

Panasonic

WhisperGreen Select™ VENTILATION FAN

FV-05-11VKS1, FV-05-11VK1, FV-11-15VK1



FV-05-11VKS1, FV-05-11VK1, FV-11-15VK1



- Customizable, all-in-one fan and fan/LED light combinations
- Pick-A-Flow speed selector – one fan, you choose the CFM
- Unique Plug 'N Play modules provide up to three value added features
- Revolutionary DC 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, Cal-Green 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 DC motor, 5 years on LED, 3 years on parts



ADJUSTABLE AIRFLOW FOR
MAXIMUM PERFORMANCE



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-05-11VKSL: 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.



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 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.



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.

*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



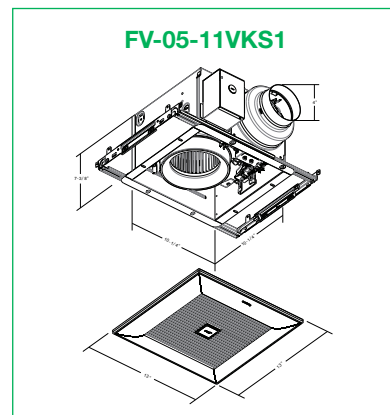
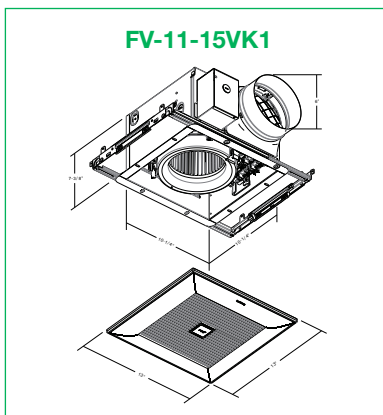
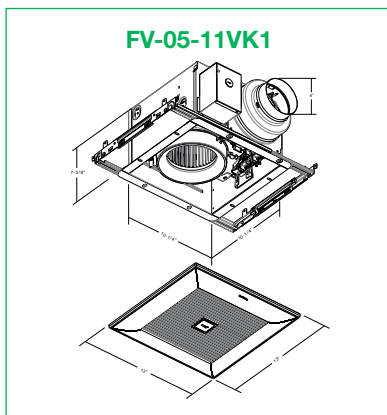
Extend bracket to desired length.

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

Installed Performance and Quiet Operation at .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. The WhisperGreen Select™ fans not only provide powerful CFM output at 0.25" w.g., but our sones have also been certified at 0.25" w.g. so they are quiet under pressure and after installation.

WhisperGreen Select Ventilation Fans



Select (Fan Only Models)

Integrated Multi-Speed

-05-11VKS1

0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25
70	71	60	66	50	53	40	43	30	33
<0.3	0.4	<0.3	0.3	<0.3	0.3	<0.3	<0.3	<0.3	<0.3
4.3	8.6	3.6	7.8	3.5	7.0	2.7	5.7	2.4	5.0
17.2	8.7	17.5	8.8	15.1	8.1	16.3	8.2	14.2	7.6
772	1112	750	1107	747	1072	731	1073	718	1062
0.05	0.09	0.04	0.08	0.04	0.07	0.08	0.06	0.03	0.06
0.27									
120/60									
DC									
Ball									
Yes									
Sirocco									
Yes									
4 & 6									
10-1/2									
13									
N/A									
N/A									
N/A									
N/A									
N/A									
N/A									
N/A									
N/A									
N/A*									
11.90									
Yes									
Yes									
Yes									
Yes									

WhisperGreen Select (Fan Only Models)

Base Fan with Multi-Speed Plug 'N Play Module

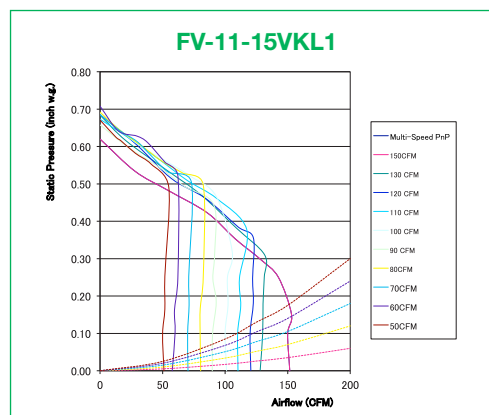
FV-11-15VK1 + FV-VS15VK1

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
150	151	130	130	120	121	110	110	100	102	90	96	80	84	70	72	60	62	50	51
<0.3	0.7	<0.3	0.5	<0.3	0.4	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3	0.4	<0.3	0.4	<0.3	0.4	<0.3	0.4
13.0	22.0	10.0	17.0	7.4	14.1	7.0	13.5	5.6	11.3	4.9	10.7	4.4	9.6	3.8	8.6	3.6	7.7	3.1	6.8
11.5	6.8	13.1	7.8	16.2	8.6	15.7	8.2	17.9	9.0	18.6	9.0	18.2	8.8	18.4	8.4	16.7	8.1	16.1	7.5
664	904	635	891	615	884	616	889	603	886	595	891	604	911	602	918	622	919	616	928
0.13	0.21	0.10	0.17	0.08	0.14	0.07	0.13	0.06	0.11	0.06	0.11	0.05	0.10	0.05	0.09	0.04	0.08	0.04	0.07
0.33																			
120/60																			
DC																			
Ball																			
Yes																			
Sirocco																			
Yes																			
6																			
10-1/2																			
13																			
N/A																			
N/A																			
N/A																			
N/A																			
N/A																			
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13.45																			
Yes																			
Yes																			
Yes																			
Yes																			

