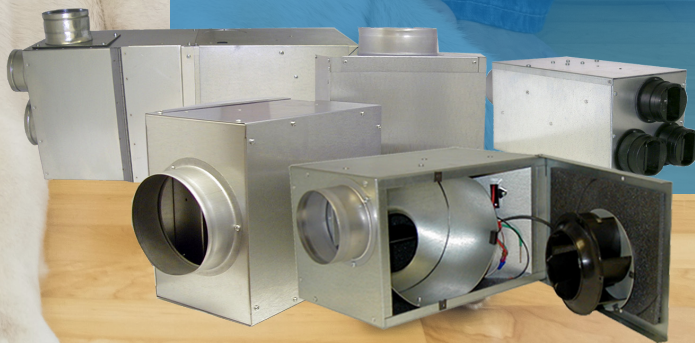




# Ventergy® Series Fans

Single- and Multi-Port  
Ventilators

80-260 CFM



aldes

# Ventergy® Series Fans

American Aldes Ventergy® Series Fans are the perfect combination of ventilation performance, energy efficiency, and application flexibility. Whether they are used for whole-house IAQ ventilation or targeted exhaust ventilation, each model is engineered to be the highest performing ventilator available. Most Ventergy® Series models are ENERGY STAR certified, which means they represent the best airflow-to-power ratio of any fan in the industry. Ventergy® Series continuous-duty rated fans are ideal for homes, apartments, and general purpose use in any climate or region.

# Features

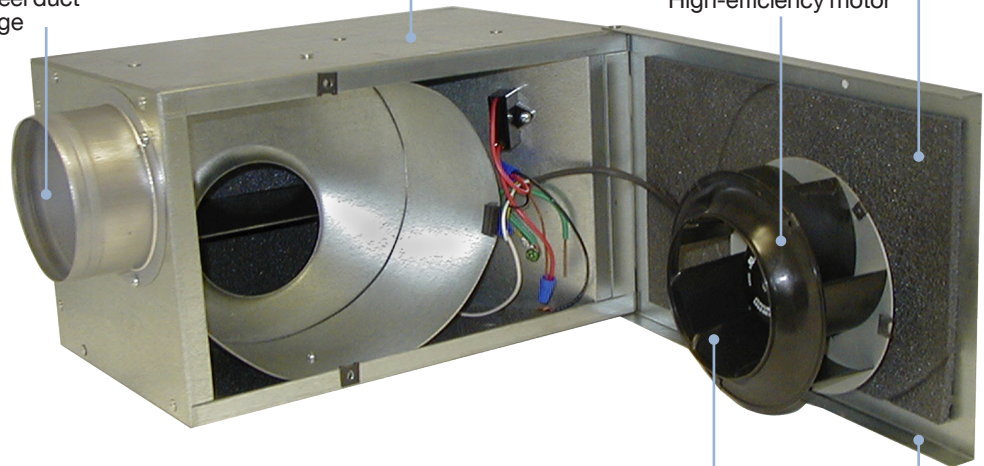
## Exhaust Models

Seamless stamped-steel duct collars eliminate leakage

Heavy-gauge G90 galvanized steel construction

Internally insulated with acoustic vapor barrier insulation

High-efficiency motor



Backward-inclined impeller allows for continuous operation and prevents dirt build-up

Drop-down hinged motor access panels for easy service

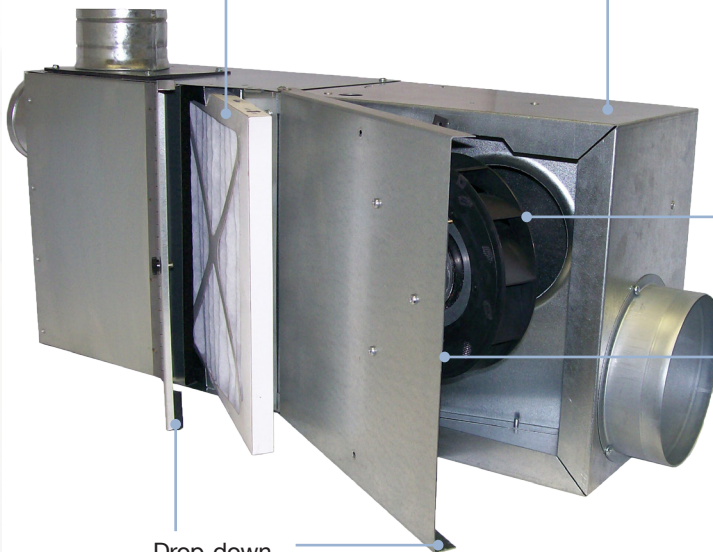
## Supply Models

MERV 8 filter

Heavy-gauge G90 galvanized steel construction












































Quiet, continuous-duty, energy-efficient, external-rotor motor with permanently sealed ball bearings for dependable performance

