Panasonic



WhisperSense® DC Ventilation Fan and Fan/Light

WhisperSense® DC
VENTILATION FAN

FV-0511VQC1
FV-0511VQCL1



True Flow

HEALTHY AIR, HEALTHY HOME

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

- Precision spot ventilation fans ideal for use in the bathroom, laundry room, mud room, basement or garage
- Revolutionary ECM motor with SmartFlow™ technology for optimum CFM output
- Pick-A-Flow Airflow Selector (50-80-110 CFM) combined with SmartFlow™ Technology simplifies the selection process and ensures optimum performance to meet code and reduce callbacks
- Dual Sensor Technology (Motion & Moisture) provides built-in redundancy for the ultimate in automatic moisture and odor control
- Single-hinged Flex-Z Fast bracket provides flexible, fast & trouble-free installation, even from below the ceiling
- Lighted model incorporates one 10W dimmable LED chip panel with <1W LED night light for warm, long-life energy efficient illumination (night light must be wired separately)
- Elegant grille design compliments the aesthetics of any room
- Can be used to comply with LEED, ENERGY STAR® IAP, CALGreen, EarthCraft, CA Title 24 and WA state code

ADDITIONAL BENEFITS

- Integrated 4" or 6" dual duct adapter enhances installation options
- UL listed for tub/shower enclosure when GFCI protected
- Auto shut off feature helps eliminate unnecessary energy use and further reduces operating costs
- 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
- Built-in damper reduces back drafting and helps with blower door testing
- Warranty: 6 years ECM Motor, 5 years LED, 3 years all other parts
- UL listed for use with the Panasonic Ceiling Radiation Damper (model # PC-RD05C5)

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

reinventingventing.com

ENERGY STAR

The power of performance, with exclusive smart sensing technology

ECM Motor with SmartFlow™ Technology

WhisperSense® DC™ 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, even with a complicated duct run.



Pick-A-Flow Airflow Technology

Built-in Pick-A-Flow airflow selector provides the unique ability to select your required airflow (50-80-110 CFM) with the simple flip of a switch.

Three ways the fan can function

- Motion on/Motion off
- Motion on/Humidity off
- Humidity on/Humidity off
- Variable humidity controls from 30-80% Relative Humidity (RH)
- Adjustable delay timer from 30 seconds to 60 minutes

Dual Sensor Technology

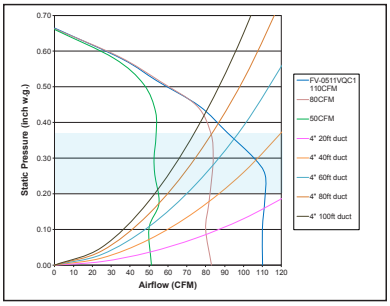




LED Lighting

WhisperSense® DC fan/light models feature a contemporary flush mount grille that incorporates one 10W Dimmable LED chip panel with <1W LED night light for warm, long-life energy efficient illumination. Panel specifications include: 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.

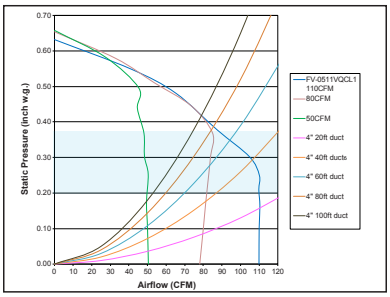
FV-0511VQC1



True Flow 53 - 82 - 91 CFM

FV-0511VQC1

FV-0511VQCL1

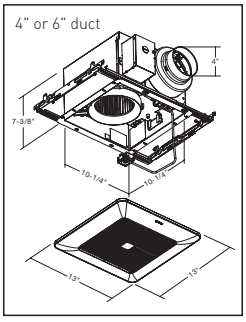


True Flow 50 - 82 - 86 CFM

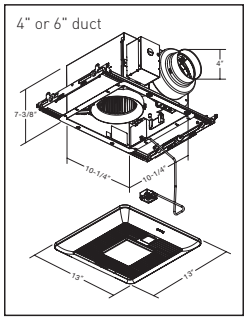
FV-0511VQCL1

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

FV-0511VQC1



FV-0511VQCL1



***Industry research indicates static pressure in typical installations ranges from 0.20" to 0.375".**
As tested by an EPA recognized lab

