CABINET FAN BACKWARD CURVE
Introduction

**CFQ SERIES** is specially designed for a wide range of general commercial and industrial application with the emphasis on good air flow performance at low sound level.

**Impeller**
- Backward curve

**Motor**
- Moisture resistant, suitable for humid and damp environment
- Permanently lubricated ball bearings ensuring reliable and maintenance-free operation
- Class F insulation
- Speed controllable
- Built-in thermal protection device
- Protected to IP54, against dust and moisture

**Casing**
- Manufactured from high quality grade GI sheet

**CFQ Series**
- Suitable for installation with duct
- In-line application
- Uniquely designed external rotor motor
- Compact in size
- Low sound level

Accessories (optional)
Linear Speed Controller
Model C012 (up to 400W)
Performance Curve

**CFQ 225**

- **Static Pressure (Pa)**: 140
- **Airflow (CMH)**: 0 to 600

**CFQ 315**

- **Static Pressure (Pa)**: 400
- **Airflow (CMH)**: 0 to 1800

**Electrical Data**

<table>
<thead>
<tr>
<th>Model</th>
<th>CFQ 225</th>
<th>CFQ 315</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Volt / Phase / Hz</strong></td>
<td>230 / 1 / 50</td>
<td>230 / 1 / 50</td>
</tr>
<tr>
<td><strong>Max Motor Input (w)</strong></td>
<td>52</td>
<td>150</td>
</tr>
<tr>
<td><strong>Airflow (CMH)</strong></td>
<td>497</td>
<td>1631</td>
</tr>
<tr>
<td><strong>Static Pressure (Pa)</strong></td>
<td>134</td>
<td>287</td>
</tr>
<tr>
<td><strong>Amps</strong></td>
<td>0.23</td>
<td>0.68</td>
</tr>
<tr>
<td><strong>RPM</strong></td>
<td>1440</td>
<td>1430</td>
</tr>
<tr>
<td><strong>LwA dB(A)</strong></td>
<td>67</td>
<td>73</td>
</tr>
<tr>
<td><strong>LpA dB(A) at 3m</strong></td>
<td>46</td>
<td>52</td>
</tr>
</tbody>
</table>

Speed (RPM) shown is nominal. Performance is based on actual speed of test.

LpA-dBA levels are not licensed by AMCA International.

Performance certified is for installation type D-Ducted inlet, Ducted outlet. Performance rating do not include the effects of appurtenances (accessories).

The A-weighted sound ratings shown have been calculated per AMCA International Standard 301. Values shown are for inlet Lwa sound power levels for installation type D ducted inlet, ducted outlet. Ratings include the effects of duct end correction.

**Dimension (mm)**

<table>
<thead>
<tr>
<th>Model</th>
<th>A</th>
<th>B</th>
<th>C</th>
</tr>
</thead>
<tbody>
<tr>
<td>CFQ 225</td>
<td>365</td>
<td>365</td>
<td>300</td>
</tr>
<tr>
<td>CFQ 315</td>
<td>490</td>
<td>490</td>
<td>360</td>
</tr>
</tbody>
</table>

* Specifications subject to changes without prior notice.
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