Internally insulated with acoustic vapor barrier insulation



Drop-down hinged motor and filter access panels for easy service

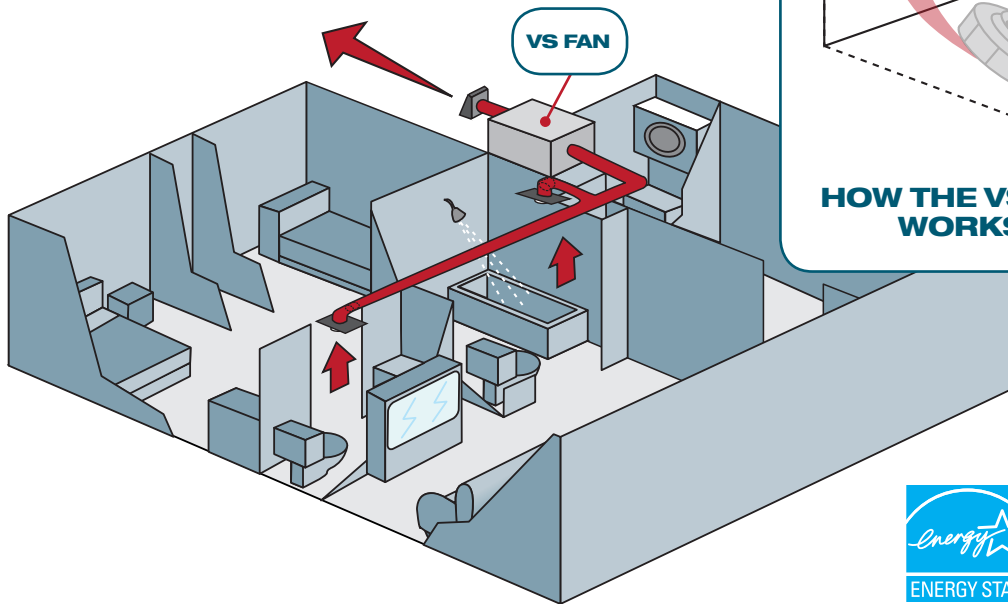
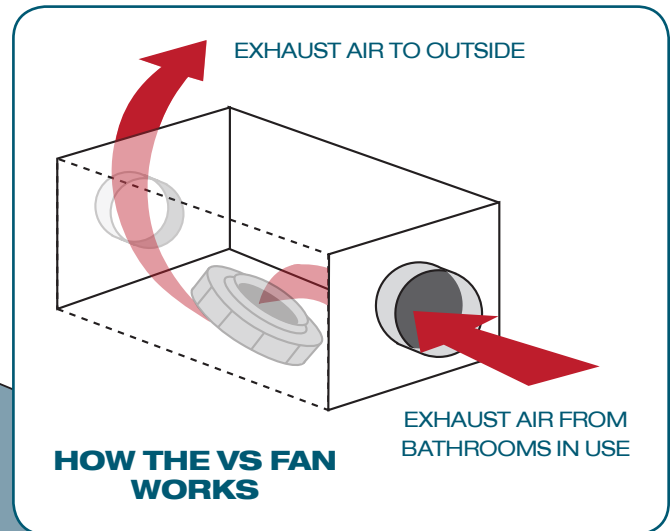
# Ventergy® Series Fans

		Exhaust			Supply		
		VS Series	MPVS100 & 120	MPVS150 & 200	BVS120 & 200	FSVS140	DSVS100
CFM at 0.2" w.g.	80-130						
	131-180						
	181-230						
	231-280						
Filter	Yes						
	No						
Dimensions (L x W x H)	12" x 8" x 8"						
	12-1/2" x 8" x 8"						
	13-1/2" x 12" x 8"						
	21" x 8" x 8"						
	26-1/2" x 12" x 8"						
Typical Operation	Intermittent						
	Continuous						
Application	Bath Exhaust						
	Kitchen Exhaust						
	Whole-House IAQ						

# VS Series IN-LINE VENTILATORS

Ventergy® Series VS Series In-line Ventilators are a superb choice for exhausting stale air from bathrooms, kitchens, laundry rooms, and garages. These fans are powerful enough to exhaust two rooms yet small enough to fit in tight spaces. By design, VS fans are exceptionally quiet, and they can be remote-mounted to ensure that occupants perceive no noise during fan operation.

Models VS4, VS6, and VS6 MAX meet ENERGY STAR efficiency criteria for low energy consumption.



\*VS4, VS6, and VS6 MAX only



## VS FAN FEATURES

- For intermittent or continuous use
- Low power consumption
- Condensation-proof IAQ lined cabinet
- Whisper-quiet operation
- Compact dimensions
- Ideal for zoning applications
- 100% speed controllable
- Easy-to-access motor / impeller

