

Specification Submittal Data / Ventilation Fan/Light with Bluetooth Speakers

Description:

Ventilation fan/light with Bluetooth speakers shall be low sone ceiling mount rated for continuous operation. Fan shall be ENERGY STAR® rated and certified by the Home Ventilating Institute (HVI). Evaluated by the Underwriters Laboratories and conform to UL standards.

Motor/Blower:

- Four-pole totally enclosed condenser ECM motor rated for continuous use.
- Fan ventilation rates shall be manually adjustable for 50, 80, or 110 CFM.
- Power Rating shall be 120 volts and 60 Hz.
- Fan shall be UL listed for tub/shower enclosure when GFCI protected.
- Motor equipped with thermal cutoff fuse.
- Removable, permanently lubricated, plug-in motor.
- ECM Motor with SmartFlow Technology

Housing:

- Rust proof epoxy and polyester resin coating, 26 gauge galvanized steel body.
- 4" diameter duct with optional 3" adapter included.
- Built in backdraft damper.
- Articulating and expandable extension bracket up to 24".

Grille:

- Attractive design using Poly Pro material.
- Attaches directly to housing with torsion springs.
- Built-in dual Bluetooth speakers

Ceiling Radiation Damper:

- WhisperFit® DC with Bluetooth Speakers is UL listed for use with the Panasonic Ceiling Radiation Damper (Model #: PC - RD06C6, sold separately).

Light:

- One 10 Watt dimmable LED Chip Panel/3000 Kelvin Warm White
- <1W LED night light
- ENERGY STAR® 2.0 certified

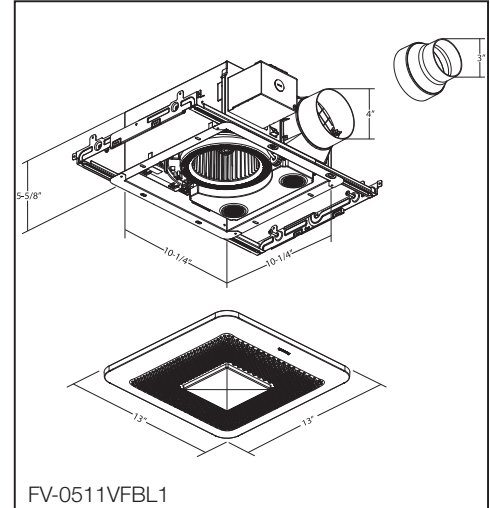
Warranty:

6-year ECM motor, 3-year on parts, 5 years on LED chip panel, 1-year on speakers

Architectural Specifications:

Customizable ceiling mount ventilation fan with light, ENERGY STAR® rated with built-in speed selector. Select from 50/80/110 CFM with <0.3/<0.3/0.4 sone as certified by the Home Ventilating Institute (HVI) at 0.1 w.g. with 50/80/110 CFM and no more than 0.4/0.7/1.3 sones at 0.25 w.g. and 52/83/100 CFM at 0.375 w.g. Power Consumption shall be no greater than 4.2/6.6/11.0 watts at 0.1 w.g. and 7.4/10.4/15.0 watts at 0.25 w.g. and 10.0/13.8/16.4 watts at 0.375 w.g. ENERGY STAR® rated with efficiency of no less than 12.5/12.4/10.2 CFM/watt at 0.1 w.g. and 7.2/8.1/7.5 CFM/watt at 0.25 w.g. and 5.5/6.1/6.2 CFM/watt at 0.375 w.g. The motor shall be enclosed with brushless ECM motor engineered to run continuously. Power rating shall be 120v/60Hz. Housing material shall be no less than 26-gauge galvanized steel with rust proof epoxy and polyester resin coating. Duct diameter shall be no less than 4" (3" if using the included duct adapter). Fan shall be UL listed for tub shower enclosure when GFCI protected. Fan can be used to comply with ASHRAE 62.2, LEED, ENERGY STAR® IAP, EarthCraft, and California Title 24. Lamp shall be a 10W dimmable LED chip panel with <1W LED night light for warm, long-life energy efficient illumination. Night-light must be wired separately.

