

WhisperGreen® Select™ Ventilation Fans and Fan/Lights

WhisperGreen[®] Select[™]
VENTILATION FAN

Fan Only Models: FV-0511VK2,
FV-0511VKS2, FV-1115VK2

Fan/Light Models: FV-0511VKL2,
FV-0511VKSL2, FV-1115VKL2



Powerful CFM output overcomes
0.375" static pressure to effectively
remove moist, polluted air*



- Precision, whole-house ventilation solution ideal for use in the bathroom, laundry room, sun room, basement or garage
- Customizable, all-in-one fan and fan/dimmable LED light combinations
- Pick-A-Flow Airflow Selector (50-80-110 or 110-130-150 CFM models) combined with SmartFlow™ technology simplifies the selection process and ensures optimum performance to meet code and reduce callbacks
- Elegant grille design complements the aesthetics of any room
- Single-hinged Flex-Z Fast™ bracket provides flexible, fast and easy installation
- Can be used to comply with ASHRAE 62.2, LEED, CALGreen, IAP, California Title 24, WA Ventilation Code and ENERGY STAR for Homes 3.0

ADDITIONAL BENEFITS

- Environmentally friendly 26 gauge Zinc-Aluminum-Magnesium (ZAM) housing
- Integrated 4" or 6" dual duct adapter enhances installation options / Fits in 2 x 8 construction
- 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
- Suitable for installation in ceilings insulated up to R60
- Dual access junction box simplifies wiring in tight spaces
- UL listed for tub/shower enclosure when GFCI protected
- UL listed for use with the Panasonic Ceiling Radiation Damper (model # PC-RD05C5)
- 6 year warranty on ECM motor, 5 years on LED, 3 years on parts

*Industry research indicates static pressure in typical installations ranges from 0.20" to 0.375".



BUILT-IN SELF
ADJUSTING AIRFLOW
CAPABILITY

reinventingventing.com



One Fan – Endless Possibilities.

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

WhisperGreen® Select™ is a powerful IAQ solution that has revolutionized the ventilation fan industry with a unique set of features. 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-0511VK2: 50 to 110 CFM single speed	FV-0511VKL2: 50 to 110 CFM single speed + LED Light
FV-0511VKS2: 30 to 110 CFM pre-installed multi-speed	FV-0511VKSL2: 30 to 110 CFM pre-installed multi-speed + LED Light
FV-1115VK2: 50 to 150 CFM single speed	FV-1115VKL2: 50 to 150 CFM single speed + LED Light

Pick-A-Flow™ Airflow Technology

Pick-A-Flow™ Airflow 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 three 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.



Multi-Speed with Time Delay (FV-VS15VK1)



SmartAction® Motion Sensor (FV-MSVK1)



Condensation Sensor (FV-CSVK1)

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



Single-hinged articulating joints to easily position bracket in between the joist and/or through ceiling hole.



Easily position bracket in between the joist or ceiling hole.

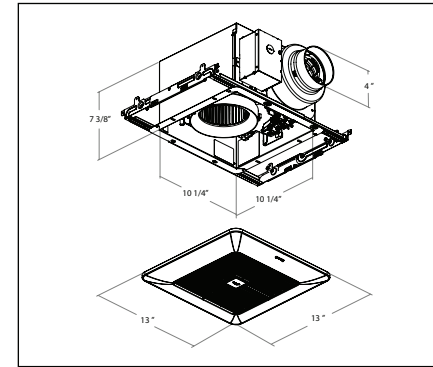
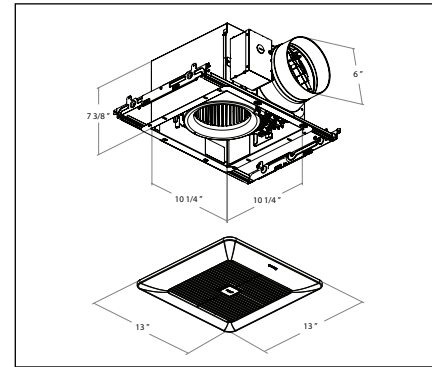
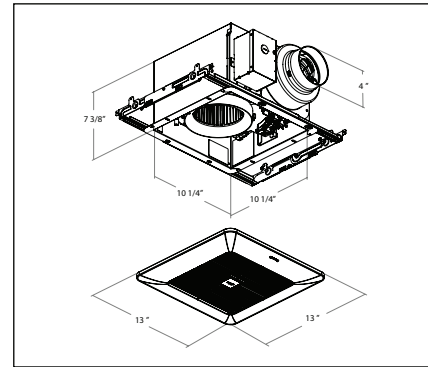
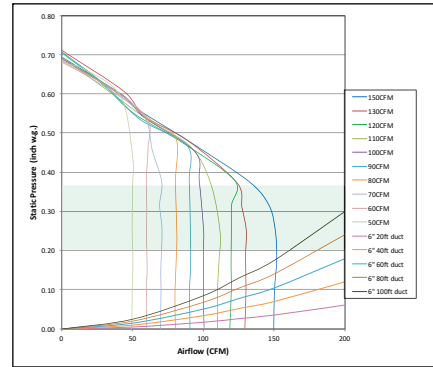
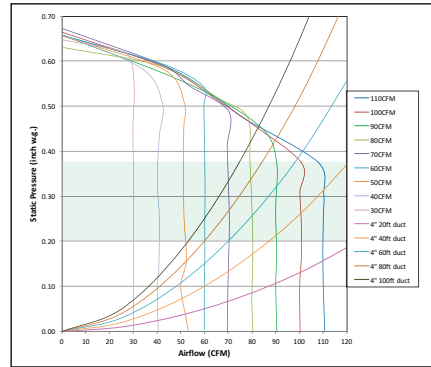
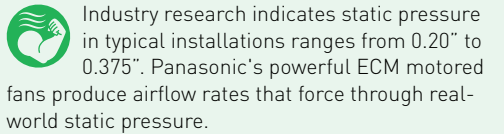