## ELECTRICAL AND AIRFLOW PERFORMANCE\*

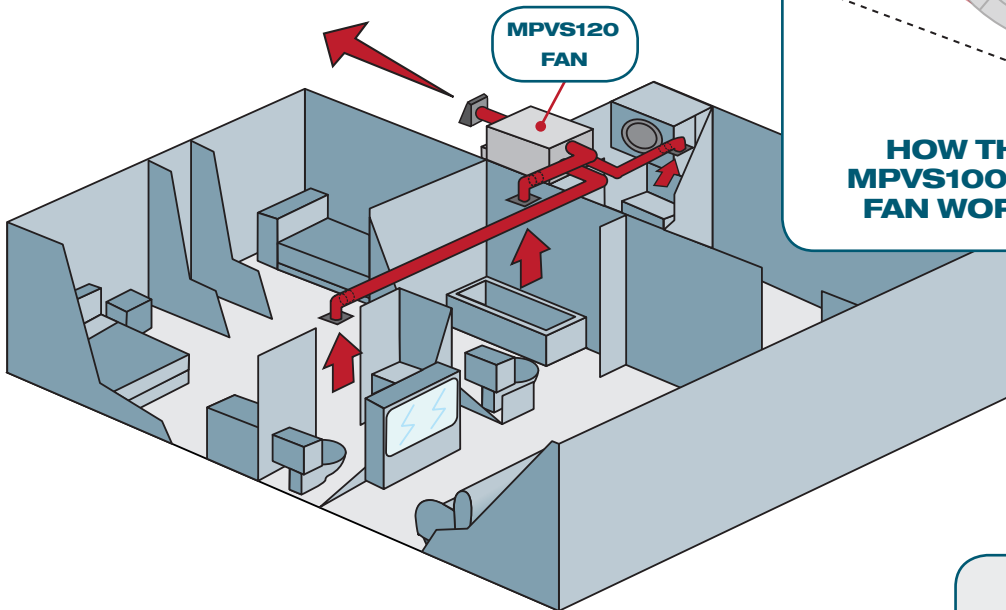
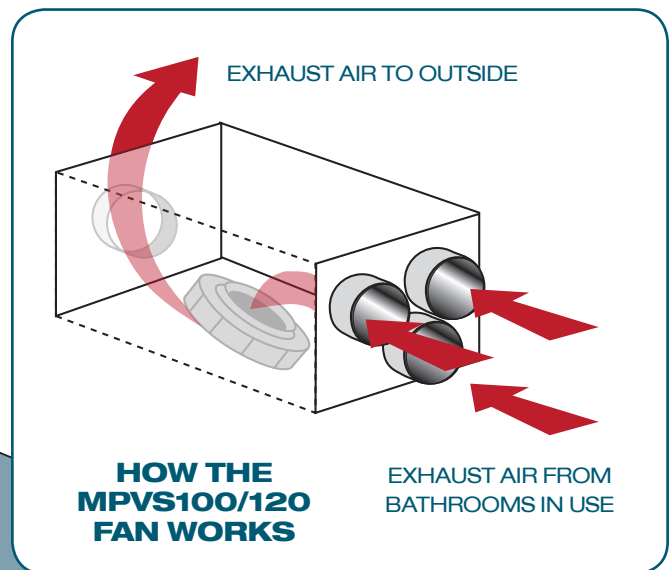
Model	Watts at 0.2" Ps	CFM vs. Static Pressure										ENERGY STAR Certified
		0"	0.2"	0.4"	0.6"	0.8"	1.0"	1.2"	1.4"	1.6"		
VS4	21.3	101	82	62	42	18	--	--	--	--	✓	
VS4 MAX	38.1	138	122	106	87	66	39	--	--	--		
VS6	40.1	220	178	141	105	78	46	19	--	--	✓	
VS6 MAX	63.3	287	261	234	205	178	151	120	89	38	✓	

\* Certified airflow rating at 0.2" w.g. is derated from actual test results per HVI Certification procedure 920. The HVI Certified Rate for VS4 = 80 CFM, VS4 MAX = 120 CFM, VS6 = 170 CFM, VS6 MAX = 260 CFM. Certified performance ratings do not account for the effects of accessories or optional balancing dampers.

# MPVS100 & MPVS120 MULTI-PORT EXHAUST VENTILATORS

Ventergy® Series Multi-Port Ventilators (MPVS) can be used for central, continuous exhaust ventilation of bathrooms, kitchens, laundry rooms, and other rooms where humidity is a controlling factor. Unlike traditional bathroom fans that clutter the roofline with penetrations, these fans have a single exhaust discharge duct. Exhaust air can be drawn from two-to-four spaces using just one MPVS fan. Their compact, in-line design allows for remote mounting and supremely quiet performance.

The MPVS100 meets ENERGY STAR efficiency criteria for low energy consumption.



## ELECTRICAL AND AIRFLOW PERFORMANCE\*

Model	Watts at 0.2" Ps	CFM vs. Static Pressure						ENERGY STAR Certified
		0"	0.2"	0.4"	0.6"	0.8"	1.0"	
MPVS100	20.8	108	88	68	48	25	--	✓
MPVS120	37.5	143	128	111	95	74	45	

\* Certified airflow rating at 0.2" w.g. is derived from actual test results per HVI Certification procedure 920. The HVI Certified Rate for MPVS100 = 80 CFM, MPVS120 = 120 CFM. Certified performance ratings do not account for the effects of accessories or optional balancing dampers.

