01
	0	+32	40	85	86	61	73	0.01
	0	+32	55	117	140	56	69	0.01
	-25	-13	36	76	96	63	78	0.04

AIR KING

Model: AKHRV155● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.04 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 3.7% Supply 13.8% Exhaust ● Low Temp. Imbalance Factor: 1.04

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	68	144	70	149	80	171
50	0.2	63	134	65	139	78	165
75	0.3	59	125	61	129	75	160
100	0.4	53	113	55	117	74	157
125	0.5	43	92	45	95	70	149
150	0.6	34	73	36	76	64	137
175	0.7	28	59	29	61	57	122

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	30	64	78	64	73	0.00
	0	+32	45	96	104	63	71	0.01
	0	+32	55	117	119	61	69	0.01
	-25	-13	35	74	96	66	78	0.00
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	29	62	77		17	

AIR KING

Model: AKHRV200 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.04 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 2% Supply 11% Exhaust ● Low Temp. Imbalance Factor: 1.03

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	97	207	100	214	108	230
50	0.2	94	200	97	206	103	218
75	0.3	87	184	90	191	97	207
100	0.4	80	171	84	179	96	203
125	0.5	71	152	76	161	88	187
150	0.6	61	130	66	140	82	174
175	0.7	55	116	60	129	67	143
200	0.8	40	86	46	98	56	118

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	66	81	64	74	0.06
:	0	+32	45	96	99	63	71	0.03
	0	+32	55	117	113	61	69	0.03
	-25	-13	51	109	119	62	73	0.01

AIRTECH-107

Model: H-140 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 0.9
Exhaust Air Transfer Ratio: 0.001 @ 100 Pa / 0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	57	122	58	123	56	120
50	0.2	52	110	52	111	49	105
75	0.3	46	99	47	100	44	93
100	0.4	41	87	41	87	36	76
125	0.5	34	73	34	73	31	65
150	0.6	26	54	26	55	21	44

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	66	52	71	80	0.60
	0	+32	41	88	68	67	76	0.55
	0	+32	48	103	90	65	73	0.53
	-25	-13						
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	30	64		52	55	
	+35	+95						

ALPINE PURE

Model: APERV200H ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: NA @100 Pa/0.4 in. wg NA @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: NA% Supply NA% Exhaust ● Low Temp. Imbalance Factor: NA

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	85	180	89	189	90	191
50	0.2	80	169	83	176	84	179
75	0.3	74	157	77	164	79	167
100	0.4	69	146	72	152	71	150
125	0.5	62	132	65	138	63	134
150	0.6	56	118	58	123	56	119
175	0.7	48	101	50	105	48	102
200	0.8	39	82	41	86	42	89
225	0.9	22	47	24	50	32	68

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	66	68	72	81	.48
	0	+32	55	116	97	69	76	.61
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	30	65	64		47	
	+35	+95	55	117	98		50	

ALPINE PURE

Model: APHRV150V● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.2
Exhaust Air Transfer Ratio: 0.03 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 3% Supply 7% Exhaust ● Low Temp. Imbalance Factor: 0.92

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	74	156	70	160	67	153
50	0.2	69	146	71	150	69	146
75	0.3	63	134	65	137	60	128
100	0.4	59	124	61	127	60	122
125	0.5	54	115	56	117	54	114
150	0.6	49	104	51	106	49	102
175	0.7	45	95	47	98	45	94
200	0.8	40	85	41	87	40	77
225	0.9	33	69	34	71	33	68
250	1.0	27	58	28	60	28	60

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	66	74	61	74	0.01
	0	+32	40	85	86	61	73	0.01
	0	+32	55	117	140	56	69	0.01
	-25	-13	36	76	96	63	78	0.04

ALPINE PURE

Model: APHRV200H ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.04 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 2% Supply 11% Exhaust ● Low Temp. Imbalance Factor: 1.03

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	97	207	100	214	108	230
50	0.2	94	200	97	206	103	218
75	0.3	87	184	90	191	97	207
100	0.4	80	171	84	179	96	203
125	0.5	71	152	76	161	88	187
150	0.6	61	130	66	140	82	174
175	0.7	55	116	60	129	67	143
200	0.8	40	86	46	98	56	118

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	66	81	64	74	0.06
	0	+32	45	96	99	63	71	0.03
	0	+32	55	117	113	61	69	0.03
	-25	-13	51	109	119	62	73	0.01

ALPINE PURE

Model: APHRV300H • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 2.9
Exhaust Air Transfer Ratio: 0.06 @100 Pa/0.4 in. wg 0.06 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 4% Supply 3% Exhaust • Low Temp. Imbalance Factor: 0.90

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	110	232	117	247	123	261
50	02	100	212	107	226	117	248
75	0.3	96	202	102	215	112	238
100	0.4	86	183	92	195	105	222
125	0.5	77	163	82	174	95	202
150	0.6	68	144	72	153	88	187
175	0.7	58	123	62	131	79	166
200	0.8	43	92	46	98	68	144
225	0.9	36	76	38	81	55	117

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	55	117	118	79	90	0.14
	0	+32	66	140	132	77	88	0.05
	0	+32	96	203	207	74	85	0.04
	-25	-13	62	132	125	70	88	0.04
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95					Not tested	

AMANA BRAND INDOOR AIR QUALITY PRODUCTS

Model: HRV150 • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: 0.03 @100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 5% Supply 0% Exhaust • Low Temp. Imbalance Factor: 0.82

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	85	181	87	184	84	180
50	0.2	80	170	82	174	79	169
75	0.3	75	159	76	162	75	159
100	0.4	70	149	71	151	68	146
125	0.5	65	138	66	141	64	136
150	0.6	60	128	61	130	59	125
175	0.7	55	116	56	119	54	114
200	0.8	49	104	50	106	47	100
225	0.9	43	91	43	92	41	87
250	1.0	36	77	37	79	35	75
275	1.1	30	63	30	64	29	61
300	1.2	23	49	24	50	22	46

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	32	31	67	72	60	73	-0.11
	0	32	51	109	98	59	70	0.00
	0	32	76	161	144	55	63	0.00
	-25	-13	32	68	73	56	77	-0.02

AMANA BRAND INDOOR AIR QUALITY PRODUCTS

Model: HRV150D ● Options Installed: Damper
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 12% Supply 14% Exhaust ● Low Temp. Imbalance Factor: 0.96

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	78	167	80	169	86	182
50	0.2	74	158	75	160	79	168
75	0.3	71	150	72	152	75	160
100	0.4	67	142	68	144	68	145
125	0.5	65	137	66	140	63	135
150	0.6	58	124	59	126	58	123
175	0.7	52	110	53	112	52	110
200	0.8	47	100	48	101	46	98
225	0.9	42	89	43	91	40	84
250	1.0	36	76	36	77	34	71
275	1.1	28	60	28	60	27	58

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	31	65	72	59	73	0.01
	0	+32	49	104	102	61	70	0.00
	0	+32	76	161	148	58	66	-0.01
	-25	-13	32	68	96	61	77	0.02

AMANA BRAND INDOOR AIR QUALITY PRODUCTS

Model: HRV200 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 2.1
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 8% Supply 0% Exhaust ● Low Temp. Imbalance Factor: 0.81

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	114	243	116	246	120	254
50	0.2	109	230	110	233	115	244
75	0.3	103	218	104	221	106	225
100	0.4	95	201	96	204	101	215
125	0.5	86	182	87	185	94	199
150	0.6	78	166	79	168	87	184
175	0.7	71	151	72	154	79	168
200	0.8	65	137	66	139	71	151
225	0.9	59	125	60	127	64	136
250	1.0	53	112	53	113	56	118
275	1.1	46	98	47	99	51	108
300	1.2	42	88	42	90	44	93
325	1.3	37	78	37	79	39	83
350	1.4	31	66	32	67	35	75
375	1.5	26	55	26	56	30	63

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	31	65	108	62	77	0.06
	0	+32	55	117	154	62	74	0.07
	0	+32	90	191	246	60	71	0.00
	-25	-13	61	129	154	59	79	0.00

AMANA BRAND INDOOR AIR QUALITY PRODUCTS

Model: HRV200D ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 2.1
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 8% Supply 18% Exhaust ● Low Temp. Imbalance Factor: 1.09

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	114	243	116	246	120	254
50	0.2	109	230	110	233	115	244
75	0.3	103	218	104	221	106	225
100	0.4	95	201	96	204	101	215
125	0.5	86	182	87	185	94	199
150	0.6	78	166	79	168	87	184
175	0.7	71	151	72	154	79	168
200	0.8	65	137	66	139	71	151
225	0.9	59	125	60	127	64	136
250	1.0	53	112	53	113	56	118
275	1.1	46	98	47	99	51	108
300	1.2	42	88	42	90	44	93
325	1.3	37	78	37	79	39	83
350	1.4	31	66	32	67	35	75
375	1.5	26	55	26	56	30	63

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	31	65	108	62	77	0.06
	0	+32	55	117	154	62	74	0.07
	0	+32	90	191	246	60	71	0.00
	-25	-13	59	126	141	64	81	0.01

AMANA BRAND INDOOR AIR QUALITY PRODUCTS

Model: HRV300D ● Options Installed: None
Electrical Requirements: Volts: 115 Amps: 2.7
Exhaust Air Transfer Ratio: --- @100 Pa/0.4 in. wg --- @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 7% Supply 9% Exhaust ● Low Temp. Imbalance Factor: 0.96

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	126	268	131	277	139	294
50	0.2	124	262	127	270	132	279
75	0.3	116	246	119	253	126	266
100	0.4	109	231	112	238	117	247
125	0.5	103	219	107	226	111	236
150	0.6	96	204	100	211	101	215
175	0.7	93	196	95	202	101	213
200	0.8	89	188	92	194	94	200
250	1.0	77	163	79	168	82	174
300	1.2	69	147	71	151	71	151
350	1.4	56	118	57	121	58	123

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	30	64	126	76	91	.02
	0	+32	55	117	212	78	92	.01
	0	+32	74	157	262	78	91	-.09
	-25	-13	57	121	224	72	91	.09
	-25	-13	55	117	220	72	--	--
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	54	115	206		18	
	+35	+95	74	159	260		17	

AMERICAN ALDES VENTILATION CORPORATION

Model: LT15 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 2% Supply 0% Exhaust ● Low Temp. Imbalance Factor: n/a

VENTILATION PERFORMANCE

EXT. 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	83	177	83	177	88	187
50	0.2	77	164	77	164	84	179
75	0.3	73	156	73	156	85	181
100	0.4	67	143	67	143	83	176
125	0.5	58	123	58	123	81	171
150	0.6	47	100	47	100	74	158
175	0.7	18	38	18	38	70	149

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	32	32	67	78	66	76	-0.01
	0	32	44	94	95	64	72	-0.20
	0	32	56	118	110	60	68	-0.02
	-25	-13	32	68	82	60	78	0.08
							TOTAL RECOVERY EFFICIENCY	
COOLING	35	95	31	66	74		20	

AMERICAN ALDES VENTILATION CORPORATION

Model: LT20 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 1% Supply 2% Exhaust ● Low Temp. Imbalance Factor: 0.967

VENTILATION PERFORMANCE

EXT. 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	101	214	102	216	97	206
50	0.2	97	206	98	208	93	197
75	0.3	91	193	93	197	88	186
100	0.4	87	184	88	186	82	174
125	0.5	80	170	81	172	75	159
150	0.6	73	155	74	157	67	142
175	0.7	65	137	65	138	54	114

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	68	144	114	59	66	0
	0	+32	63	133	109	58	66	0
	0	+32	56	119	100	60	67	0
	-25	-13	60	127	100	59	69	0
	-25	-13	55	117		60		

AMERICAN ALDES VENTILATION CORPORATION

Model: 95 SRD • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 0.90
Exhaust Air Transfer Ratio: 0.10 @100 Pa/0.4 in. wg 0.08 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 15% Supply, 22% Exhaust Low • Temp. Imbalance Factor: 1.00

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	36	76	40	84	49	104
50	0.2	34	73	38	81	48	101
75	0.3	33	70	37	78	46	98
100	0.4	31	66	34	73	44	94
125	0.5	29	60	32	67	43	91

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	28	60	59	75	88	-0.01
	0	+32	33	71	58	73	86	0.03
	0	+32	42	89	89	73	84	0.04
	-25	-13	29	61	76	68	86	0.02

AMERICAN ALDES VENTILATION CORPORATION

Model: 120 SRD • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 2.6% Supply 14.9% Exhaust • Low Temp. Imbalance Factor: .065

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	67	142	68	144	72	154
50	0.2	64	137	65	138	69	147
75	0.3	62	131	62	133	66	141
100	0.4	60	128	61	129	64	135
125	0.5	58	123	58	124	60	128
150	0.6	54	115	55	116	58	123
175	0.7	53	113	54	114	55	116
200	0.8	49	105	50	106	51	109
225	0.9	48	102	48	103	48	102
250	1.0	45	96	46	97	45	95
275	1.1	42	90	43	91	41	87
300	1.2	39	84	40	85	33	71

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	33	70	76	59	68	0.03
	0	+32	42	89	94	57	67	0.03
	0	+32	56	120	156	52	62	0.03
	-25	-13	32	67	109	56	72	0.01

AMERICAN ALDES VENTILATION CORPORATION

Model: 155 SRD● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.04 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 3.7% Supply 13.8% Exhaust ● Low Temp. Imbalance Factor: 1.04

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	68	144	70	149	80	171
50	0.2	63	134	65	139	78	165
75	0.3	59	125	61	129	75	160
100	0.4	53	113	55	117	74	157
125	0.5	43	92	45	95	70	149
150	0.6	34	73	36	76	64	137
175	0.7	28	59	29	61	57	122

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	30	64	78	64	73	0.00
	0	+32	45	96	104	63	71	0.01
	0	+32	55	117	119	61	69	0.01
	-25	-13	35	74	96	66	78	0.00
COOLING							TOTAL RECOVERY EFFICIENCY	
	+35	+95	29	62	77		17	

AMERICAN ALDES VENTILATION CORPORATION

Model: 200S ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: NA @100 Pa/0.4 in. wg NA @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: NA% Supply NA% Exhaust ● Low Temp. Imbalance Factor: NA

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	85	180	89	189	90	191
50	0.2	80	169	83	176	84	179
75	0.3	74	157	77	164	79	167
100	0.4	69	146	72	152	71	150
125	0.5	62	132	65	138	63	134
150	0.6	56	118	58	123	56	119
175	0.7	48	101	50	105	48	102
200	0.8	39	82	41	86	42	89
225	0.9	22	47	24	50	32	68

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	66	68	72	81	.48
	0	+32	55	116	97	69	76	.61
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	30	65	64		47	
	+35	+95	55	117	98		50	

AMERICAN ALDES VENTILATION CORPORATION

Model: 200 SRD • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.04 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 2% Supply 11% Exhaust • Low Temp. Imbalance Factor: 1.03

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	97	207	100	214	108	230
50	0.2	94	200	97	206	103	218
75	0.3	87	184	90	191	97	207
100	0.4	80	171	84	179	96	203
125	0.5	71	152	76	161	88	187
150	0.6	61	130	66	140	82	174
175	0.7	55	116	60	129	67	143
200	0.8	40	86	46	98	56	118

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	31	66	81	64	74	0.06
	0	+32	45	96	99	63	71	0.03
	0	+32	55	117	113	61	69	0.03
	-25	-13	51	109	119	62	73	0.01

AMERICAN ALDES VENTILATION CORPORATION

Model: 300DDD • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 2.9
Exhaust Air Transfer Ratio: 0.06 @100 Pa/0.4 in. wg 0.06 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 4% Supply 3% Exhaust • Low Temp. Imbalance Factor: 0.90

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	110	232	117	247	123	261
50	02	100	212	107	226	117	248
75	0.3	96	202	102	215	112	238
100	0.4	86	183	92	195	105	222
125	0.5	77	163	82	174	95	202
150	0.6	68	144	72	153	88	187
175	0.7	58	123	62	131	79	166
200	0.8	43	92	46	98	68	144
225	0.9	36	76	38	81	55	117

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	55	117	118	79	90	0.14
	0	+32	66	140	132	77	88	0.05
	0	+32	96	203	207	74	85	0.04
	-25	-13	62	132	125	70	88	0.04
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95					Not tested	

AMERICAN STANDARD

Model Number: AERVR100 • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: 0.02 @ 100 Pa/0.4 in. wg 0.02 @ 50 Pa/0.2 in. wg

VENTILATION PERFORMANCE

EXT. 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	77	165	79	168	79	168
50	0.2	72	153	73	156	73	156
75	0.3	64	137	66	140	66	140
100	0.4	59	126	61	129	61	129
125	0.5	49	104	50	106	50	106
150	0.6	37	79	38	81	38	81

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	61	130	102	71	77	0.53
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	61	130	102		48	

AMERICAN STANDARD

Model Number: AERVR200 • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.03 @ 100 Pa /0.4 in. wg 0.03 @ 50 Pa/0.2 in. wg

VENTILATION PERFORMANCE

EXT. 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	97	207	100	213	109	232
50	0.2	90	192	93	199	104	221
75	0.3	88	186	90	192	101	216
100	0.4	83	176	85	181	96	204
125	0.5	79	168	81	173	88	187
150	0.6	70	149	72	154	76	162
175	0.7	57	122	59	126	68	145

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	85	181	157	78	85	0.62
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	85	180	155		52	

AMERICAN STANDARD

Model Number: AERVR300 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 3.3
Exhaust Air Transfer Ratio: 0.02 @ 100 Pa/0.4 in. wg --- @ 50 Pa/0.2 in. wg

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
100	0.4	147	311	150	317	143	303
125	0.5	139	295	142	301	133	283
150	0.6	131	277	133	282	125	265
175	0.7	121	256	123	261	108	230
200	0.8	101	215	103	219	94	198
225	0.9	90	191	92	195	74	156
250	1.0	80	170	82	174	47	99

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	139	297	315	67	74	0.54
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	138	294	313		46	

BROAN – NUTONE LLC

Model: ERV90HCS ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.0
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 34.1% Supply 33.0% Exhaust ● Low Temp. Imbalance Factor: 1.06

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	55	116	56	119	55	116
50	0.2	53	113	54	115	53	112
75	0.3	51	108	52	111	51	108
100	0.4	50	105	51	108	50	105
125	0.5	48	102	50	105	47	100
150	0.6	46	97	47	99	45	95
175	0.7	44	94	45	96	43	92
200	0.8	42	89	43	92	41	87
225	0.9	40	85	41	87	40	85
250	1.0	38	80	39	83	37	78

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	21	45	42	68	79	0.63
	0	+32	27	58	46	68	76	0.58
	0	+32	41	87	70	63	71	0.48
	-25	-13	22	47	58	55	78	0.60
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	21	44	42		52	

BROAN – NUTONE LLC

Model: ERV90HCT● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.0
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 34.1% Supply 33.0% Exhaust ● Low Temp. Imbalance Factor: 1.06

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	55	116	56	119	55	116
50	0.2	53	113	54	115	53	112
75	0.3	51	108	52	111	51	108
100	0.4	50	105	51	108	50	105
125	0.5	48	102	50	105	47	100
150	0.6	46	97	47	99	45	95
175	0.7	44	94	45	96	43	92
200	0.8	42	89	43	92	41	87
225	0.9	40	85	41	87	40	85
250	1.0	38	80	39	83	37	78

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	21	45	42	68	79	0.63
	0	+32	27	58	46	68	76	0.58
	0	+32	41	87	70	63	71	0.48
	-25	-13	22	47	58	55	78	0.60
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	21	44	42		52	

BROAN - NUTONE LLC

Model: ERV 100 HC ● Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: --- @100 Pa/0.4 in. wg 0.07 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 22.6% Supply 25.2% Exhaust ● Low Temp. Imbalance Factor: 1.08

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	76	162	81	171	86	183
50	0.2	70	149	74	157	79	169
75	0.3	64	136	68	144	71	151
100	0.4	58	123	61	130	61	130
125	0.5	50	106	53	113	51	109
150	0.6	39	83	41	88	42	89
175	0.7	31	65	32	69	22	47

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	30	64	62	68	80	0.53
	0	+32	45	96	82	67	77	0.42
	0	+32	61	131	124	64	73	0.37
	-25	-13	37	78	100	55	78	0.60
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	30	64	60		49	

BROAN - NUTONE LLC

Model: ERV 200 HC ● Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 1.9
Exhaust Air Transfer Ratio: ---- @100 Pa/0.4 in. wg 0.06 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 0% Supply 0% Exhaust ● Low Temp. Imbalance Factor: 0.84

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	109	231	116	245	128	271
50	0.2	108	228	114	241	123	260
75	0.3	101	214	107	227	118	249
100	0.4	95	201	101	213	110	233
125	0.5	86	182	91	193	102	217
150	0.6	79	167	84	177	92	195
175	0.7	62	132	66	140	81	172
200	0.8	40	85	42	90	55	116

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	52	110	93	69	76	0.45
	0	+32	74	157	130	64	71	0.38
	0	+32	96	203	193	60	68	0.30
	-15	5	52	110	122	55	76	0.26
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	50	106	89		41	

BROAN – NUTONE LLC

Model: Guardian Plus HR 2.6 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.6
Exhaust Air Transfer Ratio: 0.05 @100 Pa/0.4 in. wg --- @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 3.6% Supply 4.2% Exhaust ● Low Temp. Imbalance Factor: 1.20

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	54	114	56	119	52	110
50	0.2	53	112	55	117	50	106
75	0.3	50	106	52	111	49	103
100	0.4	49	104	51	109	47	99
125	0.5	47	99	49	103	45	95
150	0.6	45	96	48	101	43	91
175	0.7	44	93	46	98	41	87
200	0.8	42	88	44	93	38	80
225	0.9	41	87	43	91	36	76
250	1.0	38	81	40	85	34	71

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	24	52	116	63	85	0.02
	0	+32	35	74	147	59	75	0.05
	0	+32	44	94	189	57	75	0.01
	-25	-13	16	35	114	58	95	0.01

BROAN – NUTONE LLC

Model: HRV90HS ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.0
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 21.8% Supply 32.9% Exhaust ● Low Temp. Imbalance Factor: 1.1

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	52	110	53	112	57	121
50	0.2	50	108	51	108	54	115
75	0.3	48	102	49	104	52	110
100	0.4	46	97	47	100	50	106
125	0.5	44	93	45	95	48	103
150	0.6	41	87	42	89	46	97
175	0.7	39	82	39	84	44	92
200	0.8	37	79	38	81	42	90
225	0.9	36	76	37	77	40	84
250	1.0	33	70	34	72	37	79
275	1.1	32	67	32	68	36	77
300	1.2	28	60	29	61	34	72

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	18	39	37	66	78	0.03
	0	+32	24	50	44	65	74	0.01
	0	+32	40	85	68	59	68	0.01
	-25	-13	23	48	56	57	84	0.03

BROAN – NUTONE LLC

Model: HRV90HT ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.0
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 21.8% Supply 32.9% Exhaust ● Low Temp. Imbalance Factor: 1.1

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	52	110	53	112	57	121
50	0.2	50	108	51	108	54	115
75	0.3	48	102	49	104	52	110
100	0.4	46	97	47	100	50	106
125	0.5	44	93	45	95	48	103
150	0.6	41	87	42	89	46	97
175	0.7	39	82	39	84	44	92
200	0.8	37	79	38	81	42	90
225	0.9	36	76	37	77	40	84
250	1.0	33	70	34	72	37	79
275	1.1	32	67	32	68	36	77
300	1.2	28	60	29	61	34	72

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	18	39	37	66	78	0.03
	0	+32	24	50	44	65	74	0.01
	0	+32	40	85	68	59	68	0.01
	-25	-13	23	48	56	57	84	0.03

BROAN – NUTONE LLC

Model: HRV 100H ● Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: 0.05 @100 Pa/0.4 in. wg --- @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 9% Supply 22% Exhaust ● Low Temp. Imbalance Factor: 1.00

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	84	177	88	186	90	190
50	0.2	80	169	84	178	86	182
75	0.3	77	163	81	171	81	171
100	0.4	69	146	72	153	76	161
125	0.5	61	130	65	137	66	139
150	0.6	46	98	49	103	52	110
175	0.7	38	81	40	85	32	67

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	30	64	54	75	83	-0.03
	0	+32	46	97	78	67	74	0.01
	0	+32	65	138	124	64	72	-0.02
	-25	-13	26	55	62	67	89	0.05

BROAN - NUTONE LLC

Model: HRV 200H ● Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 1.9
Exhaust Air Transfer Ratio: --- @100 Pa/0.4 in. wg 0.04 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 0% Supply 23% Exhaust ● Low Temp. Imbalance Factor: 1.00

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
50	0.2	119	253	125	264	126	268
75	0.3	118	250	124	262	118	251
100	0.4	111	235	116	245	114	241
125	0.5	102	216	106	224	107	226
150	0.6	87	185	91	193	96	204
175	0.7	76	160	79	167	81	172
200	0.8	57	120	59	124	57	121

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	51	109	92	70	77	-0.01
	0	+32	73	155	128	65	72	-0.02
	0	+32	102	215	191	62	70	-0.01
	-25	-13	52	110	104	60	94	0.05

BRYANT

Model: ERVBBLHA1200-A ● Options Installed:
Electrical Requirements: Volts: 120 Amps: 2.1
Exhaust Air Transfer Ratio: 0.01 @ 100 Pa/0.4 in. wg .01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 24.8% Supply 43% Exhaust ● Low Temp. Imbalance Factor: 1.28

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	105	222	106	225	106	225
50	0.2	99	209	100	212	104	220
75	0.3	93	198	94	200	100	212
100	0.4	86	183	88	186	93	198
125	0.5	76	162	78	165	87	185
150	0.6	70	148	71	150	75	158
175	0.7	60	128	61	130	56	119
200	0.8	50	107	51	108	29	61

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	39	80	84	60	72	0.60
	0	+32	54	114	113	58	69	0.53
	0	+32	79	167	169	56	66	0.45
	-25	-13	31	65	116	41	86	0.47
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	39	82	81		52	
	+35	+95						

BRYANT

Model: ERVBBSHB1100-A ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.0
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 26.3% Supply 22.1% Exhaust ● Low Temp. Imbalance Factor: 1.04

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	54	115	55	117	55	117
50	0.2	53	112	54	115	54	114
75	0.3	51	109	53	111	52	110
100	0.4	49	105	50	106	50	106
125	0.5	48	102	49	104	49	103
150	0.6	45	96	47	99	47	99
175	0.7	44	93	45	94	45	94
200	0.8	42	89	43	92	42	88
225	0.9	40	85	41	87	41	87
250	1.0	38	81	39	82	38	81

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	23	49	42	67	79	0.61
	0	+32	30	64	60	65	75	0.55
	0	+32	40	84	72	63	71	0.48
	-25	-13	21	45	58	60	75	0.60
	-25	-13	30	64	71	55	71	0.57
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	21	44	42		50	

BRYANT

Model: ERVBBSVB1100-A ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.0
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 26.3% Supply 22.1% Exhaust ● Low Temp. Imbalance Factor: 1.04

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	54	115	55	117	55	117
50	0.2	53	112	54	115	54	114
75	0.3	51	109	53	111	52	110
100	0.4	49	105	50	106	50	106
125	0.5	48	102	49	104	49	103
150	0.6	45	96	47	99	47	99
175	0.7	44	93	45	94	45	94
200	0.8	42	89	43	92	42	88
225	0.9	40	85	41	87	41	87
250	1.0	38	81	39	82	38	81

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	23	49	42	67	79	0.61
	0	+32	30	64	60	65	75	0.55
	0	+32	40	84	72	63	71	0.48
	-25	-13	21	45	58	60	75	0.60
	-25	-13	30	64	71	55	71	0.57
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	21	44	42		50	

BRYANT

Model: HRVBBLHA1150-A ● Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 12% Supply 21% Exhaust ● Low Temp. Imbalance Factor: 1.01

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	85	180	86	182	92	194
50	0.2	82	174	82	175	86	182
75	0.3	77	163	77	164	81	171
100	0.4	71	150	71	151	71	151
125	0.5	67	141	67	142	57	120
150	0.6	60	128	61	130	40	85
175	0.7	51	108	52	110	27	57

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	66	62	67	79	-0.01
	0	+32	40	86	75	64	75	-0.01
	0	+32	57	120	90	61	70	-0.01
	-25	-13	38	81	83	60	76	0.02

BRYANT

Model: HRVBBLHA1250-A ● Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 2.1
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg --- @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 10% Supply 13% Exhaust ● Low Temp. Imbalance Factor: 0.90

VENTILATION PERFORMANCE

EXT. 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	110	234	112	237	112	237
50	0.2	103	219	105	223	106	225
75	0.3	98	208	100	211	99	210
100	0.4	89	189	91	192	91	193
125	0.5	84	177	85	180	82	174
150	0.6	71	151	72	153	70	149
175	0.7	64	136	65	138	44	94

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	66	85	69	81	-0.01
	0	+32	56	119	124	60	70	-0.01
	0	+32	86	182	197	53	62	-0.01
	-25	-13	34	72	114	62	80	0.08

BRYANT

Model: HRVBBLVU1330-B ●·Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 4.6
Exhaust Air Transfer Ratio: --- @100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 13.3% Supply 15.8% Exhaust ●·Low Temp. Imbalance Factor: 0.99

VENTILATION PERFORMANCE

EXT. 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	168	357	172	364	148	314
50	0.2	166	352	170	360	139	294
75	0.3	158	334	160	340	132	279
100	0.4	151	321	155	328	126	266
125	0.5	142	300	144	306	117	247
150	0.6	136	288	139	294	109	232
175	0.7	126	267	128	272	100	211
200	0.8	116	246	118	251	93	198
225	0.9	103	219	105	223	84	179
250	1.0	82	173	84	177	74	157
275	1.1	63	133	64	136	33	70

