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.


See sheet EP-440 for amp draws/total load requirements.

### VELOCITY PROFILE: Model IDC20-1060A

<table>
<thead>
<tr>
<th>Distance from Nozzle (in)</th>
<th>40</th>
<th>80</th>
<th>120</th>
<th>160</th>
<th>200</th>
</tr>
</thead>
<tbody>
<tr>
<td>Core Velocity (fpm)</td>
<td>6480</td>
<td>4600</td>
<td>3507</td>
<td>3213</td>
<td>2947</td>
</tr>
<tr>
<td>Uniformity (%)</td>
<td>88</td>
<td>89</td>
<td>90</td>
<td>91</td>
<td>92</td>
</tr>
</tbody>
</table>

Sound level measured 10’ (3m) from the unit in free field:
- 5, 7½, 10, 15 & (7½ + 7½) hp motor(s):
  - 73 dBA, 75 dBA, 76 dBA, 78 dBA & 78 dBA

Sound data is not AMCA certified.

Berner reserves the right to alter specifications without prior notice.
# Electrical Performance Sheet

## Ambient (Unheated) Air Curtain

### INDUSTRIAL DIRECT DRIVE 20

**Model:** IDC20-1060A
- **Qty @ HP:** 1 @ 5
- **AMPS PER CIRCUIT:** 17.0
- **BREAKER RATING PER CIRCUIT:** 35

**Model:** IDC20-1096A
- **Qty @ HP:** 1 @ 7.5
- **AMPS PER CIRCUIT:** 23.0
- **BREAKER RATING PER CIRCUIT:** 50

**Model:** IDC20-1120A
- **Qty @ HP:** 1 @ 10
- **AMPS PER CIRCUIT:** 31.5
- **BREAKER RATING PER CIRCUIT:** 60

**Model:** IDC20-1144A
- **Qty @ HP:** 1 @ 15
- **AMPS PER CIRCUIT:** 46.0
- **BREAKER RATING PER CIRCUIT:** 100

**Model:** IDC20-2192A
- **Qty @ HP:** 2 @ 7.5
- **AMPS PER CIRCUIT:** 46.0
- **BREAKER RATING PER CIRCUIT:** 70

### 600/3/60 (voltage code I)

**Model:** IDC20-1060A
- **Qty @ HP:** 1 @ 5
- **AMPS PER CIRCUIT:** 6.3
- **BREAKER RATING PER CIRCUIT:** 15

**Model:** IDC20-1096A
- **Qty @ HP:** 1 @ 7.5
- **AMPS PER CIRCUIT:** 8.5
- **BREAKER RATING PER CIRCUIT:** 20

**Model:** IDC20-1120A
- **Qty @ HP:** 1 @ 10
- **AMPS PER CIRCUIT:** 11.7
- **BREAKER RATING PER CIRCUIT:** 25

**Model:** IDC20-1144A
- **Qty @ HP:** 1 @ 15
- **AMPS PER CIRCUIT:** 17.5
- **BREAKER RATING PER CIRCUIT:** 35

**Model:** IDC20-2192A
- **Qty @ HP:** 2 @ 7.5
- **AMPS PER CIRCUIT:** 17.0
- **BREAKER RATING PER CIRCUIT:** 30

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**Note:** Berner reserves the right to alter specifications without prior notice.

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NOTES:

Δ Air curtain must be installed so air stream is not obstructed when reflected 90° to either side of flue.
Δ Electrical connections to be flexible.
Δ Field verify dimensions.
Δ Anchors to supporting structure by others.
Δ Accuracy of supporting structure is to be verified by a professional structural engineer.
Δ Letter “A” in model number designates an ambient unit. The “F” designates front intake.
Δ Optional control panel available: left hand mount, right hand mount, or remote, please specify.
Δ Dimensions in inches (centimeters).