

WhisperGreen® Select™ Ventilation Fans and Fan/Lights

WhisperGreen® Select™ VENTILATION FAN

Fan Only Models: FV-05-11VKS1,
FV-05-11VK1, FV-11-15VK1
Fan/Light Models: FV-05-11VKSL1,
FV-05-11VKL1, FV-11-15VKL1



- Customizable, all-in-one fan and fan/LED light combinations
- Pick-A-Flow™ Speed Selector – one fan, you choose the CFM (50-80-110 or 110-130-150 CFM models)
- Unique Plug 'N Play modules provide up to three value-added features
- Revolutionary ECM motor with SmartFlow™ technology ensures optimal CFM output
- Replaceable, GU24 base LED lamps provide warm, energy efficient illumination
- Flex-Z Fast™ bracket provides flexible, fast and easy installation
- Can be used to comply with ASHRAE 62.2, LEED, CALGreen and ENERGY STAR® for Homes 3.0

ADDITIONAL BENEFITS

- Integrated dual 4" or 6" duct adaptor (up to 110 CFM models)
- Built-in metal flange provides blocking for penetrations through drywall as an air barrier, and assists with the decrease in leakage in the building envelope during blower door testing
- Fits in 2 x 8 construction
- Protected by UL Class 2 Power Unit
- UL listed for tub/shower enclosure when used with a GFCI protected circuit
- 6 year warranty on ECM motor, 5 years on LED, 3 years on parts



BUILT-IN SELF
ADJUSTING AIRFLOW
CAPABILITY



One Fan – Endless Possibilities.

The all-purpose, customizable IAQ solution for virtually any application

WhisperGreen® Select™ is a ground-breaking IAQ solution that is revolutionizing the ventilation fan industry with a new set of features that enable customization and easier installation. To the builder and professional installer, Panasonic continues to be the innovation leader with high performance ventilation solutions that are built to last. WhisperGreen Select's unique design and superior energy efficiency are achieved through engineering expertise, provided by a company who sets the standard for quality and value.

WHISPERGREEN SELECT™ IS AS EASY AS 1-2-3!

Step 1: Select a Base Fan Model

Select a base model to start building the perfect IAQ solution that satisfies your ventilation design requirements.

Fan	Fan/Light
FV-05-11VKS1: 30 to 110 CFM integrated multi-speed	FV-05-11VKS1: 30 to 110 CFM integrated multi-speed + LED Light
FV-05-11VK1: 50-80-110 CFM single speed	FV-05-11VKL1: 50-80-110 CFM single speed + LED Light
FV-11-15VK1: 110-130-150 CFM single speed	FV-11-15VKL1: 110-130-150 CFM single speed + LED Light

Pick-A-Flow™ Speed Technology

Built-in Pick-A-Flow™ speed selector – one fan, you choose the CFM. Provides the unique ability to select your required airflow (50-80-110 and 110-130-150 CFM models) with the simple flip of a switch.

Step 2: Select Value Added Features*

WhisperGreen Select™ offers a unique set of Four* patented modules that allow you to further customize your fan:



Multi-Speed with Time Delay (FV-VS15VK1) – Allows you to select the proper CFM settings to satisfy ASHRAE 62.2 continuous ventilation requirements. The fan runs continuously at a pre-set lower level, then elevates to a maximum level of operation when the wall switch is turned on, or when the SmartAction® motion sensor or condensation sensor module is activated. A high/Low delay timer returns the fan to the pre-set CFM level after a period of time set by the user.



SmartAction® Motion Sensor (FV-MSVK1) – Automatically activates when someone enters the room. Once the settings have been applied, the fan becomes truly automatic, making it ideal for people with disabilities and assisted living environments such as nursing homes and retirement communities. This module also activates an automatic 20 minute delay off timer for the fan.



Condensation Sensor (FV-CSVK1) – Helps control bathroom condensation to prevent mold and mildew. Advanced sensor technology detects relative humidity and temperature to anticipate dew point, automatically turning the fan on to control humidity. Built-in Relative Humidity(RH) sensitivity adjustment enables fine tuning for moist conditions (30% to 80%, in 10% increments) and for satisfying CALGreen requirements. When the condensation sensor is used in conjunction with multi-speed functionality, the fan will kick up to high speed when the condensation sensor detects moisture in the room. This module also activates an automatic 20 minute delay off timer for the fan.



NiteGlow™ LED Night Light (FV-NLVK1) – A specialized photocell feature automatically turns on the 1 watt LED night light when darkness is sensed in the room. Hi/Low brightness switch enables you to fine tune the photo cell to work in conjunction with the darkness level of your bathroom. This module also activates an automatic 20 minute delay off timer for the fan.

*Select up to 3 value added features.

Step 3: Install Your Ideal Fan with the New! Flex-Z Fast™ Installation System



Fold up articulating joints to easily position bracket in between the joist and/or through ceiling hole.



Fold articulating joints back down in preparation for installation



Extend bracket to desired length.