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	55	117	219	80	94	0.07
	0	+32	86	183	290	74	86	0.02
	0	+32	117	249	436	70	83	-0.01
	-25	-13	55	117	264	74	89	0.17
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	85	181	286		12	
	+35	+95	115	245	434		9	

BRYANT

Model: HRVBBSHB1100-A ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.0
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.009 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 13.3% Supply 19.3% Exhaust ● Low Temp. Imbalance Factor: 1.01

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	53	111	53	112	57	120
50	0.2	51	107	51	108	54	114
75	0.3	48	101	48	102	52	110
100	0.4	46	98	47	99	49	105
125	0.5	43	91	43	92	47	100
150	0.6	41	88	42	88	45	96
175	0.7	39	82	39	83	43	91
200	0.8	37	79	38	80	40	85
225	0.9	34	73	35	74	37	79
250	1.0	34	71	34	72	36	76
275	1.1	31	65	31	65	34	72
300	1.2	29	61	29	62	32	68

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	23	50	43	65	74	0.01
	0	+32	30	64	58	62	70	0.01
	0	+32	39	83	70	59	66	0.01
	-25	-13	21	45	56	60	78	0.01
	-25	-13	30	64	64	55	72	0.00

BRYANT

Model: HRVBBSVB1100-A ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.0
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.009 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 13.3% Supply 19.3% Exhaust ● Low Temp. Imbalance Factor: 1.01

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	53	111	53	112	57	120
50	0.2	51	107	51	108	54	114
75	0.3	48	101	48	102	52	110
100	0.4	46	98	47	99	49	105
125	0.5	43	91	43	92	47	100
150	0.6	41	88	42	88	45	96
175	0.7	39	82	39	83	43	91
200	0.8	37	79	38	80	40	85
225	0.9	34	73	35	74	37	79
250	1.0	34	71	34	72	36	76
275	1.1	31	65	31	65	34	72
300	1.2	29	61	29	62	32	68

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	23	50	43	65	74	0.01
	0	+32	30	64	58	62	70	0.01
	0	+32	39	83	70	59	66	0.01
	-25	-13	21	45	56	60	78	0.01
	-25	-13	30	64	64	55	72	0.00

BRYANT

Model: HRVXXLHB1150-A ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 16% Supply 21% Exhaust ● Low Temp. Imbalance Factor: 1.01

VENTILATION PERFORMANCE

EXT. 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	85	180	86	182	92	194
50	0.2	82	174	82	175	86	182
75	0.3	77	163	77	164	81	171
100	0.4	71	150	71	151	71	151
125	0.5	67	141	67	142	57	120
150	0.6	60	128	61	130	40	85
175	0.7	51	108	52	110	27	57

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	66	67	67	79	-0.01
	0	+32	40	86	74	65	75	-0.01
	0	+32	54	115	90	61	70	-0.01
	-25	-13	38	81	87	60	76	0.02

BRYANT

Model: HRVXXLHB1200 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 2.1
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 25% Supply 43% Exhaust ● Low Temp. Imbalance Factor: 1.28

VENTILATION PERFORMANCE

EXT. 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	105	222	106	225	106	225
50	0.2	99	209	100	212	104	220
75	0.3	93	198	94	200	100	212
100	0.4	86	183	88	186	93	198
125	0.5	76	162	78	165	87	185
150	0.6	70	148	71	150	75	158
175	0.7	60	128	61	130	56	119
200	0.8	50	107	51	108	29	61

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	38	80	84	60	72	60
	0	+32	54	114	113	58	69	53
	0	+32	79	167	169	56	66	45
	-25	-13	31	65	116	41	86	47
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	39	82	81		52	

BRYANT

Model: HRVXXLHB1250-A ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: 0.00 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 9% Supply 20% Exhaust ● Low Temp. Imbalance Factor: 1.02

VENTILATION PERFORMANCE

EXT. 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	106	225	107	227	118	249
50	0.2	102	215	102	216	115	243
75	0.3	96	204	97	205	111	235
100	0.4	90	192	91	193	107	226
125	0.5	83	177	84	179	100	211
150	0.6	76	161	76	162	89	189
175	0.7	67	142	67	143	75	159

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	39	82	71	65	75	0.01
	0	+32	61	130	129	60	69	0.01
	-25	-13	40	84	114	60	76	0.03

BRYANT

Model: HRVXXSVU1157 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.0
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 21% Supply 31% Exhaust ● Low Temp. Imbalance Factor: 1.1

VENTILATION PERFORMANCE

EXT. 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	92	195	91	194
50	0.2	86	182	86	183	86	182
75	0.3	80	170	81	171	80	169
100	0.4	74	157	74	158	74	157
125	0.5	67	142	67	143	69	147
150	0.6	62	132	62	133	63	133
175	0.7	55	117	56	118	57	120
200	0.8	47	101	48	101	49	104
225	0.9	40	86	41	87	43	92
250	1.0	33	71	34	71	35	74

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	32	67	56	70	78	0.00
	0	+32	40	86	64	68	75	0.01
	0	+32	56	120	86	64	70	0.01
	-25	-13	30	63	79	61	83	0.01

CARRIER CORPORATION

Model: ERVCCLHA1200-A ● Options Installed:
Electrical Requirements: Volts: 120 Amps: 2.1
Exhaust Air Transfer Ratio: 0.01 @ 100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 25% Supply 43% Exhaust ● Low Temp. Imbalance Factor: 1.28

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	105	222	106	225	106	225
50	0.2	99	209	100	212	104	220
75	0.3	93	198	94	200	100	212
100	0.4	86	183	88	186	93	198
125	0.5	76	162	78	165	87	185
150	0.6	70	148	71	150	75	158
175	0.7	60	128	61	130	56	119
200	0.8	50	107	51	108	29	61

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	39	80	84	60	72	0.60
	0	+32	54	114	113	58	69	0.53
	0	+32	79	167	169	56	66	0.45
	-25	-13	31	65	116	41	86	0.47
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	39	82	81		52	
	+35	+95						

CARRIER CORPORATION

Model: ERVCCSHB1100-A ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.0
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 26.3% Supply 22.1% Exhaust ● Low Temp. Imbalance Factor: 1.04

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	54	115	55	117	55	117
50	0.2	53	112	54	115	54	114
75	0.3	51	109	53	111	52	110
100	0.4	49	105	50	106	50	106
125	0.5	48	102	49	104	49	103
150	0.6	45	96	47	99	47	99
175	0.7	44	93	45	94	45	94
200	0.8	42	89	43	92	42	88
225	0.9	40	85	41	87	41	87
250	1.0	38	81	39	82	38	81

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	23	49	42	67	79	0.61
	0	+32	30	64	60	65	75	0.55
	0	+32	40	84	72	63	71	0.48
	-25	-13	21	45	58	60	75	0.60
	-25	-13	30	64	71	55	71	0.57
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	21	44	42		50	

CARRIER CORPORATION

Model: ERVCCSVB1100-A ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.0
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 26.3% Supply 22.1% Exhaust ● Low Temp. Imbalance Factor: 1.04

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	54	115	55	117	55	117
50	0.2	53	112	54	115	54	114
75	0.3	51	109	53	111	52	110
100	0.4	49	105	50	106	50	106
125	0.5	48	102	49	104	49	103
150	0.6	45	96	47	99	47	99
175	0.7	44	93	45	94	45	94
200	0.8	42	89	43	92	42	88
225	0.9	40	85	41	87	41	87
250	1.0	38	81	39	82	38	81

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	23	49	42	67	79	0.61
	0	+32	30	64	60	65	75	0.55
	0	+32	40	84	72	63	71	0.48
	-25	-13	21	45	58	60	75	0.60
	-25	-13	30	64	71	55	71	0.57
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	21	44	42		50	

CARRIER CORPORATION

Model: HRVCCLHA1150-A ● Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 12% Supply 21% Exhaust ● Low Temp. Imbalance Factor: 1.01

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	85	180	86	182	92	194
50	0.2	82	174	82	175	86	182
75	0.3	77	163	77	164	81	171
100	0.4	71	150	71	151	71	151
125	0.5	67	141	67	142	57	120
150	0.6	60	128	61	130	40	85
175	0.7	51	108	52	110	27	57

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	31	66	62	67	79	-0.01
	0	+32	40	86	75	64	75	-0.01
	0	+32	57	120	90	61	70	-0.01
	-25	-13	38	81	83	60	76	0.02

CARRIER CORPORATION

Model: HRVCCLHA1250-A ● Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 2.1
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg --- @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 10% Supply 13% Exhaust ● Low Temp. Imbalance Factor: 0.90

VENTILATION PERFORMANCE

EXT. 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	110	234	112	237	112	237
50	0.2	103	219	105	223	106	225
75	0.3	98	208	100	211	99	210
100	0.4	89	189	91	192	91	193
125	0.5	84	177	85	180	82	174
150	0.6	71	151	72	153	70	149
175	0.7	64	136	65	138	44	94

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	66	85	69	81	-0.01
	0	+32	56	119	124	60	70	-0.01
	0	+32	86	182	197	53	62	-0.01
	-25	-13	34	72	114	62	80	0.08

CARRIER CORPORATION

Model: HRVCCLVU1330-B ● Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 4.6
Exhaust Air Transfer Ratio: --- @100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 13.3% Supply 15.8% Exhaust ● Low Temp. Imbalance Factor: 0.99

VENTILATION PERFORMANCE

EXT. 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	168	357	172	364	148	314
50	0.2	166	352	170	360	139	294
75	0.3	158	334	160	340	132	279
100	0.4	151	321	155	328	126	266
125	0.5	142	300	144	306	117	247
150	0.6	136	288	139	294	109	232
175	0.7	126	267	128	272	100	211
200	0.8	116	246	118	251	93	198
225	0.9	103	219	105	223	84	179
250	1.0	82	173	84	177	74	157
275	1.1	63	133	64	136	33	70

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	55	117	219	80	94	-0.07
	0	+32	86	183	290	74	86	0.02
	0	+32	117	249	436	70	83	-0.01
	-25	-13	55	117	264	74	89	0.07
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	85	181	286		12	
	+35	+95	115	245	434		9	

CARRIER CORPORATION

Model: HRVCCSHB1100-A ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.0
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.009 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 13.3% Supply 19.3% Exhaust ● Low Temp. Imbalance Factor: 1.01

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	53	111	53	112	57	120
50	0.2	51	107	51	108	54	114
75	0.3	48	101	48	102	52	110
100	0.4	46	98	47	99	49	105
125	0.5	43	91	43	92	47	100
150	0.6	41	88	42	88	45	96
175	0.7	39	82	39	83	43	91
200	0.8	37	79	38	80	40	85
225	0.9	34	73	35	74	37	79
250	1.0	34	71	34	72	36	76
275	1.1	31	65	31	65	34	72
300	1.2	29	61	29	62	32	68

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	23	50	43	65	74	0.01
	0	+32	30	64	58	62	70	0.01
	0	+32	39	83	70	59	66	0.01
	-25	-13	21	45	56	60	78	0.01
	-25	-13	30	64	64	55	72	0.00

CARRIER CORPORATION

Model: HRVCCSVB1100-A ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.0
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.009 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 13.3% Supply 19.3% Exhaust ● Low Temp. Imbalance Factor: 1.01

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	53	111	53	112	57	120
50	0.2	51	107	51	108	54	114
75	0.3	48	101	48	102	52	110
100	0.4	46	98	47	99	49	105
125	0.5	43	91	43	92	47	100
150	0.6	41	88	42	88	45	96
175	0.7	39	82	39	83	43	91
200	0.8	37	79	38	80	40	85
225	0.9	34	73	35	74	37	79
250	1.0	34	71	34	72	36	76
275	1.1	31	65	31	65	34	72
300	1.2	29	61	29	62	32	68

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	23	50	43	65	74	0.01
	0	+32	30	64	58	62	70	0.01
	0	+32	39	83	70	59	66	0.01
	-25	-13	21	45	56	60	78	0.01
	-25	-13	30	64	64	55	72	0.00

CARRIER CORPORATION

Model: HRVXXLHB1150-A ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 16% Supply 21% Exhaust ● Low Temp. Imbalance Factor: 1.01

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	85	180	86	182	92	194
50	0.2	82	174	82	175	86	182
75	0.3	77	163	77	164	81	171
100	0.4	71	150	71	151	71	151
125	0.5	67	141	67	142	57	120
150	0.6	60	128	61	130	40	85
175	0.7	51	108	52	110	27	57

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	31	66	67	67	79	-0.01
	0	+32	40	86	74	65	75	-0.01
	0	+32	54	115	90	61	70	-0.01
	-25	-13	38	81	87	60	76	0.02

CARRIER CORPORATION

Model: HRVXXLHB1200 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 2.1
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 25% Supply 43% Exhaust ● Low Temp. Imbalance Factor: 1.28

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	105	222	106	225	106	225
50	0.2	99	209	100	212	104	220
75	0.3	93	198	94	200	100	212
100	0.4	86	183	88	186	93	198
125	0.5	76	162	78	165	87	185
150	0.6	70	148	71	150	75	158
175	0.7	60	128	61	130	56	119
200	0.8	50	107	51	108	29	61

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	38	80	84	60	72	60
	0	+32	54	114	113	58	69	53
	0	+32	79	167	169	56	66	45
	-25	-13	31	65	116	41	86	47
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	39	82	81		52	

CARRIER

Model: HRVXXLHB1250-A ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: 0.00 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 9% Supply 20% Exhaust ● Low Temp. Imbalance Factor: 1.02

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	106	225	107	227	118	249
50	0.2	102	215	102	216	115	243
75	0.3	96	204	97	205	111	235
100	0.4	90	192	91	193	107	226
125	0.5	83	177	84	179	100	211
150	0.6	76	161	76	162	89	189
175	0.7	67	142	67	143	75	159

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	39	82	71	65	75	0.01
	0	+32	61	130	129	60	69	0.01
	-25	-13	40	84	114	60	76	0.03

CARRIER CORPORATION

Model: HRVXXSVU1157 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.0
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 21% Supply 31% Exhaust ● Low Temp. Imbalance Factor: 1.1

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	91	193	92	195	91	194
50	0.2	86	182	86	183	86	182
75	0.3	80	170	81	171	80	169
100	0.4	74	157	74	158	74	157
125	0.5	67	142	67	143	69	147
150	0.6	62	132	62	133	63	133
175	0.7	55	117	56	118	57	120
200	0.8	47	101	48	101	49	104
225	0.9	40	86	41	87	43	92
250	1.0	33	71	34	71	35	74

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	32	67	56	70	78	0.00
	0	+32	40	86	64	68	75	0.01
	0	+32	56	120	86	64	70	0.01
	-25	-13	30	63	79	61	83	0.01

FANTECH

Model: FLEX 100H ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 14% Supply 12% Exhaust ● Low Temp. Imbalance Factor: 0.97

VENTILATION PERFORMANCE

EXT. 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	69	146	70	148	70	148
50	0.2	61	129	62	132	63	133
75	0.3	55	116	56	118	57	120
100	0.4	49	105	50	107	51	107
125	0.5	45	96	46	97	45	95
150	0.6	41	88	42	89	40	84
175	0.7	38	80	39	82	35	73
200	0.8	34	73	35	74	30	63

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	24	52	46	70	80	-0.08
	0	+32	33	69	56	67	75	-0.06
	0	+32	47	99	102	64	73	-0.04
	-25	-13	34	72	69	66	78	0.00

FANTECH

Model: SH704● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 0.4
Exhaust Air Transfer Ratio: 0.04 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 7% Supply 9% Exhaust ● Low Temp. Imbalance Factor: 0.97

VENTILATION PERFORMANCE

EXT. 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	45	96	47	100	49	104
50	0.2	40	85	41	88	41	88
75	0.3	32	67	33	70	34	73
100	0.4	26	56	27	58	28	59
125	0.5	20	42	20	43	20	43

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	26	55	36	57	67	0.02
	0	+32	32	67	40	55	63	0.00
	0	+32	39	84	40	54	60	0.00
	-25	-13	34	73	35	53	66	0.01

FANTECH

Model: SHR 1504 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: 0.03 @ 100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 5% Supply 0% Exhaust ● Low Temp. Imbalance Factor: 0.82

VENTILATION PERFORMANCE

EXT. 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	85	181	87	184	84	180
50	0.2	80	170	82	174	79	169
75	0.3	75	159	76	162	75	159
100	0.4	70	149	71	151	68	146
125	0.5	65	138	66	141	64	136
150	0.6	60	128	61	130	59	125
175	0.7	55	116	56	119	54	114
200	0.8	49	104	50	106	47	100
225	0.9	43	91	43	92	41	87
250	1.0	36	77	37	79	35	75
275	1.1	30	63	30	64	29	61
300	1.2	23	49	24	50	22	46

ENERGY PERFORMANCE

SUPPLY TEMPERATURE			NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	31	67	72	60	73	-0.11
	0	+32	51	109	98	59	70	0.00
	0	+32	76	161	144	55	63	0.00
	-25	-13	32	68	73	56	77	-0.02

FANTECH

Model: SHR1505R ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.02 @ 100 Pa / 0.4 in. wg 0.02 @50 Pa/0.2 in. wg
Low Temp. Vent Reduction Factor: 11% Supply 19% Exhaust ● Low Temp. Imbalance Factor: 1.01

VENTILATION PERFORMANCE

EXT. 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	85	180	86	182	88	188
50	0.2	82	174	84	178	84	178
75	0.3	77	164	79	168	79	168
100	0.4	71	152	73	156	74	158
125	0.5	65	137	66	139	68	146
150	0.6	57	121	59	125	63	133
175	0.7	50	107	51	109	57	121
200	0.8	46	97	46	97	51	109
225	0.9	41	87	42	89	45	95
250	1.0	40	85	40	85	39	83

ENERGY PERFORMANCE

SUPPLY TEMPERATURE			NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	32	40	85	70	60	76	-0.02
	0	32	48	101	94	62	71	-0.02
	0	32	75	159	140	60	68	-0.01
	-25	-13	40	85	93	63	76	0.00

FANTECH

Model: SHR 2004 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 2.1
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 8% Supply 0% Exhaust ● Low Temp. Imbalance Factor: 0.81

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	114	243	116	246	120	254
50	0.2	109	230	110	233	115	244
75	0.3	103	218	104	221	106	225
100	0.4	95	201	96	204	101	215
125	0.5	86	182	87	185	94	199
150	0.6	78	166	79	168	87	184
175	0.7	71	151	72	154	79	168
200	0.8	65	137	66	139	71	151
225	0.9	59	125	60	127	64	136
250	1.0	53	112	53	113	56	118
275	1.1	46	98	47	99	51	108
300	1.2	42	88	42	90	44	93
325	1.3	37	78	37	79	39	83
350	1.4	31	66	32	67	35	75
375	1.5	26	55	26	56	30	63

	SUPPLY TEMPERATURE		NET AIR FLOW		ENERGY PERFORMANCE POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	31	65	108	62	77	0.06
	0	+32	55	117	154	62	74	0.07
	0	+32	90	191	246	60	71	0.00
	-25	-13	61	129	154	59	79	0.00

FANTECH

Model: SHR 2005R ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 2.1
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 8% Supply 18% Exhaust ● Low Temp. Imbalance Factor: 1.09

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	114	243	116	246	120	254
50	0.2	109	230	110	233	115	244
75	0.3	103	218	104	221	106	225
100	0.4	95	201	96	204	101	215
125	0.5	86	182	87	185	94	199
150	0.6	78	166	79	168	87	184
175	0.7	71	151	72	154	79	168
200	0.8	65	137	66	139	71	151
225	0.9	59	125	60	127	64	136
250	1.0	53	112	53	113	56	118
275	1.1	46	98	47	99	51	108
300	1.2	42	88	42	90	44	93
325	1.3	37	78	37	79	39	83
350	1.4	31	66	32	67	35	75
375	1.5	26	55	26	56	30	63

	SUPPLY TEMPERATURE		NET AIR FLOW		ENERGY PERFORMANCE POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	31	65	108	62	77	0.06
	0	+32	55	117	154	62	74	0.07
	0	+32	90	191	246	60	71	0.00
	-25	-13	59	126	141	64	81	0.01

FANTECH

Model: SHR 3005R ● Options Installed: None
Electrical Requirements: Volts: 115 Amps: 2.7
Exhaust Air Transfer Ratio: --- @100 Pa/0.4 in. wg --- @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 7% Supply 9% Exhaust ● Low Temp. Imbalance Factor: 0.96

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	126	268	131	277	139	294
50	0.2	124	262	127	270	132	279
75	0.3	116	246	119	253	126	266
100	0.4	109	231	112	238	117	247
125	0.5	103	219	107	226	111	236
150	0.6	96	204	100	211	101	215
175	0.7	93	196	95	202	101	213
200	0.8	89	188	92	194	94	200
250	1.0	77	163	79	168	82	174
300	1.2	69	147	71	151	71	151
350	1.4	56	118	57	121	58	123

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	30	64	126	76	91	.02
	0	+32	55	117	212	78	92	.01
	0	+32	74	157	262	78	91	-.09
	-25	-13	57	121	224	72	91	.09
	-25	-13	55	117	220	72	--	--
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	54	115	206		18	
	+35	+95	74	159	260		17	

FANTECH

Model: SHR 3205R ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 2.5
Exhaust Air Transfer Ratio: 0.03 @100 Pa/0.4 in. wg --- @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 11.8% Supply 13.4% Exhaust ● Low Temp. Imbalance Factor: 1.00

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
75	0.3	140	297	144	306	153	326
100	0.4	126	267	129	275	141	299
125	0.5	114	243	117	250	125	266
150	0.6	104	222	108	229	115	244
175	0.7	92	195	94	201	103	219
200	0.8	80	171	83	176	89	190
225	0.9	69	147	71	151	79	169
250	1.0	58	124	60	128	71	150
275	1.1	47	101	49	103	55	117
300	1.2	38	81	39	84	45	96
325	1.3	30	63	30	65	31	66
350	1.4	21	44	21	46	18	39

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	56	118	136	66	77	0.02
	0	+32	76	162	182	66	76	0.02
	0	+32	116	248	272	64	74	0.03
	-25	-13	58	123	168	67	79	0.05

CERTIFIED HEAT AND ENERGY RECOVERY VENTILATORS

FANTECH

Model: VH704 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 0.4
Exhaust Air Transfer Ratio: 0.04 @ 100 Pa / 0.4 in. wg 0.03 @50 Pa/0.2 in. wg
Low Temp. Vent Reduction Factor: 7 % Supply 9 % Exhaust ● Low Temp. Imbalance Factor: 0.97

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	45	96	47	100	49	104
50	0.2	40	85	41	88	41	88
75	0.3	32	67	33	70	34	73
100	0.4	26	56	27	58	28	59
125	0.5	20	42	20	43	20	43

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	26	55	36	57	67	0.02
	0	32	32	67	40	55	64	0.00
	0	32	39	84	40	54	60	0.00
	-25	-13	34	73	35	53	66	0.01

FANTECH

Model: VH704 V09 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 0.4
Exhaust Air Transfer Ratio: 0.03 @ 100 Pa / 0.4 in. wg 0.02 @50 Pa/0.2 in. wg
Low Temp. Vent Reduction Factor: 15 % Supply 0 % Exhaust ● Low Temp. Imbalance Factor: 0.81

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	40	84	41	86	43	91
50	0.2	35	76	36	77	38	81
75	0.3	30	64	31	66	33	70
100	0.4	26	55	26	56	27	58
125	0.5	21	44	21	45	20	43

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	30	64	44	59	67	0.00
	0	32	35	75	44	59	66	-0.01
	-25	-13	31	66	40	53	72	-0.01

CERTIFIED HEAT AND ENERGY RECOVERY VENTILATORS Section 3-52

FANTECH

Model: VHR100R • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 14% Supply 12% Exhaust • Low Temp. Imbalance Factor: 0.97

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	69	146	70	148	70	148
50	0.2	61	129	62	132	63	133
75	0.3	55	116	56	118	57	120
100	0.4	49	105	50	107	51	107
125	0.5	45	96	46	97	45	95
150	0.6	41	88	42	89	40	84
175	0.7	38	80	39	82	35	73
200	0.8	34	73	35	74	30	63

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	24	52	46	70	80	-0.08
	0	+32	33	69	56	67	75	-0.06
	0	+32	47	99	102	64	73	-0.04
	-25	-13	34	72	69	66	78	0.00

FANTECH

Model: VHR704 • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 0.4
Exhaust Air Transfer Ratio: 0.04 @ 100 Pa / 0.4 in. wg 0.03 @50 Pa/0.2 in. wg
Low Temp. Vent Reduction Factor: 7 % Supply 9 % Exhaust • Low Temp. Imbalance Factor: 0.97

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	45	96	47	100	49	104
50	0.2	40	85	41	88	41	88
75	0.3	32	67	33	70	34	73
100	0.4	26	56	27	58	28	59
125	0.5	20	42	20	43	20	43

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	32	26	55	36	57	67	0.02
	0	32	32	67	40	55	64	0.00
	0	32	39	84	40	54	60	0.00
	-25	-13	34	73	35	53	66	0.01

FANTECH

Model: VHR704 V09 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 0.4
Exhaust Air Transfer Ratio: 0.03 @ 100 Pa / 0.4 in. wg 0.02 @50 Pa/0.2 in. wg
Low Temp. Vent Reduction Factor: 15 % Supply 0 % Exhaust ● Low Temp. Imbalance Factor: 0.81

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	40	84	41	86	43	91
50	0.2	35	76	36	77	38	81
75	0.3	30	64	31	66	33	70
100	0.4	26	55	26	56	27	58
125	0.5	21	44	21	45	20	43

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	32	30	64	44	59	67	0.00
	0	32	35	75	44	59	66	-0.01
	-25	-13	31	66	40	53	72	-0.01

FANTECH

Model: VHR704R ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 0.4
Exhaust Air Transfer Ratio: 0.03 @ 100 Pa / 0.4 in. wg 0.02 @50 Pa/0.2 in. wg
Low Temp. Vent Reduction Factor: 11 % Supply 14 % Exhaust ● Low Temp. Imbalance Factor: 0.96

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	40	84	41	86	43	91
50	0.2	35	76	36	77	38	81
75	0.3	30	64	31	66	33	70
100	0.4	26	55	26	56	27	58
125	0.5	21	44	21	45	20	43

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	32	25	52	34	61	69	0.00
	0	32	30	64	44	59	67	0.00
	0	32	35	75	44	59	66	0.00
	-25	-13	27	57	42	61	73	0.01

CERTIFIED HEAT AND ENERGY RECOVERY VENTILATORS

FANTECH

Model: VHR904 ● Options Installed: Damper
Electrical Requirements: Volts: 120 Amps: 0.4
Exhaust Air Transfer Ratio: 0.10 @ 100 Pa / 0.4 in. wg 0.10 @50 Pa/0.2 in. wg
Low Temp. Vent Reduction Factor: 12 % Supply 2 % Exhaust ● Low Temp. Imbalance Factor: 0.88

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	54	114	55	116	59	124
50	0.2	50	107	51	109	55	117
75	0.3	48	102	49	104	52	111
100	0.4	46	97	47	99	49	104
125	0.5	42	88	42	90	46	97
150	0.6	37	79	38	80	41	87
175	0.7	33	69	33	70	35	75

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	28	60	88	69	81	0.00
	0	32	41	88	175	62	76	0.02
	0	32	53	113	180	61	75	0.02

FANTECH

Model: VHR1404 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: 0.03 @ 100 Pa / 0.4 in. wg 0.02 @50 Pa/0.2 in. wg
Low Temp. Vent Reduction Factor: 5 % Supply 0% Exhaust ● Low Temp. Imbalance Factor: 0.82

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	85	181	87	184	84	180
50	0.2	80	170	82	174	79	169
75	0.3	75	159	76	162	75	159
100	0.4	70	149	71	151	68	146
125	0.5	65	138	66	141	64	136
150	0.6	60	128	61	130	59	125
175	0.7	55	116	56	119	54	114
200	0.8	49	104	50	106	47	100
225	0.9	43	91	43	92	41	87
250	1.0	36	77	37	79	35	75
275	1.1	30	63	30	64	29	61
300	1.2	23	49	24	50	22	46

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	31	67	72	60	73	-0.01
	0	32	51	109	98	59	70	0.00
	0	32	76	161	144	55	63	0.00
	-25	-13	32	68	73	56	77	-0.02

FANTECH

Model: VHR1405R ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.02 @ 100 Pa / 0.4 in. wg 0.02 @50 Pa/0.2 in. wg
Low Temp. Vent Reduction Factor: 11% Supply 19% Exhaust ● Low Temp. Imbalance Factor: 1.01

VENTILATION PERFORMANCE

EXT. 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	85	180	86	182	88	188
50	0.2	82	174	84	178	84	178
75	0.3	77	164	79	168	79	168
100	0.4	71	152	73	156	74	158
125	0.5	65	137	66	139	68	146
150	0.6	57	121	59	125	63	133
175	0.7	50	107	51	109	57	121
200	0.8	46	97	46	97	51	109
225	0.9	41	87	42	89	45	95
250	1.0	40	85	40	85	39	83

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	32	40	85	70	60	76	-0.02
	0	32	48	101	94	62	71	-0.02
	0	32	75	159	140	60	68	-0.01
	-25	-13	40	85	93	63	76	0.00

FANTECH

Model: VHR2004 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 2.1
Exhaust Air Transfer Ratio: 0.02 @ 100 Pa / 0.4 in. wg 0.02 @50 Pa/0.2 in. wg
Low Temp. Vent Reduction Factor: 8% Supply 0% Exhaust ● Low Temp. Imbalance Factor: 0.81

