DESIGN STANDARDS FOR: LOUVERS AND VENTS

Ceiling Mounted Fan Standard:

1. WhisperCeiling model #FV-08VQ2 90 CFM – 4” duct manufactured by Panasonic.
2. Note: An approved equal will not be accepted. Sole source justification is based on bulk parts on hand; ease on maintenance time, availability, and vandal resistance.
Ceiling Mounted Fan

**FV-05VQ2**
60 CFM-4" Duct

**FV-07VQ2**
70 CFM-4" Duct

**FV-08VQ2**
90 CFM-4" Duct

**FV-11VQ2**
110 CFM-4" Duct

**FV-11VQD2**
110/60 CFM-4" Duct

**Advantages:**
- Super quiet operation
- ENERGY STAR® qualified
- Totally enclosed condenser motor for long life—rated for continuous run
- Easy installation (double hanger bar system)
- Rust proof paint treatment on galvanized housing
- Built-in damper to prevent backdraft
- Contemporary grille design
- UL listed for tub/shower enclosure when used with a GFCI branch circuit wire
- Thermal fuse protection
- Meets Washington State Ventilation and Indoor Air Quality Code

<table>
<thead>
<tr>
<th>Characteristics</th>
<th>FY-05VQ2</th>
<th>FY-07VQ2</th>
<th>FY-08VQ2</th>
<th>FY-11VQ2</th>
<th>FY-11VQD2 2-speed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air Flow (CFM)</td>
<td>60</td>
<td>70</td>
<td>90</td>
<td>110</td>
<td>110/60</td>
</tr>
<tr>
<td>Energy STAR</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>NEMA Protection</td>
<td>Class 1</td>
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<tr>
<td>Power Consumption (Watts)</td>
<td>34</td>
<td>43</td>
<td>54</td>
<td>77</td>
<td>77</td>
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<tr>
<td>Energy Efficient (ERG/Watt)</td>
<td>4.8</td>
<td>4.5</td>
<td>4.3</td>
<td>4.1</td>
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<tr>
<td>Washed Out (CFM)</td>
<td>105</td>
<td>120</td>
<td>150</td>
<td>190</td>
<td>190</td>
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<td>Washed In (CFM)</td>
<td>210</td>
<td>240</td>
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<td>380</td>
<td>380</td>
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<tr>
<td>Washed Out (CFM per Watt)</td>
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<tr>
<td>Washed In (CFM per Watt)</td>
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<td>4.3</td>
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<tr>
<td>Complete Specification on page 39, Performance Curve Charts on page 30, NA=not applicable, w=water gauge, S.P=static pressure</td>
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</table>

**Dimensions**

4" duct

**WhisperCeiling ventilation catalog 2003**