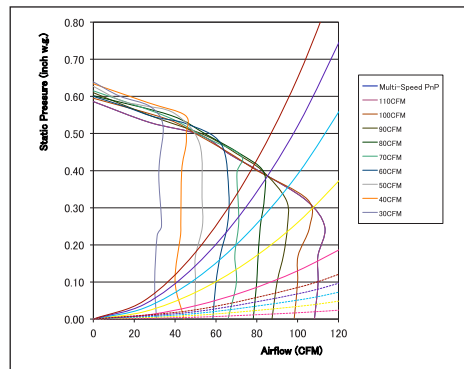
Ingeniously designed installation bracket provides flexible, fast and easy installation for all your new construction or renovation projects.

Installed Performance and Quiet Operation at 0.25" w.g. Static Pressure

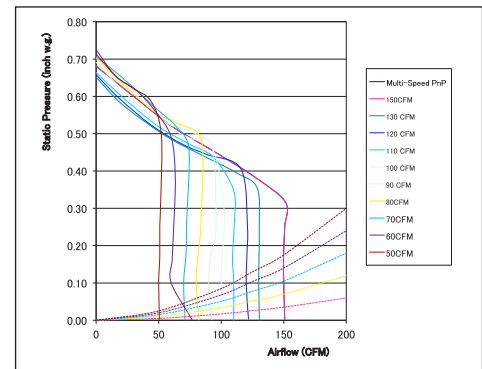
ASHRAE, ENERGY STAR®, LEED for Homes, and HVI have set the industry standard for performance measurement at 0.25" w.g. WhisperGreen® Select™ fans not only provide powerful CFM output at 0.25" w.g., but our soles have also been certified at 0.25" w.g. so they are quiet under pressure and after installation.



FV-05-11VK1



FV-11-15VK1



Specifications	WhisperGreen [®] Select™ (Fan Only Models)												WhisperGreen [®] Select™ (Fan Only Models)										
	Base Fan												Base Fan with Light										
	FV-05-11VK1						FV-11-15VK1						FV-11-15VK1					FV-11-15VK1					
Characteristics (HVI tested data for 0.1" S.P.)	Static Pressure in inches w.g.	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25
	Air Volume (CFM)	110	113	80	82	50	53	150	151	130	130	110	110	110	113	100	106	90	95	80	82	70	70
	Noise (sones)	<0.3	0.8	<0.3	0.4	<0.3	<0.3	<0.3	0.7	<0.3	0.5	<0.3	<0.3	<0.3	0.8	<0.3	0.7	<0.3	0.6	<0.3	0.4	<0.3	<0.3
	Power Consumption (watts)	9.8	16.1	5.4	10.2	3.2	6.5	12.7	21.7	9.5	16.8	6.6	12.7	9.8	16.1	8.0	14.0	6.5	11.7	5.5	10.2	4.0	4.0
	Energy Efficiency (CFM/Watt)	11.5	7.2	15.3	8.4	15.1	8.1	11.5	6.8	13.1	7.8	15.7	8.2	11.5	7.2	13.0	7.9	14.5	8.5	15.3	8.4	17.0	17.0
	Speed (RPM)	931	1205	814	1131	747	1072	664	904	635	891	616	889	931	1205	895	1179	852	1146	814	1131	770	770
	Current (amps)	0.10	0.16	0.06	0.10	0.04	0.07	0.13	0.21	0.10	0.17	0.07	0.13	0.10	0.16	0.09	0.14	0.07	0.12	0.06	0.10	0.06	0.06
	MAX. Current (amps)	0.27						0.33															
	Power Rating (W/Hz)	120/60						120/60															
Specifications	Motor Type	ECM						ECM															
	Type of Motor Bearing	Ball						Ball															
	Thermal Fuse Protection	Yes						Yes															
	Blower Wheel Type	Sirocco						Sirocco															
	ENERGY STAR Qualified	Yes						Yes															
Installation	Duct Diameter (Inches)	4 & 6						6															
	Mounting Opening (Inches sq.)	10-1/2						10-1/2															
	Grille Size (Inches sq.)	13						13															
Light Specifications	Lamp Watts	N/A						N/A															
	Lumens (lm)	N/A						N/A															
	Lumens Per Watt (LPW)	N/A						N/A															
	Color Rendering Index	N/A						N/A															
	Color Temperature (Kelvin)	N/A						N/A															
	Rated Life (hours)	N/A						N/A															
	Lamp Model #	N/A						N/A															
	Type of Lamp Socket	N/A						N/A															
Night Light Specs	Night Light Watts	N/A*						N/A*															
Shipping	Gross Weight (lbs)	11.90						13.45															
Approved Code/ Standard/Regulation	UL tub/Shower Enclosure	Yes						Yes															
	Washington VIAQ Code	Yes						Yes															
	California Title 24 Compliant	Yes						Yes															
	Mfg in ISO 9001 Certified Facility	Yes						Yes															

*Light specs may change. **Night Glo™ LED Night Light module is available.

NOTE: 0.25" w.g. = Installed Performance



ECM Motor with SmartFlow™ Technology

WhisperGreen[®] Select™ features the same revolutionary ECM motor that comes with our WhisperGreen line of products. With built-in SmartFlow™ technology, WhisperGreen[®] Select™ is designed to perform as rated, providing precision ventilation. When the fan senses static pressure, its speed is automatically increased to ensure optimal CFM output. This feature provides peace of mind, as the installer doesn't have to worry about compromising the fan's performance.