VENTILATION PERFORMANCE

EXT. 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	114	243	116	246	120	254
50	0.2	109	230	110	233	115	244
75	0.3	103	218	104	221	106	225
100	0.4	95	201	96	204	101	215
125	0.5	86	182	87	185	94	199
150	0.6	78	166	79	168	87	184
175	0.7	71	151	72	154	79	168
200	0.8	65	137	66	139	71	151
225	0.9	59	125	60	127	64	136
250	1.0	53	112	53	113	56	118
275	1.1	46	98	47	99	51	108
300	1.2	42	88	42	90	44	93
325	1.3	37	78	37	79	39	83
350	1.4	31	66	32	67	35	75
375	1.5	26	55	26	56	30	63

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	32	31	65	108	62	77	0.06
	0	32	55	117	154	62	74	0.07
	0	32	90	191	246	60	71	0.00
	-25	-13	61	129	154	59	79	0.00

FANTECH

Model: VHR2005R ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 2.1
Exhaust Air Transfer Ratio: 0.02 @ 100 Pa / 0.4 in. wg 0.01 @50 Pa/0.2 in. wg
Low Temp. Vent Reduction Factor: 8% Supply 18% Exhaust ● Low Temp. Imbalance Factor: 1.09

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	114	243	116	246	120	254
50	0.2	109	230	110	233	115	244
75	0.3	103	218	104	221	106	225
100	0.4	95	201	96	204	101	215
125	0.5	86	182	87	185	94	199
150	0.6	78	166	79	168	87	184
175	0.7	71	151	72	154	79	168
200	0.8	65	137	66	139	71	151
225	0.9	59	125	60	127	64	136
250	1.0	53	112	53	113	56	118
275	1.1	46	98	47	99	51	108
300	1.2	42	88	42	90	44	93
325	1.3	37	78	37	79	39	83
350	1.4	31	66	32	67	35	75
375	1.5	26	55	26	56	30	63

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	32	31	65	108	62	77	0.06
	0	32	55	117	154	62	74	0.07
	0	32	90	191	246	60	71	0.00
	-25	-13	59	126	141	64	81	0.01

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FIELD CONTROLS

Model: FC95HRV ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 0.9
Exhaust Air Transfer Ratio: 0.10 @100 Pa/0.4 in. wg 0.08 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 15% Supply, 22% Exhaust Low ● Temp. Imbalance Factor: 1.00

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	32	69	36	76	41	87
50	0.2	31	66	34	73	40	84
75	0.3	30	64	33	70	39	82
100	0.4	28	60	31	66	37	79
125	0.5	26	55	29	60	36	76

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	28	60	59	75	88	-0.01
	0	+32	33	71	58	73	86	0.03
	0	+32	42	89	89	73	84	0.04
	-25	-13	29	61	76	68	86	0.02

FIELD CONTROLS

Model: FC150ERV ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.04 @100 Pa/0.4 in. wg 0.04 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: Supply - NA Exhaust - NA ● Low Temp. Imbalance Factor: NA

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	71	151	74	157	73	154
50	0.2	67	141	69	146	69	147
75	0.3	62	132	65	137	67	142
100	0.4	59	124	61	129	61	130
125	0.5	50	107	52	111	55	116
150	0.6	46	98	48	102	48	101
175	0.7	38	81	40	84	41	87
200	0.8	28	60	30	63	29	61

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	30	63	70	69	81	.50
	0	+32	45	96	94	67	76	.42
	0	+32	55	117	108	65	73	.38
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	30	65	68		47	

FIELD CONTROLS

Model: FC155HRV ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.04 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 3.7% Supply 13.8% Exhaust ● Low Temp. Imbalance Factor: 1.04

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	68	144	70	149	80	171
50	0.2	63	134	65	139	78	165
75	0.3	59	125	61	129	75	160
100	0.4	53	113	55	117	74	157
125	0.5	43	92	45	95	70	149
150	0.6	34	73	36	76	64	137
175	0.7	28	59	29	61	57	122

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	30	64	78	64	73	0.00
	0	+32	45	96	104	63	71	0.01
	0	+32	55	117	119	61	69	0.01
	-25	-13	35	74	96	66	78	0.00
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	29	62	77		17	

CERTIFIED HEAT AND ENERGY RECOVERY VENTILATORS Section 3-58

FIELD CONTROLS

Model: FC200HRV ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.04 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 2% Supply 11% Exhaust ● Low Temp. Imbalance Factor: 1.03

VENTILATION PERFORMANCE

EXT. 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	97	207	100	214	108	230
50	0.2	94	200	97	206	103	218
75	0.3	87	184	90	191	97	207
100	0.4	80	171	84	179	96	203
125	0.5	71	152	76	161	88	187
150	0.6	61	130	66	140	82	174
175	0.7	55	116	60	129	67	143
200	0.8	40	86	46	98	56	118

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	66	81	64	74	0.06
	0	+32	45	96	99	63	71	0.03
	0	+32	55	117	113	61	69	0.03
	-25	-13	51	109	119	62	73	0.01

GENERAL FILTERS, INC. (GENERAL AIRE)

Model: 8160 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 11.3% Supply 7.6% Exhaust ● Low Temp. Imbalance Factor: 0.94

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		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
200	0.8	46	96	46	96	50	106
225	0.9	40	85	40	86	43	91
250	1.0	35	75	36	75	39	82
275	1.1	29	62	29	62	34	71

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	65	72	66	75	-0.01
	0	+32	39	83	80	63	72	-0.01
	0	+32	50	107	94	60	67	-0.01
	-25	-13	36	76	72	56	73	0.00

GENERAL FILTERS, INC. (GENERAL AIRE)

Model: 8220 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.10 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 2.3% Supply 0.2% Exhaust ● Low Temp. Imbalance Factor: 0.91

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		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
200	0.8	61	129	61	131	60	128
225	0.9	52	110	52	111	49	104
250	1.0	45	96	46	97	40	86
275	1.1	37	79	38	80	32	68
300	1.2	29	61	29	62	26	54

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	55	118	106	61	71	0.00
	0	+32	75	160	132	58	65	0.00
	0	+32	87	185	150	55	62	0.00
	-25	-13	57	120	105	58	72	0.01

GOODMAN INDOOR AIR QUALITY PRODUCTS

Model: HRV70D ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 0.4
Exhaust Air Transfer Ratio: 0.02 @ 100 Pa / 0.4 in. wg 0.03 @50 Pa/0.2 in. wg
Low Temp. Vent Reduction Factor: 11% Supply 14% Exhaust ● Low Temp. Imbalance Factor: 0.96

VENTILATION PERFORMANCE

EXT. 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	40	84	41	86	43	91
50	0.2	35	76	36	77	38	81
75	0.3	30	64	31	66	33	70
100	0.4	26	55	26	56	27	58
125	0.5	21	44	21	45	20	43

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	25	52	34	61	69	0.00
	0	32	30	64	44	59	67	0.00
	0	32	35	75	44	59	66	0.00
	-25	-13	27	63	42	61	73	0.01

GOODMAN INDOOR AIR QUALITY PRODUCTS

Model: HRV140D ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.02 @ 100 Pa / 0.4 in. wg 0.02 @50 Pa/0.2 in. wg
Low Temp. Vent Reduction Factor: 11% Supply 19% Exhaust ● Low Temp. Imbalance Factor: 1.01

VENTILATION PERFORMANCE

EXT. 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	85	180	86	182	88	188
50	0.2	82	174	84	178	84	178
75	0.3	77	164	79	168	79	168
100	0.4	71	152	73	156	74	158
125	0.5	65	137	66	139	68	146
150	0.6	57	121	59	125	63	133
175	0.7	50	107	51	109	57	121
200	0.8	46	97	46	97	51	109
225	0.9	41	87	42	89	45	95
250	1.0	40	85	40	85	39	83

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	40	85	70	60	76	-0.02
	0	32	48	101	94	62	71	-0.02
	0	32	75	159	140	60	68	-0.01
	-25	-13	40	85	93	63	76	0.00

GOODMAN INDOOR AIR QUALITY PRODUCTS

Model: HRV150 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: 0.03 @100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 5% Supply 0% Exhaust ● Low Temp. Imbalance Factor: 0.82

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	85	181	87	184	84	180
50	0.2	80	170	82	174	79	169
75	0.3	75	159	76	162	75	159
100	0.4	70	149	71	151	68	146
125	0.5	65	138	66	141	64	136
150	0.6	60	128	61	130	59	125
175	0.7	55	116	56	119	54	114
200	0.8	49	104	50	106	47	100
225	0.9	43	91	43	92	41	87
250	1.0	36	77	37	79	35	75
275	1.1	30	63	30	64	29	61
300	1.2	23	49	24	50	22	46

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	32	31	67	72	60	73	-0.11
	0	32	51	109	98	59	70	0.00
	0	32	76	161	144	55	63	0.00
	-25	-13	32	68	73	56	77	-0.02

GOODMAN INDOOR AIR QUALITY PRODUCTS

Model: HRV150D ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.02 @ 100 Pa / 0.4 in. wg 0.02 @50 Pa/0.2 in. wg
Low Temp. Vent Reduction Factor: 11% Supply 19% Exhaust ● Low Temp. Imbalance Factor: 1.01

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	85	180	86	182	88	188
50	0.2	82	174	84	178	84	178
75	0.3	77	164	79	168	79	168
100	0.4	71	152	73	156	74	158
125	0.5	65	137	66	139	68	146
150	0.6	57	121	59	125	63	133
175	0.7	50	107	51	109	57	121
200	0.8	46	97	46	97	51	109
225	0.9	41	87	42	89	45	95
250	1.0	40	85	40	85	39	83

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	32	40	85	70	60	76	-0.02
	0	32	48	101	94	62	71	-0.02
	0	32	75	159	140	60	68	-0.01
	-25	-13	40	85	93	63	76	0.00

GOODMAN INDOOR AIR QUALITY PRODUCTS

Model: HRV200 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 2.1
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 8% Supply 0% Exhaust ● Low Temp. Imbalance Factor: 0.81

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	114	243	116	246	120	254
50	0.2	109	230	110	233	115	244
75	0.3	103	218	104	221	106	225
100	0.4	95	201	96	204	101	215
125	0.5	86	182	87	185	94	199
150	0.6	78	166	79	168	87	184
175	0.7	71	151	72	154	79	168
200	0.8	65	137	66	139	71	151
225	0.9	59	125	60	127	64	136
250	1.0	53	112	53	113	56	118
275	1.1	46	98	47	99	51	108
300	1.2	42	88	42	90	44	93
325	1.3	37	78	37	79	39	83
350	1.4	31	66	32	67	35	75
375	1.5	26	55	26	56	30	63

	SUPPLY TEMPERATURE		NET AIR FLOW		ENERGY PERFORMANCE POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	31	65	108	62	77	0.06
	0	+32	55	117	154	62	74	0.07
	0	+32	90	191	246	60	71	0.00
	-25	-13	61	129	154	59	79	0.00

GOODMAN INDOOR AIR QUALITY PRODUCTS

Model: HRV200D ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 2.1
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 8% Supply 18% Exhaust ● Low Temp. Imbalance Factor: 1.09

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	114	243	116	246	120	254
50	0.2	109	230	110	233	115	244
75	0.3	103	218	104	221	106	225
100	0.4	95	201	96	204	101	215
125	0.5	86	182	87	185	94	199
150	0.6	78	166	79	168	87	184
175	0.7	71	151	72	154	79	168
200	0.8	65	137	66	139	71	151
225	0.9	59	125	60	127	64	136
250	1.0	53	112	53	113	56	118
275	1.1	46	98	47	99	51	108
300	1.2	42	88	42	90	44	93
325	1.3	37	78	37	79	39	83
350	1.4	31	66	32	67	35	75
375	1.5	26	55	26	56	30	63

	SUPPLY TEMPERATURE		NET AIR FLOW		ENERGY PERFORMANCE POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	31	65	108	62	77	0.06
	0	+32	55	117	154	62	74	0.07
	0	+32	90	191	246	60	71	0.00
	-25	-13	59	126	141	64	81	0.01

GOODMAN INDOOR AIR QUALITY PRODUCTS

Model: HRV300D ● Options Installed: None
Electrical Requirements: Volts: 115 Amps: 2.7
Exhaust Air Transfer Ratio: --- @100 Pa/0.4 in. wg --- @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 7% Supply 9% Exhaust ● Low Temp. Imbalance Factor: 0.96

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	126	268	131	277	139	294
50	0.2	124	262	127	270	132	279
75	0.3	116	246	119	253	126	266
100	0.4	109	231	112	238	117	247
125	0.5	103	219	107	226	111	236
150	0.6	96	204	100	211	101	215
175	0.7	93	196	95	202	101	213
200	0.8	89	188	92	194	94	200
250	1.0	77	163	79	168	82	174
300	1.2	69	147	71	151	71	151
350	1.4	56	118	57	121	58	123

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	30	64	126	76	91	.02
	0	+32	55	117	212	78	92	.01
	0	+32	74	157	262	78	91	-.09
	-25	-13	57	121	224	72	91	.09
	-25	-13	55	117	220	72	--	--
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	54	115	206		18	
	+35	+95	74	159	260		17	

HONEYWELL, INC.

Model: VNT5070E1000 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 0.85
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 17.3% Supply 0% Exhaust ● Low Temp. Imbalance Factor: 0.75

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	49	105	49	105	46	97
50	0.2	46	97	47	99	41	86
75	0.3	44	92	44	93	41	86
100	0.4	37	80	38	81	34	73
125	0.5	34	73	35	74	29	63
150	0.6	29	62	29	63	25	52
175	0.7	23	48	23	49	18	37
200	0.8	22	46	22	47	10	20

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	20	41	30	65	74	0.47
	0	+32	30	64	36	64	71	0.40
	-15	5	16	35	27	54	80	0.39
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	19	41	30		43	

HONEYWELL, INC.

Model: VNT5070H1000 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 0.85
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 11.8% Supply 7.6% Exhaust ● Low Temp. Imbalance Factor: 0.86

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	47	99	48	100	48	102
50	0.2	44	93	45	94	43	92
75	0.3	39	83	40	84	38	80
100	0.4	35	75	35	75	36	78
125	0.5	30	65	30	66	32	68
150	0.6	27	56	27	57	25	52
175	0.7	22	46	22	47	19	41

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	19	40	28	64	72	0.00
	0	+32	30	65	40	59	66	0.00
	-25	-13	18	37	30	55	73	-0.01

HONEYWELL, INC.

Model: VNT5150E1000 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 9.4% Supply 0% Exhaust ● Low Temp. Imbalance Factor: 0.74

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	97	207	99	210	99	211
50	0.2	89	189	91	193	91	193
75	0.3	88	187	84	179	84	178
100	0.4	75	159	76	162	76	162
125	0.5	70	148	71	150	69	147
150	0.6	62	131	63	133	62	131
175	0.7	55	116	55	118	55	117
200	0.8	49	104	50	106	48	102
225	0.9	42	90	43	91	43	92
250	1.0	36	77	37	78	40	86
275	1.1	32	68	32	69	32	69

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	24	51	58	65	76	0.32
	0	+32	38	80	76	65	73	0.29
	0	+32	56	118	96	62	70	0.26
	-15	5	26	55	59	52	78	0.26
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	30	64	66		34	

HONEYWELL, INC.

Model: VNT5150H1000 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 11.3% Supply 7.6% Exhaust ● Low Temp. Imbalance Factor: 0.94

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		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
200	0.8	46	96	46	96	50	106
225	0.9	40	85	40	86	43	91
250	1.0	35	75	36	75	39	82
275	1.1	29	62	29	62	34	71

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	65	72	66	75	-0.01
	0	+32	39	83	80	63	72	-0.01
	0	+32	50	107	94	60	67	-0.01
	-25	-13	36	76	72	56	73	0.00

HONEYWELL, INC.

Model: VNT5200E1000 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 5.7% Supply 0% Exhaust ● Low Temp. Imbalance Factor: 0.77

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	115	244	116	247	108	230
50	0.2	106	225	107	228	101	215
75	0.3	98	208	99	210	95	202
100	0.4	88	188	89	190	83	177
125	0.5	81	173	82	175	74	157
150	0.6	71	150	71	152	67	142
175	0.7	65	139	66	140	60	127
200	0.8	57	122	58	124	52	110
225	0.9	49	105	50	106	42	89
250	1.0	40	86	41	87	67	74
275	1.1	34	72	34	73	30	63

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	37	78	74	71	81	0.44
	0	+32	50	107	80	72	79	0.41
	0	+32	71	150	102	69	77	0.35
	-15	5	36	75	65	58	82	0.27
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	35	75	72		48	

HONEYWELL, INC.

Model: VNT5200H1000 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 2.3% Supply 0.2% Exhaust ● Low Temp. Imbalance Factor: 0.91

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		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
200	0.8	61	129	61	131	60	128
225	0.9	52	110	52	111	49	104
250	1.0	45	96	46	97	40	86
275	1.1	37	79	38	80	32	68

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	55	118	106	61	71	0.00
	0	+32	75	160	132	58	65	0.00
	0	+32	87	185	150	55	62	0.00
	-25	-13	57	120	105	58	72	0.01

IMPERIAL AIR TECHNOLOGIES, INC. (GREENTEK)

Model: DH 7.15 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 9.4% Supply 9.6% Exhaust ● Low Temp. Imbalance Factor: 0.94

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	89	189	90	191	113	239
50	0.2	81	173	82	174	104	221
75	0.3	75	159	75	160	94	200
100	0.4	69	146	69	148	84	179
125	0.5	62	132	63	133	77	163
150	0.6	57	121	58	122	66	140
175	0.7	53	112	53	113	57	121
200	0.8	46	98	47	99	48	102
225	0.9	40	85	40	86	40	85
250	1.0	34	73	35	74	35	74
275	1.1	30	63	30	64	28	60

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	32	68	90	68	82	0.01
	0	+32	43	92	104	67	78	0.01
	0	+32	56	119	114	65	75	0.01
	-25	-13	32	67	92	64	84	0.04

CERTIFIED HEAT AND ENERGY RECOVERY VENTILATORS

IMPERIAL AIR TECHNOLOGIES, INC. (GREENTEK)

Model: PE 7.15 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 9.4% Supply 0% Exhaust ● Low Temp. Imbalance Factor: 0.74

VENTILATION PERFORMANCE

EXT. 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	97	207	99	210	99	211
50	0.2	89	189	91	193	91	193
75	0.3	88	187	84	179	84	178
100	0.4	75	159	76	162	76	162
125	0.5	70	148	71	150	69	147
150	0.6	62	131	63	133	62	131
175	0.7	55	116	55	118	55	117
200	0.8	49	104	50	106	48	102
225	0.9	42	90	43	91	43	92
250	1.0	36	77	37	78	40	86
275	1.1	32	68	32	69	32	69

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	24	51	58	65	76	0.32
	0	+32	38	80	76	65	73	0.29
	0	+32	56	118	96	62	70	0.26
	-15	5	26	55	59	52	78	0.26
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	30	64	66		34	

IMPERIAL AIR TECHNOLOGIES, INC. (GREENTEK)

Model: PE 10.22 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 5.7% Supply 0% Exhaust ● Low Temp. Imbalance Factor: 0.77

VENTILATION PERFORMANCE

EXT. 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	115	244	116	247	108	230
50	0.2	106	225	107	228	101	215
75	0.3	98	208	99	210	95	202
100	0.4	88	188	89	190	83	177
125	0.5	81	173	82	175	74	157
150	0.6	71	150	71	152	67	142
175	0.7	65	139	66	140	60	127
200	0.8	57	122	58	124	52	110
225	0.9	49	105	50	106	42	89
250	1.0	40	86	41	87	67	74
275	1.1	34	72	34	73	30	63

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	37	78	74	71	81	0.44
	0	+32	50	107	80	72	79	0.41
	0	+32	71	150	102	69	77	0.35
	-15	5	36	75	65	58	82	0.27
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	35	75	72		48	

IMPERIAL AIR TECHNOLOGIES, INC. (GREENTEK)

Model: PH7.15 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 11.3% Supply 7.6% Exhaust ● Low Temp. Imbalance Factor: 0.94

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		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
200	0.8	46	96	46	96	50	106
225	0.9	40	85	40	86	43	91
250	1.0	35	75	36	75	39	82
275	1.1	29	62	29	62	34	71

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	65	72	66	75	-0.01
	0	+32	39	83	80	63	72	-0.01
	0	+32	50	107	94	60	67	-0.01
	-25	-13	36	76	72	56	73	0.00

IMPERIAL AIR TECHNOLOGIES, INC. (GREENTEK)

Model: PH 10.22 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.10 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 2.3% Supply 0.2% Exhaust ● Low Temp. Imbalance Factor: 0.91

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		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
200	0.8	61	129	61	131	60	128
225	0.9	52	110	52	111	49	104
250	1.0	45	96	46	97	40	86
275	1.1	37	79	38	80	32	68
300	1.2	29	61	29	62	26	54

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	55	118	106	61	71	0.00
	0	+32	75	160	132	58	65	0.00
	0	+32	87	185	150	55	62	0.00
	-25	-13	57	120	105	58	72	0.01

CERTIFIED HEAT AND ENERGY RECOVERY VENTILATORS

IMPERIAL AIR TECHNOLOGIES, INC. (GREENTEK)

Model: RNC 1.5 • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 11.3% Supply 7.6% Exhaust • Low Temp. Imbalance Factor: 0.94

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		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
200	0.8	46	96	46	96	50	106
225	0.9	40	85	40	86	43	91
250	1.0	35	75	36	75	39	82
275	1.1	29	62	29	62	34	71

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	31	65	72	66	75	-0.01
	0	+32	39	83	80	63	72	-0.01
	0	+32	50	107	94	60	67	-0.01
	-25	-13	36	76	72	56	73	0.00

IMPERIAL AIR TECHNOLOGIES, INC. GREENTEK)

Model: RNC 2.0 • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.10 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 2.3% Supply 0.2% Exhaust • Low Temp. Imbalance Factor: 0.91

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		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
200	0.8	61	129	61	131	60	128
225	0.9	52	110	52	111	49	104
250	1.0	45	96	46	97	40	86
275	1.1	37	79	38	80	32	68
300	1.2	29	61	29	62	26	54

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	55	118	106	61	71	0.00
	0	+32	75	160	132	58	65	0.00
	0	+32	87	185	150	55	62	0.00
	-25	-13	57	120	105	58	72	0.01

IMPERIAL AIR TECHNOLOGIES, INC. (GREENTEK)

Model: Solace XPH 1.5 • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.00 @100 Pa/0.4 in. wg 0.00 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 14% Supply 8% Exhaust • Low Temp. Imbalance Factor: .90

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	72	153	72	153	67	142
50	0.2	67	142	68	143	61	129
75	0.3	61	130	62	130	55	116
100	0.4	55	117	55	118	47	101
125	0.5	49	103	49	103	41	87
150	0.6	42	88	42	89	34	73
175	0.7	35	75	35	75	27	59
200	0.8	28	61	28	61	22	46

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	31	66	52	75	84	-0.02
	0	+32	40	84	64	73	80	-0.02
	0	+32	50	106	74	70	77	-0.01
	-25	-13	32	68	49	62	81	0.00

IMPERIAL AIR TECHNOLOGIES, INC. (GREENTEK)

Model: Solace XPH 2.0 • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 21% Supply 4% Exhaust • Low Temp. Imbalance Factor: .82

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	122	258	126	260	120	254
50	0.2	114	241	115	242	111	235
75	0.3	105	223	106	225	103	218
100	0.4	98	207	99	209	94	199
125	0.5	89	189	90	190	85	180
150	0.6	81	172	82	174	76	161
175	0.7	72	152	73	154	67	142
200	0.8	63	133	64	135	58	123
225	0.9	56	119	57	121	50	106
250	1.0	48	102	48	102	42	89
275	1.1	41	87	42	88	35	74

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	29	61	62	78	90	0.00
	0	+32	43	91	74	76	85	0.00
	0	+32	60	127	92	73	80	0.00
	-25	-13	31	66	59	66	88	-0.01

IMPERIAL AIR TECHNOLOGIES, INC. (GREENTEK)

Model: SS 3.12 DD (SP) ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.05 @100 Pa/0.4 in. wg 0.04 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 11.8% Supply 36.8% Exhaust ● Low Temp. Imbalance Factor: 1.31

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	59	125	62	131	64	135
50	0.2	52	109	54	114	59	124
75	0.3	49	104	52	109	55	115
100	0.4	45	95	47	100	49	105
125	0.5	39	83	41	87	46	97
150	0.6	34	71	35	74	37	79
175	0.7	28	60	30	63	32	68
200	0.8	23	49	24	51	26	55

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	24	51	76	61	78	0.00
	0	+32	32	67	86	59	71	0.00
	0	+32	41	87	104	55	68	0.00

IMPERIAL AIR TECHNOLOGIES, INC. (GREENTEK)

Model: SS 3.12 DD (TP) ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.05 @100 Pa/0.4 in. wg 0.04 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 11.8% Supply 36.8% Exhaust ● Low Temp. Imbalance Factor: 1.31

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	59	125	62	131	64	135
50	0.2	52	109	54	114	59	124
75	0.3	49	104	52	109	55	115
100	0.4	45	95	47	100	49	105
125	0.5	39	83	41	87	46	97
150	0.6	34	71	35	74	37	79
175	0.7	28	60	30	63	32	68
200	0.8	23	49	24	51	26	55

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	24	51	76	61	78	0.00
	0	+32	32	67	86	59	71	0.00
	0	+32	41	87	104	55	68	0.00

IMPERIAL AIR TECHNOLOGIES, INC. (GREENTEK)

Model: SS 3.12 FSD (SP) ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.04 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 19.4% Supply 9.6% Exhaust ● Low Temp. Imbalance Factor: 0.82

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	54	115	56	119	67	142
50	0.2	51	109	53	112	62	132
75	0.3	45	95	47	100	58	123
100	0.4	39	84	40	85	53	113
125	0.5	35	75	36	76	47	100
150	0.6	31	65	32	68	42	90
175	0.7	27	58	28	59	35	75
200	0.8	23	49	24	21	27	57

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	30	64	82	61	74	0.00
	0	+32	44	94	108	57	68	0.00
	0	+32	54	116	124	52	62	0.00

IMPERIAL AIR TECHNOLOGIES, INC. (GREENTEK)

Model: SS 3.12 FSD (TP) ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.04 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 19.4% Supply 9.6% Exhaust ● Low Temp. Imbalance Factor: 0.82

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	54	115	56	119	67	142
50	0.2	51	109	53	112	62	132
75	0.3	45	95	47	100	58	123
100	0.4	39	84	40	85	53	113
125	0.5	35	75	36	76	47	100
150	0.6	31	65	32	68	42	90
175	0.7	27	58	28	59	35	75
200	0.8	23	49	24	21	27	57

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	30	64	82	61	74	0.00
	0	+32	44	94	108	57	68	0.00
	0	+32	54	116	124	52	62	0.00

IMPERIAL AIR TECHNOLOGIES, INC. (GREENTEK)

Model: SS 3.80 FSD ERV • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 0.85
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 17.3% Supply 0% Exhaust • Low Temp. Imbalance Factor: 0.75

VENTILATION PERFORMANCE

EXT. 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	49	105	49	105	46	97
50	0.2	46	97	47	99	41	86
75	0.3	44	92	44	93	41	86
100	0.4	37	80	38	81	34	73
125	0.5	34	73	35	74	29	63
150	0.6	29	62	29	63	25	52
175	0.7	23	48	23	49	18	37
200	0.8	22	46	22	47	10	20

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	20	41	30	65	74	0.47
	0	+32	30	64	36	64	71	0.40
	-15	5	16	35	27	54	80	0.39
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	19	41	30		43	

IMPERIAL AIR TECHNOLOGIES, INC. (GREENTEK)

Model: SS 3.80 FSD HRV • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 0.85
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 11.8% Supply 7.6% Exhaust • Low Temp. Imbalance Factor: 0.86

VENTILATION PERFORMANCE

EXT. 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	47	99	48	100	48	102
50	0.2	44	93	45	94	43	92
75	0.3	39	83	40	84	38	80
100	0.4	35	75	35	75	36	78
125	0.5	30	65	30	66	32	68
150	0.6	27	56	27	57	25	52
175	0.7	22	46	22	47	19	41

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	19	40	28	64	72	0.00
	0	+32	30	65	40	59	66	0.00
	-25	-13	18	37	30	55	73	-0.01

IMPERIAL AIR TECHNOLOGIES, INC. (IMPERIAL)

Model: DH 7.15 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 9.4% Supply 9.6% Exhaust ● Low Temp. Imbalance Factor: 0.94

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	89	189	90	191	113	239
50	0.2	81	173	82	174	104	221
75	0.3	75	159	75	160	94	200
100	0.4	69	146	69	148	84	179
125	0.5	62	132	63	133	77	163
150	0.6	57	121	58	122	66	140
175	0.7	53	112	53	113	57	121
200	0.8	46	98	47	99	48	102
225	0.9	40	85	40	86	40	85
250	1.0	34	73	35	74	35	74
275	1.1	30	63	30	64	28	60

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	32	68	90	68	82	0.01
	0	+32	43	92	104	67	78	0.01
	0	+32	56	119	114	65	75	0.01
	-25	-13	32	67	92	64	84	0.04

IMPERIAL AIR TECHNOLOGIES, INC. (IMPERIAL)

Model: PE 7.15 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 9.4% Supply 0% Exhaust ● Low Temp. Imbalance Factor: 0.74

