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





HVI-certified True Flow ratings at **0.375**" static pressure provide powerful CFM output 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

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







WhisperGreenSelect*



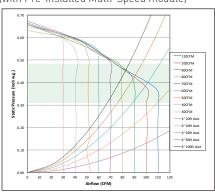


HEALTHY AIR, HEALTHY HOME

HVI-certified True Flow ratings at **0.375**" static pressure provide powerful CFM output to assure code compliant, healthy homes.

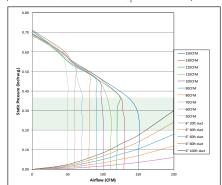


FV-0511VK2 (with Pre-Installed Multi-Speed module)

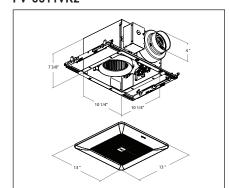




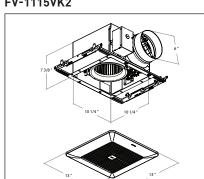
FV-1115VK2 (with Pre-Installed Multi-Speed module)





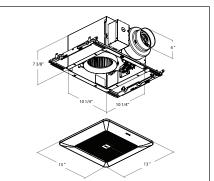


FV-1115VK2





FV-0511VKS2



							W	hispe	erGre	en® S	Selec	t™ (Fa	n On	ly)					
S	pecifications									Base	Fan								
					FV-	0511	VK2							F۷۰	-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	0.18
	MAX. Amps (Current)					0.20									0.24				
	Power Rating (V/Hz)					120/60)								120/60)			
	Motor Type					ECM									ECM				
	Type of Motor Bearing					Ball									Ball				
Specifications	Thermal Fuse Protection					Yes									Yes				
	Blower Wheel Type					Sirocco)								Sirocc	0			
	ENERGY STAR Qualified					Yes									Yes				
	Duct Diameter (Inches)					4 & 6									6				
Installation	Mounting Opening (Inches sq.)					10-1/2									10-1/2	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	xet 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				

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		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																									
	ECM Pall																									
	Ball																									
	Yes																									
	Sirocco																									
	Yes																									
	4 & 6																									
	10-1/2																									
	13 N/A																									
	N/A																									
	N/A																									
	N/A																									
													N/A													
													N/A													
													N/A													
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													N/A													
													N/A*													
													11.90													
	Yes																									
	Yes																									
	No .																									
													Yes													
													Yes													

												Whi	sperG	reen	® Sel	ect™ (Fan C	Only)										
											Bas	e Fan	with I	Multi-	speed	Plug	'N Pla	у Мос	lule									
													FV-0	511VK	(2 + F\	/-VS1!	5VK1											
	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	0.1	0.25	0.375
	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	1135	1351	795	1113	1315	760	1112	1309	751	1061	1287	722	1054	1266	707	1057	1251	711	1039	1259
	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	0.08
															0.20													
															120/60													
															DC													
_	_														Ball													
															Yes													
_															Sirocco													
															Yes													
_															or 6													
_			10-1/2" 13"																									
		13" N/A																										
		N/A N/A																										
_															N/A													
_															N/A													
															N/A													
															N/A													
															N/A													
															N/A													
															N/A*													
															11.9													
															Yes													
															Yes													
															No													
_															Yes													
															Yes													

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



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.

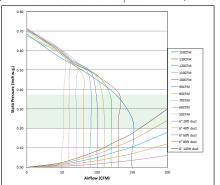






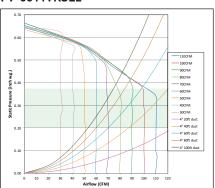


FV-1115VKL2 (with Pre-Installed Multi-Speed module)

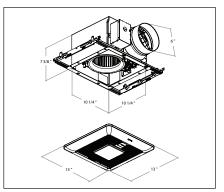




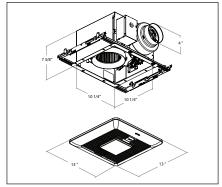
FV-0511VKSL2



FV-1115VKL2



FV-0511VKSL2



									W	hispe	rGre	en® S	elect	™ (Fa	n/LEI) Ligh	nt)							
Sį	pecifications										Base	Fan	with	LED	Light									
					FV-	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	0.9	-	<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
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)										120	0/60						
	Motor Type					ECM											E	СМ						
	Type of Motor Bearing					Ball											В	all						
Specifications	Thermal Fuse Protection					Yes											Y	es						
	Blower Wheel Type					Sirocco											Sirc	occo						
	ENERGY STAR Qualified					Yes											Y	es						
	Duct Diameter (Inches)					4 & 6												6						
Installation	Mounting Opening (Inches sq.)					10-1/2											10-	-1/2						
	Grille Size (Inches sq.)					13											1	13						
	Lamp Watts					10											1	10						
	Lumens (lm)				700lr	n per l	amp*									71	00lm p	er lam	p*					
	Lumens Per Watt (LPW)					70LPW	/										70L	PW*						
Light	Color Rendering Index					90											9	70						
Specifications	Color Temperature (Kelvin)					3,0001	(3,0	00K						
	Rated Life (hours)					50,000	1										50,	,000						
	Lamp Model #					N/A											N	/A						
	Type of Lamp Socket				L	ED Ch	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											Y	es						
Approved Code/	Washington VIAQ Code					Yes											Y	es						
Standard/	Wall installation					No											١	10						
Regulation	California Title 24 Compliant					Yes											Y	es						
	Mfg in ISO 9001 Certified Facility					Yes											Y	es						

	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		0.1	0.25	0.375	0.1	0.25	0.37
99	90	90	90	80	80	78	70	70	69	60	60	60	50	50	50	40	41	40	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	-
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	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
	0.19 120/60																				
	120/60 ECM																				
	ECM Ball																				
	Yes																				
	Sirocco																				
	Yes																				
	4 & 6																				
	10-1/2 13																				
	13 10W																				
	10W 700Im per lamp*																				
	70LPW*																				
	90 3,000K																				
											000										
										N.											
										LED											
										0	.2										
										12	2.5										
	Yes																				
	Yes																				
	No																				
	Yes																				
										Ye	25										

									W	hispe	rGre	en® S	elect	™ (Fai	n/LEI) Ligi	ht)									
	Base Fan with LED Light and Multi-speed Plug 'N Play Module																									
											FV-05	11VK	L2 + F	V-VS1	5VK1											
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	0.37
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	-
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	4.9	12.0	6.3	4.3
958	1203	1375	908	1194	1372	868	1160	1357	811	1127	1341	785	1118	1321	750	1082	1282	730	1066	1281	710	1062	1275	720	1067	127
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	0.0
													0.19													
	120/60 DC																									
	DC Ball																									
	Ball Yes																									
	Yes Sirocco																									
													Yes													
	4" or 6"																									
	10-1/2"																									
	13"																									
	10.0																									
	700																									
	700																									
	70 90																									
													3,000													
													50,000													
													N/A													
												L	ED chi	р												
													0.2													
													12.5													
	Yes																									
	Yes																									
	No																									
													Yes													_
													Yes													







Panasonic Life Solutions Company of America **IAQ** Division Two Riverfront Plaza Newark, NJ 07102

For Order Information PHONE: 866-292-7299 FAX: 888-553-0723 ventfans@us.panasonic.com

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

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™ 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.

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.