



VENTERGY[®]
SERIES FANS by **AMERICAN aldes**
VENTILATION CORPORATION

VENTERGY

SERIES FEATURES

Internally insulated with an acoustic vapor barrier insulation.

Heavy gauge G90 galvanized steel construction.

High efficiency external motor
meets ENERGY STAR criteria



Backward inclined impeller
for continuous operation
prevents dirt buildup

"Drop-down" hinged motor access panel for easy service.

Seamless stamped steel duct collars eliminate leakage

Automatic passive airflow control on many models

DSVS-100

Multiport Filtering ENERGY STAR Fans

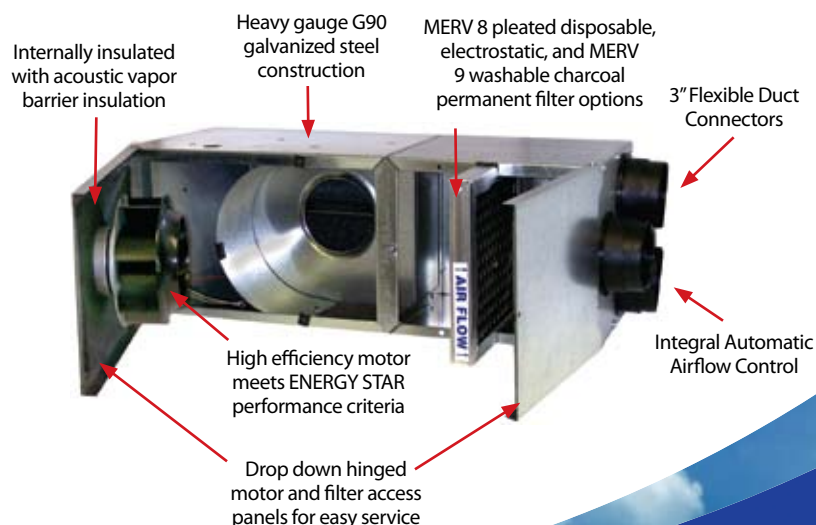
The Ventergy® Series Distributed Supply Air Ventilator is a highly versatile continuous duty unit for residential applications, and meets ENERGY STAR efficiency criteria for low energy consumption, it is designed to provide precise amounts of fresh outdoor air to bedrooms and/or living areas.

The Ventergy® Series Distributed Supply Air Ventilator is designed to filter and distribute incoming fresh air precisely to several rooms, and prevent the introduction of contaminants as a result of unwanted infiltration through leaks in the building envelope, by slightly pressurizing the structure. In addition, it reduces the risk of back-draft for heating appliances such as water heaters and fireplaces. The unit uses a quiet, continuous duty, energy efficient external rotor motor with permanently sealed bearings that provide many years of maintenance free performance.

Features

- Ideal for continuous use
- Low power consumption
- Condensation-proof IAQ lined cabinet
- Whisper quiet operation
- Energy Star Certified
- Compact Dimensions (8" x 8" x 21")
- Precise airflow rates from CAR-II's*
- 100% Speed Controllable
- Easy to access filter / motor / impeller
- Multiple Filter Options