Extend bracket to desired length.

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

Superior Installed Performance up to 0.375" and Certified Quiet Operation at 0.25" Static Pressure

Although ASHRAE, ENERGY STAR®, LEED for Homes, and HVI have set the industry standard for performance measurement at 0.1" and 0.25", WhisperGreen® Select™ fans provide powerful CFM output at 0.375" that is more representative of typical installations. Sones have also been certified at 0.25" to provide a more realistic, installed value, so they are quiet under pressure and after installation.



*Industry research indicates static pressure in typical installations ranges from 0.20" to 0.375"



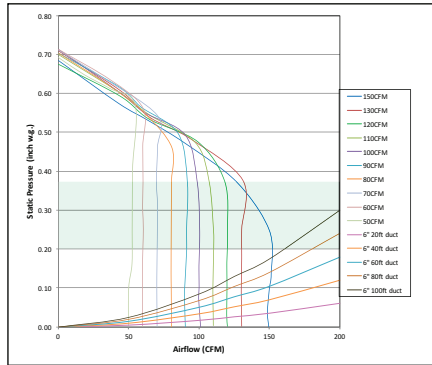
WhisperGreen® Select™ is designed to perform as rated. When the fan senses static pressure, its speed is automatically increased to ensure optimal CFM output. This feature provides peace of mind, as the installer doesn't have to worry about compromising the fan's performance.

Includes a 10 Watt dimmable LED chip panel/3000 Kelvin Warm White/90CRI/700 lumens/70 LPW/ENERGY STAR® 2.0 certified/JA-8 compliant for CA Title 24/50,000 hours rated average life / <1W LED night light.

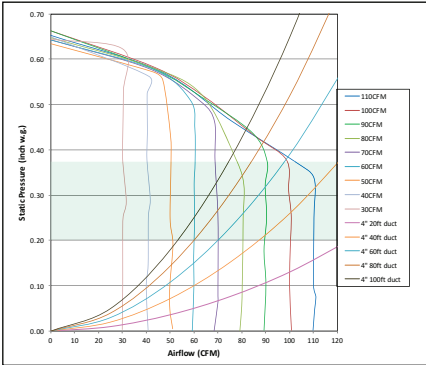


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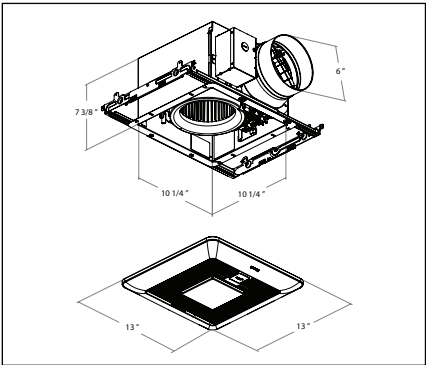
FV-1115VKL2