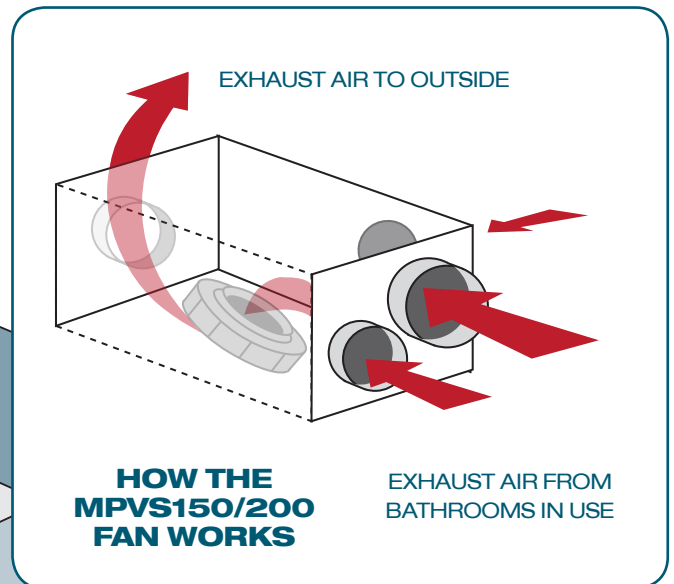
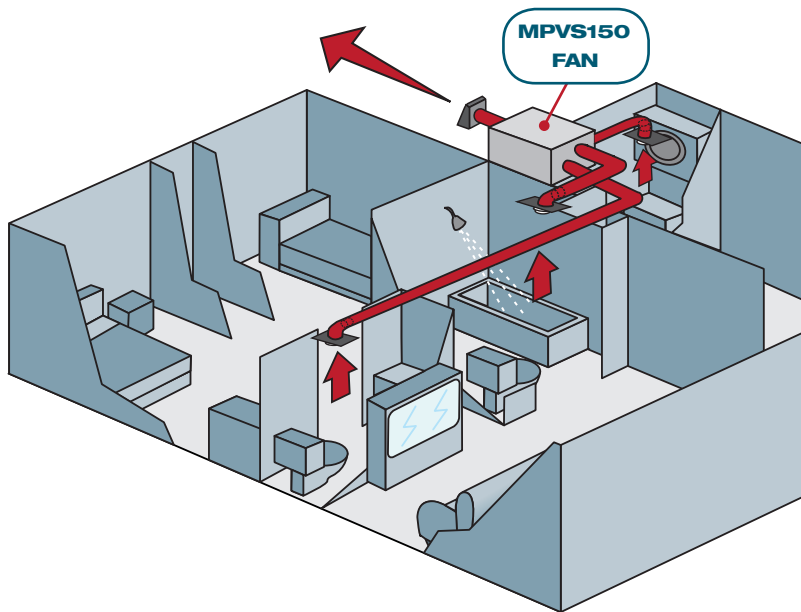
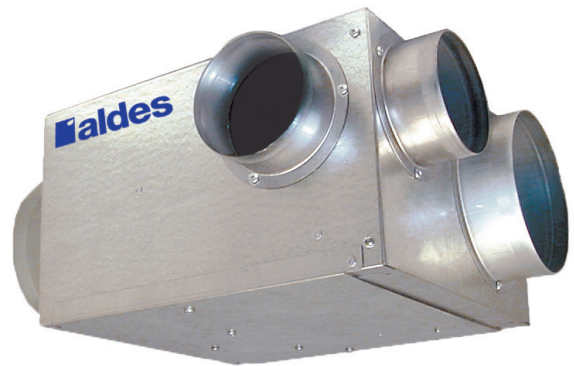
## MPVS100/120 FEATURES

- 2-4 exhaust points
- Ideal for continuous use
- Low power consumption
- Condensation-proof IAQ lined cabinet
- Whisper-quiet operation
- Compact dimensions
- Single exterior penetration
- Easy-to-access motor / impeller

# MPVS150 & MPVS200 MULTI-PORT EXHAUST VENTILATORS

Ventergy® Series Multi-Port Ventilators (MPVS) can be used for central, continuous exhaust ventilation of bathrooms, kitchens, laundry rooms, and other rooms where humidity is a controlling factor. The multi-port design, coupled with powerful-yet-efficient motors, allows a single MPVS fan to quietly exhaust two-to-four spaces. By eliminating the need for multiple exhaust fans, the MPVS makes it possible to have a single exterior exhaust penetration.

The MPVS150 and the MPVS200 meet ENERGY STAR efficiency criteria for low energy consumption.