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	97	207	99	210	99	211
50	0.2	89	189	91	193	91	193
75	0.3	88	187	84	179	84	178
100	0.4	75	159	76	162	76	162
125	0.5	70	148	71	150	69	147
150	0.6	62	131	63	133	62	131
175	0.7	55	116	55	118	55	117
200	0.8	49	104	50	106	48	102
225	0.9	42	90	43	91	43	92
250	1.0	36	77	37	78	40	86
275	1.1	32	68	32	69	32	69

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	24	51	58	65	76	0.32
	0	+32	38	80	76	65	73	0.29
	0	+32	56	118	96	62	70	0.26
	-15	5	26	55	59	52	78	0.26
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	30	64	66		34	

IMPERIAL AIR TECHNOLOGIES, INC. (IMPERIAL)

Model: PE 10.22 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 5.7% Supply 0% Exhaust ● Low Temp. Imbalance Factor: 0.77

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	115	244	116	247	108	230
50	0.2	106	225	107	228	101	215
75	0.3	98	208	99	210	95	202
100	0.4	88	188	89	190	83	177
125	0.5	81	173	82	175	74	157
150	0.6	71	150	71	152	67	142
175	0.7	65	139	66	140	60	127
200	0.8	57	122	58	124	52	110
225	0.9	49	105	50	106	42	89
250	1.0	40	86	41	87	67	74
275	1.1	34	72	34	73	30	63

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	37	78	74	71	81	0.44
	0	+32	50	107	80	72	79	0.41
	0	+32	71	150	102	69	77	0.35
	-15	5	36	75	65	58	82	0.27
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	35	75	72		48	

IMPERIAL AIR TECHNOLOGIES, INC. (IMPERIAL)

Model: PH7.15 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 11.3% Supply 7.6% Exhaust ● Low Temp. Imbalance Factor: 0.94

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		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
200	0.8	46	96	46	96	50	106
225	0.9	40	85	40	86	43	91
250	1.0	35	75	36	75	39	82
275	1.1	29	62	29	62	34	71

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	31	65	72	66	75	-0.01
	0	+32	39	83	80	63	72	-0.01
	0	+32	50	107	94	60	67	-0.01
	-25	-13	36	76	72	56	73	0.00

IMPERIAL AIR TECHNOLOGIES, INC. (IMPERIAL)

Model: PH 10.22 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.10 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 2.3% Supply 0.2% Exhaust ● Low Temp. Imbalance Factor: 0.91

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		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
200	0.8	61	129	61	131	60	128
225	0.9	52	110	52	111	49	104
250	1.0	45	96	46	97	40	86
275	1.1	37	79	38	80	32	68
300	1.2	29	61	29	62	26	54

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	55	118	106	61	71	0.00
	0	+32	75	160	132	58	65	0.00
	0	+32	87	185	150	55	62	0.00
	-25	-13	57	120	105	58	72	0.01

IMPERIAL AIR TECHNOLOGIES, INC. (IMPERIAL)

Model: RNC 1.5 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 11.3% Supply 7.6% Exhaust ● Low Temp. Imbalance Factor: 0.94

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		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
200	0.8	46	96	46	96	50	106
225	0.9	40	85	40	86	43	91
250	1.0	35	75	36	75	39	82
275	1.1	29	62	29	62	34	71

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	31	65	72	66	75	-0.01
	0	+32	39	83	80	63	72	-0.01
	0	+32	50	107	94	60	67	-0.01
	-25	-13	36	76	72	56	73	0.00

IMPERIAL AIR TECHNOLOGIES, INC. (IMPERIAL)

Model: RNC 2.0 • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.10 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 2.3% Supply 0.2% Exhaust • Low Temp. Imbalance Factor: 0.91

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		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
200	0.8	61	129	61	131	60	128
225	0.9	52	110	52	111	49	104
250	1.0	45	96	46	97	40	86
275	1.1	37	79	38	80	32	68
300	1.2	29	61	29	62	26	54

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	55	118	106	61	71	0.00
	0	+32	75	160	132	58	65	0.00
	0	+32	87	185	150	55	62	0.00
	-25	-13	57	120	105	58	72	0.01

IMPERIAL AIR TECHNOLOGIES, INC. (IMPERIAL)

Model: Solace XPH 1.5 • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 14% Supply 8% Exhaust • Low Temp. Imbalance Factor: .90

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	72	153	72	153	67	142
50	0.2	67	142	68	143	61	129
75	0.3	61	130	62	130	55	116
100	0.4	55	117	55	118	47	101
125	0.5	49	103	49	103	41	87
150	0.6	42	88	42	89	34	73
175	0.7	35	75	35	75	27	59
200	0.8	28	61	28	61	22	46

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	31	62	52	75	84	-0.02
	0	+32	40	84	64	73	80	-0.02
	0	+32	50	106	74	70	77	-0.01
	-25	-13	32	68	49	62	81	0.00

IMPERIAL AIR TECHNOLOGIES, INC. (IMPERIAL)

Model: Solace XPH 2.0 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 21% Supply 4% Exhaust ● Low Temp. Imbalance Factor: .82

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	122	258	126	260	120	254
50	0.2	114	241	115	242	111	235
75	0.3	105	223	106	225	103	218
100	0.4	98	207	99	209	94	199
125	0.5	89	189	90	190	85	180
150	0.6	81	172	82	174	76	161
175	0.7	72	152	73	154	67	142
200	0.8	63	133	64	135	58	123
225	0.9	56	119	57	121	50	106
250	1.0	48	102	48	102	42	89
275	1.1	41	87	42	88	35	74

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	29	61	62	78	90	0.00
	0	+32	43	91	74	76	85	0.00
	0	+32	60	127	92	73	80	0.00
	-25	-13	31	66	59	66	88	-0.01

IMPERIAL AIR TECHNOLOGIES, INC. (IMPERIAL)

Model: SS 3.12 DD (SP) ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.05 @100 Pa/0.4 in. wg 0.04 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 11.8% Supply 36.8% Exhaust ● Low Temp. Imbalance Factor: 1.31

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	59	125	62	131	64	135
50	0.2	52	109	54	114	59	124
75	0.3	49	104	52	109	55	115
100	0.4	45	95	47	100	49	105
125	0.5	39	83	41	87	46	97
150	0.6	34	71	35	74	37	79
175	0.7	28	60	30	63	32	68
200	0.8	23	49	24	51	26	55

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	24	51	76	61	78	0.00
	0	+32	32	67	86	59	71	0.00
	0	+32	41	87	104	55	68	0.00

IMPERIAL AIR TECHNOLOGIES, INC. (IMPERIAL)

Model: SS 3.12 DD (TP) ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.05 @100 Pa/0.4 in. wg 0.04 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 11.8% Supply 36.8% Exhaust ● Low Temp. Imbalance Factor: 1.31

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	59	125	62	131	64	135
50	0.2	52	109	54	114	59	124
75	0.3	49	104	52	109	55	115
100	0.4	45	95	47	100	49	105
125	0.5	39	83	41	87	46	97
150	0.6	34	71	35	74	37	79
175	0.7	28	60	30	63	32	68
200	0.8	23	49	24	51	26	55

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	24	51	76	61	78	0.00
	0	+32	32	67	86	59	71	0.00
	0	+32	41	87	104	55	68	0.00

IMPERIAL AIR TECHNOLOGIES, INC. (IMPERIAL)

Model: SS 3.12 FSD (SP) ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.04 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 19.4% Supply 9.6% Exhaust ● Low Temp. Imbalance Factor: 0.82

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	54	115	56	119	67	142
50	0.2	51	109	53	112	62	132
75	0.3	45	95	47	100	58	123
100	0.4	39	84	40	85	53	113
125	0.5	35	75	36	76	47	100
150	0.6	31	65	32	68	42	90
175	0.7	27	58	28	59	35	75
200	0.8	23	49	24	21	27	57

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	30	64	82	61	74	0.00
	0	+32	44	94	108	57	68	0.00
	0	+32	54	116	124	52	62	0.00

IMPERIAL AIR TECHNOLOGIES, INC. (IMPERIAL)

Model: SS 3.12 FSD (TP) ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.04 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 19.4% Supply 9.6% Exhaust ● Low Temp. Imbalance Factor: 0.82

VENTILATION PERFORMANCE

EXT. 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	54	115	56	119	67	142
50	0.2	51	109	53	112	62	132
75	0.3	45	95	47	100	58	123
100	0.4	39	84	40	85	53	113
125	0.5	35	75	36	76	47	100
150	0.6	31	65	32	68	42	90
175	0.7	27	58	28	59	35	75
200	0.8	23	49	24	21	27	57

ENERGY PERFORMANCE

SUPPLY TEMPERATURE	°C	°F	NET AIR FLOW L/S	NET AIR FLOW CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	30	64	82	61	74	0.00
	0	+32	44	94	108	57	68	0.00
	0	+32	54	116	124	52	62	0.00

IMPERIAL AIR TECHNOLOGIES, INC. (IMPERIAL)

Model: SS 3.80 FSD ERV ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 0.85
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 17.3% Supply 0% Exhaust ● Low Temp. Imbalance Factor: 0.75

VENTILATION PERFORMANCE

EXT. 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	49	105	49	105	46	97
50	0.2	46	97	47	99	41	86
75	0.3	44	92	44	93	41	86
100	0.4	37	80	38	81	34	73
125	0.5	34	73	35	74	29	63
150	0.6	29	62	29	63	25	52
175	0.7	23	48	23	49	18	37
200	0.8	22	46	22	47	10	20

ENERGY PERFORMANCE

SUPPLY TEMPERATURE	°C	°F	NET AIR FLOW L/S	NET AIR FLOW CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	20	41	30	65	74	0.47
	0	+32	30	64	36	64	71	0.40
	-15	5	16	35	27	54	80	0.39
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	19	41	30		43	

CERTIFIED HEAT AND ENERGY RECOVERY VENTILATORS

IMPERIAL AIR TECHNOLOGIES, INC. (IMPERIAL)

Model: SS 3.80 FSD HRV • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 0.85
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 11.8% Supply 7.6% Exhaust • Low Temp. Imbalance Factor: 0.86

VENTILATION PERFORMANCE

EXT. 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	47	99	48	100	48	102
50	0.2	44	93	45	94	43	92
75	0.3	39	83	40	84	38	80
100	0.4	35	75	35	75	36	78
125	0.5	30	65	30	66	32	68
150	0.6	27	56	27	57	25	52
175	0.7	22	46	22	47	19	41

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	19	40	28	64	72	0.00
	0	+32	30	65	40	59	66	0.00
	-25	-13	18	37	30	55	73	-0.01

KENMORE

Model: ES 1.5 • Options Installed: Damper
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 22.6% Supply 35.6% Exhaust • Low Temp. Imbalance Factor: 1.1

VENTILATION PERFORMANCE

EXT. 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	89	189	89	190	87	185
50	0.2	83	177	84	179	83	177
75	0.3	79	167	79	169	79	167
100	0.4	74	156	74	158	73	155
125	0.5	69	147	69	148	68	146
150	0.6	64	136	64	137	63	133
175	0.7	59	126	60	127	58	123
200	0.8	54	115	54	116	51	108
225	0.9	47	100	47	101	45	96
250	1.0	40	86	41	87	38	80
275	1.1	35	74	35	75	31	65

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	23	49	24	75	83	0.01
	0	+32	30	64	26	74	80	0.01
	0	+32	38	81	32	73	78	0.01
	0	+32	57	122	54	67	72	0.01
	-25	-13	29	61	40	64	89	0.02

LENNOX

Model: ERV3-150 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.04 @100 Pa/0.4 in. wg 0.04 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: Supply - NA Exhaust - NA ● Low Temp. Imbalance Factor: NA

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	71	151	74	157	73	154
50	0.2	67	141	69	146	69	147
75	0.3	62	132	65	137	67	142
100	0.4	59	124	61	129	61	130
125	0.5	50	107	52	111	54	116
150	0.6	46	98	48	102	48	101
175	0.7	38	81	40	84	41	87
200	0.8	28	60	30	63	29	61

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	30	63	70	69	81	.50
	0	+32	45	96	94	67	76	.42
	0	+32	55	117	108	65	73	.38
	-25	-13						
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	30	65	68		47	

LENNOX

Model: ERV3-200 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: NA @100 Pa/0.4 in. wg NA @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: NA% Supply NA% Exhaust ● Low Temp. Imbalance Factor: NA

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	85	180	89	189	90	191
50	0.2	80	169	83	176	84	179
75	0.3	74	157	77	164	79	167
100	0.4	69	146	72	152	71	150
125	0.5	62	132	65	138	63	134
150	0.6	56	118	58	123	56	119
175	0.7	48	101	50	105	48	102
200	0.8	39	82	41	86	42	89
225	0.9	22	47	24	50	32	68

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	66	68	72	81	.48
	0	+32	55	116	97	69	76	.61
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	30	65	64		47	
	+35	+95	55	117	98		50	

CERTIFIED HEAT AND ENERGY RECOVERY VENTILATORS

LENNOX

Model: HRV3-095 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: .9
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.08 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 14.5% Supply 22.1% Exhaust ● Low Temp. Imbalance Factor: 1.0

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	36	76	40	84	49	104
50	0.2	34	73	38	81	48	101
75	0.3	33	70	37	78	46	98
100	0.4	31	66	34	73	44	94
125	0.5	29	60	32	67	43	91

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	28	60	59	75	88	-0.01
	0	+32	33	71	58	73	86	.03
	0	+32	42	89	89	73	84	.04
	-25	-13	29	61	76	68	86	.02

LENNOX

Model: HRV3-095GDX ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 0.90
Exhaust Air Transfer Ratio: 0.10 @100 Pa/0.4 in. wg 0.08 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 15% Supply, 22% Exhaust Low ● Temp. Imbalance Factor: 1.00

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	36	76	40	84	49	104
50	0.2	34	73	38	81	48	101
75	0.3	33	70	37	78	46	98
100	0.4	31	66	34	73	44	94
125	0.5	29	60	32	67	43	91

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	28	60	59	75	88	-0.01
	0	+32	33	71	58	73	86	0.03
	0	+32	42	89	89	73	84	0.04
	-25	-13	29	61	76	68	86	0.02

CERTIFIED HEAT AND ENERGY RECOVERY VENTILATORS

LENNOX

Model: HRV3-195 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.05 @100 Pa/0.4 in. wg 0.04 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 5% Supply 4.3% Exhaust ● Low Temp. Imbalance Factor: .93

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	101	216	108	229	103	219
50	0.2	92	195	97	207	96	205
75	0.3	85	181	91	193	90	192
100	0.4	74	158	79	168	84	179
125	0.5	68	144	72	153	77	164
150	0.6	59	125	63	133	69	146
175	0.7	50	107	53	114	61	130
200	0.8	34	72	36	76	51	109

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	35	73	74	82	92	0.10
	0	+32	46	98	88	78	88	0.07
	0	+32	54	114	98	78	86	0.05
	0	+32	73	155	123	75	82	0.02
	-25	-13	53	112	97	72	88	0.01

LENNOX

Model: HRV3-150● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.04 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 3.7% Supply 13.8% Exhaust ● Low Temp. Imbalance Factor: 1.04

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	68	144	70	149	80	171
50	0.2	63	134	65	139	78	165
75	0.3	59	125	61	129	75	160
100	0.4	53	113	55	117	74	157
125	0.5	43	92	45	95	70	149
150	0.6	34	73	36	76	64	137
175	0.7	28	59	29	61	57	122

ENERGY PERFORMANCE

	°C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	30	64	78	64	73	0.00
	0	+32	45	96	104	63	71	0.01
	0	+32	55	117	119	61	69	0.01
	-25	-13	35	74	96	66	78	0.00
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	29	62	77		17	

LENNOX

Model: HRV3-150GDX ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.04 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 3.7% Supply 13.8% Exhaust ● Low Temp. Imbalance Factor: 1.04

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	68	144	70	149	80	171
50	0.2	63	134	65	139	78	165
75	0.3	59	125	61	129	75	160
100	0.4	53	113	55	117	74	157
125	0.5	43	92	45	95	70	149
150	0.6	34	73	36	76	64	137
175	0.7	28	59	29	61	57	122

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	30	64	78	64	73	0.00
	0	+32	45	96	104	63	71	0.01
	0	+32	55	117	119	61	69	0.01
	-25	-13	35	74	96	66	78	0.00
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	29	62	77		17	

LENNOX

Model: HRV3-200 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.04 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 2.2% Supply 10.8% Exhaust ● Low Temp. Imbalance Factor: 1.03

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	97	207	100	214	108	230
50	0.2	94	200	97	206	103	218
75	0.3	87	184	90	191	97	207
100	0.4	80	171	84	179	96	203
125	0.5	71	152	76	161	88	187
150	0.6	61	130	66	140	82	174
175	0.7	55	116	60	129	67	143
200	0.8	40	86	46	98	56	118

ENERGY PERFORMANCE

	°C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	66	81	64	74	0.06
	0	+32	45	96	99	63	71	0.03
	0	+32	55	117	113	61	69	0.03
	-25	-13	51	109	119	62	73	0.01

LENNOX

Model: HRV3-200GDX • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.04 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 2% Supply 11% Exhaust • Low Temp. Imbalance Factor: 1.03

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	97	207	100	214	108	230
50	0.2	94	200	97	206	103	218
75	0.3	87	184	90	191	97	207
100	0.4	80	171	84	179	96	203
125	0.5	71	152	76	161	88	187
150	0.6	61	130	66	140	82	174
175	0.7	55	116	60	129	67	143
200	0.8	40	86	46	98	56	118

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	31	66	81	64	74	0.06
	0	+32	45	96	99	63	71	0.03
	0	+32	55	117	113	61	69	0.03
	-25	-13	51	109	119	62	73	0.01

LENNOX

Model: HRV3-300 • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 2.9
Exhaust Air Transfer Ratio: 0.06 @100 Pa/0.4 in. wg 0.06 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 4% Supply 3% Exhaust • Low Temp. Imbalance Factor: 0.90

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	110	232	117	247	123	261
50	02	100	212	107	226	117	248
75	0.3	96	202	102	215	112	238
100	0.4	86	183	92	195	105	222
125	0.5	77	163	82	174	95	202
150	0.6	68	144	72	153	88	187
175	0.7	58	123	62	131	79	166
200	0.8	43	92	46	98	68	144
225	0.9	36	76	38	81	55	117

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	55	117	118	79	90	0.14
	0	+32	66	140	132	77	88	0.05
	0	+32	96	203	207	74	85	0.04
	-25	-13	62	132	125	70	88	0.04

NAPOLEON

Model: NP150HRV ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.04 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 3.7% Supply 13.8% Exhaust ● Low Temp. Imbalance Factor: 1.04

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	68	144	70	149	80	171
50	0.2	63	134	65	139	78	165
75	0.3	59	125	61	129	75	160
100	0.4	53	113	55	117	74	157
125	0.5	43	92	45	95	70	149
150	0.6	34	73	36	76	64	137
175	0.7	28	59	29	61	57	122

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	30	64	78	64	73	0.00
	0	+32	45	96	104	63	71	0.01
	0	+32	55	117	119	61	69	0.01
	-25	-13	35	74	96	66	78	0.00
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	29	62	77		17	

NAPOLEON

Model: NP200HRV ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.04 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 2% Supply 11% Exhaust ● Low Temp. Imbalance Factor: 1.03

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	97	207	100	214	108	230
50	0.2	94	200	97	206	103	218
75	0.3	87	184	90	191	97	207
100	0.4	80	171	84	179	96	203
125	0.5	71	152	76	161	88	187
150	0.6	61	130	66	140	82	174
175	0.7	55	116	60	129	67	143
200	0.8	40	86	46	98	56	118

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	66	81	64	74	0.06
	0	+32	45	96	99	63	71	0.03
	0	+32	55	117	113	61	69	0.03
	-25	-13	51	109	119	62	73	0.01

CERTIFIED HEAT AND ENERGY RECOVERY VENTILATORS

NU-AIR VENTILATION SYSTEMS, INC.

Model: CEA13 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: .7
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 18.3% Supply 25.3%Exhaust ● Low Temp. Imbalance Factor: 1.05

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	67	143	68	144	82	174
50	0.2	58	124	59	125	71	150
75	0.3	51	109	52	110	64	135
100	0.4	47	104	48	101	58	122
125	0.5	43	92	44	93	49	104
150	0.6	37	78	37	79	44	93
175	0.7	30	63	30	64	41	86
200	0.8	22	46	22	47	34	72

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	30	64	50	71	80	0.03
	0	+32	45	96	80	64	73	0.01
	0	+32	55	116	90	63	70	0.00
	-25	-13	28	60	69	64	82	0.00

NU-AIR VENTILATION SYSTEMS, INC.

Model: CEA20-D ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 8% Supply 6%Exhaust ● Low Temp. Imbalance Factor: 0.87

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	84	179	86	183	92	196
50	0.2	83	176	85	180	87	184
75	0.3	79	169	81	173	82	174
100	0.4	76	162	78	165	78	166
125	0.5	70	149	72	153	72	154
150	0.6	65	138	66	141	67	142
175	0.7	59	125	60	128	60	127

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	40	86	140	60	72	0.02
	0	+32	54	116	158	59	69	0.02
	0	+32	64	135	178	59	70	0.03
	-25	-13	56	118	176	57	73	0.03
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	54	114	156		24	

CERTIFIED HEAT AND ENERGY RECOVERY VENTILATORS

NU-AIR VENTILATION SYSTEMS, INC.

Model: EL1300 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: .7
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 18.3% Supply 25.3%Exhaust ● Low Temp. Imbalance Factor: 1.05

VENTILATION PERFORMANCE

EXT. 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	64	136	65	137	78	165
50	0.2	56	118	56	119	67	142
75	0.3	47	103	49	104	60	128
100	0.4	45	95	45	96	55	116
125	0.5	41	87	42	88	46	99
150	0.6	35	74	35	75	42	88
175	0.7	28	60	29	61	39	82
200	0.8	21	44	21	45	32	68

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	30	64	50	71	80	0.03
	0	+32	45	96	80	64	73	0.01
	0	+32	55	116	90	63	70	0.00
	-25	-13	28	60	69	64	82	0.00

NU-AIR VENTILATION SYSTEMS, INC.

Model: EL1650 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.0
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 8% Supply 6%Exhaust ● Low Temp. Imbalance Factor: 0.87

VENTILATION PERFORMANCE

EXT. 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	83	176	84	179	86	183
50	0.2	79	167	80	169	81	171
75	0.3	71	152	74	155	75	158
100	0.4	66	141	67	142	68	144
125	0.5	61	130	62	132	63	134
150	0.6	56	118	58	120	58	123
175	0.7	49	104	49	105	53	112

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	29	62	46	65	73	0.02
	0	+32	41	86	62	63	70	0.00
	0	+32	54	115	76	61	68	-0.01
	-25	-13	30	63	53	59	78	0.02

CERTIFIED HEAT AND ENERGY RECOVERY VENTILATORS

NU-AIR VENTILATION SYSTEMS, INC.

Model: ES100 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 0.7
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 17% Supply 24%Exhaust ● Low Temp. Imbalance Factor: 1.04

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	69	147	71	150	81	172
50	0.2	61	131	63	134	72	153
75	0.3	56	118	57	121	64	135
100	0.4	49	104	50	107	58	123
125	0.5	43	91	44	93	52	111
150	0.6	36	76	37	78	43	92
175	0.7	30	64	31	66	37	79
200	0.8	24	52	25	53	30	64

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	26	54	48	70	79	-0.01
	0	+32	31	66	52	68	76	-0.01
	0	+32	40	85	72	65	73	-0.01
	-25	-13	25	53	53	65	82	0.0

NU-AIR VENTILATION SYSTEMS, INC.

Model: ES150 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: .7
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 18.3% Supply 25.3%Exhaust ● Low Temp. Imbalance Factor: 1.05

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	67	143	68	144	82	174
50	0.2	58	124	59	125	71	150
75	0.3	51	109	52	110	64	135
100	0.4	47	104	48	101	58	122
125	0.5	43	92	44	93	49	104
150	0.6	37	78	37	79	44	93
175	0.7	30	63	30	64	41	86
200	0.8	22	46	22	47	34	72

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	30	64	50	71	80	0.03
	0	+32	45	96	80	64	73	0.01
	0	+32	55	116	90	63	70	0.00
	-25	-13	28	60	69	64	82	0.00

CERTIFIED HEAT AND ENERGY RECOVERY VENTILATORS

NU-AIR VENTILATION SYSTEMS, INC.

Model: ES170 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.0
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 8% Supply 6%Exhaust ● Low Temp. Imbalance Factor: 0.87

VENTILATION PERFORMANCE

EXT. 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	87	185	88	188	91	193
50	0.2	83	176	84	178	85	180
75	0.3	75	160	76	163	78	166
100	0.4	70	148	71	150	71	152
125	0.5	64	137	65	139	67	141
150	0.6	58	124	59	126	61	130
175	0.7	52	110	52	111	55	118

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	29	62	46	65	73	0.02
	0	+32	41	86	62	63	70	0.00
	0	+32	54	115	76	61	68	-0.01
	-25	-13	30	63	53	59	78	0.02

NU-AIR VENTILATION SYSTEMS, INC.

Model: ES210 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.0
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 17.5% Supply 29.8% Exhaust ● Low Temp. Imbalance Factor: 1.05

VENTILATION PERFORMANCE

EXT. 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	107	227	108	230	133	282
50	0.2	96	203	97	206	124	262
75	0.3	92	194	93	196	115	244
100	0.4	84	177	84	179	105	222
125	0.5	76	162	78	164	97	206
150	0.6	70	149	71	150	89	188
175	0.7	62	130	62	132	78	165
200	0.8	54	115	55	116	68	144

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	65	72	70	81	0.05
	0	+32	46	97	82	66	74	0.03
	0	+32	51	107	86	65	73	0.02
	-25	-13	43	91	89	62	77	0.00

NU-AIR VENTILATION SYSTEMS, INC.

Model: NU-145 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: .7
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 18.3% Supply 25.3%Exhaust ● Low Temp. Imbalance Factor: 1.05

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	67	143	68	144	82	174
50	0.2	58	124	59	125	71	150
75	0.3	51	109	52	110	64	135
100	0.4	47	104	48	101	58	122
125	0.5	43	92	44	93	49	104
150	0.6	37	78	37	79	44	93
175	0.7	30	63	30	64	41	86
200	0.8	22	46	22	47	34	72

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	30	64	50	71	80	0.03
	0	+32	45	96	80	64	73	0.01
	0	+32	55	116	90	63	70	0.00
	-25	-13	28	60	69	64	82	0.00

NU-AIR VENTILATION SYSTEMS, INC.

Model: NU165 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.0
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 8% Supply 6%Exhaust ● Low Temp. Imbalance Factor: 0.87

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	87	185	88	188	91	193
50	0.2	83	176	84	178	85	180
75	0.3	75	160	76	163	78	166
100	0.4	70	148	71	150	71	152
125	0.5	64	137	65	139	67	141
150	0.6	58	124	59	126	61	130
175	0.7	52	110	52	111	55	118

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	29	62	46	65	73	0.02
	0	+32	41	86	62	63	70	0.00
	0	+32	54	115	76	61	68	-0.01
	-25	-13	30	63	53	59	78	0.02

CERTIFIED HEAT AND ENERGY RECOVERY VENTILATORS

NU-AIR VENTILATION SYSTEMS, INC.

Model: NU-175 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 8% Supply 6%Exhaust ● Low Temp. Imbalance Factor: 0.87

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	84	179	86	183	92	196
50	0.2	83	176	85	180	87	184
75	0.3	79	169	81	173	82	174
100	0.4	76	162	78	165	78	166
125	0.5	70	149	72	153	72	154
150	0.6	65	138	66	141	67	142
175	0.7	59	125	60	128	60	127

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	40	86	140	60	72	0.02
	0	+32	54	116	158	59	69	0.02
	0	+32	64	135	178	59	70	0.03
	-25	-13	56	118	176	57	73	0.03
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	54	114	156		24	

NU-AIR VENTILATION SYSTEMS, INC.

