

# High Percentage Outdoor Air Unit with Integral Heating and Cooling Model RV

- **Commercial, Institutional, and Light Industrial Applications**
- **1,000-9,500 cfm Supply Air**
- **Up to 3 in. wg of External Static Pressure**
- **Packaged DX (5-30 tons), Chilled Water, Split DX Cooling**
- **Indirect Gas, Hot Water, Electric Heating**

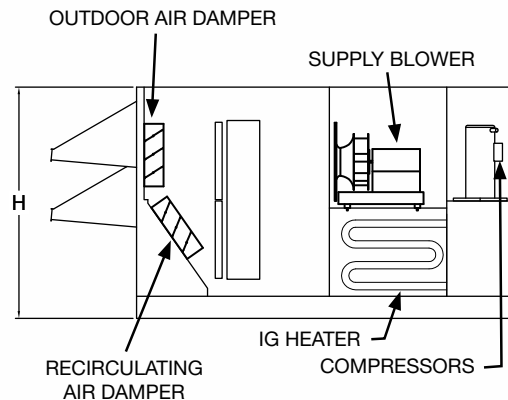
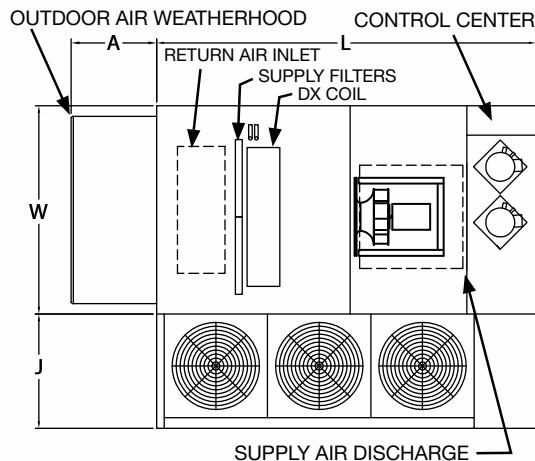
Providing the required amount of conditioned outdoor air to keep a building and the occupants healthy creates a serious challenge for any HVAC system. The model RV is a pre-engineered rooftop ventilation unit designed to answer that challenge by controlling the amount of outdoor and return air while fully tempering the supply air to desired conditions. The pre-engineered design ensures quality and consistency in this equipment and offers an economical alternative to custom-built products. Product sizing and selection is simplified by using Greenheck's Computer Aided Product Selection (CAPS) tool. CAPS provides fast turnaround for submittals, schedules and Revit files.



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Air Unit with Integral  
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# Features and Benefits

Standard Features	Benefits	Results
2-inch double-wall construction	Prevents condensation	Reduced maintenance costs
	Heating and cooling energy savings	Lower operational cost
Direct-drive plenum fans with factory provided VFD	Eliminates belt losses	Lower operational cost
	Easy to balance	Simplified startup
Modulating outdoor air damper and recirculating air damper	Easy to balance airflow mixture	Simplified startup
	Accommodates energy saving control sequences	Lower operational cost
Microprocessor controller	Factory programmed sequences	Optimized unit efficiency
	Easy adjustment	Simplified startup
Double-sloped stainless steel drain pan	Fully drains condensate	Maintains high indoor air quality (IAQ)
		Reduced maintenance costs
Hinged access doors	Quick, easy access to maintenance points	Reduced maintenance costs
Integral control center and single point wiring	Less electrical work	Lower installation cost
	Easy access to control components	Simplified startup
Horizontal or downblast supply discharge	Flexible duct connection location	Easy design and installation



## Dimensional Data

Unit Size	Dimensions (inches)					Unit Weight
	A	L	W	J-CS	H	
RV-35	21.5	95.6	52.5	28.8	58.2	2582
RV-50	21.5	108.8	64.0	35.6	70.5	3632
RV-80	26.5	117.0	68.0	32.2	82.0	4459

The dimensional data shown is for a standard high percentage outdoor air unit with integral heating and cooling. Additional configurations are available through Greenheck's Computer Aided Product Selection program.

\* Estimated weight based on options shown



The ETL Listed Mark is accepted as a product's mark of compliance to applicable electrical, gas and other safety standards. Intertek is an OSHA recognized NRTL (Nationally Recognized Testing Laboratory) and accredited as a Testing Organization and Certification Body by the Standards Council of Canada.

## Our Warranty

Greenheck warrants this equipment to be free from defects in material and workmanship for a period of one year from the shipment date. Any units or parts which prove defective during the warranty period will be replaced at our option when returned to our factory, transportation prepaid. Motors are warranted by the motor manufacturer for a period of one year. Should motors furnished by Greenheck prove defective during this period, they should be returned to the nearest authorized motor service station. Greenheck will not be responsible for any removal or installation costs.

*As a result of our commitment to continuous improvement, Greenheck reserves the right to change specifications without notice.*



Prepared to Support Green Building Efforts

Greenheck Fan Corp. • P.O. Box 410 • Schofield, WI 54476-0410 • Phone (715) 359-6171 • [www.greenheck.com](http://www.greenheck.com)

