INDUSTRIAL DIRECT DRIVE 16
Ambient (Unheated) Air Curtain
Data Sheet

For Mounting Heights To 16’ (environmental separation) and 14’ (insect control)

STANDARD CONSTRUCTION
- Single speed T.E.A.O. motor(s) - direct drive
- Gray powder coated exterior (Optional: Custom Color or Stainless)
- Split cabinet construction for fan assembly removal
- Top Mounting only
- Front air intake (Optional: top)
- High efficiency Pro-V Nozzle

Berner International certifies that the air curtains shown herein are licensed to bear the AMCA Seal. The ratings shown are based on tests and procedures performed in accordance with AMCA Publication 211 and comply with the requirements of the AMCA Certified Ratings Program. Rated data shown is for base (unheated) units. The AMCA Certified Ratings Seal applies to airflow rate, average outlet velocity, outlet velocity uniformity, velocity projection and power rating at free delivery only.

Models IDC16-1084A, IDC16-1108A, IDC16-1132A, IDC16-1156A and IDC16-2180A are not licensed to bear the AMCA seal.

NOTE:
1. Operation at 50 Hz will generate approximately a 17% reduction in air performance.
2. Consult factory for vertically mounted units.
See sheet EP-420 for amp draws/total load requirements.

### VELOCITY PROFILE: Model IDC16-1060A

<table>
<thead>
<tr>
<th>Distance from Nozzle (in)</th>
<th>40</th>
<th>80</th>
<th>120</th>
<th>160</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core Velocity (fpm)</td>
<td>4227</td>
<td>2320</td>
<td>1840</td>
<td>1560</td>
</tr>
<tr>
<td>Uniformity (%)</td>
<td>89</td>
<td>88</td>
<td>88</td>
<td>85</td>
</tr>
</tbody>
</table>

Sound level measured 10’ (3m) from the unit in free field:
3, 5, 7½, (5 + 3) & (5 + 5) hp motor(s):
68 dBA, 70 dBA, 71 dBA, 72 dBA & 73 dBA
Sound data is not AMCA certified.

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### MODEL NUMBER CONFIGURATION

**IDC16-1 060 A D-F-SS**

<table>
<thead>
<tr>
<th>Series</th>
<th># of Motors</th>
<th>Opening Width</th>
<th>Heat</th>
<th>Voltage</th>
<th>Intake</th>
<th>Opt. Cabinet Finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>IDC16</td>
<td>1, 2</td>
<td>060” - 192”</td>
<td>A= Ambient</td>
<td>D-208/3/60 E-240/3/60 H-480/3/60 L-600/3/60 T-380/3/50</td>
<td>T=Top F=Front</td>
<td>SS=Stainless Steel CC=Custom Color</td>
</tr>
</tbody>
</table>

www.berner.com  
Berner International  
800.245.4455  
111 Progress Ave. / New Castle / PA / 16101 / USA

5 Year Limited Warranty  
Made in USA  
Outdoor Use

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<table>
<thead>
<tr>
<th>MODEL</th>
<th>Qty @ HP</th>
<th># CKTS</th>
<th>AMPS PER CIRCUIT</th>
<th>BREAKER RATING PER CIRCUIT</th>
<th># CKTS</th>
<th>AMPS PER CIRCUIT</th>
<th>BREAKER RATING PER CIRCUIT</th>
<th># CKTS</th>
<th>AMPS PER CIRCUIT</th>
<th>BREAKER RATING PER CIRCUIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>IDC16-1060A</td>
<td>1 @ 3</td>
<td>1</td>
<td>13.1</td>
<td>25</td>
<td>1</td>
<td>12.2</td>
<td>25</td>
<td>1</td>
<td>6.1</td>
<td>15</td>
</tr>
<tr>
<td>IDC16-1072A</td>
<td>1 @ 5</td>
<td>1</td>
<td>17.0</td>
<td>35</td>
<td>1</td>
<td>15.8</td>
<td>35</td>
<td>1</td>
<td>7.9</td>
<td>20</td>
</tr>
<tr>
<td>IDC16-1084A</td>
<td>1 @ 7.5</td>
<td>1</td>
<td>23.0</td>
<td>50</td>
<td>1</td>
<td>22.0</td>
<td>45</td>
<td>1</td>
<td>11.0</td>
<td>25</td>
</tr>
<tr>
<td>IDC16-1096A</td>
<td>1 @ 3</td>
<td>1</td>
<td>3.9</td>
<td>15</td>
<td>1</td>
<td>5.9</td>
<td>15</td>
<td>1</td>
<td>14.0</td>
<td>25</td>
</tr>
<tr>
<td>IDC16-1108A</td>
<td>1 @ 5</td>
<td>1</td>
<td>6.3</td>
<td>15</td>
<td>1</td>
<td>7.7</td>
<td>20</td>
<td>1</td>
<td>13.6</td>
<td>20</td>
</tr>
<tr>
<td>IDC16-1120A</td>
<td>1 @ 7.5</td>
<td>1</td>
<td>8.5</td>
<td>20</td>
<td>1</td>
<td>9.0</td>
<td>20</td>
<td>1</td>
<td>15.4</td>
<td>25</td>
</tr>
<tr>
<td>IDC16-1132A</td>
<td>1 @ 3</td>
<td>1</td>
<td>12.4</td>
<td>20</td>
<td>1</td>
<td>13.6</td>
<td>20</td>
<td>1</td>
<td>15.4</td>
<td>25</td>
</tr>
<tr>
<td>IDC16-1144A</td>
<td>1 @ 5</td>
<td>1</td>
<td>12.6</td>
<td>20</td>
<td>1</td>
<td>15.4</td>
<td>25</td>
<td>1</td>
<td>15.4</td>
<td>25</td>
</tr>
</tbody>
</table>

TOTAL MOTOR AMP DRAW

208/3/60 (voltage code D) 240/3/60 (voltage code E) 480/3/60 (voltage code H)

600/3/60 (voltage code I) 380/3/50 (voltage code T)

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