Model: NU205 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.0
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 17.5% Supply 29.8% Exhaust ● Low Temp. Imbalance Factor: 1.05

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	107	227	108	230	133	282
50	0.2	96	203	97	206	124	262
75	0.3	92	194	93	196	115	244
100	0.4	84	177	84	179	105	222
125	0.5	76	162	78	164	97	206
150	0.6	70	149	71	150	89	188
175	0.7	62	130	62	132	78	165
200	0.8	54	115	55	116	68	144

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	65	72	70	81	0.05
	0	+32	46	97	82	66	74	0.03
	0	+32	51	107	86	65	73	0.02
	-25	-13	43	91	89	62	77	0.00

POWRMATIC OF CANADA, LTD. (DIRECT AIR)

Model: PHRV96● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 0.4
Exhaust Air Transfer Ratio: 0.04 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 7% Supply 9% Exhaust ● Low Temp. Imbalance Factor: 0.97

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	45	96	47	100	49	104
50	0.2	40	85	41	88	41	88
75	0.3	32	67	33	70	34	73
100	0.4	26	56	27	58	28	59
125	0.5	20	42	20	43	20	43

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	26	55	36	57	67	0.02
	0	+32	32	67	40	55	63	0.00
	0	+32	39	84	40	54	60	0.00
	-25	-13	34	73	35	53	66	0.01

POWRMATIC OF CANADA, LTD. (DIRECT AIR)

Model: PHRV96 V09 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 0.4
Exhaust Air Transfer Ratio: 0.03 @100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 15.2% Supply 0% Exhaust ● Low Temp. Imbalance Factor: 0.81

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	40	84	41	86	43	91
50	0.2	35	76	36	77	38	81
75	0.3	30	64	31	66	33	70
100	0.4	26	55	26	56	27	58
125	0.5	21	44	21	45	20	43

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	25	52	34	61	69	-0.01
	0	+32	30	64	44	59	67	0.00
	0	+32	35	75	44	59	56	-0.01
	-25	-13	31	66	40	53	72	-0.01

POWRMATIC OF CANADA, LTD. (DIRECT AIR)

Model: PHRV 140 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: 0.03 @ 100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 5% Supply 0% Exhaust ● Low Temp. Imbalance Factor: 0.82

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	85	181	87	184	84	180
50	0.2	80	170	82	174	79	169
75	0.3	75	159	76	162	75	159
100	0.4	70	149	71	151	68	146
125	0.5	65	138	66	141	64	136
150	0.6	60	128	61	130	59	125
175	0.7	55	116	56	119	54	114
200	0.8	49	104	50	106	47	100
225	0.9	43	91	43	92	41	87
250	1.0	36	77	37	79	35	75
275	1.1	30	63	30	64	29	61
300	1.2	23	49	24	50	22	46

ENERGY PERFORMANCE

SUPPLY TEMPERATURE			NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	31	67	72	60	73	-0.11
	0	+32	51	109	98	59	70	0.00
	0	+32	76	161	144	55	63	0.00
	-25	-13	32	68	73	56	77	-0.02

POWRMATIC OF CANADA, LTD. (DIRECT AIR)

Model: PHRV 150 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: 0.03 @ 100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 5% Supply 0% Exhaust ● Low Temp. Imbalance Factor: 0.82

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	85	181	87	184	84	180
50	0.2	80	170	82	174	79	169
75	0.3	75	159	76	162	75	159
100	0.4	70	149	71	151	68	146
125	0.5	65	138	66	141	64	136
150	0.6	60	128	61	130	59	125
175	0.7	55	116	56	119	54	114
200	0.8	49	104	50	106	47	100
225	0.9	43	91	43	92	41	87
250	1.0	36	77	37	79	35	75
275	1.1	30	63	30	64	29	61
300	1.2	23	49	24	50	22	46

ENERGY PERFORMANCE

SUPPLY TEMPERATURE			NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	31	67	72	60	73	-0.11
	0	+32	51	109	98	59	70	0.00
	0	+32	76	161	144	55	63	0.00
	-25	-13	32	68	73	56	77	-0.02

POWRMATIC OF CANADA, LTD. (DIRECT AIR)

Model: PHRV155 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.02 @ 100 Pa / 0.4 in. wg 0.02 @50 Pa/0.2 in. wg
Low Temp. Vent Reduction Factor: 11% Supply 19% Exhaust ● Low Temp. Imbalance Factor: 1.01

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	85	180	86	182	88	188
50	0.2	82	174	84	178	84	178
75	0.3	77	164	79	168	79	168
100	0.4	71	152	73	156	74	158
125	0.5	65	137	66	139	68	146
150	0.6	57	121	59	125	63	133
175	0.7	50	107	51	109	57	121
200	0.8	46	97	46	97	51	109
225	0.9	41	87	42	89	45	95
250	1.0	40	85	40	85	39	83

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	32	40	85	70	60	76	-0.02
	0	32	48	101	94	62	71	-0.02
	0	32	75	159	140	60	68	-0.01
	-25	-13	40	85	93	63	76	0.00

POWRMATIC OF CANADA, LTD. (DIRECT AIR)

Model: PHRV160 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.02 @ 100 Pa / 0.4 in. wg 0.02 @50 Pa/0.2 in. wg
Low Temp. Vent Reduction Factor: 11% Supply 19% Exhaust ● Low Temp. Imbalance Factor: 1.01

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	85	180	86	182	88	188
50	0.2	82	174	84	178	84	178
75	0.3	77	164	79	168	79	168
100	0.4	71	152	73	156	74	158
125	0.5	65	137	66	139	68	146
150	0.6	57	121	59	125	63	133
175	0.7	50	107	51	109	57	121
200	0.8	46	97	46	97	51	109
225	0.9	41	87	42	89	45	95
250	1.0	40	85	40	85	39	83

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	32	40	85	70	60	76	-0.02
	0	32	48	101	94	62	71	-0.02
	0	32	75	159	140	60	68	-0.01
	-25	-13	40	85	93	63	76	0.00

POWRMATIC OF CANADA, LTD. (DIRECT AIR)

Model: Powrmatic PHRV200 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 2.1
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 8% Supply 0% Exhaust ● Low Temp. Imbalance Factor: 0.81

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	114	243	116	246	120	254
50	0.2	109	230	110	233	115	244
75	0.3	103	218	104	221	106	225
100	0.4	95	201	96	204	101	215
125	0.5	86	182	87	185	94	199
150	0.6	78	166	79	168	87	184
175	0.7	71	151	72	154	79	168
200	0.8	65	137	66	139	71	151
225	0.9	59	125	60	127	64	136
250	1.0	53	112	53	113	56	118
275	1.1	46	98	47	99	51	108
300	1.2	42	88	42	90	44	93
325	1.3	37	78	37	79	39	83
350	1.4	31	66	32	67	35	75
375	1.5	26	55	26	56	30	63

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	31	65	108	62	77	0.06
	0	+32	55	117	154	62	74	0.07
	0	+32	90	191	246	60	71	0.00
	-25	-13	61	129	154	59	79	0.00

POWRMATIC OF CANADA, LTD. (DIRECT AIR)

Model: Powrmatic PHRVR 96 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: .4
Exhaust Air Transfer Ratio: 0.03 @100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 10.6% Supply 13.9% Exhaust ● Low Temp. Imbalance Factor: 0.96

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	40	84	41	86	43	91
50	0.2	35	76	36	77	38	81
75	0.3	30	64	31	66	33	70
100	0.4	26	55	26	56	27	58
125	0.5	21	44	21	45	20	43

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	25	52	34	61	69	0
	0	+32	30	64	44	59	67	0
	0	+32	35	75	44	59	66	0
	-25	-13	27	63	42	61	73	0.01

POWRMATIC OF CANADA, LTD. (DIRECT AIR)

Model: PHRVR100R ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 14% Supply 12% Exhaust ● Low Temp. Imbalance Factor: 0.97

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	69	146	70	148	70	148
50	0.2	61	129	62	132	63	133
75	0.3	55	116	56	118	57	120
100	0.4	49	105	50	107	51	107
125	0.5	45	96	46	97	45	95
150	0.6	41	88	42	89	40	84
175	0.7	38	80	39	82	35	73
200	0.8	34	73	35	74	30	63

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	24	52	46	70	80	-0.08
	0	+32	33	69	56	67	75	-0.06
	0	+32	47	99	102	64	73	-0.04
	-25	-13	34	72	69	66	78	0.00

POWRMATIC OF CANADA, LTD. (DIRECT AIR)

Model: Direct Air PHRVR104 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 14% Supply 12% Exhaust ● Low Temp. Imbalance Factor: 0.97

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	69	146	70	148	70	148
50	0.2	61	129	62	132	63	133
75	0.3	55	116	56	118	57	120
100	0.4	49	105	50	107	51	107
125	0.5	45	96	46	97	45	95
150	0.6	41	88	42	89	40	84
175	0.7	38	80	39	82	35	73
200	0.8	34	73	35	74	30	63

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	24	52	46	70	80	-0.08
	0	+32	33	69	56	67	75	-0.06
	0	+32	47	99	102	64	73	-0.04
	-25	-13	34	72	69	66	78	0.00

POWRMATIC OF CANADA, LTD. (DIRECT AIR)

Model: Powrmatic PHRVR 155 • Options Installed: Damper
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 12% Supply 14% Exhaust • Low Temp. Imbalance Factor: 0.96

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	78	167	80	169	86	182
50	0.2	74	158	75	160	79	168
75	0.3	71	150	72	152	75	160
100	0.4	67	142	68	144	68	145
125	0.5	65	137	66	140	63	135
150	0.6	58	124	59	126	58	123
175	0.7	52	110	53	112	52	110
200	0.8	47	100	48	101	46	98
225	0.9	42	89	43	91	40	84
250	1.0	36	76	36	77	34	71
275	1.1	28	60	28	60	27	58

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	65	72	59	73	0.01
	0	+32	49	104	102	61	70	0.00
	0	+32	76	161	148	58	66	-0.01
	-25	-13	32	68	96	61	77	0.02

POWRMATIC OF CANADA, LTD. (DIRECT AIR)

Model: Powrmatic PHRVR 160 • Options Installed: Damper
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 12% Supply 14% Exhaust • Low Temp. Imbalance Factor: 0.96

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	78	167	80	169	86	182
50	0.2	74	158	75	160	79	168
75	0.3	71	150	72	152	75	160
100	0.4	67	142	68	144	68	145
125	0.5	65	137	66	140	63	135
150	0.6	58	124	59	126	58	123
175	0.7	52	110	53	112	52	110
200	0.8	47	100	48	101	46	98
225	0.9	42	89	43	91	40	84
250	1.0	36	76	36	77	34	71
275	1.1	28	60	28	60	27	58

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	65	72	59	73	0.01
	0	+32	49	104	102	61	70	0.00
	0	+32	76	161	148	58	66	-0.01
	-25	-13	32	68	96	61	77	0.02

POWRMATIC OF CANADA, LTD. (DIRECT AIR)

Model: Powrmatic PHRVR 205 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 2.1
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 8% Supply 18% Exhaust ● Low Temp. Imbalance Factor: 1.09

EXT. 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	114	243	116	246	120	254
50	0.2	109	230	110	233	115	244
75	0.3	103	218	104	221	106	225
100	0.4	95	201	96	204	101	215
125	0.5	86	182	87	185	94	199
150	0.6	78	166	79	168	87	184
175	0.7	71	151	72	154	79	168
200	0.8	65	137	66	139	71	151
225	0.9	59	125	60	127	64	136
250	1.0	53	112	53	113	56	118
275	1.1	46	98	47	99	51	108
300	1.2	42	88	42	90	44	93
325	1.3	37	78	37	79	39	83
350	1.4	31	66	32	67	35	75
375	1.5	26	55	26	56	30	63

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	65	108	62	77	0.06
	0	+32	55	117	154	62	74	0.07
	0	+32	90	191	246	60	71	0.00
	-25	-13	59	126	141	64	81	0.01

POWRMATIC OF CANADA, LTD. (DIRECT AIR)

Model: PHRVR210 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 2.1
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 8% Supply 18% Exhaust ● Low Temp. Imbalance Factor: 1.09

EXT. 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	114	243	116	246	120	254
50	0.2	109	230	110	233	115	244
75	0.3	103	218	104	221	106	225
100	0.4	95	201	96	204	101	215
125	0.5	86	182	87	185	94	199
150	0.6	78	166	79	168	87	184
175	0.7	71	151	72	154	79	168
200	0.8	65	137	66	139	71	151
225	0.9	59	125	60	127	64	136
250	1.0	53	112	53	113	56	118
275	1.1	46	98	47	99	51	108
300	1.2	42	88	42	90	44	93
325	1.3	37	78	37	79	39	83
350	1.4	31	66	32	67	35	75
375	1.5	26	55	26	56	30	63

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	65	108	62	77	0.06
	0	+32	55	117	154	62	74	0.07
	0	+32	90	191	246	60	71	0.00
	-25	-13	59	126	141	64	81	0.01

POWRMATIC OF CANADA, LTD. (DIRECT AIR)

Model: Powrmatic PHRVR 305 ● Options Installed: None
Electrical Requirements: Volts: 115 Amps: 2.7
Exhaust Air Transfer Ratio: --- @100 Pa/0.4 in. wg --- @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 7% Supply 9% Exhaust ● Low Temp. Imbalance Factor: 0.96

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	126	268	131	277	139	294
50	0.2	124	262	127	270	132	279
75	0.3	116	246	119	253	126	266
100	0.4	109	231	112	238	117	247
125	0.5	103	219	107	226	111	236
150	0.6	96	204	100	211	101	215
175	0.7	93	196	95	202	101	213
200	0.8	89	188	92	194	94	200
250	1.0	77	163	79	168	82	174
300	1.2	69	147	71	151	71	151
350	1.4	56	118	57	121	58	123

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	30	64	126	76	91	0.02
	0	+32	55	117	212	78	92	0.01
	0	+32	74	157	262	78	91	-0.09
	-25	-13	57	121	224	72	91	0.09
	-25	-13	55	117	220	72	--	---
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	54	115	206		18	
	+35	+95	74	159	260		17	

POWRMATIC OF CANADA, LTD. (DIRECT AIR)

Model: Powrmatic PW150 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.6
Exhaust Air Transfer Ratio: 0.10 @100 Pa/0.4 in. wg 0.10 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 12% Supply 2% Exhaust ● Low Temp. Imbalance Factor: 0.88

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	71	151	72	153	68	145
50	0.2	67	142	68	144	66	139
75	0.3	65	137	65	138	62	132
100	0.4	60	128	61	130	58	123
125	0.5	57	120	57	121	55	116
150	0.6	52	111	53	112	50	105
175	0.7	48	102	49	103	45	95
200	0.8	43	91	43	92	41	86
225	0.9	40	84	40	85	36	76
250	1.0	34	72	34	72	32	67
275	1.1	29	62	30	63	26	56
300	1.2	26	56	27	57	21	44

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	30	64	94	61	72	0.01
	0	+32	39	83	121	59	70	0.02
	0	+32	57	121	168	56	66	0.02
	-25	-13	41	87	119	56	69	0.05
	-25	-13	30	64	86	55	---	---
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	30	64	96		14	
	+35	+95	53	113	163		12	

RENEWAIRE LLC

Model Number: BR70 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.0
Exhaust Air Transfer Ratio: 0.03 @ 100 Pa/0.4 in. wg 0.04 @ 50 Pa / 0.2 in wg

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	41	86	42	89	46	97
50	0.2	34	73	35	75	39	84
75	0.3	28	59	29	61	32	69
100	0.4	21	46	22	47	25	53

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	32	69	94	66	77	0.53
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	30	64	94		42	

RENEWAIRE LLC

Model Number: BR130 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: 0.02 @ 100 Pa/0.4 in. wg 0.02 @ 50 Pa/0.2 in. wg

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	70	148	71	151	75	159
50	0.2	66	141	67	143	69	147
75	0.3	62	132	63	134	64	135
100	0.4	53	113	54	115	56	119
125	0.5	44	94	45	96	47	99
150	0.6	32	69	33	70	29	62
175	0.7	24	52	25	53	21	45

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	58	124	121	72	80	0.55
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	59	126	121		46	

RENEWAIRE LLC

Model Number: EV70 • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.0
Exhaust Air Transfer Ratio: 0.02 @ 100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in wg

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	43	92	44	93	44	93
50	0.2	36	77	37	79	37	79
75	0.3	29	61	29	62	29	62
100	0.4	22	47	22	48	22	48

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	34	73	84	69	78	0.54
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	34	71	83		47	

RENEWAIRE LLC

Model Number: EV130 • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: 0.02 @ 100 Pa/0.4 in. wg 0.02 @ 50 Pa/0.2 in. wg

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	77	165	79	168	79	168
50	0.2	72	153	73	156	73	156
75	0.3	64	137	66	140	66	140
100	0.4	59	126	61	129	61	129
125	0.5	49	104	50	106	50	106
150	0.6	37	79	38	81	38	81

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	61	130	102	71	77	0.53
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	61	130	102		48	

RENEWAIRE LLC

Model Number: EV200 • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.03 @ 100 Pa /0.4 in. wg 0.03 @ 50 Pa/0.2 in. wg

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	97	207	100	213	109	232
50	0.2	90	192	93	199	104	221
75	0.3	88	186	90	192	101	216
100	0.4	83	176	85	181	96	204
125	0.5	79	168	81	173	88	187
150	0.6	70	149	72	154	76	162
175	0.7	57	122	59	126	68	145

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	85	181	157	78	85	0.62
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	85	180	155		52	

RENEWAIRE LLC

Model Number: EV300 • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 3.3
Exhaust Air Transfer Ratio: 0.02 @ 100 Pa/0.4 in. wg --- @ 50 Pa/0.2 in. wg

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
100	0.4	147	311	150	317	143	303
125	0.5	139	295	142	301	133	283
150	0.6	131	277	133	282	125	265
175	0.7	121	256	123	261	108	230
200	0.8	101	215	103	219	94	198
225	0.9	90	191	92	195	74	156
250	1.0	80	170	82	174	47	99

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	139	297	315	67	74	0.54
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	138	294	313		46	

REVERSOMATIC MFG. LTD.

Model: RERV-D100 ● Options Installed: Internal Ventilation System Controller
Electrical Requirements: Volts: 120 Amps: 1.0
Exhaust Air Transfer Ratio: 0.01 @ 100 Pa / 0.4 in. wg 0.01 @ 50 Pa/0.2 in. wg
Low Temp. Vent Reduction Factor: 32 % Supply 30 % Exhaust ● Low Temp. Imbalance Factor: 0.96

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	55	116	55	117	50	106
50	0.2	52	111	53	113	48	103
75	0.3	50	106	50	107	47	99
100	0.4	48	103	49	104	45	96
125	0.5	45	97	46	98	44	93
150	0.6	44	94	45	95	41	87
175	0.7	42	89	42	90	39	83
200	0.8	38	81	38	82	35	74
225	0.9	34	73	35	73	29	62

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	32	30	64	70	62	71	0.39
	0	32	36	77	82	60	69	0.36
	0	32	42	89	92	59	68	0.33
	-25	-13	21	45	71	53	73	0.32
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	22	46	56		43	
	+35	+95	30	64	70		40	

REVERSOMATIC MFG. LTD.

Model: RERV-S100 ● Options Installed: Internal Ventilation System Controller
Electrical Requirements: Volts: 120 Amps: 1.0
Exhaust Air Transfer Ratio: 0.01 @ 100 Pa / 0.4 in. wg 0.01 @ 50 Pa/0.2 in. wg
Low Temp. Vent Reduction Factor: 32 % Supply 30 % Exhaust ● Low Temp. Imbalance Factor: 0.96

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	55	116	55	117	50	106
50	0.2	52	111	53	113	48	103
75	0.3	50	106	50	107	47	99
100	0.4	48	103	49	104	45	96
125	0.5	45	97	46	98	44	93
150	0.6	44	94	45	95	41	87
175	0.7	42	89	42	90	39	83
200	0.8	38	81	38	82	35	74
225	0.9	34	73	35	73	29	62

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	32	30	64	70	62	71	0.39
	0	32	36	77	82	60	69	0.36
	0	32	42	89	92	59	68	0.33
	-25	-13	21	45	71	53	73	0.32
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	22	46	56		43	
	+35	+95	30	64	70		40	

REVERSOMATIC MFG. LTD.

Model: RHRV-D100A • Options Installed: Internal Ventilation System Controller
Electrical Requirements: Volts: 120 Amps: 1.0
Exhaust Air Transfer Ratio: 0.01 @ 100 Pa / 0.4 in. wg 0.01 @ 50 Pa/0.2 in. wg
Low Temp. Vent Reduction Factor: 9.2 % Supply 10.3 % Exhaust • Low Temp. Imbalance Factor: 0.97

VENTILATION PERFORMANCE

EXT. 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	60	128	61	130	62	132
50	0.2	59	124	59	126	60	138
75	0.3	57	120	57	122	57	121
100	0.4	54	115	55	116	56	114
125	0.5	52	110	52	111	52	110
150	0.6	50	106	50	107	48	101
175	0.7	47	101	48	102	45	95
200	0.8	45	96	46	97	43	92
225	0.9	42	90	43	91	39	83
250	1.0	38	82	39	83	36	77
275	1.1	33	71	34	71	30	64

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	32	30	64	70	58	70	0.02
	0	32	36	77	84	56	67	0.02
	0	32	43	91	100	55	65	0.03
	-25	-13	30	64	75	60	72	0.02

REVERSOMATIC MFG. LTD.

Model: RHRV-S100A • Options Installed: Internal Ventilation System Controller
Electrical Requirements: Volts: 120 Amps: 1.0
Exhaust Air Transfer Ratio: 0.01 @ 100 Pa / 0.4 in. wg 0.01 @ 50 Pa/0.2 in. wg
Low Temp. Vent Reduction Factor: 9.2 % Supply 10.3 % Exhaust • Low Temp. Imbalance Factor: 0.97

VENTILATION PERFORMANCE

EXT. 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	60	128	61	130	62	132
50	0.2	59	124	59	126	60	138
75	0.3	57	120	57	122	57	121
100	0.4	54	115	55	116	56	114
125	0.5	52	110	52	111	52	110
150	0.6	50	106	50	107	48	101
175	0.7	47	101	48	102	45	95
200	0.8	45	96	46	97	43	92
225	0.9	42	90	43	91	39	83
250	1.0	38	82	39	83	36	77
275	1.1	33	71	34	71	30	64

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	32	30	64	70	58	70	0.02
	0	32	36	77	84	56	67	0.02
	0	32	43	91	100	55	65	0.03
	-25	-13	30	64	75	60	72	0.02

REVERSOMATIC MFG. LTD.

Model: RHRV-D100P ● Options Installed: Internal Ventilation System Controller
Electrical Requirements: Volts: 120 Amps: 1.0
Exhaust Air Transfer Ratio: 0.01 @ 100 Pa / 0.4 in. wg 0.01 @ 50 Pa/0.2 in. wg
Low Temp. Vent Reduction Factor: 14.2 % Supply 18.2 % Exhaust ● Low Temp. Imbalance Factor: 1.01

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	54	115	54	116	56	119
50	0.2	52	110	52	111	52	110
75	0.3	49	105	50	106	49	105
100	0.4	47	101	48	102	47	100
125	0.5	44	94	44	96	46	97
150	0.6	41	87	41	87	44	93
175	0.7	38	80	38	81	41	88
200	0.8	34	73	35	74	38	81
225	0.9	31	66	32	67	31	65

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	32	32	67	76	68	80	0.01
	0	32	36	77	84	67	77	0.00
	0	32	43	91	100	65	75	0.00
	-25	-13	31	65	84	61	75	0.03

RHEEM

Model: 84-ERV-100 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: --- @ 100 Pa / 0.4 in. wg 0.06 @ 50 Pa/0.2 in. wg
Low Temp. Vent Reduction Factor: 0 % Supply 0 % Exhaust ● Low Temp. Imbalance Factor: 0.79

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	82	173	87	184	93	197
50	0.2	78	165	83	175	86	182
75	0.3	72	152	76	162	80	169
100	0.4	67	142	71	151	77	163
125	0.5	55	117	59	124	67	143
150	0.6	46	98	49	104	56	118
175	0.7	36	77	39	82	41	87
200	0.8	30	63	32	67	24	51

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	32	29	60	56	71	79	0.52
	0	32	47	100	80	64	73	0.41
	0	32	65	137	126	60	68	0.36
	-15	5	31	65	64	56	81	0.41
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	28	59	52		45	

RHEEM

Model: 84-ERV-200 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.9
Exhaust Air Transfer Ratio: --- @ 100 Pa / 0.4 in. wg 0.06 @ 50 Pa/0.2 in. wg
Low Temp. Vent Reduction Factor: 0% Supply 0% Exhaust ● Low Temp. Imbalance Factor: 0.84

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	109	231	116	245	128	271
50	0.2	108	228	114	241	123	260
75	0.3	101	214	107	227	118	249
100	0.4	95	201	101	213	110	233
125	0.5	86	182	91	193	102	217
150	0.6	79	167	84	177	92	195
175	0.7	62	132	66	140	81	172
200	0.8	40	85	42	90	55	116

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	52	110	93	69	76	0.45
	0	+32	74	157	130	64	71	0.38
	-15	+32	96	203	193	60	68	0.30
	-25	-5	52	110	122	55	76	0.26
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	50	106	89		41	

RHEEM

Model: 84-HRV-100 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: --- @ 100 Pa/0.4 in. wg 0.05 @ 50 Pa/0.2 in. wg
Low Temp. Vent Reduction Factor: 9% Supply 22% Exhaust ● Low Temp. Imbalance Factor: 1.0

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	84	177	88	186	90	190
50	0.2	80	169	84	178	86	182
75	0.3	77	163	81	171	81	171
100	0.4	69	146	72	153	76	161
125	0.5	61	130	65	137	66	139
150	0.6	46	98	49	103	52	110
175	0.7	38	81	40	85	32	67

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	30	64	54	75	83	-0.03
	0	+32	46	97	78	67	74	0.01
	0	+32	65	138	124	64	72	-0.02
	-25	-13	26	55	62	67	89	0.05

RHEEM

Model: 84-HRV-200 • Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 1.9
Exhaust Air Transfer Ratio: --- @ @100 Pa/0.4 in. wg 0.04 @ 50 Pa/0.2 in. wg
Low Temp. Vent Reduction Factor: 0% Supply 23% Exhaust • Low Temp. Imbalance Factor: 1.0

VENTILATION PERFORMANCE

EXT. 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
50	0.2	119	253	125	264	126	268
75	0.3	118	250	124	262	118	251
100	0.4	111	235	116	245	114	241
125	0.5	102	216	106	224	107	226
150	0.6	87	185	91	193	96	204
175	0.7	76	160	79	167	81	172
200	0.8	57	120	59	124	57	121

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	51	109	92	70	77	-.0.01
	0	+32	73	155	128	65	72	-0.02
	0	+32	102	215	191	62	70	-0.01
	-25	-13	52	110	104	60	94	0.05

RUUD

Model: 84-ERV-100 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: --- @ 100 Pa / 0.4 in. wg 0.06 @50 Pa/0.2 in. wg
Low Temp. Vent Reduction Factor: 0 % Supply 0 % Exhaust ● Low Temp. Imbalance Factor: 0.79

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	82	173	87	184	93	197
50	0.2	78	165	83	175	86	182
75	0.3	72	152	76	162	80	169
100	0.4	67	142	71	151	77	163
125	0.5	55	117	59	124	67	143
150	0.6	46	98	49	104	56	118
175	0.7	36	77	39	82	41	87
200	0.8	30	63	32	67	24	51

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	32	29	60	56	71	79	0.52
	0	32	47	100	80	64	73	0.41
	0	32	65	137	126	60	68	0.36
	-15	5	31	65	64	56	81	0.41
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	28	59	52		45	

RUUD

Model: 84-ERV-200 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.9
Exhaust Air Transfer Ratio: --- @ 100 Pa / 0.4 in. wg 0.06 @50 Pa/0.2 in. wg
Low Temp. Vent Reduction Factor: 0% Supply 0% Exhaust ● Low Temp. Imbalance Factor: 0.84

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	109	231	116	245	128	271
50	0.2	108	228	114	241	123	260
75	0.3	101	214	107	227	118	249
100	0.4	95	201	101	213	110	233
125	0.5	86	182	91	193	102	217
150	0.6	79	167	84	177	92	195
175	0.7	62	132	66	140	81	172
200	0.8	40	85	42	90	55	116

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	52	110	93	69	76	0.45
	0	+32	74	157	130	64	71	0.38
	0	+32	96	203	193	60	68	0.30
	-15	5	52	110	122	55	76	0.26
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	50	106	89		41	

RUUD

Model: 84-HRV-100 • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: 0.05 @50 Pa/0.2 in. wg --- @ 100 Pa / 0.4 in. wg
Low Temp. Vent Reduction Factor: 9% Supply 22% Exhaust • Low Temp. Imbalance Factor: 1.0

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	84	177	88	186	90	190
50	0.2	80	169	84	178	86	182
75	0.3	77	163	81	171	81	171
100	0.4	69	146	72	153	76	161
125	0.5	61	130	65	137	66	139
150	0.6	46	98	49	103	52	110
175	0.7	38	81	40	85	32	67

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	30	64	54	75	83	-0.03
	0	+32	46	97	78	67	74	0.01
	0	+32	65	138	124	64	72	-0.02
	-25	-13	26	55	62	67	89	0.05

RUUD

Model: 84-HRV-200 • Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 1.9
Exhaust Air Transfer Ratio: 0.04 @50 Pa/0.2 in. wg --- @ 100 Pa / 0.4 in. wg
Low Temp. Vent Reduction Factor: 0% Supply 23% Exhaust • Low Temp. Imbalance Factor: 1.0

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
50	0.2	119	253	125	264	126	268
75	0.3	118	250	124	262	118	251
100	0.4	111	235	116	245	114	241
125	0.5	102	216	106	224	107	226
150	0.6	87	185	91	193	96	204
175	0.7	76	160	79	167	81	172
200	0.8	57	120	59	124	57	121

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	51	109	92	70	77	-.0.01
	0	+32	73	155	128	65	72	-0.02
	0	+32	102	215	191	62	70	-0.01
	-25	-13	52	110	104	60	94	0.05

SEARS INDOOR CLEAN AIR SERVICES

Model: Sears155● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.04 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 3.7% Supply 13.8% Exhaust ● Low Temp. Imbalance Factor: 1.04

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	68	144	70	149	80	171
50	0.2	63	134	65	139	78	165
75	0.3	59	125	61	129	75	160
100	0.4	53	113	55	117	74	157
125	0.5	43	92	45	95	70	149
150	0.6	34	73	36	76	64	137
175	0.7	28	59	29	61	57	122

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	30	64	78	64	73	0.00
	0	+32	45	96	104	63	71	0.01
	0	+32	55	117	119	61	69	0.01
	-25	-13	35	74	96	66	78	0.00
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	29	62	77		17	

SEARS INDOOR CLEAN AIR SERVICES

Model: Sears200 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.04 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 2% Supply 11% Exhaust ● Low Temp. Imbalance Factor: 1.03

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	97	207	100	214	108	230
50	0.2	94	200	97	206	103	218
75	0.3	87	184	90	191	97	207
100	0.4	80	171	84	179	96	203
125	0.5	71	152	76	161	88	187
150	0.6	61	130	66	140	82	174
175	0.7	55	116	60	129	67	143
200	0.8	40	86	46	98	56	118

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	66	81	64	74	0.06
	0	+32	45	96	99	63	71	0.03
	0	+32	55	117	113	61	69	0.03
	-25	-13	51	109	119	62	73	0.01