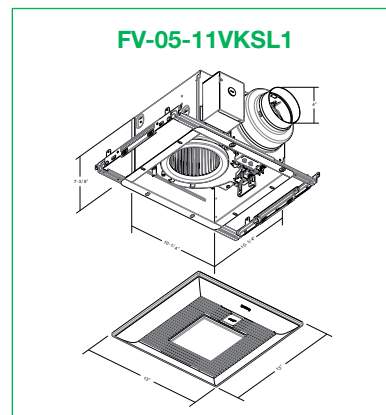
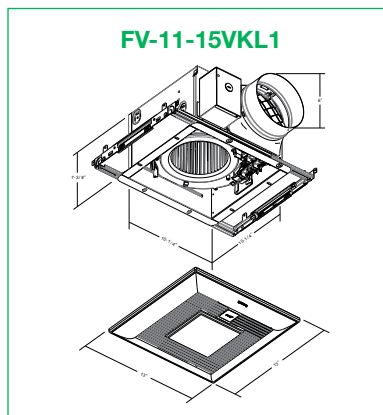
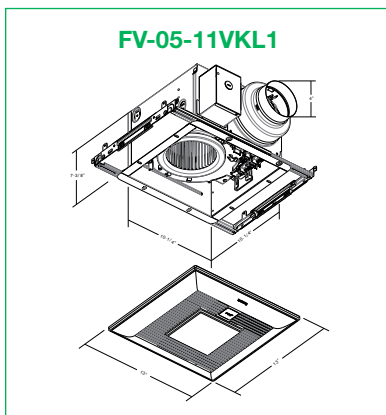


LED Lighting

WhisperGreen Select™ fan/light models feature a contemporary flush mount grille that incorporates Two replaceable, ENERGY STAR rated, 7W GU24 base LED lamps. Panasonic's advanced LED technology lasts 4 times longer than compact fluorescent lamps and does not contribute to mercury waste when disposed.

[illegible]

NOTE: 0.25" w.g. = Installed Performance



(Fan/LED Light Models)

and Integrated Multi-Speed

FV-05-11VKSL1

0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25
70	71	60	62	50	53	40	43	30	35
<0.3	0.4	<0.3	0.3	<0.3	<0.3	<0.3	<0.3	<0.3	<0.3
4.7	8.9	3.9	7.6	4.0	7.0	2.8	5.7	2.5	5.0
15.3	8.2	15.9	8.4	12.8	7.7	14.6	7.7	12.8	7.4
796	1119	769	1102	740	1081	739	1077	731	1058
0.05	0.09	0.05	0.08	0.04	0.07	0.04	0.06	0.03	0.06
0.42									
120/60									
DC									
Ball									
Yes									
Sirocco									
Yes									
4 & 6									
10-1/2									
13									
2 x 7W									
550lm per lamp*									
80LPW*									
>80									
3000K									
40,000									
LPHT7									
GU24									
N/A**									
14.33									
Yes									
Yes									
Yes									
Yes									

WhisperGreen Select (Fan/LED Light Models)

Base Fan with LED Light and Multi-Speed Plug 'N Play Module

FV-11-15VKL1 + FV-VS15VK1

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
150	143	130	131	120	122	110	111	100	102	90	90	80	82	70	71	60	62	50	52
0.6	0.9	<0.3	0.8	<0.3	0.6	<0.3	0.6	<0.3	0.5	<0.3	0.4	<0.3	0.4	<0.3	0.3	<0.3	0.3	<0.3	0.4
16.5	24.0	12.0	21.0	9.5	16.9	8.5	16.0	6.9	13.5	5.7	11.6	5.0	10.4	4.3	8.8	4.0	7.9	3.2	7.2
9.2	6.0	10.9	6.3	12.8	7.3	13.1	7.1	14.8	7.7	16.0	7.8	16.0	7.9	16.3	8.1	15.5	8.1	16.3	7.5
730	941	679	926	669	917	652	914	644	923	631	917	633	918	624	904	634	910	607	928
0.16	0.22	0.12	0.19	0.10	0.17	0.08	0.15	0.07	0.14	0.06	0.12	0.06	0.11	0.05	0.09	0.05	0.08	0.04	0.08
0.48																			
120/60																			
DC																			
Ball																			
Yes																			
Sirocco																			
Yes																			
6																			
10-1/2																			
13																			
2 x 7W																			
550lm per lamp*																			
80LPW*																			
>80																			
3000K																			
40,000																			
LPHT7																			
GU24																			
N/A**																			
14.77																			
Yes																			
Yes																			
Yes																			
Yes																			



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