*see page 14

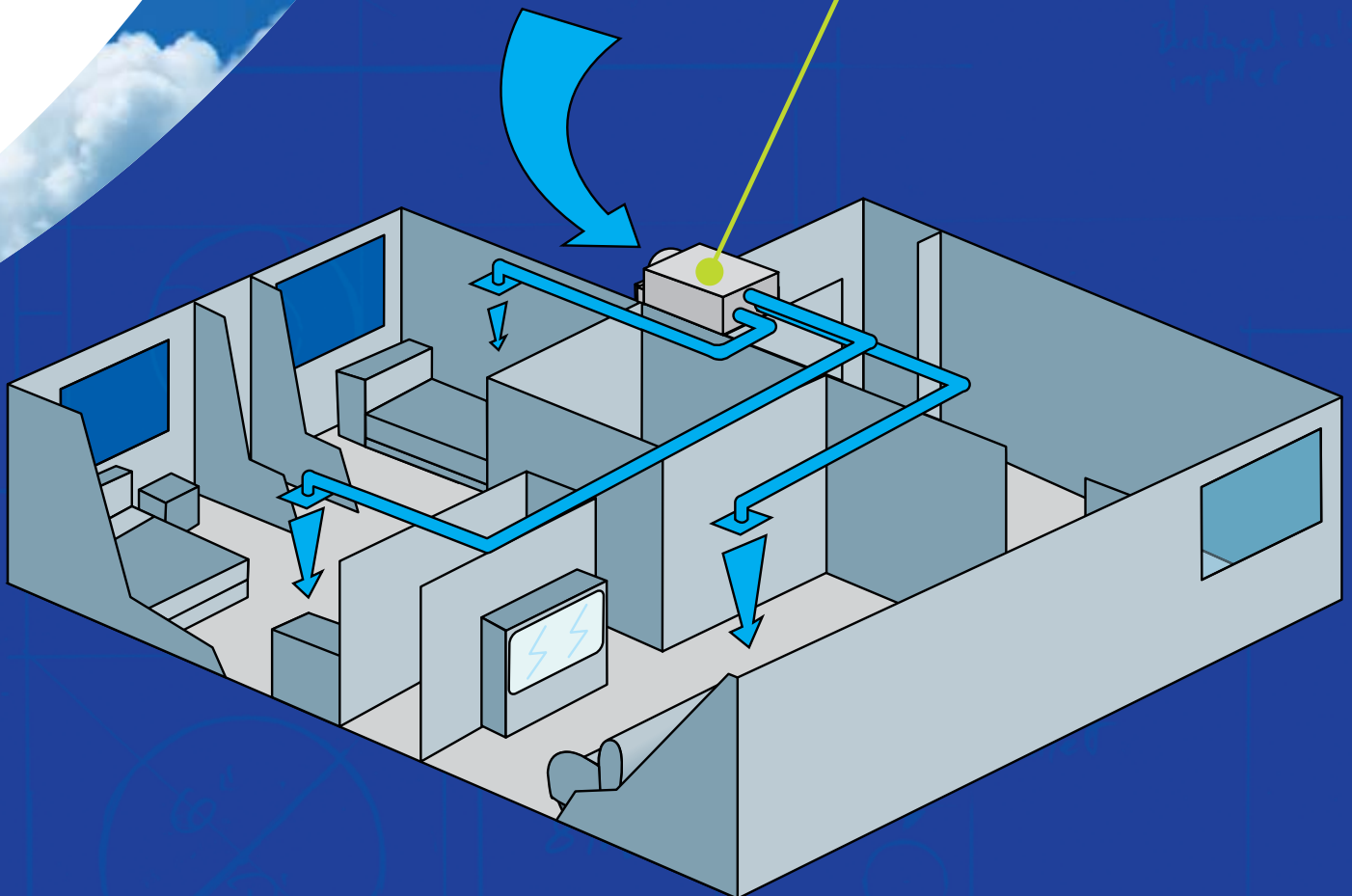
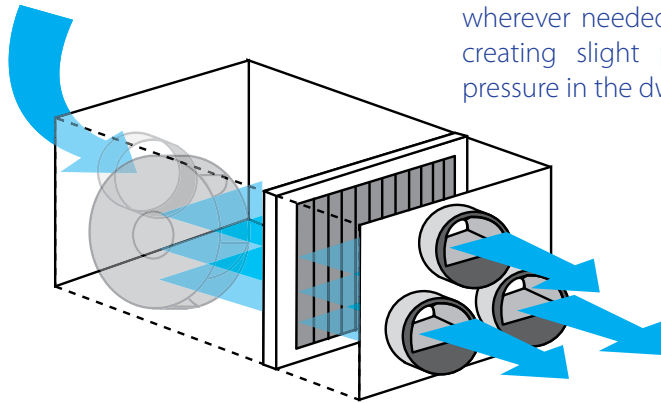


ELECTRICAL AND AIRFLOW PERFORMANCE

Model	Nominal RPM	HP	Volts	Watts at .2" Ps	MAX. AMPS	CFM vs. Static Pressure*				
						0"	.2"	.4"	.6"	.8"
DSVS-100	3135	0.05	120	37	0.32	130	110	95	74	50

*Certified airflow rating at 0.2" w.g. is derated from actual test results per HVI Certification procedure 920.

The DSVS provides precisely regulated, filtered, fresh air wherever needed as well as creating slight positive air pressure in the dwelling.



