

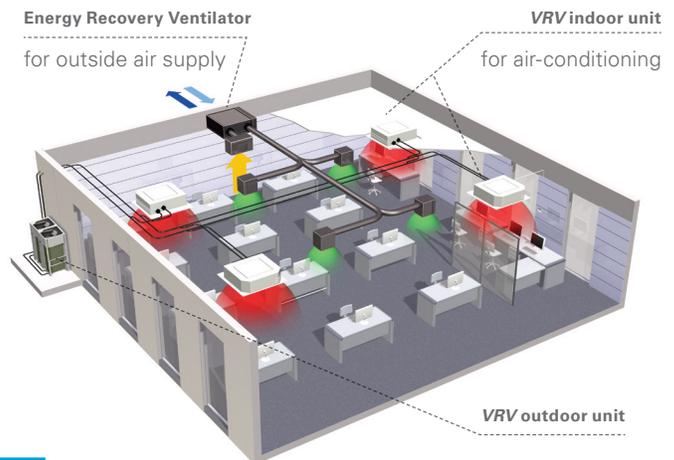


Helping to Improve Indoor Air Quality and Energy Efficiency

The VAM Energy Recovery Ventilator is designed to help improve indoor air quality and reduce the overall HVAC system power consumption. This is achieved by providing fresh outside air and recovering waste heat from exhaust air leaving the conditioned space.

Features and Benefits

- » Provides energy-saving heat recovery ventilation via a new heat exchanger with high temperature and enthalpy recovery efficiency
- » Design flexibility thanks to high static pressure fans and the capability for use in a wide range of climates (5°F to 122°F DB and 80% RH or less)*
- » Wide range of functions such as independent operation, interlock with other HVAC systems, and automatic night purge to reduce cooling loads and increase energy savings
- » Interlocked simultaneous operation with VRV indoor units through a single controller
- » Auto mode switches the ventilation mode (total heat exchange mode to bypass mode) according to the operating status of the air conditioner system
- » Pre-cooling/heating control function to delay the start of ventilation during air conditioner start-up for higher energy savings
- » Supply and exhaust fresh-up operation modes to control pressure within a space



Outside Air Integration Possible

- » Filter sign and display reset notifies when filter changes are required
- » ESP as high as 0.76" W.G.
- » Sound levels as low as 25.5 dB(A) for sound-sensitive installation locations

* Performance characteristics certified to AHRI Standard 1060 are only applicable to the cooling and heating operating conditions specified in the performance table of this document.

- The cooling effectiveness is based on 95°F DB / 78°F WB for the entering supply air and 75°F DB / 63°F WB for the entering exhaust air, at a leaving supply airflow of both 100% and 75% of the rated airflow.
- The heating effectiveness is based on 35°F DB / 33°F WB for the entering supply air and 70°F DB / 58°F WB for the entering exhaust air, at a leaving supply airflow of both 100% and 75% of the rated airflow.

VAM SPECIFICATIONS							
Mode	Airflow	Effectiveness Type		VAM300GVJU	VAM470GVJU	VAM600GVJU	VAM1200GVJU
Heating ¹	100%	Sensible	%	60	62	68	68
		Latent	%	46	48	42	42
	75%	Sensible	%	63	66	72	72
		Latent	%	53	55	47	47
Cooling ¹	100%	Sensible	%	60.6	63	68	68
		Latent	%	29	30	34	34
	75%	Sensible	%	63.9	67	72	72
		Latent	%	40	38	37	37
Power Supply		V/ph/Hz		208-230/1/60			
Airflow Rate (H/M/L)	Heat Exchange Mode	CFM		305/300/170	470/470/390	600/600/500	1,200/1,200/930
	Bypass Mode			305/300/170	470/470/390	600/600/500	1,200/1,200/930
Weight		lbs.		71	121	148	346
Height		in.		12-1/16	15-1/4	15-1/4	30-7/8
Width		in.		34-5/8	43-11/16		63-3/4
Depth		in.		31-1/2	32-3/4	47-13/16	
Sound Pressure @ 208V (H/M/L)		dB(A)		34.5/31.5/21.5	40/37/33	40.1/37/33.1	43/39/35
External Static Pressure (H/M/L)		in. Wg		0.64/0.26/0.16	0.73/0.39/0.33	0.76/0.34/0.32	0.56/0.24/0.16
External Finish	Galvanized Steel Plate						
Insulation Material	Self-Extinguishing Urethane Foam						
Connection Duct Diameter		in.		8	10		14
Ambient Conditions*		A		5°F ~ 122°F DB 80% RH or less			

*AHRI 1060 Performance characteristics certified to AHRI Standard 1060 are only applicable to the specified cooling and heating operation conditions, as specified within the performance table in this document.

¹Note: Certified in accordance with the AHRI ERV Certification Program, which is based on AHRI Standard 1060. Certified units may be found in the AHRI Directory at www.ahridirectory.org. Performance characteristics certified to AHRI Standard 1060 based on the following conditions::

- The cooling effectiveness is based on 95°F DB / 78°F WB for the entering supply air and 75°F DB / 63°F WB for the entering exhaust air, at a leaving supply airflow of both 100% and 75% of the rated airflow.
- The heating effectiveness is based on 35°F DB / 33°F WB for the entering supply air and 70°F DB / 58°F WB for the entering exhaust air, at a leaving supply airflow of both 100% and 75% of the rated airflow.



For all equipment installation and application limitations please refer to the specific Engineering Data Books.

Additional information

Before purchasing this appliance, read important information about its estimated annual energy consumption, yearly operating cost, or energy efficiency rating that is available from your retailer. [Visit www.daikinac.com](http://www.daikinac.com) to learn more.



Our continuing commitment to quality products may mean a change in specifications without notice.

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