# DRIVE-THRU UNIT 3
## Ambient (Unheated) Air Curtain
### Data Sheet

**DS-010** January, 2023

- Suitable for 50hz
- Suitable for outdoor use

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**For Opening Heights up to 3’**

### STANDARD CONSTRUCTION
- 7” high x 7 3/4” deep
- One speed motor(s)
- Factory installed on/off switch
- Clear satin anodized aluminum exterior
- Factory installed “Mount Anywhere” bracket system
- 3 prong power cord, 6’
- Filter (washable)

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**MODEL NUMBER CONFIGURATION**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>Nozzle Width (in)</th>
<th>Max Vel. at Nozzle (fpm)</th>
<th>Avg. Outlet Vel. (fpm)</th>
<th>Air Volume (cfm)</th>
<th>Outlet Vel. Uniformity</th>
<th>Power Rating (kW)</th>
<th>Motor(s) @ hp</th>
<th>Net Wt. (lbs)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DTU03-1018A</td>
<td>16.50</td>
<td>2,800</td>
<td>1,047</td>
<td>135</td>
<td>76%</td>
<td>0.06</td>
<td>1 @ 1/12</td>
<td>9</td>
</tr>
<tr>
<td>DTU03-2026A</td>
<td>24.50</td>
<td>2,800</td>
<td>1,045</td>
<td>200</td>
<td>79%</td>
<td>0.10</td>
<td>1 @ 1/12, 1 @ 1/20</td>
<td>14</td>
</tr>
</tbody>
</table>

**NOTE:** Operation at 50 Hz will generate approximately a 17% reduction in air performance. See sheet EP-010 for amp draws/total load requirements.

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**VELOCITY PROFILE: Model DTU03-2026A**

<table>
<thead>
<tr>
<th>Distance from Nozzle (in)</th>
<th>Core Velocity (fpm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>36</td>
<td>766</td>
</tr>
<tr>
<td>48</td>
<td>723</td>
</tr>
<tr>
<td>60</td>
<td>648</td>
</tr>
</tbody>
</table>

Sound level measured 10’ (3m) from the unit in free field:
1 & 2 motor(s): 51.5 dBA & 52.0 dBA

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Berner reserves the right to alter specifications without prior notice.

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

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<table>
<thead>
<tr>
<th>MODEL</th>
<th># CKTS</th>
<th>AMPS PER CIRCUIT</th>
<th>BREAKER RATING PER CIRCUIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>DTU03-1018A</td>
<td>1</td>
<td>1.6</td>
<td>15</td>
</tr>
<tr>
<td>DTU03-2026A</td>
<td>1</td>
<td>2.2</td>
<td>15</td>
</tr>
</tbody>
</table>

120/1/60 (voltage code A)
MOTOR AMP DRAW = N/A

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TOP VIEW

WALL MOUNTING BRACKETS

0.875 [228] TYP

MOUNTING WIDTH = "C"

2.000 [508]

FRONT VIEW

UNIT WIDTH = "B"

PERFORATED INTAKE SCREEN

END VIEW

6'-0" PLUG IN TYPE POWER
CORE. 120V AMP
RECEPTACLE REQUIRED.

7.750 [196.89]

7.000 [177.8]

7.250 [184.18]

BOTTOM VIEW

NOZZLE WIDTH = "A"

MOUNTING WIDTH = "C"

NOTES:

△ AIR CURTAIN MUST BE INSTALLED SO AIR STREAM IS NOT
OBSERVED WHEN REFLECTED 90° TO EITHER SIDE OF UNIT.

△ ELEVATIONAL DIMENSIONS TO BE FLEXIBLE.

△ FIELD VERIFY DIMENSIONS.

△ ANCHORS TO SUPPORTING STRUCTURE BY OTHERS.

△ STABILITY OF SUPPORTING STRUCTURE IS TO BE VERIFIED
BY A PROFESSIONAL STRUCTURAL ENGINEER.

△ LETTER "44" IN MODEL NUMBER DESIGNATES 120V AMBIENT UNIT.

△ DIMENSIONS IN INCHES DECIMALS.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>NOZZLE WIDTH</th>
<th>UNIT WIDTH</th>
<th>MOUNTING WIDTH</th>
</tr>
</thead>
<tbody>
<tr>
<td>DT.60-10244</td>
<td>15.000 [381]</td>
<td>60.005 [1524]</td>
<td>17.000 [4318]</td>
</tr>
<tr>
<td>DT.60-20244</td>
<td>24.000 [610]</td>
<td>60.005 [1524]</td>
<td>25.000 [635]</td>
</tr>
</tbody>
</table>