- ### MPVS150/200 FEATURES
- 2-4 exhaust points
  - For intermittent or continuous use
  - ENERGY STAR Certified
  - Low power consumption
  - Condensation-proof IAQ lined cabinet
  - Whisper-quiet operation
  - Compact dimensions
  - Single exterior penetration
  - Easy-to-access motor / impeller

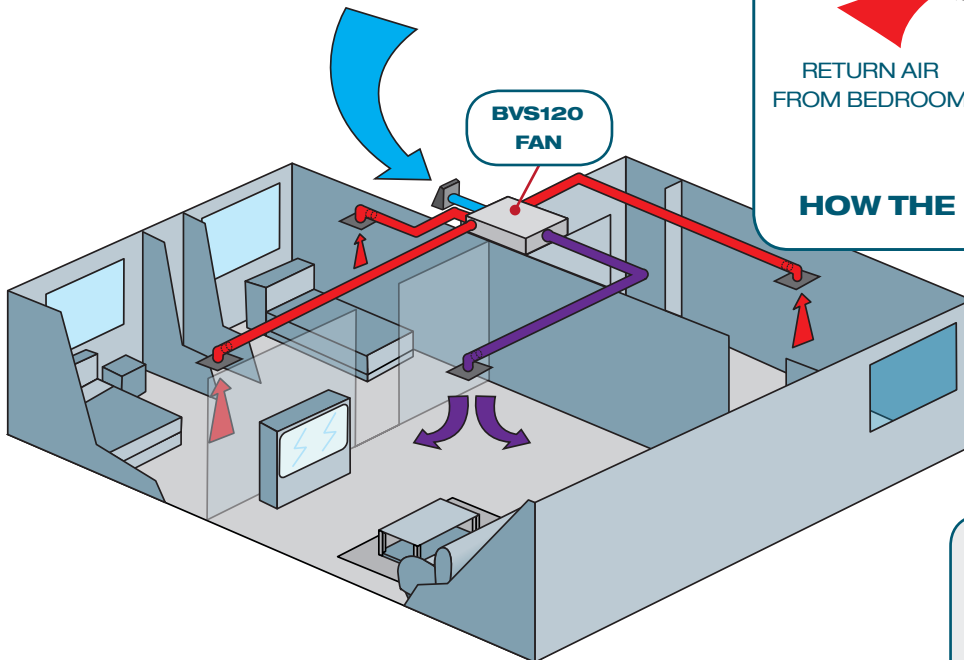
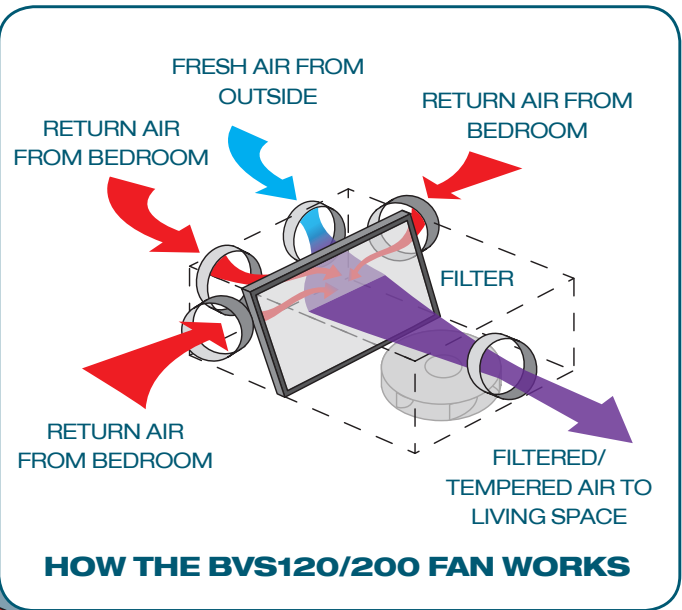
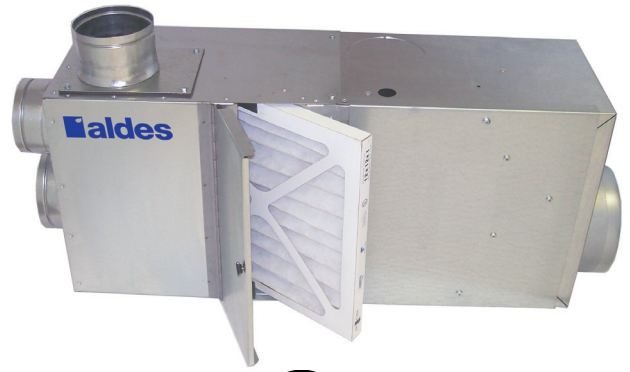
ELECTRICAL AND AIRFLOW PERFORMANCE*											
Model	Watts at 0.2" Ps	CFM vs. Static Pressure									ENERGY STAR Certified
		0"	0.2"	0.4"	0.6"	0.8"	1.0"	1.2"	1.4"	1.6"	
MPVS150	39.9	212	172	133	101	71	49	17	--	--	✓
MPVS200	62.5	287	257	227	198	168	136	100	65	24	✓

\* Certified airflow rating at 0.2" w.g. is derated from actual test results per HVI Certification procedure 920. The HVI Certified Rate for MPVS150 = 170 CFM, MPVS200 = 250 CFM. Certified performance ratings do not account for the effects of accessories or optional balancing dampers.

# BVS120 & BVS200 BLENDING/FILTERING VENTILATORS

Ventergy® Series Blending/Filtering Ventilators (BVS) are great solutions for bringing fresh air into tightly constructed homes. As outside air enters the BVS, it mixes with return air from up to five bedrooms or other areas that are typically not served by a central thermostat. The resulting tempered air passes through a filter before being distributed to living areas. The BVS is an efficient way to enhance thermal comfort. By slightly pressurizing the structure, the BVS prevents the introduction of contaminants and reduces the risk of backdrafting heating appliances, water heaters, and fireplaces.

