Panasonic



WhisperGreen® Select™ Connected Ventilation Fans

WhisperGreen Select

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

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



HEALTHY AIR, HEALTHY HOME

True Flow ratings at **0.375**" static pressure provide powerful airflow to assure code compliant, healthy homes.



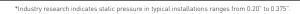


KEY FEATURES

- Precision, whole-house ventilation solution ideal for use in the bathroom, laundry room, sun room, basement or garage
- Helps assure good indoor air quality for a healthy home and healthy living
- Operates as a standalone fan or as part of the Cosmos[™] Healthy Home System through two-way wireless communication
- Customizable, connected 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

- Ideal IAQ solution for green builders
- Environmentally friendly 26 gauge housing using Zinc-Aluminum-Magnesium (ZAM) coating
- 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





The customizable IAQ solution for virtually any space

For over 25 years, Panasonic has developed innovative solutions that promote better indoor air quality and healthy home building. On our mission to help you build healthy homes, WhisperGreen® Select™ offers a powerful connected IAQ solution that delivers healthy indoor air quality for healthy living in any space. Now even more versatile, it operates as a standalone fan or as part of the Cosmos™ Healthy Home System through two-way wireless communication.

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 Mirflow 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.

Ingeniously 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.

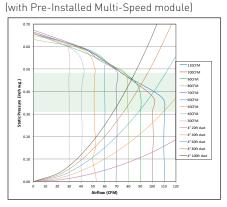
WhisperGreen Select





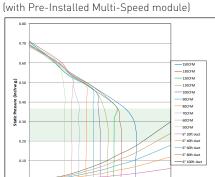




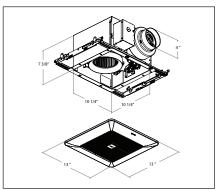




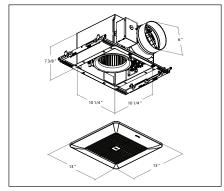
FV-1115VK2





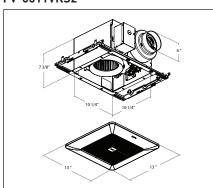








FV-0511VKS2



HEALTHY AIR, HEALTHY HOME

True Flow ratings at **0.375**" static pressure provide powerful airflow to assure code compliant, healthy homes.

							W	hispe	erGre	en® S	elec	™ (Fa	ın Onl	yl								
Sp	ecifications									Base	Fan											
					FV-	0511	VK2							F۷	-1115	VK2						
	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			
	Air Volume (CFM)	110	110	108	80	80	79	50	51	51	150	151	132	130	130	124	110	112	105			
	Noise (sones)	<0.3	0.8	-	<0.3	0.5	-	<0.3	0.4	-	<0.3	0.7	-	<0.3	0.4	-	<0.3	0.3	-			
Characteristics	Power Consumption (watts)	9.9	15.4	20.0	5.1	9.6	13.4	3.1	6.2	9.6	12.9	22.0	24.4	9.2	16.5	22.1	6.9	12.8	17.9			
(HVI tested data	Energy Efficiency (CFM/Watt)	11.1	7.1	5.4	15.7	8.3	5.9	16.2	8.3	5.3	11.7	6.8	5.4	14.2	7.9	5.6	16.0	8.7	5.8			
for 0.1" S.P.)	Speed (RPM)	920	1182	1356	795	1113	1315	722	1054	1266	684	916	1084	645	900	1080	625	894	1083			
	Amps (Current)	0.10	0.16	0.20	0.06	0.10	0.14	0.04	0.07	0.10	0.14 0.22 0.24 0.10 0.17 0.22 0.08 0.13 0.1											
	MAX. Amps (Current)					0.20					0.24											
	Power Rating (V/Hz)					120/60	ı				120/60											
	Motor Type					ECM								ECM								
	Type of Motor Bearing					Ball									Ball							
Specifications	Thermal Fuse Protection					Yes					Yes											
	Blower Wheel Type	Sirocco										Sirocco										
	ENERGY STAR Qualified	Yes										Yes										
	Duct Diameter (Inches)					4 & 6								6								
Installation	Mounting Opening (Inches sq.)	10-1/2													10-1/2	!						
	Grille Size (Inches sq.)	13													13							
	Lamp Watts					N/A									N/A							
	Lumens (lm)		N/A								N/A											
	Lumens Per Watt (LPW)		N/A											N/A								
Light	Color Rendering Index	N/A											N/A									
Specifications	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)					11.80					11.95											
	UL tub/Shower Enclosure	Yes													Yes							
Approved Code/	Washington VIAQ Code	Yes										Yes										
Standard/	Wall installation	No										No										
Regulation	California Title 24 Compliant	Yes									Yes											
	Mfg in ISO 9001 Certified Facility					Yes									Yes							