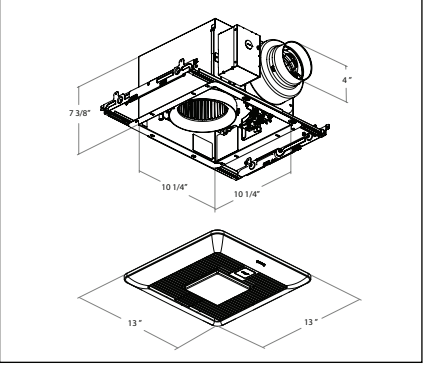
FV-0511VKSL2



FV-1115VKL2



FV-0511VKSL2



Specifications		WhisperGreen® Select™ (Fan/LED Light)																							
		Base Fan with LED Light																							
		FV-0511VKL2												FV-1115VKL2											
Characteristics (HVI tested data for 0.1" S.P.)	Static Pressure in inches w.g.	0.1	0.25	0.375	0.1	0.25	0.375	0.1	0.25	0.375	0.1	0.25	0.375	0.1	0.25	0.375	0.1	0.25	0.375	0.1	0.25	0.375	0.1	0.25	
	Air Volume (CFM)	110	110	103	80	80	78	50	50	50	150	150	127	130	130	131	110	110	107	110	110	103	100	101	
	Noise [sones]	0.4	0.9	-	<0.3	0.5	-	<0.3	0.4	-	0.4	0.8	-	<0.3	0.5	-	<0.3	0.3	-	0.4	0.8	-	<0.3	0.8	
	Power Consumption [watts]	10.5	15.8	19.4	5.3	9.9	13.8	3.2	6.2	9.9	14.9	22.5	23.8	10.4	17.9	25.4	7.5	13.4	18.8	10.5	15.8	19.4	8.2	13.6	
	Energy Efficiency [CFM/Watt]	10.5	6.9	5.2	15.3	8.2	5.6	15.7	8.1	5.1	10.1	6.7	5.3	12.5	7.2	5.1	14.6	8.2	5.7	10.5	6.9	5.2	12.2	7.4	
	Speed (RPM)	958	1203	1375	811	1127	1341	730	1066	1281	722	951	1105	682	932	1113	648	916	1108	958	1203	1375	908	1194	
	Current [amps]	0.11	0.16	0.19	0.06	0.10	0.14	0.04	0.07	0.06	0.15	0.22	0.23	0.11	0.18	0.25	0.08	0.14	0.19	0.11	0.16	0.19	0.09	0.14	
	MAX. Current [amps]	0.19												0.23											
Power Rating [V/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	10												10											
	Lumens [lm]	700lm per lamp*												700lm per lamp*											
	Lumens Per Watt [LPW]	70LPW												70LPW*											
	Color Rendering Index	90												90											
	Color Temperature [Kelvin]	3,000K												3,000K											
	Rated Life [hours]	50,000												50,000											
	Lamp Model #	N/A												N/A											
	Type of Lamp Socket	LED Chip												LED chip											
Night Light Specs	Night Light Watts	0.2												0.2											
Shipping	Gross Weight [lbs]	12.4												12.55											
Approved Code/ Standard/ Regulation	UL tub/Shower Enclosure	Yes												Yes											
	Washington VIAQ Code	Yes												Yes											
	Wall installation	No												No											
	California Title 24 Compliant	Yes												Yes											
	Mfg in ISO 9001 Certified Facility	Yes												Yes											

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WhisperGreen® Select™ (Fan/LED Light)																								
Base Fan with LED Light and Pre-Installed Multi-Speed																								
FV-0511VKSL2																								
0.375	0.1	0.25	0.375	0.1	0.25	0.375	0.1	0.25	0.375	0.1	0.25	0.375	0.1	0.25	0.375	0.1	0.25	0.375	0.1	0.25	0.375	0.1	0.25	0.375
99	90	90	90	80	80	78	70	70	69	60	60	60	50	50	50	40	41	40	30	30	30	30	30	30
-	<0.3	0.6	-	<0.3	0.5	-	<0.3	0.5	-	<0.3	0.4	-	<0.3	0.4	-	<0.3	0.4	-	<0.3	0.4	-	<0.3	0.4	-
18.0	6.7	11.6	15.9	5.3	9.9	13.8	4.6	8.7	12.3	3.7	7.2	10.4	3.2	6.2	9.9	2.7	5.5	8.1	2.5	4.8	7.0	7.0	7.0	7.0
5.5	13.5	7.8	5.7	15.3	8.2	5.6	15.8	8.4	5.8	16.2	8.4	5.8	15.7	8.1	5.1	14.8	7.4	4.9	12.0	6.3	4.3	4.3	4.3	4.3
1372	868	1160	1357	811	1127	1341	785	1118	1321	750	1082	1282	730	1066	1281	710	1062	1275	720	1067	1272	1272	1272	1272
0.18	0.08	0.12	0.16	0.06	0.10	0.14	0.06	0.10	0.13	0.05	0.08	0.11	0.04	0.07	0.10	0.04	0.07	0.09	0.04	0.06	0.06	0.08	0.08	0.08
0.19																								
120/60																								
ECM																								
Ball																								
Yes																								
Sirocco																								
Yes																								
4 & 6																								
10-1/2																								
13																								
10W																								
700lm per lamp*																								
70LPW*																								
90																								
3,000K																								
50,000																								
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