The BVS120 and BVS200 meet ENERGY STAR efficiency criteria for low energy consumption.



ELECTRICAL AND AIRFLOW PERFORMANCE*								
Model	Watts at 0.2" Ps	CFM vs. Static Pressure						ENERGY STAR Certified
		0"	0.2"	0.4"	0.6"	0.8"	1.0"	
BVS120	34.2	184	148	115	85	55	26	✓
BVS200	56.6	247	222	192	164	136	101	✓

\* Certified airflow rating at 0.2" w.g. is derived from actual test results per HVI Certification procedure 920. The HVI Certified Rate for BVS120 = 140 CFM, BVS200 = 220 CFM. Certified performance ratings do not account for the effects of accessories or optional balancing dampers.

- ### BVS120/200 FEATURES
- 2-4 intake points
  - Ideal for continuous use
  - Low power consumption
  - ENERGY STAR Certified
  - Condensation-proof IAQ lined cabinet
  - Whisper-quiet operation
  - Compact dimensions
  - 100% speed controllable
  - Easy-to-access filter / motor / impeller
  - Multiple filter options



# FSVS140 FILTERING SUPPLY VENTILATORS

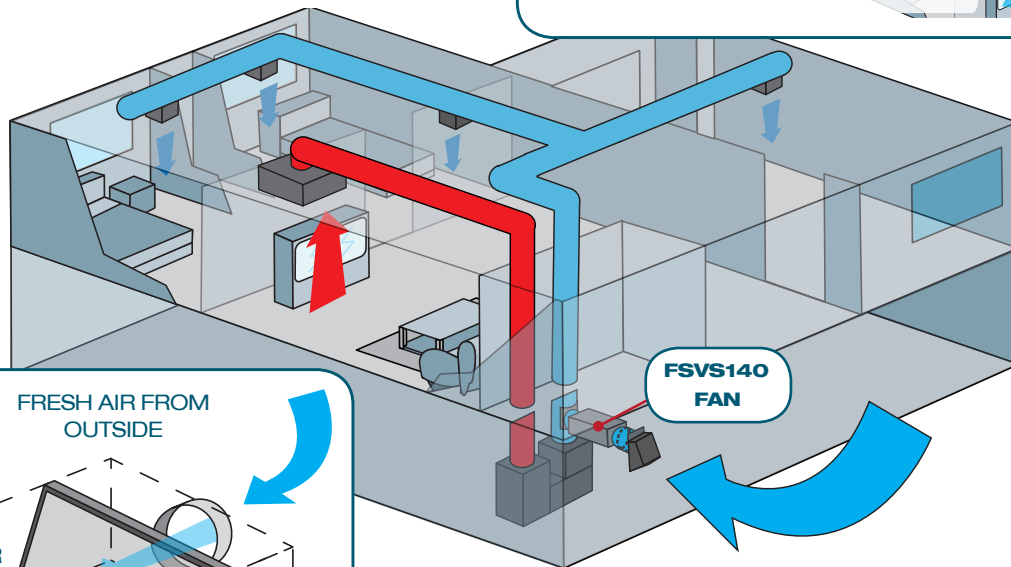
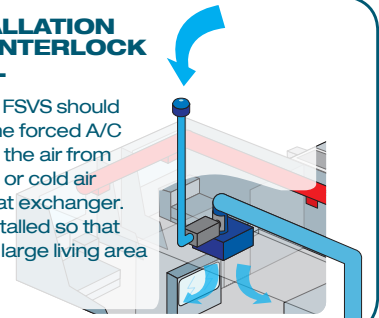
Ventergy® Series Filtering Supply Air Ventilators (FSVS) are designed to provide precise amounts of outdoor air to the occupied space. Fresh air passes through a filter before being distributed, either via the supply stream of a forced-air unit, or through an overhead return in the main living area. The low-volume fresh air provided by the FSVS140 keeps indoor air quality high, and the space stays positively pressurized to avoid backdrafts and unwanted infiltration.

The FSVS140 meets ENERGY STAR efficiency criteria for low energy consumption.



### ALTERNATE INSTALLATION FOR NON-AHU FAN INTERLOCK CONTROL

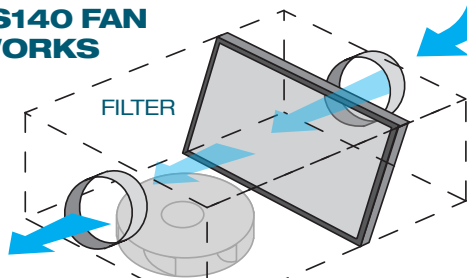
For continuous operation, the FSVS should be installed separately from the forced A/C system to prevent moisture in the air from condensing inside cold ducts, or cold air coming in contact with the heat exchanger. In the example at right, it is installed so that fresh air is introduced into the large living area via the overhead return.