SOLER & PALAU

Model: TR70 • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.0
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: Supply NA Exhaust NA • Low Temp. Imbalance Factor: NA

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	43	92	44	93	44	93
50	0.2	36	77	37	79	37	79
75	0.3	29	61	29	62	29	62
100	0.4	22	47	22	48	22	48

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	34	73	84	69	78	0.54
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	34	71	83		47	

SOLER & PALAU

Model: TR130 • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: Supply NA Exhaust NA • Low Temp. Imbalance Factor: NA

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	77	165	79	168	79	168
50	0.2	72	153	73	156	73	156
75	0.3	64	137	66	140	66	140
100	0.4	59	126	61	129	61	129
125	0.5	49	104	50	106	50	106
150	0.6	37	79	38	81	38	81

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	61	130	102	71	77	0.53
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	61	130	102		48	

SOLER & PALAU

Model: TR200 • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.03 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: Supply NA Exhaust NA • Low Temp. Imbalance Factor: NA

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	97	207	100	213	109	232
50	0.2	90	192	93	199	104	221
75	0.3	88	186	90	192	101	216
100	0.4	83	176	85	181	96	204
125	0.5	79	168	81	173	88	187
150	0.6	70	149	72	154	76	162
175	0.7	57	122	59	126	68	145

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	85	181	157	78	85	0.62
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	85	180	155		52	

SOLER & PALAU

Model: TR300 • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 3.3
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg NA @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: Supply NA Exhaust NA • Low Temp. Imbalance Factor: NA

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
100	0.4	147	311	150	317	143	303
125	0.5	139	295	142	301	133	283
150	0.6	131	277	133	282	125	265
175	0.7	121	256	123	261	108	230
200	0.8	101	215	103	219	94	198
225	0.9	90	191	92	195	74	156
250	1.0	80	170	82	174	47	99

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	139	297	315	67	74	0.54
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	138	294	313		46	

STANDEX AIR DISTRIBUTION PRODUCTS

Model: ERV150-E ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.04 @100 Pa/0.4 in. wg 0.04 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: Supply - NA Exhaust - NA ● Low Temp. Imbalance Factor: NA

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	71	151	74	157	73	154
50	0.2	67	141	69	146	69	147
75	0.3	62	132	65	137	67	142
100	0.4	59	124	61	129	61	130
125	0.5	50	107	52	111	54	116
150	0.6	46	98	48	102	48	101
175	0.7	38	81	40	84	41	87
200	0.8	28	60	30	63	29	61

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	30	63	70	69	81	.50
	0	+32	45	96	94	67	76	.42
	0	+32	55	117	108	65	73	.38
	-25	-13						
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	30	65	68		47	

STANDEX AIR DISTRIBUTION PRODUCTS

Model: ERV200-E ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: NA @100 Pa/0.4 in. wg NA @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: NA% Supply NA% Exhaust ● Low Temp. Imbalance Factor: NA

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	85	180	89	189	90	191
50	0.2	80	169	83	176	84	179
75	0.3	74	157	77	164	79	167
100	0.4	69	146	72	152	71	150
125	0.5	62	132	65	138	63	134
150	0.6	56	118	58	123	56	119
175	0.7	48	101	50	105	48	102
200	0.8	39	82	41	86	42	89
225	0.9	22	47	24	50	32	68

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	66	68	72	81	.48
	0	+32	55	116	97	69	76	.61
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	30	65	64		47	
	+35	+95	55	117	98		50	

CERTIFIED HEAT AND ENERGY RECOVERY VENTILATORS

STANDEX AIR DISTRIBUTION PRODUCTS

Model: HRV95SC ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 0.90
Exhaust Air Transfer Ratio: 0.10 @100 Pa/0.4 in. wg 0.08 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 15% Supply, 22% Exhaust Low ● Temp. Imbalance Factor: 1.00

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	36	76	40	84	49	104
50	0.2	34	73	38	81	48	101
75	0.3	33	70	37	78	46	96
100	0.4	31	66	34	73	44	94
125	0.5	29	60	32	67	43	91

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	28	60	59	75	88	-0.01
	0	+32	33	71	58	73	86	0.03
	0	+32	42	89	89	73	84	0.04
	-25	-13	29	61	76	68	86	0.02

STANDEX AIR DISTRIBUTION PRODUCTS

Model: HRV150SC ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.04 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 3.7% Supply 13.8% Exhaust ● Low Temp. Imbalance Factor: 1.04

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	68	144	70	149	80	171
50	0.2	63	134	65	139	78	165
75	0.3	59	125	61	129	75	160
100	0.4	53	113	55	117	74	157
125	0.5	43	92	45	95	70	149
150	0.6	34	73	36	76	64	137
175	0.7	28	59	29	61	57	122

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	30	64	78	64	73	0.00
	0	+32	45	96	104	63	71	0.01
	0	+32	55	117	119	61	69	0.01
	-25	-13	35	74	96	66	78	0.00
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	29	62	77		17	

STANDEX AIR DISTRIBUTION PRODUCTS

Model: HRV200SC • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.04 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 2% Supply 11% Exhaust • Low Temp. Imbalance Factor: 1.03

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	97	207	100	214	108	230
50	0.2	94	200	97	206	103	218
75	0.3	87	184	90	191	97	207
100	0.4	80	171	84	179	96	203
125	0.5	71	152	76	161	88	187
150	0.6	61	130	66	140	82	174
175	0.7	55	116	60	129	67	143
200	0.8	40	86	46	98	56	118

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	31	66	81	64	74	0.06
	0	+32	45	96	99	63	71	0.03
	0	+32	55	117	113	61	69	0.03
	-25	-13	51	109	119	62	73	0.01

STANDEX AIR DISTRIBUTION PRODUCTS

Model: HRV300DC • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 2.9
Exhaust Air Transfer Ratio: 0.06 @100 Pa/0.4 in. wg 0.06 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 4% Supply 3% Exhaust • Low Temp. Imbalance Factor: 0.90

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	110	232	117	247	123	261
50	02	100	212	107	226	117	248
75	0.3	96	202	102	215	112	238
100	0.4	86	183	92	195	105	222
125	0.5	77	163	82	174	95	202
150	0.6	68	144	72	153	88	187
175	0.7	58	123	62	131	79	166
200	0.8	43	92	46	98	68	144
225	0.9	36	76	38	81	55	117

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	55	117	118	79	90	0.14
	0	+32	66	140	132	77	88	0.05
	0	+32	96	203	207	74	85	0.04
	-25	-13	62	132	125	70	88	0.04
COOLING	+35	+95					TOTAL RECOVERY EFFICIENCY Not tested	

TITAN

Model: THRV70 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 0.90
Exhaust Air Transfer Ratio: 0.10 @100 Pa/0.4 in. wg 0.08 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 15% Supply, 22% Exhaust Low ● Temp. Imbalance Factor: 1.00

VENTILATION PERFORMANCE

EXT. 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	32	69	36	76	41	87
50	0.2	31	66	34	73	40	84
75	0.3	30	64	33	70	39	82
100	0.4	28	60	31	66	37	79
125	0.5	26	55	29	60	36	76

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	28	60	59	75	88	-0.01
	0	+32	33	71	58	73	86	0.03
	0	+32	43	89	89	73	84	0.04
	-25	-13	29	61	76	68	86	0.02

TITAN

Model: THRV100D ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.2
Exhaust Air Transfer Ratio: 0.03 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 3% Supply 7% Exhaust ● Low Temp. Imbalance Factor: 0.92

VENTILATION PERFORMANCE

EXT. 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	74	156	70	160	67	153
50	0.2	69	146	71	150	69	146
75	0.3	63	134	65	137	60	128
100	0.4	59	124	61	127	60	122
125	0.5	54	115	56	117	54	114
150	0.6	49	104	51	106	49	102
175	0.7	45	95	47	98	45	94
200	0.8	40	85	41	87	40	77
225	0.9	33	69	34	71	33	68

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	66	74	61	74	0.01
	0	+32	40	85	86	61	73	0.01
	0	+32	55	117	140	56	69	0.01
	-25	-13	36	76	96	63	78	0.04

TITAN

Model: THRV120D ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 3% Supply 15% Exhaust ● Low Temp. Imbalance Factor: 7%

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	67	142	68	144	72	154
50	0.2	64	137	65	138	69	147
75	0.3	62	131	62	133	66	141
100	0.4	60	128	61	129	64	135
125	0.5	58	123	58	124	60	128
150	0.6	54	115	55	116	58	123
175	0.7	53	113	54	114	55	116
200	0.8	49	105	50	106	51	109
225	0.9	48	102	48	103	48	102
250	1.0	45	96	46	97	45	95
275	1.1	42	90	43	91	41	87

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	32	33	70	76	59	68	0.03
	0	32	42	89	94	57	67	0.03
	0	32	56	120	156	52	62	0.03
	-25	-13	32	67	109	56	72	0.01

TITAN

Model: THRV200 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.04 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 2% Supply 11% Exhaust ● Low Temp. Imbalance Factor: 1.03

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	97	207	100	214	108	230
50	0.2	94	200	97	206	103	218
75	0.3	87	184	90	191	97	207
100	0.4	80	171	84	179	96	203
125	0.5	71	152	76	161	88	187
150	0.6	61	130	66	140	82	174
175	0.7	55	116	60	129	67	143
200	0.8	40	86	46	98	56	118

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	66	81	64	74	0.06
	0	+32	45	96	99	63	71	0.03
	0	+32	55	117	113	61	69	0.03
	-25	-13	51	109	119	62	73	0.01

TOTALINE (TOTALINE)

Model: P707-SHR1504 • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: 0.03 @ 100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 5% Supply 0% Exhaust • Low Temp. Imbalance Factor: 0.82

VENTILATION PERFORMANCE

EXT. 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	85	181	87	184	84	180
50	0.2	80	170	82	174	79	169
75	0.3	75	159	76	162	75	159
100	0.4	70	149	71	151	68	146
125	0.5	65	138	66	141	64	136
150	0.6	60	128	61	130	59	125
175	0.7	55	116	56	119	54	114
200	0.8	49	104	50	106	47	100
225	0.9	43	91	43	92	41	87
250	1.0	36	77	37	79	35	75
275	1.1	30	63	30	64	29	61
300	1.2	23	49	24	50	22	46

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	67	72	60	73	-0.11
	0	+32	51	109	98	59	70	0.00
	0	+32	76	161	144	55	63	0.00
	-25	-13	32	68	73	56	77	-0.02

TOTALINE (TOTALINE)

Model: P707-SHR2004 • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 2.1
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 8% Supply 0% Exhaust • Low Temp. Imbalance Factor: 0.81

EXT. 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	114	243	116	246	120	254
50	0.2	109	230	110	233	115	244
75	0.3	103	218	104	221	106	225
100	0.4	95	201	96	204	101	215
125	0.5	86	182	87	185	94	199
150	0.6	78	166	79	168	87	184
175	0.7	71	151	72	154	79	168
200	0.8	65	137	66	139	71	151
225	0.9	59	125	60	127	64	136
250	1.0	53	112	53	113	56	118
275	1.1	46	98	47	99	51	108
300	1.2	42	88	42	90	44	93
325	1.3	37	78	37	79	39	83
350	1.4	31	66	32	67	35	75
375	1.5	26	55	26	56	30	63

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	65	108	62	77	0.06
	0	+32	55	117	154	62	74	0.07
	0	+32	90	191	246	60	71	0.00
	-25	-13	61	129	154	59	79	0.00

TRANE

Model Number: TERVR100 • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: 0.02 @ 100 Pa/0.4 in. wg 0.02 @ 50 Pa/0.2 in. wg

VENTILATION PERFORMANCE

EXT. 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	77	165	79	168	79	168
50	0.2	72	153	73	156	73	156
75	0.3	64	137	66	140	66	140
100	0.4	59	126	61	129	61	129
125	0.5	49	104	50	106	50	106
150	0.6	37	79	38	81	38	81

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	61	130	102	71	77	0.53
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	61	130	102		48	

TRANE

Model Number: TERVR200 • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.03 @ 100 Pa /0.4 in. wg 0.03 @ 50 Pa/0.2 in. wg

VENTILATION PERFORMANCE

EXT. 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	97	207	100	213	109	232
50	0.2	90	192	93	199	104	221
75	0.3	88	186	90	192	101	216
100	0.4	83	176	85	181	96	204
125	0.5	79	168	81	173	88	187
150	0.6	70	149	72	154	76	162
175	0.7	57	122	59	126	68	145

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	85	181	157	78	85	0.62
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	85	180	155		52	

CERTIFIED HEAT AND ENERGY RECOVERY VENTILATORS Section 3-122

TRANE

Model Number: TERVR300 • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 3.3
Exhaust Air Transfer Ratio: 0.02 @ 100 Pa/0.4 in. wg --- @ 50 Pa/0.2 in. wg

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
100	0.4	147	311	150	317	143	303
125	0.5	139	295	142	301	133	283
150	0.6	131	277	133	282	125	265
175	0.7	121	256	123	261	108	230
200	0.8	101	215	103	219	94	198
225	0.9	90	191	92	195	74	156
250	1.0	80	170	82	174	47	99

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	139	297	315	67	74	0.54
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	138	294	313		46	

CERTIFIED HEAT AND ENERGY RECOVERY VENTILATORS

TRENT METALS (2012) LIMITED

Model: Summeraire NW65 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 0.5
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 6% Supply 5% Exhaust ● Low Temp. Imbalance Factor: 1.07

VENTILATION PERFORMANCE

EXT. 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	42	90	43	91	58	123
50	0.2	37	78	37	79	41	87
75	0.3	33	69	33	70	32	68
100	0.4	29	61	29	61	27	57
125	0.5	25	53	25	54	22	47
150	0.6	23	50	24	50	18	38

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	19	40	50	62	74	0.02
	0	+32	31	66	40	61	68	0.02
	0	+32	34	72	40	61	68	0.02
	-25	-13	22	47	52	52	73	0.00

TRENT METALS (2012) LIMITED

Model: Summeraire NW130 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.6
Exhaust Air Transfer Ratio: 0.04 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 21% Supply 20% Exhaust ● Low Temp. Imbalance Factor: 0.93

VENTILATION PERFORMANCE

EXT. 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	67	143	70	149	70	149
50	0.2	62	132	65	137	64	136
75	0.3	56	118	58	123	59	125
100	0.4	49	104	51	108	54	113
125	0.5	43	91	45	95	47	100
150	0.6	38	80	40	84	41	86
175	0.7	34	72	35	75	33	71
200	0.8	30	63	31	66	26	57
225	0.9	25	52	25	54	22	47

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	33	70	60	65	80	0.07
	0	+32	45	96	94	61	70	0.01
	0	+32	55	117	94	60	68	-0.01
	-25	-13	30	64	71	60	76	0.07

TRENT METALS (2012) LIMITED

Model: Summeraire NW140 • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.12
Exhaust Air Transfer Ratio: 0.05 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 18% Supply 14% Exhaust • Low Temp. Imbalance Factor: 0.86

VENTILATION PERFORMANCE

EXT. 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	151	74	157	64	136
50	0.2	65	138	68	144	61	130
75	0.3	60	127	62	133	58	123
100	0.4	55	117	57	122	55	117
125	0.5	50	107	52	111	52	110
150	0.6	45	96	47	100	48	102
175	0.7	41	87	43	90	44	94
200	0.8	36	76	37	79	41	87
225	0.9	32	68	33	70	37	79
250	1.0	24	52	26	54	34	72

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	30	63	80	68	82	0.01
	0	+32	46	98	118	63	74	0.02
	0	+32	55	118	136	61	71	0.02
	-25	-13	32	69	102	59	82	0.04

TRENT METALS (2012) LIMITED

Model: Summeraire NW160 • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.27
Exhaust Air Transfer Ratio: 0.03 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 15% Supply 14% Exhaust • Low Temp. Imbalance Factor: 0.89

VENTILATION PERFORMANCE

EXT. 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	84	178	86	184	110	234
50	0.2	77	163	79	169	103	220
75	0.3	71	152	74	157	99	210
100	0.4	63	134	65	139	91	194
125	0.5	55	116	56	120	81	173
150	0.6	43	92	45	96	67	143
175	0.7	23	49	24	51	53	113

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	30	64	71	76	86	-0.02
	0	+32	45	95	90	71	80	-0.04
	0	+32	54	114	101	69	77	-0.03
	-25	-13	32	68	85	69	88	0.06

TRENT METALS (2012) LIMITED

Model: Summeraire NW220 • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.27
Exhaust Air Transfer Ratio: --- @100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 15% Supply 16% Exhaust • Low Temp. Imbalance Factor: 0.95

VENTILATION PERFORMANCE

EXT. 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	110	234	112	237	105	223
50	0.2	106	226	108	229	100	214
75	0.3	102	217	103	220	95	203
100	0.4	98	209	100	212	88	187
125	0.5	92	197	94	200	82	175
150	0.6	86	183	87	185	74	157
175	0.7	79	169	81	171	61	129
200	0.8	66	140	67	142	39	82

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	40	84	103	68	77	0.01
	0	+32	66	140	132	62	68	0.00
	0	+32	86	182	158	58	64	0.00
	-25	-13	34	72	116	61	79	0.03
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	42	89	104		29	

TRENT METALS (2012) LIMITED

Model: Summeraire NW260 • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 3.7
Exhaust Air Transfer Ratio: 0.05 @100 Pa/0.4 in. wg --- @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 17% Supply 18% Exhaust • Low Temp. Imbalance Factor: 0.96

VENTILATION PERFORMANCE

EXT. 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
75	0.3	125	265	133	283	138	294
100	0.4	121	257	129	274	131	279
125	0.5	118	251	126	268	125	266
150	0.6	116	246	123	262	119	254
175	0.7	113	240	120	256	114	243
200	0.8	110	235	118	251	110	234
225	0.9	106	226	114	241	102	217
250	1.0	100	212	106	226	96	205
275	1.1	94	200	101	214	92	196
300	1.2	86	183	92	195	86	182

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	46	97	176	69	86	0.00
	0	+32	67	141	222	70	84	0.01
	0	+32	100	213	400	64	80	0.01
	-25	-13	41	88	213	66	87	0.03

TRENT METALS (2012) LIMITED

Model: Summeraire SERV110 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.1
Exhaust Air Transfer Ratio: 0.04 @100 Pa/0.4 in. wg 0.04 @ 50 Pa / 0.2 in. wg

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	69	146	72	152	73	154
50	0.2	63	135	66	140	67	143
75	0.3	59	126	61	131	62	131
100	0.4	53	113	55	117	56	119
125	0.5	49	104	51	108	52	110
150	0.6	43	91	44	94	47	100
175	0.7	39	82	40	85	42	88
200	0.8	33	71	35	74	38	80
225	0.9	28	60	29	62	33	70
250	1.0	21	45	22	46	27	57

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	65	68	68	80	0.48
	0	+32	45	97	92	66	76	0.40
	0	+32	56	119	114	63	73	0.35
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	31	66	70		45	

TRENT METALS (2012) LIMITED

Model: Summeraire SERV130 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: --- @ 100 Pa/0.4 in. wg 0.05 @ 50 Pa / 0.2 in. wg

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	91	194	96	204	87	185
50	0.2	84	179	88	188	81	171
75	0.3	78	166	82	175	75	159
100	0.4	72	153	76	161	67	143
125	0.5	62	132	65	139	57	120
150	0.6	54	116	57	122	33	69
175	0.7	24	51	25	54	22	46

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	30	65	60	68	77	0.44
	0	+32	46	97	79	65	73	0.37
	0	+32	60	128	92	63	70	0.39
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	30	64	57		33	
	+35	+95	45	95	75		29	
	+35	+95	60	128	93		28	

TRENT METALS (2012) LIMITED

Model: Summeraire SHRV115RD ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.2
Exhaust Air Transfer Ratio: 0.05 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 17.8% Supply 13.8% Exhaust ● Low Temp. Imbalance Factor: 0.86

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	71	151	74	157	64	136
50	0.2	65	138	68	144	61	130
75	0.3	60	127	62	133	58	123
100	0.4	55	117	57	122	55	117
125	0.5	50	107	52	111	52	110
150	0.6	45	96	47	100	48	102
175	0.7	41	87	43	90	44	94
200	0.8	36	76	37	79	41	87
225	0.9	32	68	33	70	37	79
250	1.0	24	52	26	54	34	72

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	30	63	80	68	82	0.01
	0	+32	46	98	118	63	74	0.02
	0	+32	55	118	136	61	71	0.02
	-25	-13	32	69	102	59	82	0.04

TRENT METALS (2012) LIMITED

Model: Summeraire SHRV120ED ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 2
Exhaust Air Transfer Ratio: 0.03 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 18% Supply 11% Exhaust ● Low Temp. Imbalance Factor: 0.92

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	70	150	73	155	77	163
50	0.2	62	133	67	142	73	155
75	0.3	57	121	60	129	65	138
100	0.4	49	105*	52	111	57	120
125	0.5	31	67	33	71	47	99
150	0.6	12	27	13	29	16	35

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	55	117	100	54	63	0.02
	0	+32	43	91	76	57	66	0.08
	0	+32	31	66	65	62	74	0.08
	-25	-13	30	64	69	56	73	0.01
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	45	95	94		11	

TRENT METALS (2012) LIMITED

Model: Summeraire SHRV130RD ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: 0.03 @100 Pa/0.4 in. wg 0.03 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 14.9% Supply 13.8% Exhaust ● Low Temp. Imbalance Factor: 0.89

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	84	178	86	184	110	234
50	0.2	77	163	79	169	103	220
75	0.3	71	152	74	157	99	210
100	0.4	63	134	65	139	91	194
125	0.5	55	116	56	120	81	173
150	0.6	43	92	45	96	67	143
175	0.7	23	49	24	51	53	113

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	30	64	71	76	86	-0.02
	0	+32	45	95	90	71	80	-0.04
	0	+32	54	114	101	69	77	-0.03
	-25	-13	32	68	85	69	88	0.06

TRENT METALS (2012) LIMITED

Model: Summeraire SHRV150DM ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.0
Exhaust Air Transfer Ratio: 0.03 @ 100 Pa/0.4 in. wg 0.04 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 21% Supply 20% Exhaust ● Low Temp. Imbalance Factor: 0.07

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	67	143	70	149	70	149
50	0.2	62	132	65	137	64	136
75	0.3	56	118	58	123	59	125
100	0.4	49	104	51	108	54	113
125	0.5	43	91	45	95	47	100
150	0.6	38	80	40	84	41	86
175	0.7	34	72	35	75	33	71
200	0.8	30	63	31	66	27	57
225	0.9	25	52	25	54	22	47

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	33	70	60	65	80	0.07
	0	+32	45	96	94	61	70	0.01
	0	+32	55	117	94	60	68	-0.01
	-25	-13	30	64	71	60	76	0.07

CERTIFIED HEAT AND ENERGY RECOVERY VENTILATORS Section 3-129

TRENT METALS (2012) LIMITED

Model: Summeraire SHRV180ED • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 2
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 14% Supply 0% Exhaust • Low Temp. Imbalance Factor: 0.90

VENTILATION PERFORMANCE

EXT. 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	104	222	106	226	113	241
50	0.2	97	207	99	211	103	219
75	0.3	92	197	94	200	100	213
100	0.4	80	173	82	177	95	202
125	0.5	71	151	73	155	89	189
150	0.6	46	98	47	100	80	171

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	57	121	100	72	81	0.00
	0	+32	64	136	108	71	78	0.01
	0	+32	80	170	128	67	74	0.00
	-25	-13	67	143	108	61	80	0.00
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	62	132	104		27	

TRENT METALS (2012) LIMITED

Model: SHRV190RD • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 15% Supply 16% Exhaust • Low Temp. Imbalance Factor: 0.95

VENTILATION PERFORMANCE

EXT. 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	110	234	112	237	105	223
50	0.2	106	226	108	229	100	214
75	0.3	102	217	103	220	95	203
100	0.4	98	209	100	212	88	187
125	0.5	92	197	94	200	82	175
150	0.6	86	183	87	185	74	157
175	0.7	79	169	81	171	61	129
200	0.8	66	140	67	142	39	82

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	40	84	103	68	77	0.01
	0	+32	66	140	132	62	68	0.00
	0	+32	86	182	158	58	64	0.00
	-25	-13	34	72	116	61	79	0.03
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	42	89	104		29	

CERTIFIED HEAT AND ENERGY RECOVERY VENTILATORS Section 3-130

TRENT METALS (2012) LIMITED

Model: Summeraire SHRV240RD ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 3.7
Exhaust Air Transfer Ratio: 0.05 in 0.4 in.Wg (100 pa) 0.05 in 0.2 Wg (50 Pa)
Low Temp. Vent Reduction Factor: 16% Supply 18% Exhaust ● Low Temp. Imbalance Factor: 0.96

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
75	0.3	125	265	133	283	138	294
100	0.4	121	257	129	274	131	279
125	0.5	118	251	126	268	125	266
150	0.6	116	246	123	262	119	254
175	0.7	113	240	120	256	114	243
200	0.8	110	235	118	251	110	234
225	0.9	106	226	114	241	102	217
250	1.0	100	212	106	226	96	205
275	1.1	94	200	101	214	92	196

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	46	97	176	69	86	0.00
	0	+32	67	141	222	70	84	0.01
	0	+32	100	213	400	64	80	0.01
	-25	-13	41	88	213	66	87	0.03
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95					Not tested	

TRENT METALS (2012) LIMITED

Model: Summeraire SHRV124T ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.12
Exhaust Air Transfer Ratio: 0.01 @ 50 pa/0.2 in. Wg 0.01 @ 100 pa/0.4 in. Wg
Low Temp. Vent Reduction Factor: 19.0% Supply 29.9% Exhaust ● Low Temp. Imbalance Factor: 1.12

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	73	155	74	157	75	160
50	0.2	69	146	70	148	70	149
75	0.3	64	135	65	137	64	137
100	0.4	57	122	58	124	60	129
125	0.5	52	110	52	111	55	117
150	0.6	46	98	47	100	50	107
175	0.7	39	84	40	85	45	95
200	0.8	34	72	34	73	38	82
225	0.9	28	60	29	61	34	72
250	1.0	22	47	23	48	28	59

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	65	78	73	86	0.02
	0	+32	45	96	98	72	83	0.00
	0	+32	55	117	124	68	78	0.01
	-25	-13	32	68	101	64	91	0.04

vanEE

Model: ERV60H (SP) ● Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 1.0
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 26.3% Supply 22.1% Exhaust ● Low Temp. Imbalance Factor: 1.04

VENTILATION PERFORMANCE

EXT. 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	54	115	55	117	55	117
50	0.2	53	112	54	115	54	114
75	0.3	51	109	53	111	52	110
100	0.4	49	105	50	106	50	106
125	0.5	48	102	49	104	49	103
150	0.6	45	96	47	99	47	99
175	0.7	44	93	45	94	45	94
200	0.8	42	89	43	92	42	88
225	0.9	40	85	41	87	41	87
250	1.0	38	81	39	82	38	81

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	23	49	42	67	79	0.61
	0	+32	30	64	60	65	75	0.55
	0	+32	40	84	72	63	71	0.48
	-25	-13	21	45	58	60	75	0.60
	-25	-13	30	64	71	55	71	0.57
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	21	44	42		50	

vanEE

Model: ERV60H (TP) ● Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 1.0
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 26.3% Supply 22.1% Exhaust ● Low Temp. Imbalance Factor: 1.04

VENTILATION PERFORMANCE

EXT. 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	54	115	55	117	55	117
50	0.2	53	112	54	115	54	114
75	0.3	51	109	53	111	52	110
100	0.4	49	105	50	106	50	106
125	0.5	48	102	49	104	49	103
150	0.6	45	96	47	99	47	99
175	0.7	44	93	45	94	45	94
200	0.8	42	89	43	92	42	88
225	0.9	40	85	41	87	41	87
250	1.0	38	81	39	82	38	81

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	23	49	42	67	79	0.61
	0	+32	30	64	60	65	75	0.55
	0	+32	40	84	72	63	71	0.48
	-25	-13	21	45	58	60	75	0.60
	-25	-13	30	64	71	55	71	0.57
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	21	44	42		50	

vanEE

Model: ERV 90H-V ECM • Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 16.8 Supply 13.1 Exhaust • Low Temp. Imbalance Factor: 0.94

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	76	161	77	163	78	166
50	0.2	74	157	75	158	74	156
75	0.3	69	147	70	149	71	150
100	0.4	66	140	67	142	65	138
125	0.5	59	125	60	127	62	132
150	0.6	55	117	56	119	58	122
175	0.7	50	105	50	107	53	111
200	0.8	44	93	45	95	45	95
225	0.9	37	77	37	79	39	83
250	1.0	29	61	29	62	34	73

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	24	52	24	67	73	0.59
	0	+32	31	65	30	67	72	0.55
	0	+32	39	83	36	65	71	0.52
	0	+32	57	122	60	62	67	0.46
	-25	-13	33	70	39	60	75	0.61
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	24	51	24		52	

vanEE

Model: HRV 60H (SP) • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.0
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 13.3% Supply 19.3% Exhaust • Low Temp. Imbalance Factor: 1.01

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	53	111	53	112	57	120
50	0.2	51	107	51	108	54	114
75	0.3	48	101	48	102	52	110
100	0.4	46	98	47	99	49	105
125	0.5	43	91	43	92	47	100
150	0.6	41	88	42	88	45	96
175	0.7	39	82	39	83	43	91
200	0.8	37	79	38	80	40	85
225	0.9	34	73	35	74	37	79
250	1.0	34	71	34	72	36	76
275	1.1	31	65	31	65	34	72
300	1.2	29	61	29	62	32	68