3" or 4" Duct



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.

Specifications: WhisperFit® DC with Bluetooth Speakers (FV-0511VFBL1)				4" Duct			4" Duct			4" Duct			3" Duct			3" Duct			3" Duct		
Ventilation Fan Characteristics (HVI-Certified Data)	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	97	80	80	82	50	50	51	110	91	65	80	80	66	50	50	51		
	Noise (sones)	1.1	1.5	-	0.4	0.9	-	<0.3	0.6	-	2.0	1.5	-	0.8	1.3	-	<0.3	0.8	-		
	Power Consumption (Watts)	10.9	15.3	15.9	6.7	10.0	13.6	4.3	7.6	10.0	17.6	15.3	13.3	9.0	13.0	13.2	4.9	7.7	10.4		
	Energy Efficiency (CFM/Watt)	10.0	7.1	6.1	11.9	8.0	6.0	11.6	6.5	5.1	6.2	5.9	4.8	8.8	6.1	5.0	10.2	6.4	4.9		
	Speed (RPM)	1017	1264	1394	899	1177	1361	811	1156	1350	1363	1417	1464	1104	1352	1455	890	1187	1379		
	Current (amps)	0.18	0.24	0.26	0.12	0.17	0.22	0.08	0.13	0.17	0.28	0.25	0.22	0.16	0.22	0.22	0.09	0.14	0.17		
	MAX. Current (amps)	0.26										0.28									
	Power Rating (V/Hz)	120/60																			
	ENERGY STAR® Qualified	Yes																			

For complete Installation Instructions visit iaq.na.panasonic.com

Model	Quantity	Comments	Project:
			Location:
			Architect:
			Engineer:
			Contractor:
			Submitted by:
			Date:

Panasonic Eco Systems North America
IAQ Division
 Two Riverfront Plaza
 Newark, NJ 07102

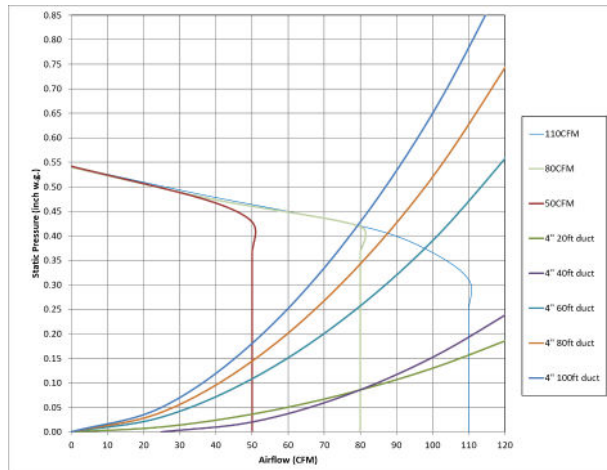
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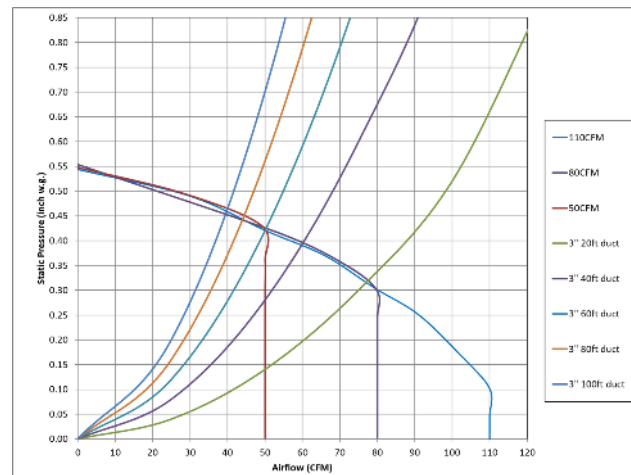
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Panasonic

Performance Curve FV-0511VFBL1 - 4" Duct



Performance Curve FV-0511VFBL1 - 3" Duct



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			Architect:
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