FSVS140  
FAN

### HOW THE FSVS140 FAN WORKS

FRESH AIR FROM  
OUTSIDE



FILTERED FRESH AIR  
TO FORCED-AIR UNIT

### ELECTRICAL AND AIRFLOW PERFORMANCE\*

Model	Watts at 0.2" Ps	CFM vs. Static Pressure						ENERGY STAR Certified
		0"	0.2"	0.4"	0.6"	0.8"	1.0"	
FSVS140	32.3	178	144	110	79	51	22	✓

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

The HVI Certified Rate for FSVS140 = 140 CFM.

Certified performance ratings do not account for the effects of accessories or optional balancing dampers.

### FSVS140 FEATURES

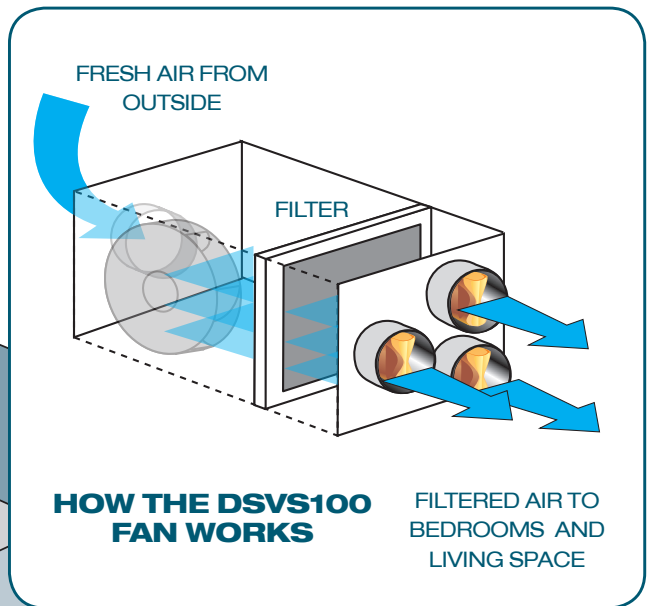
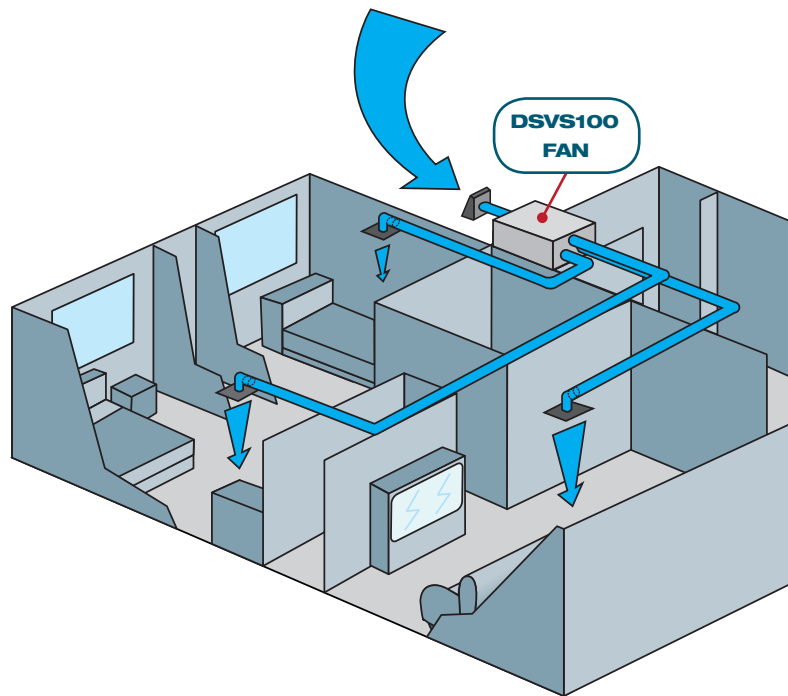
- Low power consumption
- ENERGY STAR Certified
- Condensation-proof IAQ lined cabinet
- Whisper-quiet operation
- Compact dimensions
- 100% speed controllable
- Easy-to-access filter / motor / impeller
- Multiple filter options

# DSVS100 DISTRIBUTING SUPPLY AIR VENTILATORS

Ventergy® Series Distributing Supply Air Ventilators (DSVS) provide fresh air to bedrooms and living areas. Outside air is filtered and distributed to two-to-four spaces. Optional passive airflow control regulators (CAR Classics) can be installed in the supply duct. These devices automatically adjust to pressure fluctuations in the system, ensuring precise air volumes. The DSVS prevents unwanted infiltration through the building envelope and creates a positive-pressure situation that reduces the risk of backdrafts from heating appliances, water heaters, and fireplaces.



The DSVS is an optimal solution for homes without central forced-air heating or cooling systems.