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	23	50	43	65	74	0.01
	0	+32	30	64	58	62	70	0.01
	0	+32	39	83	70	59	66	0.01
	-25	-13	21	45	56	60	78	0.01
	-25	-13	30	64	64	55	72	0.00

vanEE

Model: HRV 60H (TP) ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.0
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 13.3% Supply 19.3% Exhaust ● Low Temp. Imbalance Factor: 1.01

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	53	111	53	112	57	120
50	0.2	51	107	51	108	54	114
75	0.3	48	101	48	102	52	110
100	0.4	46	98	47	99	49	105
125	0.5	43	91	43	92	47	100
150	0.6	41	88	42	88	45	96
175	0.7	39	82	39	83	43	91
200	0.8	37	79	38	80	40	85
225	0.9	34	73	35	74	37	79
250	1.0	34	71	34	72	36	76
275	1.1	31	65	31	65	34	72
300	1.2	29	61	29	62	32	68

ENERGY PERFORMANCE

SUPPLY TEMPERATURE			NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	23	50	43	65	74	0.01
	0	+32	30	64	58	62	70	0.01
	0	+32	39	83	70	59	66	0.01
	-25	-13	21	45	56	60	78	0.01
	-25	-13	30	64	64	55	72	0.00

vanEE

Model: THH 1.0 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.6
Exhaust Air Transfer Ratio: 0.05 @100 Pa/0.4 in. wg --- @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 3.6% Supply 4.2% Exhaust ● Low Temp. Imbalance Factor: 1.20

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	48	102	51	107	52	110
50	0.2	47	100	50	105	50	106
75	0.3	45	95	47	99	48	103
100	0.4	44	93	46	98	46	99
125	0.5	41	87	43	92	45	95
150	0.6	41	86	42	90	43	91
175	0.7	39	83	41	88	41	87
200	0.8	37	79	39	83	38	80
225	0.9	37	78	38	81	36	76
250	1.0	34	73	36	76	33	71

ENERGY PERFORMANCE

SUPPLY TEMPERATURE			NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	24	52	116	63	85	0.02
	0	+32	35	74	147	59	75	0.05
	0	+32	44	94	189	57	75	0.01
	-25	-13	16	35	114	58	95	0.01

vanEE

Model: THSF 104 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.6
Exhaust Air Transfer Ratio: 0.05 @100 Pa/0.4 in. wg --- @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 3.6% Supply 4.2% Exhaust ● Low Temp. Imbalance Factor: 1.20

VENTILATION PERFORMANCE

EXT. 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	53	114	56	119	52	110
50	0.2	53	112	55	117	50	106
75	0.3	50	106	52	111	48	103
100	0.4	49	104	51	109	46	99
125	0.5	46	99	49	103	45	95
150	0.6	45	96	48	101	43	91
175	0.7	44	93	46	98	41	87
200	0.8	42	88	44	93	38	80
225	0.9	41	87	43	91	36	76
250	1.0	38	81	40	85	33	71

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	24	52	116	63	85	0.02
	0	+32	35	74	147	59	75	0.05
	0	+32	44	94	189	57	75	0.01
	-25	-13	16	35	114	58	95	0.01

vanEE

Model: 60H NOVO+ ● Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 0.9
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 19.2% Supply 28.0% Exhaust ● Low Temp. Imbalance Factor: 1.05

VENTILATION PERFORMANCE

EXT. 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	72	152	72	153	72	153
50	0.2	63	134	63	135	64	136
75	0.3	56	120	57	120	57	122
100	0.4	49	104	49	105	51	109
125	0.5	44	94	44	94	45	96
150	0.6	37	79	37	79	41	87
175	0.7	32	68	32	69	35	74
200	0.8	26	54	26	55	28	59

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	25	54	46	73	81	0.00
	0	+32	33	70	54	70	78	0.00
	0	+32	48	102	84	65	73	0.00
	-25	-13	26	54	61	64	84	0.02

vanEE

Model: 90H ● Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 12% Supply 21% Exhaust ● Low Temp. Imbalance Factor: 1.01

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	85	180	86	182	92	194
50	0.2	82	174	82	175	86	182
75	0.3	77	163	77	164	81	171
100	0.4	71	150	71	151	71	151
125	0.5	67	141	67	142	57	120
150	0.6	60	128	61	130	40	85
175	0.7	51	108	52	110	27	57

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	31	66	62	67	79	-0.01
	0	+32	40	86	75	64	75	-0.01
	0	+32	57	120	90	61	70	-0.01
	-25	-13	38	81	83	60	76	0.02

vanEE

Model: 90H NOVO+ ● Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 12% Supply 21% Exhaust ● Low Temp. Imbalance Factor: 1.01

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	85	180	86	182	92	194
50	0.2	82	174	82	175	86	182
75	0.3	77	163	77	164	81	171
100	0.4	71	150	71	151	71	151
125	0.5	67	141	67	142	57	120
150	0.6	60	128	61	130	40	85
175	0.7	51	108	52	110	27	57

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	31	66	62	67	79	-0.01
	0	+32	40	86	75	64	75	-0.01
	0	+32	57	120	90	61	70	-0.01
	-25	-13	38	81	83	60	76	0.02

vanEE

Model: 90H-V ● Options Installed: Dampers Defrost
Electrical Requirements: Volts: 120 Amps: 1.0
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 20.8% Supply 30.6% Exhaust ● Low Temp. Imbalance Factor: 1.06

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	91	193	92	195	91	194
50	0.2	86	182	86	183	86	182
75	0.3	80	170	81	171	80	169
100	0.4	74	157	74	158	74	157
125	0.5	67	142	67	143	69	147
150	0.6	62	132	62	133	63	133
175	0.7	55	117	56	118	57	120
200	0.8	47	101	48	101	49	104
225	0.9	40	86	41	87	43	92
250	1.0	33	71	34	71	35	74

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	32	67	56	70	78	0.00
	0	+32	40	86	64	68	75	0.01
	0	+32	56	120	86	64	70	0.01
	-25	-13	30	63	79	61	83	0.01

vanEE

Model: 90H-V ECM ● Options Installed: Dampers Defrost
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 22.6% Supply 35.6% Exhaust ● Low Temp. Imbalance Factor: 1.10

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	89	189	89	190	87	185
50	0.2	83	177	84	179	83	177
75	0.3	79	167	79	169	79	167
100	0.4	74	156	74	158	73	155
125	0.5	69	147	69	148	68	146
150	0.6	64	136	64	137	63	133
175	0.7	59	126	60	127	58	123
200	0.8	54	115	54	116	51	108
225	0.9	47	100	47	101	45	96
250	1.0	40	86	41	87	38	80
275	1.1	35	74	35	75	31	65

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	23	49	24	75	83	0.01
	0	+32	30	64	26	74	80	0.01
	0	+32	38	81	32	73	78	0.01
	0	+32	57	122	54	67	72	0.01
	-25	-13	29	61	40	64	89	0.02

vanEE

Model: 190H ● Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 2.1
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg --- @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 10% Supply 13% Exhaust ● Low Temp. Imbalance Factor: 0.90

VENTILATION PERFORMANCE

EXT. 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	110	234	112	237	112	237
50	0.2	103	219	105	223	106	225
75	0.3	98	208	100	211	99	210
100	0.4	89	189	91	192	91	193
125	0.5	84	177	85	180	82	174
150	0.6	71	151	72	153	70	149
175	0.7	64	136	65	138	44	94

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	66	85	69	81	-0.01
	0	+32	56	119	124	60	70	-0.01
	0	+32	86	182	197	53	62	-0.01
	-25	-13	34	72	114	62	80	0.08

vanEE

Model: 190H NOVO+ ● Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 2.1
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg --- @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 10% Supply 13% Exhaust ● Low Temp. Imbalance Factor: 0.90

VENTILATION PERFORMANCE

EXT. 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	110	234	112	237	112	237
50	0.2	103	219	105	223	106	225
75	0.3	98	208	100	211	99	210
100	0.4	89	189	91	192	91	193
125	0.5	84	177	85	180	82	174
150	0.6	71	151	72	153	70	149
175	0.7	64	136	65	138	44	94

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	66	85	69	81	-0.01
	0	+32	56	119	124	60	70	-0.01
	0	+32	86	182	197	53	62	-0.01
	-25	-13	34	72	114	62	80	0.08

vanEE

Model: 100H • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: 0.01 @ 100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 12% Supply 21% Exhaust • Low Temp. Imbalance Factor: 1.01

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	85	180	86	182	92	194
50	0.2	82	174	82	175	86	182
75	0.3	77	163	77	164	81	171
100	0.4	71	150	71	151	71	151
125	0.5	67	141	67	142	57	120
150	0.6	60	128	61	130	40	85
175	0.7	51	108	52	110	27	57

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	31	66	67	67	79	-0.01
	0	+32	40	86	74	65	75	-0.01
	0	+32	54	115	90	61	70	-0.01
	-25	-13	38	81	87	60	76	0.02

vanEE

Model: 200H • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 2.1
Exhaust Air Transfer Ratio: 0.01 @ 100 Pa/0.4 in. wg 0.00 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 9% Supply 20% Exhaust • Low Temp. Imbalance Factor: 1.02

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	106	225	107	227	118	249
50	0.2	102	215	102	216	115	243
75	0.3	96	204	97	205	111	235
100	0.4	90	192	91	193	107	226
125	0.5	83	177	84	179	100	211
150	0.6	76	161	76	162	89	189
175	0.7	67	142	67	143	75	159

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	39	82	71	65	75	0.01
	0	+32	61	130	129	60	69	0.01
	-25	-13	40	84	114	60	76	0.03

CERTIFIED HEAT AND ENERGY RECOVERY VENTILATORS

vanEE

Model: 2000HE ● Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 2.2
Exhaust Air Transfer Ratio: --- @100 Pa/0.4 in. wg 0.06 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 12.8% Supply 9.4% Exhaust ● Low Temp. Imbalance Factor: 0.93

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	109	231	116	246	107	227
50	0.2	107	227	114	242	103	218
75	0.3	99	209	105	222	97	206
100	0.4	93	197	99	210	93	197
125	0.5	89	189	95	201	88	186
150	0.6	81	171	86	182	81	172
175	0.7	75	159	80	169	76	161
200	0.8	67	143	72	153	69	146
225	0.9	62	131	66	140	58	123
250	1.0	55	116	58	123	50	106
27	1.1	43	92	46	97	35	74

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	52	111	158	84	95	0.05
	0	+32	55	117	---	84	---	----
	0	+32	71	151	184	79	90	0.03
	0	+32	84	179	210	79	89	0.12
	-25	-13	57	121	176	72	88	-0.04
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	55	117	160		13	
	+35	+95	76	162	198		15	

vanEE

Model: 3000 HE ● Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 4.6
Exhaust Air Transfer Ratio: --- @100 Pa/0.4 in. wg 0.02 @ 55 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 13.3% Supply 15.8% Exhaust ● Low Temp. Imbalance Factor: 0.99

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	168	357	172	364	148	314
50	0.2	166	352	170	360	139	294
75	0.3	158	334	160	340	132	279
100	0.4	151	321	155	328	126	266
125	0.5	142	300	144	306	117	247
150	0.6	136	288	139	294	109	232
175	0.7	126	267	128	272	100	211
200	0.8	116	246	118	251	93	198
225	0.9	103	219	105	223	84	179
250	1.0	82	173	84	177	74	157
275	1.1	63	133	64	136	33	70

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	55	117	219	80	94	-0.07
	0	+32	86	183	290	74	86	0.02
	0	+32	117	249	436	70	83	-0.01
	-25	-13	55	117	264	74	89	0.07
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	85	181	286		12	
	+35	+95	115	245	434		9	

CERTIFIED HEAT AND ENERGY RECOVERY VENTILATORS Section 3-140

vanEE

Model: 1001 ERV ● Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: --- @100 Pa/0.4 in. wg 0.07 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 22.6% Supply 25.2% Exhaust ● Low Temp. Imbalance Factor: 1.08

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	76	162	81	171	86	183
50	0.2	70	149	74	157	79	169
75	0.3	64	136	68	144	71	151
100	0.4	58	123	61	130	61	130
125	0.5	50	106	53	113	51	109
150	0.6	39	83	41	88	42	89
175	0.7	31	65	32	69	22	47

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	30	64	62	68	80	0.53
	0	+32	45	96	82	67	77	0.42
	0	+32	61	131	124	64	73	0.37
	-25	-13	33	70	100	55	78	0.60
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	30	64	60		49	

vanEE

Model: 1001HRV ● Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: --- @100 Pa/0.4 in. wg 0.05 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 9% Supply 22%Exhaust ● Low Temp. Imbalance Factor: 1.0

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	84	177	88	186	90	190
50	0.2	80	169	84	178	86	182
75	0.3	77	163	81	171	81	171
100	0.4	69	146	72	153	76	161
125	0.5	61	130	65	137	66	139
150	0.6	46	98	49	103	52	110
175	0.7	38	81	40	85	32	67

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	28	60	54	75	83	-0.03
	0	+32	46	97	78	67	74	0.01
	0	+32	65	138	124	64	72	-0.02
	-25	-13	26	55	62	67	89	0.05

CERTIFIED HEAT AND ENERGY RECOVERY VENTILATORS Section 3-141

vanEE

Model: 2001 ERV ● Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 1.9
Exhaust Air Transfer Ratio: --- @100 Pa/0.4 in. wg 0.06 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 0% Supply 0% Exhaust ● Low Temp. Imbalance Factor: 0.84

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	109	231	116	245	128	271
50	0.2	108	228	114	241	123	260
75	0.3	101	214	107	227	118	249
100	0.4	95	201	101	213	110	233
125	0.5	86	182	91	193	102	217
150	0.6	79	167	84	177	92	195
175	0.7	62	132	66	140	81	172
200	0.8	40	85	42	90	55	116

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	52	110	93	69	76	0.45
	0	+32	74	157	130	64	71	0.38
	0	+32	96	203	193	60	68	0.30
	-15	5	52	110	122	55	76	0.26
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	50	106	89		41	

vanEE

Model: 2001 HRV ● Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 1.9
Exhaust Air Transfer Ratio: ---- @100 Pa/0.4 in. wg 0.04 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 0% Supply 23% Exhaust ● Low Temp. Imbalance Factor: 1.0

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
50	0.2	119	253	125	264	126	268
75	0.3	118	250	124	262	118	251
100	0.4	111	235	116	245	114	241
125	0.5	102	216	106	224	107	226
150	0.6	87	185	91	193	96	204
175	0.7	76	160	79	167	81	172
200	0.8	57	120	59	124	57	121

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	51	109	92	70	77	-0.01
	0	+32	73	155	128	65	72	-0.02
	0	+32	102	215	191	62	70	-0.01
	-25	-13	52	110	104	60	94	0.05

vanEE

Model: NOVO+ 100H ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: 0.01 @ 100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 12% Supply 21% Exhaust ● Low Temp. Imbalance Factor: 1.01

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	85	180	86	182	92	194
50	0.2	82	174	82	175	86	182
75	0.3	77	163	77	164	81	171
100	0.4	71	150	71	151	71	151
125	0.5	67	141	67	142	57	120
150	0.6	60	128	61	130	40	85
175	0.7	51	108	52	110	27	57

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	31	66	67	67	79	-0.01
	0	+32	40	86	74	65	75	-0.01
	0	+32	54	115	90	61	70	-0.01
	-25	-13	38	81	87	60	76	0.02

vanEE

Model: NOVO+ 200H ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 2.1
Exhaust Air Transfer Ratio: 0.01 @ 100 Pa/0.4 in. wg 0.00 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 9% Supply 20% Exhaust ● Low Temp. Imbalance Factor: 1.02

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	106	225	107	227	118	249
50	0.2	102	215	102	216	115	243
75	0.3	96	204	97	205	111	235
100	0.4	90	192	91	193	107	226
125	0.5	83	177	84	179	100	211
150	0.6	76	161	76	162	89	189
175	0.7	67	142	67	143	75	159

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	39	82	71	65	75	0.01
	0	+32	61	130	129	60	69	0.01
	-25	-13	40	84	114	60	76	0.03

CERTIFIED HEAT AND ENERGY RECOVERY VENTILATORS Section 3-143

vanEE

Model: Vigor ERV (SP) ● Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 0.5
Exhaust Air Transfer Ratio: 0.03 @100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 25.2% Supply 22.3% Exhaust ● Low Temp. Imbalance Factor: 1.03

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	39	82	39	84	39	83
50	0.2	37	78	38	80	37	79
75	0.3	35	75	36	77	35	75
100	0.4	33	70	34	72	34	71
125	0.5	32	67	33	69	32	67
150	0.6	29	62	30	64	29	61
175	0.7	28	59	28	60	27	57
200	0.8	26	55	26	56	24	52

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	17	35	34	66	77	0.59
	0	+32	30	64	50	60	69	0.54
	-25	-13	17	36	43	56	75	0.55
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	17	36	34		50	

vanEE

Model: Vigor ERV (TP) ● Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 0.5
Exhaust Air Transfer Ratio: 0.03 @100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 25.2% Supply 22.3% Exhaust ● Low Temp. Imbalance Factor: 1.03

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	39	82	39	84	39	83
50	0.2	37	78	38	80	37	79
75	0.3	35	75	36	77	35	75
100	0.4	33	70	34	72	34	71
125	0.5	32	67	33	69	32	67
150	0.6	29	62	30	64	29	61
175	0.7	28	59	28	60	27	57
200	0.8	26	55	26	56	24	52

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	17	35	34	66	77	0.59
	0	+32	30	64	50	60	69	0.54
	-25	-13	17	36	43	56	75	0.55
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	17	36	34		50	

vanEE

Model: Vigor HRV • Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 0.5
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 14.8% Supply 25.3% Exhaust • Low Temp. Imbalance Factor: 1.08

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	39	82	39	83	43	90
50	0.2	37	78	38	80	40	86
75	0.3	35	73	35	74	39	82
100	0.4	33	71	34	72	37	78
125	0.5	31	66	32	67	35	73
150	0.6	30	63	30	64	33	71
175	0.7	28	59	28	60	31	65
200	0.8	25	54	26	55	28	60
225	0.9	23	49	24	50	26	55

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	17	36	40	55	70	0.01
	0	+32	31	65	54	48	59	0.02
	-25	-13	18	38	41	53	72	0.01

vanEE

Model: Vigor HRV Plus (SP) • Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 0.5
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 14.4% Supply 23.3% Exhaust • Low Temp. Imbalance Factor: 1.08

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	40	84	40	85	40	85
50	0.2	38	80	38	81	38	81
75	0.3	36	77	37	78	37	79
100	0.4	34	73	35	73	35	74
125	0.5	33	70	33	71	34	71
150	0.6	31	65	31	66	32	68
175	0.7	29	60	29	61	29	62
200	0.8	26	56	27	57	27	57
225	0.9	25	52	25	53	25	52

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	20	42	36	67	77	0.00
	0	+32	30	64	52	61	71	0.00
	0	+32	38	81	54	58	65	0.00
	-25	-13	18	39	42	60	81	0.02
	-25	-13	30	64	53	55	70	0.01

CERTIFIED HEAT AND ENERGY RECOVERY VENTILATORS Section 3-145

vanEE

Model: Vigor HRV Plus (TP) • Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 0.5
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 14.4% Supply 23.3% Exhaust • Low Temp. Imbalance Factor: 1.08

VENTILATION PERFORMANCE

EXT. 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	40	84	40	85	40	85
50	0.2	38	80	38	81	38	81
75	0.3	36	77	37	78	37	79
100	0.4	34	73	35	73	35	74
125	0.5	33	70	33	71	34	71
150	0.6	31	65	31	66	32	68
175	0.7	29	60	29	61	29	62
200	0.8	26	56	27	57	27	57
225	0.9	25	52	25	53	25	52

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	20	42	36	67	77	0.00
	0	+32	30	64	52	61	71	0.00
	0	+32	38	81	54	58	65	0.00
	-25	-13	18	39	42	60	81	0.02
	-25	-13	30	64	53	55	70	0.01

CERTIFIED HEAT AND ENERGY RECOVERY VENTILATORS Section 3-146

VENMAR VENTILATION, INC.

Model: AVS 1.5 Constructo ● Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 12% Supply 21% Exhaust ● Low Temp. Imbalance Factor: 1.01

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	85	180	86	182	92	194
50	0.2	82	174	82	175	86	182
75	0.3	77	163	77	164	81	171
100	0.4	71	150	71	151	71	151
125	0.5	67	141	67	142	57	120
150	0.6	60	128	61	130	40	85
175	0.7	51	108	52	110	27	57

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	31	66	62	67	79	-0.01
	0	+32	40	86	75	64	75	-0.01
	0	+32	57	120	90	61	70	-0.01
	-25	-13	38	81	83	60	76	0.02

VENMAR VENTILATION, INC.

Model: AVS 2.0 Constructo ● Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 2.1
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg --- @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 10% Supply 13% Exhaust ● Low Temp. Imbalance Factor: 0.90

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	110	234	112	237	112	237
50	0.2	103	219	105	223	106	225
75	0.3	98	208	100	211	99	210
100	0.4	89	189	91	192	91	193
125	0.5	84	177	85	180	82	174
150	0.6	71	151	72	153	70	149
175	0.7	64	136	65	138	44	94

ENERGY PERFORMANCE

SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
0	+32	31	66	85	69	81	-0.01
0	+32	56	119	124	60	70	-0.01
0	+32	86	182	197	53	62	-0.01
-25	-13	34	72	114	62	80	0.08

VENMAR VENTILATION, INC.

Model: AVS Constructo 1.0 ERV (SP) ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.0
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 26.3% Supply 22.1% Exhaust ● Low Temp. Imbalance Factor: 1.04

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	54	114	55	117	55	117
50	0.2	53	112	54	115	54	114
75	0.3	51	109	53	111	52	110
100	0.4	49	105	50	106	50	106
125	0.5	48	102	49	104	49	103
150	0.6	45	96	47	99	47	99
175	0.7	44	93	45	94	45	94
200	0.8	42	89	43	92	42	88
225	0.9	40	85	41	87	41	87
250	1.0	38	81	39	82	38	81

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	23	49	42	67	79	0.61
	0	+32	30	64	60	65	75	0.55
	0	+32	40	84	72	63	71	0.48
	-25	-13	21	45	58	60	75	0.60
	-25	-13	30	64	71	55	71	0.57
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	21	44	42		50	

VENMAR VENTILATION, INC.

Model: AVS Constructo 1.0 ERV (TP) ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.0
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 26.3% Supply 22.1% Exhaust ● Low Temp. Imbalance Factor: 1.04

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	54	114	55	117	55	117
50	0.2	53	112	54	115	54	114
75	0.3	51	109	53	111	52	110
100	0.4	49	105	50	106	50	106
125	0.5	48	102	49	104	49	103
150	0.6	45	96	47	99	47	99
175	0.7	44	93	45	94	45	94
200	0.8	42	89	43	92	42	88
225	0.9	40	85	41	87	41	87
250	1.0	38	81	39	82	38	81

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	23	49	42	67	79	0.61
	0	+32	30	64	60	65	75	0.55
	0	+32	40	84	72	63	71	0.48
	-25	-13	21	45	58	60	75	0.60
	-25	-13	30	64	71	55	71	0.57
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	21	44	42		50	

CERTIFIED HEAT AND ENERGY RECOVERY VENTILATORS

VENMAR VENTILATION, INC.

Model: AVS Constructo 1.0 HRV (SP) • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.0
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 13.3% Supply 19.3% Exhaust • Low Temp. Imbalance Factor: 1.01

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	53	111	53	112	57	120
50	0.2	51	107	51	108	54	114
75	0.3	48	101	48	102	52	110
100	0.4	46	98	47	99	49	105
125	0.5	43	91	43	92	47	100
150	0.6	41	88	42	88	45	96
175	0.7	39	82	39	83	43	91
200	0.8	37	79	38	80	40	85
225	0.9	34	73	35	74	37	79
250	1.0	34	71	34	72	36	76
275	1.1	31	65	31	65	34	72
300	1.2	29	61	29	62	32	68

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	23	50	43	65	74	0.01
	0	+32	30	64	58	62	70	0.01
	0	+32	39	83	70	59	66	0.01
	-25	-13	21	45	56	60	78	0.01
	-25	-13	30	64	64	55	72	0.00

VENMAR VENTILATION, INC.

Model: AVS Constructo 1.0 HRV (TP) • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.0
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 13.3% Supply 19.3% Exhaust • Low Temp. Imbalance Factor: 1.01

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	53	111	53	112	57	120
50	0.2	51	107	51	108	54	114
75	0.3	48	101	48	102	52	110
100	0.4	46	98	47	99	49	105
125	0.5	43	91	43	92	47	100
150	0.6	41	88	42	88	45	96
175	0.7	39	82	39	83	43	91
200	0.8	37	79	38	80	40	85
225	0.9	34	73	35	74	37	79
250	1.0	34	71	34	72	36	76
275	1.1	31	65	31	65	34	72
300	1.2	29	61	29	62	32	68

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	23	50	43	65	74	0.01
	0	+32	30	64	58	62	70	0.01
	0	+32	39	83	70	59	66	0.01
	-25	-13	21	45	56	60	78	0.01
	-25	-13	30	64	64	55	72	0.00

CERTIFIED HEAT AND ENERGY RECOVERY VENTILATORS Section 3-149

VENMAR VENTILATION, INC.

Model: AVS Constructo 1.5 V HRV ● Options Installed: Dampers
Electrical Requirements: Volts: 120 Amps: 1.0
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 20.8% Supply 30.6% Exhaust ● Low Temp. Imbalance Factor: 1.06

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	91	193	92	195	91	194
50	0.2	86	182	86	183	86	182
75	0.3	80	170	81	171	80	169
100	0.4	74	157	74	158	74	157
125	0.5	67	142	67	143	69	147
150	0.6	62	132	62	133	63	133
175	0.7	55	117	56	118	57	120
200	0.8	47	101	48	101	49	104
225	0.9	40	86	41	87	43	92
250	1.0	33	71	34	71	35	74

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	32	67	56	70	78	0.00
	0	+32	40	86	64	68	75	0.01
	0	+32	56	120	86	64	70	0.01
	-25	-13	30	63	79	61	83	0.01

VENMAR VENTILATION, INC.

Model: AVS Constructo 2.0 HRV ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 2.1
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg --- @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 9% Supply 20% Exhaust ● Low Temp. Imbalance Factor: 1.02

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	106	225	107	227	118	249
50	0.2	102	215	102	216	115	243
75	0.3	96	204	97	205	111	235
100	0.4	90	192	91	193	107	226
125	0.5	83	177	84	179	100	211
150	0.6	76	161	76	162	89	189
175	0.7	67	142	67	143	75	159

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	39	82	71	65	75	0.01
	0	+32	61	130	129	60	69	0.01
	-25	-13	40	84	114	60	76	0.03

CERTIFIED HEAT AND ENERGY RECOVERY VENTILATORS Section 3-150

VENMAR VENTILATION, INC.

Model: AVS Duo 1.2 ● Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg --- @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 10% Supply 16% Exhaust ● Low Temp. Imbalance Factor: 0.86

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	62	131	63	133	65	137
50	0.2	59	125	60	127	61	130
75	0.3	58	123	59	124	58	123
100	0.4	54	114	55	116	55	117
125	0.5	51	108	52	110	50	107
150	0.6	45	95	45	96	47	99
175	0.7	39	83	40	84	40	85
200	0.8	31	65	31	66	29	62

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	32	68	108	77	87	0.61
	0	+32	56	119	156	71	81	0.56
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	31	66	103		75	

VENMAR VENTILATION, INC.

Model: AVS Duo 1.4 ● Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg --- @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 16% Supply 17% Exhaust ● Low Temp. Imbalance Factor: 0.94

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	68	145	70	148	78	165
50	0.2	65	137	66	140	72	153
75	0.3	60	127	61	129	65	138
100	0.4	57	120	58	123	60	127
125	0.5	49	104	50	106	49	104
150	0.6	43	91	44	93	42	89
175	0.7	30	64	31	66	31	66
200	0.8	22	46	22	47	23	49

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	32	68	110	70	80	0.79
	0	+32	47	100	164	65	74	0.67
	0	+32	57	121	172	64	72	0.60
	-25	-13	29	61	120	64	79	0.65
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	31	66	104		69	
	+35	+95	57	121	168		61	

CERTIFIED HEAT AND ENERGY RECOVERY VENTILATORS Section 3-151

VENMAR VENTILATION, INC.

Model: AVS Duo 1.9 • Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 2.2
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg --- @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: Supply Exhaust • Low Temp. Imbalance Factor:

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	97	206	99	211	100	214
50	0.2	92	196	95	201	95	203
75	0.3	85	181	87	186	90	192
100	0.4	79	169	81	173	85	180
125	0.5	72	153	74	156	79	168
150	0.6	63	134	65	138	70	149
175	0.7	51	108	52	111	62	132
200	0.8	38	81	39	83	50	106
225	0.9	33	69	33	71	35	75

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
	0	+32	56	119	137	69	77	0.79
	0	+32	83	177	201	64	71	0.75
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	55	116	132		70	

VENMAR VENTILATION, INC.

Model: AVS ERV EKO 1.5 • Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 16.8 Supply 13.1 Exhaust • Low Temp. Imbalance Factor: 0.94

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	76	161	77	163	78	166
50	0.2	74	157	75	158	74	156
75	0.3	69	147	70	149	71	150
100	0.4	66	140	67	142	65	138
125	0.5	59	125	60	127	62	132
150	0.6	55	117	56	119	58	122
175	0.7	50	105	50	107	53	111
200	0.8	44	93	45	95	45	95
225	0.9	37	77	37	79	39	83
250	1.0	29	61	29	62	34	73

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	24	52	24	67	73	0.59
	0	+32	31	65	30	67	72	0.55
	0	+32	39	83	36	65	71	0.52
	0	+32	57	122	60	62	67	0.46
	-25	-13	33	70	39	60	75	0.61
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	24	51	24		52	

CERTIFIED HEAT AND ENERGY RECOVERY VENTILATORS Section 3-152

VENMAR VENTILATION, INC.