Specifications		WhisperSense DC																	
		FV-0511VQC1									FV-0511VQCL1								
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
	Air Volume (CFM)	110	111	91	80	83	82	50	53	53	110	110	86	80	83	82	50	50	44
	Noise (sones)	<0.3	0.9	-	<0.3	0.6	-	<0.3	0.4	-	0.4	0.9	-	<0.3	0.6	-	<0.3	0.4	-
	Power Consumption (watts)	10.6	16.4	17.1	5.9	10.8	14.5	4.0	7.2	10.5	10.9	16.1	16.8	6.0	11.0	14.6	3.9	7.1	10.0
	Energy Efficiency (CFM/watt)	10.6	6.9	5.3	13.6	7.7	5.7	12.5	7.4	5.1	10.3	7.0	5.1	13.7	7.7	5.6	14.1	7.8	4.4
	Speed (RPM)	957	1239	1382	821	1172	1351	756	1093	1195	1016	1268	1398	867	1185	1370	768	1097	1315
	Current (amps)	0.18	0.26	0.27	0.11	0.18	0.24	0.07	0.13	0.18	0.18	0.26	0.26	0.11	0.19	0.24	0.07	0.12	0.17
	MAX. Current (amps)	0.27			0.27			0.27			0.27			0.27			0.27		
	Power Rating (V/Hz)	120/60			120/60			120/60			120/60			120/60			120/60		
Specifications	Motor Type	ECM			ECM			ECM			ECM			ECM			ECM		
	Type of Motor Bearing	Ball			Ball			Ball			Ball			Ball			Ball		
	Thermal Fuse Protection	Yes			Yes			Yes			Yes			Yes			Yes		
	Blower Wheel Type	Sirocco			Sirocco			Sirocco			Sirocco			Sirocco			Sirocco		
	ENERGY STAR Qualified	Yes			Yes			Yes			Yes			Yes			Yes		
Installation	Duct Diameter (inches)	4" or 6"			4" or 6"			4" or 6"			4" or 6"			4" or 6"			4" or 6"		
	Mounting Opening (inches sq.)	10-1/2			10-1/2			10-1/2			10-1/2			10-1/2			10-1/2		
	Grille Size (inches)	13			13			13			13			13			13		
Light Specifications	Lamp Watts	N/A			N/A			N/A			10.0			10.0			10.0		
	Lumens (lm)	N/A			N/A			N/A			700			700			700		
	Lumens Per Watt (LPW)	N/A			N/A			N/A			70			70			70		
	Color Rendering Index	N/A			N/A			N/A			90			90			90		
	Color Temperature (Kelvin)	N/A			N/A			N/A			3,000			3,000			3,000		
	Rated Life (hours)	N/A			N/A			N/A			50,000			50,000			50,000		
	Lamp Model #	N/A			N/A			N/A			N/A			N/A			N/A		
	Type of Lamp Socket	N/A			N/A			N/A			LED Chip			LED Chip			LED Chip		
Night Light Specs	Night Light Watts	N/A			N/A			N/A			0.2			0.2			0.2		
Shipping	Gross Weight (lbs)	11.2			11.2			11.2			11.9			11.9			11.9		
Approved Code/ Standard/ Regulation	UL tub/Shower Enclosure	Yes			Yes			Yes			Yes			Yes			Yes		
	Washington VIAQ Code	Yes			Yes			Yes			Yes			Yes			Yes		
	Wall installation	No			No			No			No			No			No		
	California Title 24 Compliant	Yes			Yes			Yes			Yes			Yes			Yes		
	Mfg in ISO 9001 Certified Facility	Yes			Yes			Yes			Yes			Yes			Yes		

c UL us

2100 HVI CERTIFIED

CALGreen

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Design and specifications subject to change without notice.