WhisperGreen® Select™ (Fan Only)																										
Base Fan with Pre-Installed Multi-Speed																										
FV-0511VKS2																										
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	0.1	0.25	0.375
110	110	108	100	101	101	90	90	90	80	80	79	70	71	70	60	60	60	50	51	51	40	41	40	30	30	30
<0.3	0.8	-	<0.3	0.7	-	<0.3	0.6	-	<0.3	0.5	-	<0.3	0.5	-	<0.3	0.4	-	<0.3	0.4	-	<0.3	0.3	-	<0.3	0.3	-
9.9	15.4	20.0	7.9	13.1	17.8	6.5	11.2	16.0	5.1	9.6	13.4	4.3	8.5	12.1	3.7	6.9	10.5	3.1	6.2	9.6	2.7	5.5	7.8	2.4	4.6	6.8
11.1	7.1	5.4	12.7	7.7	5.7	13.9	8.0	5.6	15.7	8.3	5.9	16.7	8.5	5.9	16.3	8.7	5.7	16.2	8.3	5.3	14.8	7.4	5.1	12.6	6.6	4.4
920	1182	1356	889	1164	1356	839	1135	1351	795	1113	1315	760	1112	1309	751	1061	1287	722	1054	1266	707	1057	1251	711	1039	1259
0.10	0.16	0.20	0.09	0.14	0.18	0.07	0.12	0.16	0.06	0.10	0.14	0.05	0.09	0.13	0.05	0.08	0.11	0.04	0.07	0.10	0.04	0.07	0.09	0.04	0.06	0.08
													0.20													
													120/60)												
													ECM													
													Ball													
													Yes													
													Sirocco	0												
													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													
													No													
													Yes													
													Yes													

	_																										
	WhisperGreen® Select™ (Fan Only)																										
	Base Fan with Multi-speed Plug 'N Play Module																										
	FV-0511VK2 + FV-VS15VK1																										
0.375															0.37												
30	110	110	108	100	101	101	90	90	90	80	80	79	70	71	70	60	60	60	50	51	51	40	41	40	30	30	30
-	<0.3	0.8	-	<0.3	0.7	-	<0.3	0.6	-	<0.3	0.5	-	<0.3	0.5	-	<0.3	0.4	-	<0.3	0.4	-	<0.3	0.3	-	<0.3	0.3	-
6.8	9.9	15.4	20.0	7.9	13.1	17.8	6.5	11.2	16.0	5.1	9.6	13.4	4.3	8.5	12.1	3.7	6.9	10.5	3.1	6.2	9.6	2.7	5.5	7.8	2.4	4.6	6.8
4.4	11.1	7.1	5.4	12.7	7.7	5.7	13.9	8.0	5.6	15.7	8.3	5.9	16.7	8.5	5.9	16.3	8.7	5.7	16.2	8.3	5.3	14.8	7.4	5.1	12.6	6.6	4.4
1259	920	1182	1356	889	1164	1356	839		1351	795	1113	1315	760	1112		751	1061	1287	722	1054	1266	707	1057	1251	711	1039	-
0.08	0.10	0.16	0.20	0.09	0.14	0.18	0.07	0.12	0.16	0.06	0.10	0.14	0.05	0.09	0.13	0.05	0.08	0.11	0.04	0.07	0.10	0.04	0.07	0.09	0.04	0.06	0.0
	0.20																										
_	120/60																										
	DC Ball																										
	Ball Yes																										
	Yes Sirocco																										
	Sirocco Yes																										
	Yes 4" or 6"																										
	4" or 6" 10-1/2"																										
														13"													_
														N/A													
														N/A													
														N/A													
														N/A													
														N/A													
														N/A													
														N/A													
_														N/A													
														N/A*													
														11.9													
														Yes													
														Yes													
														Yes													
														Yes													
	Yes																										



ECM Motor with SmartFlow™ Technology

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.



LED Lighting

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.