REGULATE

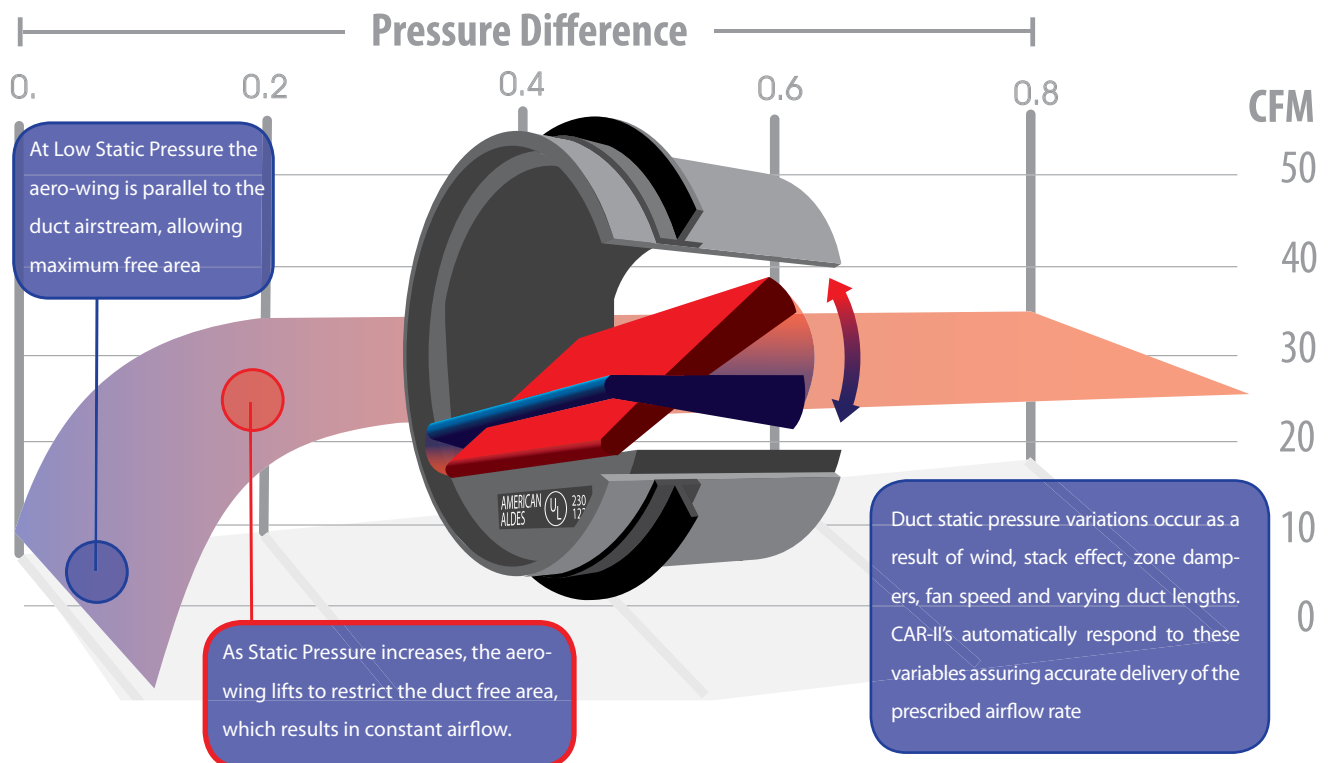
HOW DO OUR VS FANS REGULATE AIRFLOW?

One of the most unique features of the VS Series Fan is their ability to automatically balance and regulate the amount of outdoor and return air required for each installation. This is accomplished by the integral Constant Airflow Regulators (CAR's and CAR-II's) located at each duct takeoff.

