

WhisperSense® DC™ Ventilation Fan and Fan/Light



WhisperSense® DC™ VENTILATION FAN

FV-0511VQC1
FV-0511VQCL1



- 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 Speed 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
- 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 ASHRAE 62.2, 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)

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 Speed Technology

Built-in Pick-A-Flow speed 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

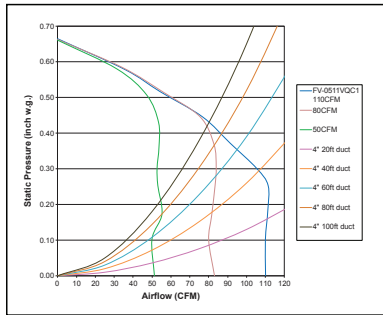
Dual Sensor Technology



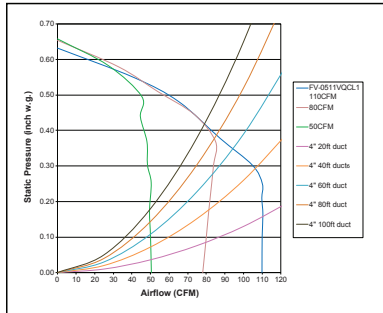
LED Lighting

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.

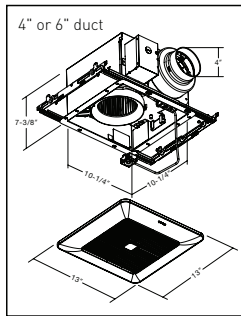
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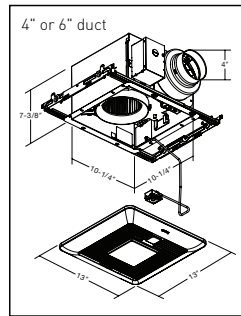
FV-0511VQCL1



FV-0511VQCL1



FV-0511VQCL1



*As tested by an EPA recognized lab
NOTE: 0.25" w.g. = Installed Performance

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	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25	0.1	0.25
	Air Volume [CFM]	110	111	80	83	50	53	110	110	80	83	50	50
	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	5.9	10.8	4.0	7.2	10.9	16.1	6.0	11.0	3.9	7.1
	Energy Efficiency (CFM/watt)	10.6	6.9	13.6	7.7	12.5	7.4	10.3	7.0	13.7	7.7	14.1	7.8
	Speed (RPM)	957	1239	821	1172	756	1093	1016	1268	867	1185	768	1097
	Current [amps]	0.18	0.26	0.11	0.18	0.07	0.13	0.18	0.26	0.11	0.19	0.07	0.12
	MAX. Current [amps]	0.27		0.27		0.27		0.30		0.30		0.30	
	Power Rating [V/Hz]	120/60		120/60		120/60		120/60		120/60		120/60	
	Specifications	Motor Type	DC	DC	DC	DC	DC	DC	DC	DC	DC	DC	DC
Type of Motor Bearing		Ball	Ball	Ball	Ball	Ball	Ball	Ball	Ball	Ball	Ball	Ball	
Thermal Fuse Protection		Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Blower Wheel Type		Sirocco	Sirocco	Sirocco	Sirocco	Sirocco	Sirocco	Sirocco	Sirocco	Sirocco	Sirocco	Sirocco	
ENERGY STAR Qualified		Yes	Yes	Yes	Yes	Yes	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"	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	10-1/2	10-1/2	10-1/2	10-1/2	10-1/2	
	Grille Size (inches)	13	13	13	13	13	13	13	13	13	13	13	
Light Specifications	Lamp Watts	N/A	N/A	N/A	N/A	N/A	N/A	10.0	10.0	10.0	10.0	10.0	
	Lumens (lm)	N/A	N/A	N/A	N/A	N/A	N/A	700	700	700	700	700	
	Lumens Per Watt (LPW)	N/A	N/A	N/A	N/A	N/A	N/A	70	70	70	70	70	
	Color Rendering Index	N/A	N/A	N/A	N/A	N/A	N/A	90	90	90	90	90	
	Color Temperature [Kelvin]	N/A	N/A	N/A	N/A	N/A	N/A	3,000	3,000	3,000	3,000	3,000	
	Rated Life (hours)	N/A	N/A	N/A	N/A	N/A	N/A	50,000	50,000	50,000	50,000	50,000	
	Lamp Model #	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
	Type of Lamp Socket	N/A	N/A	N/A	N/A	N/A	N/A	LED Chip	LED Chip	LED Chip	LED Chip	LED Chip	
Night Light Specs	Night Light Watts	N/A	N/A	N/A	N/A	N/A	N/A	0.2	0.2	0.2	0.2	0.2	
Shipping	Gross Weight (lbs)	11.2	11.2	11.2	11.2	11.2	11.2	11.9	11.9	11.9	11.9	11.9	
	Approved Code/Standard/Regulation	UL tub/Shower Enclosure	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
Approved Code/Standard/Regulation	Washington VIAQ Code	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
	Wall installation	No	No	No	No	No	No	No	No	No	No	No	
	California Title 24 Compliant	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	
	Mfg in ISO 9001 Certified Facility	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	



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