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



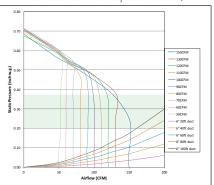






FV-1115VKL2

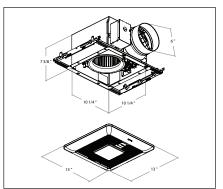
(with Pre-Installed Multi-Speed module)



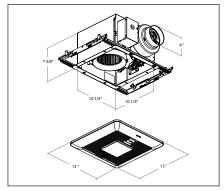


FV-0511VKSL2

FV-1115VKL2



FV-0511VKSL2



									W	hispe	rGree	en® S	elect	* (Fai	n/LEI) Ligh	nt)							
Sp	ecifications										Base	Fan	with	LED I	iaht									
					FV-0	0511V	KL2									F	V-111	15VKL	.2					
	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	0.8	-	<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
Characteristics	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
(HVI tested data	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
for 0.1" S.P.)	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
	Amps (Current)	0.11	0.16	0.19	0.06	0.10	0.14	0.04	0.07	1066	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. Amps (Current)					0.19											0.:	23						
	Power Rating (V/Hz)					120/60	1				120/60													
	ECM										ECM													
	Ball										Ball													
Specifications	Thermal Fuse Protection	Yes															Ye	es						
	Blower Wheel Type	Sirocco															Sirc	оссо						
	ENERGY STAR Qualified	Yes															Ye	es						
	Duct Diameter (Inches)	4 & 6															é	6						
Installation	Mounting Opening (Inches sq.)	10-1/2															10-	1/2						
	Grille Size (Inches sq.)	13									13													
	Lamp Watts					10					10													
	Lumens (lm)	700lm per lamp*									700lm per lamp*													
	Lumens Per Watt (LPW)					70LPW	/										70LI	PW*						
Light	Color Rendering Index					90											9	0						
Specifications	Color Temperature (Kelvin)					3,000K					3,000K													
	Rated Life (hours)					50,000					50,000													
	Lamp Model #					N/A					N/A													
	Type of Lamp Socket				L	ED Chi	ip										LED	chip						
Night Light Specs	Night Light Watts					0.2					0.2													
Shipping	Gross Weight (lbs)					12.4											12.	.55						
	UL tub/Shower Enclosure					Yes					Yes													
Approved Code/	Washington VIAQ Code					Yes					Yes													
Approved Code/ Standard/ Regulation	Wall installation	No									No													
	California Title 24 Compliant	Yes									Yes													
	Mfg in ISO 9001 Certified Facility					Yes					Yes													

	WhisperGreen® Select™ (Fan/LED Light)																					
	Base Fan with LED Light and Pre-Installed Multi-Speed																					
	FV-0511VKSL2																					
1													0.375									
	99	90	90	90	80	80	78	70	70	69	60	60	60	50	50	50	40	41	40	30	30	30
1	- <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 -																					
	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																					
	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 1372 868 1161 1357 811 1177 1341 785 1118 1321 750 1082 1282 730 1064 1281 710 1062 1275 720 1067 1272														4.3							
	1372 868 1160 1357 811 1127 1341 785 1118 1321 750 1082 1282 730 1066 1281 710 1062 1275 720 1067 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 0.08											0.08										
	0.19																					
	120/60																					
	ECM																					
	Ball																					
	Yes																					
	Sirocco Vac																					
	Yes 4 & 6																					
4	4 & 6																					
	10-1/2 13																					
											10											
-										70	Olm pe		.*									
											70LI											
+											9											
1											3,00											
1											50,1											
											N,	Ά.										
1											LED	chip										
ı											0.	2										
1											12	.5										
	12.5 Yes																					
	Yes																					
	No																					
1	Yes																					
											Ye	s										
_																						

WhisperGreen® Select™ (Fan/LED Light)														
Base Fan with LED Light and Multi-speed Plug 'N Play Module														
FV-0511VKL2 + FV-VS15VK1														
0.1 0.25 0.375 0.1 0.25 0.25 0.25 0.25 0.25 0.25 0.25 0.25														
110 110 103 100 101 99 90 90 90 80 80 78 70 70 69 60 60 60 50 50 50 40 41 40	30	30	30											
0.4 0.8 - <0.3 0.8 - <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	-											
10.5 15.8 19.4 8.2 13.6 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											
10.5 6.9 5.2 12.2 7.4 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 4.5	_	6.3	+											
958 1203 1375 908 1194 1372 868 1160 1357 811 1127 1341 785 1118 1321 750 1082 1282 730 1066 1281 710 1062 127	_	1067	+											
0.11 0.16 0.19 0.09 0.14 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 0.06 0.10 0.14 0.06 0.10 0.15 0.1														
0.19 120/A0														
120/60 DC														
DC Ball														
Ball Yes														
Yes Sirocco														
Sirocco Yes														
Yes 4" or 6"														
10-1/2"														
13"														
10.0														
700														
70														
90														
3,000														
50,000														
N/A														
LED chip														
0.2														
12.5														
Yes														
Yes														
No														
Yes														
Yes														







Panasonic Life Solutions Company of America **IAQ** Division Two Riverfront Plaza Newark, NJ 07102 us.panasonic.com/ventfans

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