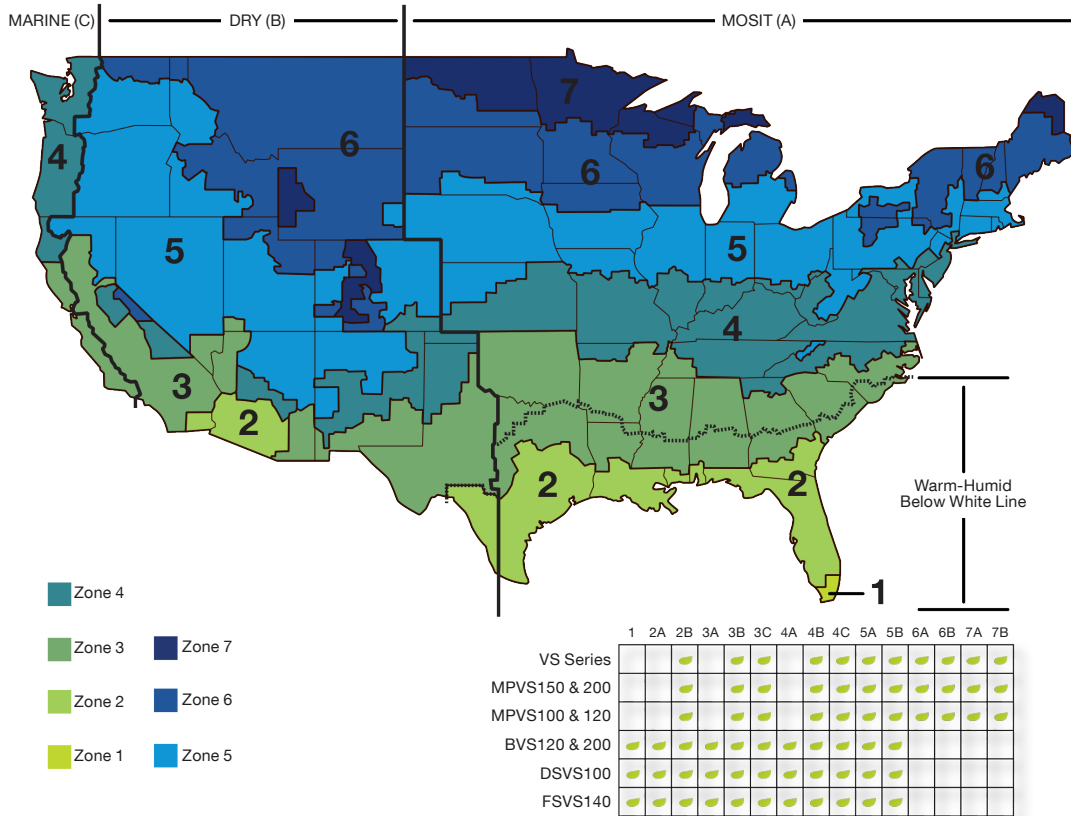


ELECTRICAL AND AIRFLOW PERFORMANCE*							
Model	Watts at 0.2" Ps	CFM vs. Static Pressure					
		0"	0.2"	0.4"	0.6"	0.8"	1.0"
DSVS100	37.1	130	112	94	73	50	20

\* Certified airflow rating at 0.2" w.g. is derived from actual test results per HVI Certification procedure 920. The HVI Certified Rate for DSVS100 = 110 CFM. Certified performance ratings do not account for the effects of accessories or optional balancing dampers.

- ### DSVS100 FEATURES
- 2-4 supply points
  - Ideal for continuous use
  - Low power consumption
  - Condensation-proof IAQ lined cabinet
  - Whisper-quiet operation
  - Compact dimensions
  - 100% speed controllable
  - Easy-to-access filter / motor / impeller
  - Precise airflow rates from CAR Classics

# ASHRAE Climate Guide & Matrix



## System Solutions

Turn your Ventergy® Series Fan into a System Solution by ordering one of these specially designed kits.

Ventilator	Kit	Description	Includes
VS4 or VS6	SBFK	Single-Port Bath Fan Kit	Deco Grilles, Wye, and Universal Sleeve with Backdraft Damper
MPVS120	IAQ-MPVS	Multi-Port Ventilator Kit for Continuous Exhaust	Constant Airflow Regulators (CAR Classic), Deco Grilles, and Universal Sleeves
MPVS150	VZ	VentZone® Zoned Intermittent Bath Exhaust Kits	Zone Register Terminals (ZRT) for zone-based on-demand boost ventilation
MPVS150	VZ-IAQ	VentZone® IAQ Continuous Exhaust Ventilator Kit	Zone Register Terminals (ZRT) for low-continuous IAQ Ventilation and zone-based on-demand boost ventilation
MPVS150 or 200	MBFK	Multi-Port Bath Fan Kit	Algrilles and Universal Sleeves with Backdraft Dampers
BVS120 or 200	IAQ-BVS	Blending/Filtering Ventilator Kits	Constant Airflow Regulators (CAR-II), Algrilles, Deco Grilles, Universal Sleeves, Backdraft Dampers, Wyes, and Galvanized Steel Wall Hood
FSVS140	IAQ-FSVS	Filtering Supply Ventilator Kit for Continuous Exhaust	Galvanized Steel Wall Hood, Constant Airflow Regulators (CAR-II), or Variable Speed Controller
DSVS100	IAQ-DSVS	Distributing Supply Ventilator Kit for Continuous Supply	Constant Airflow Regulators (CAR Classic), Algrilles, Galvanized Steel Wall Hood, and Universal Sleeves

[www.aldes.us](http://www.aldes.us)

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