



Dedicated to your comfort.

Seamless Integration with VRV Systems

Daikin DVS Dedicated Outside Air System (DVS - DOAS AHU) is designed for seamless integration with VRV air cooled heat recovery outdoor units and controls to provide conditioning of 100% outside ventilation air.

Models, with nominal 1,000, 2,000 and 3,000 CFM air flow rates, can be configured with pre-treatment, cooling, reheat and heating components to be applied to a wide variety of commercial applications desiring the advanced features that VRV offers.

Features and Benefits

- » Designed to condition outside air so the comfort system can operate to meet the internal loads while the DVS DOAS AHU's for VRV Systems conditions the outside air and can also deliver neutral air to the space
- » Energy Recovery Wheel section can reduce the mechanical cooling capacity of the system compared to a system without the ERW section
- » Auxiliary heat available in modulating gas heat, SCR controlled electric heat or hot water
- » DVS DOAS AHU's can be integrated into the same intelligent Touch Manager (iTM) as the comfort cooling and heating VRV system
- » Piping connections between the DVS DOAS AHU's and the VRV outdoor units can be made outside
- » Air flow ranges from 670 to 4,000 cfm allow for flexibility in design

Model		DVSV05 with ERW	DVSV10 with ERW	DVSV12 with ERW
Nominal Air Flow Nominal (Minimum-Maximum)	CFM	1,000 (670 - 1,350)	2,000 (1,600 - 2,650)	3,000 (2,000 - 4,000)
Nominal Cooling Capacity	BTU/h	41,000	73,000	127,000
Dimensions ¹ (L x W x H)	in.	103 x 71 x 41	133 x 75 x 57	
Weight ¹	lbs.	1,287	2,266	2,371
Electrical		3-Phase 208V - 230V or 460V		
Refrigerant	Type	R410A		
Auxiliary heater	Gas furnace	MBH	80 / 120 / 160	200 / 300 / 400
	Electric heater	kW	6 / 12 / 18 / 30	30 / 36 / 54
			200 / 300 / 400	36 / 54 / 72

Features:

- » ECM supply and exhaust fan motors
- » Up to 3" ESP
- » Hinged access panels
- » Double-wall 1" foam R7 insulated cabinet
- » Slide out filter racks
- » 2" MERV8 filter from factory
- » All standard Daikin VRV pipe length rules apply

Factory Installed Options Include:

- » Energy recovery wheel section with power exhaust
- » Reheat coil
- » Auxiliary heat: modulating gas, SCR controlled electric heat or hot water
- » Communication cards
- » Outdoor airflow monitoring station
- » 115V convenience outlet
- » Non-fused disconnect switch

¹ Weights, dimensions and performance of units are subject to change and will vary based on the components and options that are applied for specific applications.

Accessories Include:

- » Roof curbs
- » Intelligent Touch Manager (iTM)
- » Remote override sensor
- » Remote controller for MicroTech® III controller



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.daikincomfort.com](http://www.daikincomfort.com)

DAIKIN

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

© 2017 **DAIKIN NORTH AMERICA LLC** · Houston, Texas · USA · www.daikincomfort.com or www.daikinac.com

PF-DOAS 1-17