Model: AVS HE 1.8 ● Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 2.2
Exhaust Air Transfer Ratio: --- @100 Pa/0.4 in. wg 0.06 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 12.8% Supply 9.4% Exhaust ● Low Temp. Imbalance Factor: 0.93

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	109	231	116	246	107	227
50	0.2	107	227	114	242	103	218
75	0.3	99	209	105	222	97	206
100	0.4	93	197	99	210	93	197
125	0.5	89	189	95	201	88	186
150	0.6	81	171	86	182	81	172
175	0.7	75	159	80	169	76	161
200	0.8	68	143	72	153	69	145
225	0.9	62	131	66	140	58	123
250	1.0	55	116	58	123	50	106
275	1.1	43	92	46	97	35	74

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	52	111	158	84	95	0.05
	0	+32	55	117	---	84	---	----
	0	+32	71	151	184	79	90	0.03
	0	+32	84	179	210	79	89	0.12
	-25	-13	57	121	176	72	88	-0.04
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	55	117	160		13	
	+35	+95	76	162	198		15	

VENMAR VENTILATION, INC.

Model: AVS HE 2.6 ● Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 4.6
Exhaust Air Transfer Ratio: --- @100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 13.3% Supply 15.8% Exhaust ● Low Temp. Imbalance Factor: 0.99

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	168	357	172	364	148	314
50	0.2	166	352	170	360	139	294
75	0.3	158	334	160	340	132	279
100	0.4	151	321	155	328	126	266
125	0.5	142	300	144	306	117	247
150	0.6	136	288	139	294	109	232
175	0.7	126	267	128	272	100	211
200	0.8	116	246	118	251	93	198
225	0.9	103	219	105	223	84	179
250	1.0	82	173	84	177	74	157
275	1.1	63	133	64	136	33	70

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	55	117	219	80	94	-0.07
	0	+32	86	183	290	74	86	0.02
	0	+32	117	249	436	70	83	-0.01
	-25	-13	55	117	264	74	89	0.07
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	85	181	286		12	
	+35	+95	115	245	434		9	

VENMAR VENTILATION, INC.

Model: AVS HRV EKO 1.5 • Options Installed: Dampers Defrost
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 22.6% Supply 35.6% Exhaust • Low Temp. Imbalance Factor: 1.10

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	89	189	89	190	87	185
50	0.2	83	177	84	179	83	177
75	0.3	79	167	79	169	79	167
100	0.4	74	156	74	158	73	155
125	0.5	69	147	69	148	68	146
150	0.6	64	136	64	137	63	133
175	0.7	59	126	60	127	58	123
200	0.8	54	115	54	116	51	108
225	0.9	47	100	47	101	45	96
250	1.0	40	86	41	87	38	80
275	1.1	35	74	35	75	31	65

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	23	49	24	75	83	0.01
	0	+32	30	64	26	74	80	0.01
	0	+32	38	81	32	73	78	0.01
	0	+32	57	122	54	67	72	0.01
	-25	-13	29	61	40	64	89	0.02

VENMAR VENTILATION, INC.

Model: AVS Kubix ERV (SP) • Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 0.5
Exhaust Air Transfer Ratio: 0.03 @100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 25.2% Supply 22.3% Exhaust • Low Temp. Imbalance Factor: 1.03

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	39	82	39	84	39	83
50	0.2	37	78	38	80	37	79
75	0.3	35	75	36	77	35	75
100	0.4	33	70	34	72	34	71
125	0.5	32	67	33	69	32	67
150	0.6	29	62	30	64	29	61
175	0.7	28	59	28	60	27	57
200	0.8	26	55	26	56	24	52

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	17	35	34	66	77	0.59
	0	+32	30	64	50	60	69	0.54
	-25	-13	17	36	43	56	75	0.55
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	17	36	34		50	

CERTIFIED HEAT AND ENERGY RECOVERY VENTILATORS

VENMAR VENTILATION, INC.

Model: AVS Kubix ERV (TP) ● Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 0.5
Exhaust Air Transfer Ratio: 0.03 @100 Pa/0.4 in. wg 0.02 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 25.2% Supply 22.3% Exhaust ● Low Temp. Imbalance Factor: 1.03

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	39	82	39	84	39	83
50	0.2	37	78	38	80	37	79
75	0.3	35	75	36	77	35	75
100	0.4	33	70	34	72	34	71
125	0.5	32	67	33	69	32	67
150	0.6	29	62	30	64	29	61
175	0.7	28	59	28	60	27	57
200	0.8	26	55	26	56	24	52

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	17	35	34	66	77	0.59
	0	+32	30	64	50	60	69	0.54
	-25	-13	17	36	43	56	75	0.55
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	17	36	34		50	

VENMAR VENTILATION, INC.

Model: AVS Kubix HRV ● Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 0.5
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 14.8% Supply 25.3% Exhaust ● Low Temp. Imbalance Factor: 1.08

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	39	82	39	83	43	90
50	0.2	37	78	38	80	40	86
75	0.3	35	73	35	74	39	82
100	0.4	33	71	34	72	37	78
125	0.5	31	66	32	67	35	73
150	0.6	30	63	30	64	33	71
175	0.7	28	59	28	60	31	65
200	0.8	25	54	26	55	28	60
225	0.9	23	49	24	50	26	55

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	17	36	40	55	70	0.01
	0	+32	31	65	54	48	59	0.02
	-25	-13	18	38	41	53	72	0.01

VENMAR VENTILATION, INC.

Model: AVS Kubix HRV Plus (SP) • Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 0.5
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 14.4% Supply 23.3% Exhaust • Low Temp. Imbalance Factor: 1.08

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	40	84	40	85	40	85
50	0.2	38	80	38	81	38	81
75	0.3	36	77	37	78	37	79
100	0.4	34	73	35	73	35	74
125	0.5	33	70	33	71	34	71
150	0.6	31	65	31	66	32	68
175	0.7	29	60	29	61	29	62
200	0.8	26	56	27	57	27	57
225	0.9	25	52	25	53	25	52

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	20	42	36	67	77	0.00
	0	+32	30	64	52	61	71	0.00
	0	+32	38	81	54	58	65	0.00
	-25	-13	18	39	42	60	81	0.02
	-25	-13	30	64	53	55	70	0.01

VENMAR VENTILATION, INC.

Model: AVS Kubix HRV Plus (TP) • Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 0.5
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 14.4% Supply 23.3% Exhaust • Low Temp. Imbalance Factor: 1.08

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	40	84	40	85	40	85
50	0.2	38	80	38	81	38	81
75	0.3	36	77	37	78	37	79
100	0.4	34	73	35	73	35	74
125	0.5	33	70	33	71	34	71
150	0.6	31	65	31	66	32	68
175	0.7	29	60	29	61	29	62
200	0.8	26	56	27	57	27	57
225	0.9	25	52	25	53	25	52

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	20	42	36	67	77	0.00
	0	+32	30	64	52	61	71	0.00
	0	+32	38	81	54	58	65	0.00
	-25	-13	18	39	42	60	81	0.02
	-25	-13	30	64	53	55	70	0.01

VENMAR VENTILATION, INC.

Model: AVS SOLO 1.5 ● Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 12% Supply 21% Exhaust ● Low Temp. Imbalance Factor: 1.01

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	85	180	86	182	92	194
50	0.2	82	174	82	175	86	182
75	0.3	77	163	77	164	81	171
100	0.4	71	150	71	151	71	151
125	0.5	67	141	67	142	57	120
150	0.6	60	128	61	130	40	85
175	0.7	51	108	52	110	27	57

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	66	62	67	79	-0.01
	0	+32	40	86	75	64	75	-0.01
	0	+32	57	120	90	61	70	-0.01
	-25	-13	38	81	83	60	76	0.02

VENMAR VENTILATION, INC.

Model: AVS Solo 2.0 ● Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 2.1
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg --- @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 10% Supply 13% Exhaust ● Low Temp. Imbalance Factor: 0.90

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	110	234	112	237	112	237
50	0.2	103	219	105	223	106	225
75	0.3	98	208	100	211	99	210
100	0.4	89	189	91	192	91	193
125	0.5	84	177	85	180	82	174
150	0.6	71	151	72	153	70	149
175	0.7	64	136	65	138	44	94

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	66	85	69	81	-0.01
	0	+32	56	119	124	60	70	-0.01
	0	+32	86	182	197	53	62	-0.01
	-25	-13	34	72	114	62	80	.08

CERTIFIED HEAT AND ENERGY RECOVERY VENTILATORS

VENMAR VENTILATION, INC.

Model: AVS THH 1.0 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.6
Exhaust Air Transfer Ratio: 0.05 @100 Pa/0.4 in. wg --- @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 3.6% Supply 4.2% Exhaust ● Low Temp. Imbalance Factor: 1.20

VENTILATION PERFORMANCE

EXT. 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	48	102	51	107	52	110
50	0.2	47	100	50	105	50	106
75	0.3	45	95	47	99	48	103
100	0.4	44	93	46	98	46	99
125	0.5	41	87	43	92	45	95
150	0.6	41	86	42	90	43	91
175	0.7	39	83	41	88	41	87
200	0.8	37	79	39	83	38	80
225	0.9	37	78	38	81	36	76
250	1.0	34	73	36	76	33	71

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	24	52	116	63	85	0.02
	0	+32	35	74	147	59	75	0.05
	0	+32	44	94	189	57	75	0.01
	-25	-13	16	35	114	58	95	0.01

VENMAR VENTILATION, INC.

Model: AVS THSF 104 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.6
Exhaust Air Transfer Ratio: 0.05 @100 Pa/0.4 in. wg --- @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 3.6% Supply 4.2% Exhaust ● Low Temp. Imbalance Factor: 1.20

VENTILATION PERFORMANCE

EXT. 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	53	114	56	119	52	110
50	0.2	53	112	55	117	50	106
75	0.3	50	106	52	111	48	103
100	0.4	49	104	51	109	46	99
125	0.5	46	99	49	103	45	95
150	0.6	45	96	48	101	43	91
175	0.7	44	93	46	98	41	87
200	0.8	42	88	44	93	38	80
225	0.9	41	87	43	91	36	76
250	1.0	38	81	40	85	33	71

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	24	52	116	63	85	0.02
	0	+32	35	74	147	59	75	0.05
	0	+32	44	94	189	57	75	0.01
	-25	-13	16	35	114	58	95	0.01

VENMAR VENTILATION, INC.

Model: ERV Constructo 1.5 Quattro • Options Installed: none
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: 0.02 @ 100 Pa/0.4 in. wg 0.04 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 28.6% Supply 29.5% Exhaust • Low Temp. Imbalance Factor: 1.05

VENTILATION PERFORMANCE

EXT. 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	84	179	85	181	92	196
50	0.2	82	173	83	175	88	187
75	0.3	74	156	75	158	85	181
100	0.4	70	148	71	151	77	163
125	0.5	64	135	65	137	67	143
150	0.6	58	124	59	125	54	114
175	0.7	50	105	50	106	33	71
200	0.8	41	87	42	88	20	43

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	30	64	66	61	75	62
	0	+32	46	97	77	60	71	58
	0	+32	66	141	137	57	69	52
	-25	-13	22	47	92	49	80	56
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	31	65	63		56	
	+35	+95						

VENMAR VENTILATION, INC.

Model: ERV Constructo 2.0 ES • Options Installed: none
Electrical Requirements: Volts: 120 Amps: 2.1
Exhaust Air Transfer Ratio: 0.01 @ 100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 25% Supply 43% Exhaust • Low Temp. Imbalance Factor: 1.28

VENTILATION PERFORMANCE

EXT. 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	105	222	106	225	106	225
50	0.2	99	209	100	212	104	220
75	0.3	93	198	94	200	100	212
100	0.4	86	183	88	186	93	198
125	0.5	76	162	78	165	87	185
150	0.6	70	148	71	150	75	158
175	0.7	60	128	61	130	56	119
200	0.8	50	107	51	108	29	61

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	39	80	84	60	72	60
	0	+32	54	114	113	58	69	53
	0	+32	79	167	169	56	66	45
	-25	-13	31	65	116	41	86	47
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	39	82	81		52	
	+35	+95						

VENMAR VENTILATION, INC.

Model: ERV Constructo 2.0 Quattro ● Options Installed: none
Electrical Requirements: Volts: 120 Amps: 2.1
Exhaust Air Transfer Ratio: 0.01 @ 100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 25% Supply 43% Exhaust ● Low Temp. Imbalance Factor: 1.28

VENTILATION PERFORMANCE

EXT. 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	105	222	106	225	106	225
50	0.2	99	209	100	212	104	220
75	0.3	93	198	94	200	100	212
100	0.4	86	183	88	186	93	198
125	0.5	76	162	78	165	87	185
150	0.6	70	148	71	150	75	158
175	0.7	60	128	61	130	56	119
200	0.8	50	107	51	108	29	61

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	39	80	84	60	72	60
	0	+32	54	114	113	58	69	53
	0	+32	79	167	169	56	66	45
	-25	-13	31	65	116	41	86	47
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	39	82	81		52	
	+35	+95						

VENMAR VENTILATION

Model: ERV DUO 1.5 ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.4
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg --- @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 16% Supply 17% Exhaust ● Low Temp. Imbalance Factor: 0.94

VENTILATION PERFORMANCE

EXT. 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	68	145	70	148	78	165
50	0.2	65	137	66	140	72	153
75	0.3	60	127	61	129	65	138
100	0.4	57	120	58	123	60	127
125	0.5	49	104	50	106	49	104
150	0.6	43	91	44	93	42	89
175	0.7	30	64	31	66	31	66
200	0.8	22	46	22	47	23	49

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	32	68	110	70	80	0.79
	0	+32	47	100	164	65	74	0.67
	0	+32	57	121	172	64	72	0.60
	-25	-13	29	61	120	64	79	0.65
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	31	66	104		69	
	+35	+95	57	121	168		61	

CERTIFIED HEAT AND ENERGY RECOVERY VENTILATORS Section 3-160

VENMAR VENTILATION

Model: ERV DUO 2.0 • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 2.2
Exhaust Air Transfer Ratio: 0.02 @100 Pa/0.4 in. wg --- @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 10% Supply 16% Exhaust • Low Temp. Imbalance Factor: 0.86

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	97	206	99	211	100	214
50	0.2	92	196	95	201	95	203
75	0.3	85	181	87	186	90	192
100	0.4	79	169	81	173	85	180
125	0.5	72	153	74	156	79	168
150	0.6	63	134	65	138	70	149
175	0.7	51	108	52	111	62	132
200	0.8	38	81	39	83	50	106
225	0.9	33	69	33	71	35	75

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	56	119	137	69	77	0.79
	0	+32	83	177	201	64	71	0.75
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95	55	116	132		70	

VENMAR VENTILATION

Model: HRV 2600 • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.6
Exhaust Air Transfer Ratio: 0.05 @100 Pa/0.4 in. wg --- @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 3.6% Supply 4.2% Exhaust • Low Temp. Imbalance Factor: 1.20

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	54	114	56	119	52	110
50	0.2	53	112	55	117	50	106
75	0.3	50	106	52	111	49	103
100	0.4	49	104	51	109	47	99
125	0.5	47	99	49	103	45	95
150	0.6	45	96	48	101	43	91
175	0.7	44	93	46	98	41	87
200	0.8	42	88	44	93	38	80
225	0.9	41	87	43	91	36	76
250	1.0	38	81	40	85	34	71

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	24	52	116	63	85	0.02
	0	+32	35	74	147	59	75	0.05
	0	+32	44	94	189	57	75	0.01
	-25	-13	16	35	114	58	95	0.01

CERTIFIED HEAT AND ENERGY RECOVERY VENTILATORS Section 3-161

VENMAR VENTILATION, INC.

Model: HRV CONSTRUCTO 1.5 ES • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: 0.01 @ 100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 12% Supply 21% Exhaust • Low Temp. Imbalance Factor: 1.01

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	85	180	86	182	92	194
50	0.2	82	174	82	175	86	182
75	0.3	77	163	77	164	81	171
100	0.4	71	150	71	151	71	151
125	0.5	67	141	67	142	57	120
150	0.6	60	128	61	130	40	85
175	0.7	51	108	52	110	27	57

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	66	67	67	79	-0.01
	0	+32	40	86	74	65	75	-0.01
	0	+32	54	115	90	61	70	-0.01
	-25	-13	38	81	87	60	76	0.02

VENMAR VENTILATION, INC.

Model: HRV CONSTRUCTO 2.0 ES • Options Installed: None
Electrical Requirements: Volts: 120 Amps: 2.1
Exhaust Air Transfer Ratio: 0.01 @ 100 Pa/0.4 in. wg 0.00 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 9% Supply 20% Exhaust • Low Temp. Imbalance Factor: 1.02

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	106	225	107	227	118	249
50	0.2	102	215	102	216	115	243
75	0.3	96	204	97	205	111	235
100	0.4	90	192	91	193	107	226
125	0.5	83	177	84	179	100	211
150	0.6	76	161	76	162	89	189
175	0.7	67	142	67	143	75	159

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	39	82	71	65	75	0.01
	0	+32	61	130	129	60	69	0.01
	-25	-13	40	84	114	60	76	0.03

CERTIFIED HEAT AND ENERGY RECOVERY VENTILATORS Section 3-162

VENMAR VENTILATION, INC.

Model: HRV NOVO+ 1.5 ES ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: 0.01 @ 100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 12% Supply 21% Exhaust ● Low Temp. Imbalance Factor: 1.01

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	85	180	86	182	92	194
50	0.2	82	174	82	175	86	182
75	0.3	77	163	77	164	81	171
100	0.4	71	150	71	151	71	151
125	0.5	67	141	67	142	57	120
150	0.6	60	128	61	130	40	85
175	0.7	51	108	52	110	27	57

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	31	66	67	67	79	-0.01
	0	+32	40	86	74	65	75	-0.01
	0	+32	54	115	90	61	70	-0.01
	-25	-13	38	81	87	60	76	0.02

VENMAR VENTILATION, INC.

Model: HRV NOVOFIT 2.0 ES ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 2.1
Exhaust Air Transfer Ratio: 0.01 @ 100 Pa/0.4 in. wg 0.00 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 9% Supply 20% Exhaust ● Low Temp. Imbalance Factor: 1.02

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	106	225	107	227	118	249
50	0.2	102	215	102	216	115	243
75	0.3	96	204	97	205	111	235
100	0.4	90	192	91	193	107	226
125	0.5	83	177	84	179	100	211
150	0.6	76	161	76	162	89	189
175	0.7	67	142	67	143	75	159

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	39	82	71	65	75	0.01
	0	+32	61	130	129	60	69	0.01
	-25	-13	40	84	114	60	76	0.03

CERTIFIED HEAT AND ENERGY RECOVERY VENTILATORS Section 3-163

VENMAR VENTILATION, INC.

Model: HRV SOLO 1.5 ES ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: 0.01 @ 100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 12% Supply 21% Exhaust ● Low Temp. Imbalance Factor: 1.01

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	85	180	86	182	92	194
50	0.2	82	174	82	175	86	182
75	0.3	77	163	77	164	81	171
100	0.4	71	150	71	151	71	151
125	0.5	67	141	67	142	57	120
150	0.6	60	128	61	130	40	85
175	0.7	51	108	52	110	27	57

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	31	66	67	67	79	-0.01
	0	+32	40	86	74	65	75	-0.01
	0	+32	54	115	90	61	70	-0.01
	-25	-13	38	81	87	60	76	0.02

VENMAR VENTILATION, INC.

Model: HRV SOLO 2.0 ES ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 2.1
Exhaust Air Transfer Ratio: 0.01 @ 100 Pa/0.4 in. wg 0.00 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 9% Supply 20% Exhaust ● Low Temp. Imbalance Factor: 1.02

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	106	225	107	227	118	249
50	0.2	102	215	102	216	115	243
75	0.3	96	204	97	205	111	235
100	0.4	90	192	91	193	107	226
125	0.5	83	177	84	179	100	211
150	0.6	76	161	76	162	89	189
175	0.7	67	142	67	143	75	159

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	39	82	71	65	75	0.01
	0	+32	61	130	129	60	69	0.01
	-25	-13	40	84	114	60	76	0.03

CERTIFIED HEAT AND ENERGY RECOVERY VENTILATORS Section 3-164

VENMAR VENTILATION, INC.

Model: NOVOFIT 1.0 • Options Installed: Dampers Defrost
Electrical Requirements: Volts: 120 Amps: .9
Exhaust Air Transfer Ratio: 0.01 @ 100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 19.2% Supply 28% Exhaust • Low Temp. Imbalance Factor: 1.05

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	72	152	72	153	72	153
50	0.2	63	134	63	135	64	136
75	0.3	56	120	57	120	57	122
100	0.4	49	104	49	105	51	109
125	0.5	44	94	44	94	45	96
150	0.6	37	79	37	79	41	87
175	0.7	32	68	32	69	35	74
200	0.8	26	54	26	55	28	59

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	25	54	46	73	81	0.00
	0	+32	33	70	54	70	78	0.00
	0	+32	48	102	84	65	73	0.00
	-25	-13	26	54	61	64	84	0.02

VENMAR VENTILATION, INC.

Model: NOVOFIT 1.5 • Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 1.3
Exhaust Air Transfer Ratio: 0.01 @100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 12% Supply 21% Exhaust • Low Temp. Imbalance Factor: 1.01

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	85	180	86	182	92	194
50	0.2	82	174	82	175	86	182
75	0.3	77	163	77	164	81	171
100	0.4	71	150	71	151	71	151
125	0.5	67	141	67	142	57	120
150	0.6	60	128	61	130	40	85
175	0.7	51	108	52	110	27	57

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	31	66	62	67	79	-0.01
	0	+32	40	86	75	64	75	-0.01
	0	+32	57	120	90	61	70	-0.01
	-25	-13	38	81	83	60	76	0.02

CERTIFIED HEAT AND ENERGY RECOVERY VENTILATORS

VENMAR VENTILATION, INC.

Model: NOVOFIT 2.0 ● Options Installed:
Electrical Requirements: Volts: 120 Amps: 2.1
Exhaust Air Transfer Ratio: 0.01 @ 100 Pa/0.4 in. wg - @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 10% Supply 13% Exhaust ● Low Temp. Imbalance Factor: 0.90

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	110	234	112	237	112	237
50	0.2	103	219	105	223	106	225
75	0.3	98	208	100	211	99	210
100	0.4	89	189	91	192	91	193
125	0.5	84	177	85	180	82	174
150	0.6	71	151	72	153	70	149
175	0.7	64	136	65	138	44	94

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	31	66	85	69	81	-0.01
	0	+32	56	119	124	60	70	-0.01
	0	+32	86	182	197	53	62	-0.01
	-25	-13	34	72	114	62	80	.08
							TOTAL RECOVERY EFFICIENCY	
COOLING	+35	+95					Not tested	
	+35	+95						

VENMAR VENTILATION, INC.

Model: PRO215 ● Options Installed: Defrost
Electrical Requirements: Volts: 120 Amps: 0.9
Exhaust Air Transfer Ratio: 0.01 @ 100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 19.2% Supply 28.0% Exhaust ● Low Temp. Imbalance Factor: 1.05

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	72	152	72	153	72	153
50	0.2	63	134	63	135	64	136
75	0.3	56	120	57	120	57	122
100	0.4	49	104	49	105	51	109
125	0.5	44	94	44	94	45	96
150	0.6	37	79	37	79	41	87
175	0.7	32	68	32	68	35	74
200	0.8	26	54	26	55	28	59

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	25	54	46	73	81	0.00
	0	+32	33	70	54	70	78	0.00
	0	+32	48	102	84	65	73	0.00
	-25	-13	26	54	61	64	84	0.02

VENMAR VENTILATION, INC.

Model: PRO225 ● Options Installed: Dampers Defrost
Electrical Requirements: Volts: 120 Amps: 1.0
Exhaust Air Transfer Ratio: 0.01 @ 100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 20.8% Supply 30.6% Exhaust ● Low Temp. Imbalance Factor: 1.06

VENTILATION PERFORMANCE

EXT. 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	76	161	77	163	77	162
50	0.2	72	152	72	153	72	152
75	0.3	67	142	68	143	67	141
100	0.4	62	131	63	132	62	131
125	0.5	56	119	56	119	58	123
150	0.6	52	110	53	111	53	111
175	0.7	46	98	47	99	48	100
200	0.8	40	84	40	84	41	87
225	0.9	34	72	34	73	36	77
250	1.0	28	59	28	59	29	62

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	32	67	56	70	78	0.00
	0	+32	40	86	64	68	75	0.01
	0	+32	56	120	86	64	70	0.01
	-25	-13	30	63	79	61	83	0.01

VENMAR VENTILATION, INC.

Model: PRO250 ● Options Installed: Dampers Defrost
Electrical Requirements: Volts: 120 Amps: 1.0
Exhaust Air Transfer Ratio: 0.01 @ 100 Pa/0.4 in. wg 0.01 @ 50 Pa / 0.2 in. wg
Low Temp. Vent Reduction Factor: 20.8% Supply 30.6% Exhaust ● Low Temp. Imbalance Factor: 1.06

VENTILATION PERFORMANCE

EXT. 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	76	161	77	163	77	162
50	0.2	72	152	72	153	72	152
75	0.3	67	142	68	143	67	141
100	0.4	62	131	63	132	62	131
125	0.5	56	119	56	119	58	123
150	0.6	52	110	53	111	53	111
175	0.7	46	98	47	99	48	100
200	0.8	40	84	40	84	41	87
225	0.9	34	72	34	73	36	77
250	1.0	28	59	28	59	29	62

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE °C	°F	NET AIR FLOW L/S	CFM	POWER CONSUMED WATTS	SENSIBLE RECOVERY EFFICIENCY	APPARENT SENSIBLE EFFECTIVENESS	LATENT RECOVERY/MOISTURE TRANSFER
HEATING	0	+32	32	67	56	70	78	0.00
	0	+32	40	86	64	68	75	0.01
	0	+32	56	120	86	64	70	0.01
	-25	-13	30	63	79	61	83	0.01

CERTIFIED HEAT AND ENERGY RECOVERY VENTILATORS

YORK

Model: S1-HRV160 York ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.01 @ 100 Pa / 0.4 in. Wg 0.01 @ 50 Pa / 0.2 in. Wg
Low Temp. Vent Reduction Factor: 11.3% Supply 7.6% Exhaust ● Low Temp. Imbalance Factor: 0.94

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		EXHAUST	
Pa	in wg	L/s	cfm	L/s	cfm	L/s	cfm
25	0.1	91	193	91	104	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
200	0.8	46	96	46	96	50	106
225	0.9	40	85	40	86	43	91
250	1.0	35	75	36	75	39	82
275	1.1	29	62	29	62	34	71

ENERGY PERFORMANCE

SUPPLY TEMPERATURE			NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	31	65	72	66	75	-0.01
	0	+32	39	83	80	63	72	-0.01
	0	+32	50	107	94	60	67	-0.01
	-25	-13	36	76	72	56	73	0.00

YORK

Model: S1-HRV220 York ● Options Installed: None
Electrical Requirements: Volts: 120 Amps: 1.5
Exhaust Air Transfer Ratio: 0.01 @ 100 Pa / 0.4 in. Wg 0.01 @ 50 Pa / 0.2 in. Wg
Low Temp. Vent Reduction Factor: 1.03% Supply 1.03% Exhaust ● Low Temp. Imbalance Factor: 0.91

VENTILATION PERFORMANCE

EXT. STATIC PRESSURE		NET SUPPLY AIR FLOW		GROSS AIR FLOW SUPPLY		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
00	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
200	0.8	61	129	61	131	60	128
225	0.9	52	110	52	111	49	104
250	1.0	45	96	46	97	40	86
275	1.1	37	79	38	80	32	68

ENERGY PERFORMANCE

SUPPLY TEMPERATURE			NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	55	118	106	61	71	0.00
	0	+32	75	160	132	58	65	0.00
	0	+32	87	185	150	55	62	0.00
	-25	-13	57	120	105	58	72	0.01

CERTIFIED HEAT AND ENERGY RECOVERY VENTILATORS

ZEHNDER

Model: CA 350 HRV • Options Installed: None
Electrical Requirements: Volts: 230 Amps: 1.77
Exhaust Air Transfer Ratio: 0 @ 100 Pa / 0.4 in. Wg 0 @ 50 Pa / 0.2 in. Wg
Low Temp. Vent Reduction Factor: 0% Supply 0% Exhaust • Low Temp. Imbalance Factor: 1.07

VENTILATION PERFORMANCE

EXT. 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	123	260	123	261	126	266
50	0.2	119	251	119	252	124	262
75	0.3	115	243	115	244	121	255
00	0.4	111	236	112	237	117	247
125	0.5	108	229	109	230	113	239
150	0.6	105	223	105	223	109	230
175	0.7	102	216	102	217	105	223
200	0.8	99	210	99	210	102	217
225	0.9	96	203	96	204	100	212
250	1.0	94	198	94	199	98	208

ENERGY PERFORMANCE

	SUPPLY TEMPERATURE		NET AIR FLOW		POWER CONSUMED	SENSIBLE RECOVERY	APPARENT SENSIBLE	LATENT RECOVERY/MOISTURE
	°C	°F	L/S	CFM	WATTS	EFFICIENCY	EFFECTIVENESS	TRANSFER
HEATING	0	+32	31	65	20	88	93	0.01
	0	+32	47	99	32	87	93	0.00
	0	+32	61	129	50	85	91	0.00