CFD series

3 Speed Direct Drive Cabinet Fan

AMCA Worldwide Certified Ratings

Zhongshan SAVER WELAIRE Air-Cond Equip. Co., Ltd. certifies that the model CFD shown herein is (tested) to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program.
Introduction

CFD SERIES is specially designed for a wide range of general commercial and industrial application with the emphasis on excellent air flow performance with high static pressure at low sound level.

Casing
Manufactured from rust resistance galvanised steel sheet.
Optional items:
1) Powder coating casing.
2) Internal insulation with rockwool and perforated aluminium foil for sound attenuation.
3) Customised casing size.

Impeller
Double Inlet Double Width (DIDW) forward curve centrifugal (sirocco) fan.

Motor
High efficiency 3 speed condenser motor.
Permanently lubricated ball bearings ensuring reliable and maintenance free operation.
Built-in thermal protection device.

Accessories (Optional)
Filter Chamber.
## Performance Curves

<table>
<thead>
<tr>
<th>Model</th>
<th>CFD 7/8</th>
<th>CFD 8/8</th>
<th>CFD 9/7</th>
<th>CFD 9/9</th>
<th>CFD 10/8</th>
<th>CFD 10/10</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speed</td>
<td>H</td>
<td>H</td>
<td>H</td>
<td>H</td>
<td>H</td>
<td>H</td>
</tr>
<tr>
<td>Volt / Phase / Hz</td>
<td>240 / 1 / 50</td>
<td>240 / 1 / 50</td>
<td>240 / 1 / 50</td>
<td>240 / 1 / 50</td>
<td>240 / 1 / 50</td>
<td>240 / 1 / 50</td>
</tr>
<tr>
<td>Max Power Input Watts</td>
<td>252</td>
<td>389</td>
<td>907</td>
<td>1034</td>
<td>1384</td>
<td>1495</td>
</tr>
<tr>
<td>Airflow (CMH)</td>
<td>1294</td>
<td>1884</td>
<td>2651</td>
<td>2928</td>
<td>3589</td>
<td>4582</td>
</tr>
<tr>
<td>Amps</td>
<td>1.4</td>
<td>1.9</td>
<td>3.9</td>
<td>4.6</td>
<td>6.1</td>
<td>6.4</td>
</tr>
<tr>
<td>RPM</td>
<td>1453</td>
<td>1363</td>
<td>1399</td>
<td>1359</td>
<td>1376</td>
<td>1352</td>
</tr>
<tr>
<td>LwA dB(A)</td>
<td>70</td>
<td>75</td>
<td>79</td>
<td>77</td>
<td>78</td>
<td>80</td>
</tr>
<tr>
<td>LpA dB(A) at 3m</td>
<td>49</td>
<td>54</td>
<td>58</td>
<td>56</td>
<td>57</td>
<td>59</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 rating 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.

### Electrical Data

#### Dimension (mm)

<table>
<thead>
<tr>
<th>MODEL</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>I</th>
<th>J</th>
<th>Weight (Kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>CFD 7/8</td>
<td>610</td>
<td>320</td>
<td>321</td>
<td>239</td>
<td>96</td>
<td>446</td>
<td>137</td>
<td>660</td>
<td>47</td>
<td>186</td>
<td>19</td>
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<tr>
<td>CFD 8/8</td>
<td>610</td>
<td>450</td>
<td>370</td>
<td>246</td>
<td>162</td>
<td>446</td>
<td>267</td>
<td>660</td>
<td>47</td>
<td>233</td>
<td>20</td>
</tr>
<tr>
<td>CFD 9/7</td>
<td>616</td>
<td>395</td>
<td>396</td>
<td>233</td>
<td>264</td>
<td>453</td>
<td>212</td>
<td>666</td>
<td>47</td>
<td>259</td>
<td>27</td>
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<td>CFD 9/9</td>
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<td>450</td>
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<td>738</td>
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<td>333</td>
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<tr>
<td>CFD 10/8</td>
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<td>520</td>
<td>491</td>
<td>265</td>
<td>290</td>
<td>605</td>
<td>337</td>
<td>818</td>
<td>47</td>
<td>354</td>
<td>37</td>
</tr>
<tr>
<td>CFD 10/10</td>
<td>768</td>
<td>520</td>
<td>491</td>
<td>335</td>
<td>290</td>
<td>605</td>
<td>337</td>
<td>818</td>
<td>47</td>
<td>354</td>
<td>38</td>
</tr>
</tbody>
</table>
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CFD SERIES

1. High static pressure application suitable for installation with duct
2. In line application
3. Uniquely designed 3 speed motors
4. Removable access panel for ease of maintenance
5. Compact in size
6. Elegant appearance
7. Low sound level

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