**Specification Submittal Data** / Panasonic Ventilation Fan

**Description:**
Ventilating fan shall be Low Noise ceiling or wall mount type rated for continuous run. Fan shall be ENERGY STAR® rated and certified by the Home Ventilation Institute (HVI). Evaluated by Underwriters Laboratories and conform to both UL and cUL safety standards.

**Motor/Blower:**
- Enclosed DC brushless motor technology rated for continuous run.
- Fan ventilation rates shall be manually adjustable for 50-80-100 CFM.
- Power rating shall be 120 volts and 60 Hz.
- Fan shall be UL and cUL listed for tub/shower enclosure when GFCI protected and used in insulated ceiling (TYPE I.C).
- Motor equipped with thermal-cutoff fuse.
- Removable with permanently lubricated plug-in motor.

**Housing:**
- Rust proof epoxy and polyester resin coating, 26 gauge galvanized steel body.
- 4" round compatible, oval duct.
- Optional 24 gauge steel, fire code rated 4" oval to 3" round duct adaptor sold separately (Model # FV-VS43R).
- Built in backdraft damper.
- 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.
- Unique L-shaped bracket simplifies installation and provides strong support.

**Grille:**
- Attractive design using Poly Pro material.
- Attaches directly to housing with torsion springs.

**Warranty:**
- DC Motor: 6 Years from original purchase date.
- ALL Parts: 3 Years from original purchase date.

**Architectural Specifications:**
Ventilation fan shall be ceiling or wall mount, ENERGY STAR® certified, with a built-in speed selector. Choose from 50-80-100 CFM and no more than <0.3/0.4/0.9 sone as certified by the Home Ventilating Institute (HVI) at 0.1 static pressure in inches water gauge (w.g.) with no less than 53/81/100 CFM and no more than 0.5/0.8/1.3 sone as certified by HVI at 0.25 w.g. Power Consumption shall be no greater than 4.4/7.2/11.1 watts at 0.1 w.g. and 7.5/11.5/16.0 watts at 0.25 w.g., with efficiency of no less than 12.8/11.4/9.2 CFM/watt at 0.1 w.g. and 7.9/7.2/6.4 CFM/watt at 0.25 w.g. The motor speed shall automatically increase when the fan senses static pressure to maintain selected CFM. Power rating shall be 120v/60Hz. Duct diameter shall be no less than 4". Optional 24 gauge steel, fire code rated 4" oval to 3" round duct adaptor sold separately (Model # FV-VS43R). Fan shall be UL and cUL listed for ceiling or wall installation and tub/shower enclosure when GFCI protected. Fan can be used to comply with ASHRAE 62.2, LEED, EarthCraft, California Title-24 and WA Ventilation Code.

**Specifications:**

<table>
<thead>
<tr>
<th>Specifications: WhisperValueDC FV-0510VS1</th>
<th>4&quot; Oval</th>
<th>4&quot; Oval</th>
<th>4&quot; Oval</th>
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<tbody>
<tr>
<td>Static Pressure in inches w.g.</td>
<td>0.1</td>
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<tr>
<td>Air Volume (CFM)</td>
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<tr>
<td>Noise (sones)</td>
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<tr>
<td>Power Consumption (watts)</td>
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<td>Energy Efficiency (CFM/Watt)</td>
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<td>Speed (RPM)</td>
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<tr>
<td>Current (amps)</td>
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<td>Power Rating (V/Hz)</td>
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<td>ENERGY STAR rated</td>
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For complete Installation Instructions visit [us.panasonic.com/ventfans](http://us.panasonic.com/ventfans)

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**Performance Curve 4" Oval duct**

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