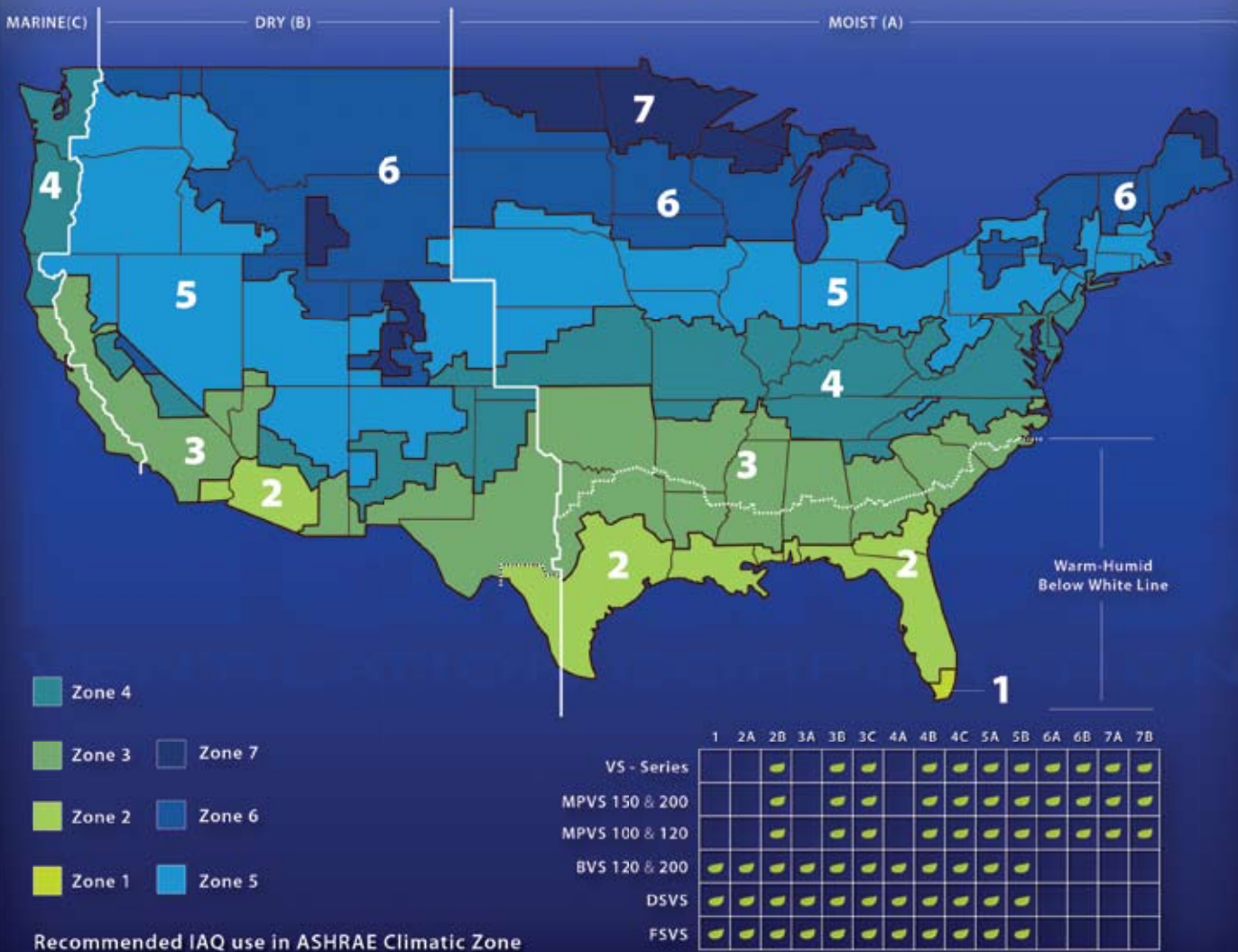
Each CAR includes a modulating damper that responds to variable pressure conditions caused by the fan's operating speed, length of attached duct, and wind, to control precise airflow rates at all times. This eliminates the need for on-site airflow balancing and fan speed adjustments, and provides the VS Line with a plug-and-play feature not found in other multiple ducted fan systems.



HOW THE CAR-II WORKS



ASHRAE Climatic Guide + Matrix



APPLICATION GUIDE & MATRIX

	METHOD				APPLICATION					
	Intermittent Exhaust	Continuous Exhaust	Continuous Supply	VentZone	Bath Exhaust	Kitchen Exhaust	Whole House IAQ	Homes	Apartments	
VS-Series	Commonly Used	Commonly Used	Commonly Used	Used Sometimes	Commonly Used	Commonly Used	Commonly Used	Commonly Used	Commonly Used	
MPVS 150 & 200	Commonly Used	Commonly Used	Commonly Used		Commonly Used	Commonly Used	Commonly Used	Commonly Used	Commonly Used	
MPVS 100 & 120			Commonly Used		Commonly Used	Commonly Used	Commonly Used	Commonly Used	Commonly Used	
BVS 120 & 200				Commonly Used			Commonly Used	Commonly Used	Commonly Used	
DSVS				Commonly Used			Commonly Used	Commonly Used	Commonly Used	
FSVS				Commonly Used			Commonly Used	Commonly Used	Commonly Used	

Commonly Used Used Sometimes



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