DRIVE-THRU UNIT 3
AIR CURTAIN Series # DTU03

Designed specifically for Drive-Thru windows.

Employee well being: KEEP cold air, car fumes and insects OUT!

READY ACCESS
800-621-5045
www.ready-access.com
Drive-Thru Unit 3

Chosen by both QSR managers and restaurant designers who are concerned with protecting the comfort of the person working the window, the DTU Drive-Thru Air Curtain is designed to meet the functional needs of the application, to integrate into the space and to keep installation costs to a minimum.

IDEAL APPLICATIONS:
Drive-Thru Windows
Concession Windows

HEAT OPTIONS:
Electric

For window heights to 3’

Standard Construction
- 7” high x 7 ¾” deep
- One-speed motor(s)
- Factory installed on/off switch
- Silver powder-coated extruded aluminum exterior cabinet
- Optional: Filter (washable)
- Parts Warranty: One Year

Installation & Mounting
Simple to install, operate & maintain
- Single lengths 18” or 26”
- No Assembly Required
- Factory installed “mount anywhere” bracket system
- 6’ plug-in type power cord

Control Option
- Magnetic reed door switch kit

UL CUL US
for outdoor use ambient models only

www.ready-access.com
DTU03
AMBIENT SYSTEM

NOTES:

▲ AIR CURTAIN MUST BE INSTALLED SO AIR STREAM IS NOT OBSTRUCTED WHEN DEFLECTED 20° TO EITHER SIDE OF C.
▲ ELECTRICAL CONNECTIONS TO BE FLEXIBLE.
▲ FIELD VERIFY DIMENSIONS.
▲ ANCHORS TO SUPPORTING STRUCTURE BY OTHERS.
▲ ADEQUACY OF SUPPORTING STRUCTURE IS TO BE VERIFIED BY A PROFESSIONAL STRUCTURAL ENGINEER.
▲ LETTER "AA" IN MODEL NUMBER DESIGNATES 150V AMBIENT UNIT.
▲ DIMENSIONS IN INCHES (CENTIMETERS).

<table>
<thead>
<tr>
<th>MODEL</th>
<th>NOZZLE WIDTH &quot;A&quot;</th>
<th>UNIT WIDTH &quot;B&quot;</th>
<th>MOUNTING WIDTH &quot;C&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>DTU03-1618AA</td>
<td>16.500 [41.91]</td>
<td>20.125 [51.12]</td>
<td>17.250 [43.82]</td>
</tr>
</tbody>
</table>
# DRIVE-THRU UNIT 3
Ambient (Unheated) Air Curtain
Electrical Performance Sheet

<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

Berner reserves the right to alter specifications without prior notice.
For Opening Heights up the 3'  

STANDARD CONSTRUCTION  
- 7” high x 7 3/4” deep  
- One speed motor(s)  
- Factory installed on/off switch  
- Silver powder coated extruded aluminum exterior cabinet  
- Factory installed “Mount Anywhere” bracket system  
- 6’ plug-in type power cord  
- Filter (washable)  

<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>78%</td>
<td>0.06</td>
<td>1 @ 1/12</td>
<td>11</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>16</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.

MODEL NUMBER CONFIGURATION  
DTU03-1 018 A A  

<table>
<thead>
<tr>
<th>Series</th>
<th># of Motors</th>
<th>Opening Width</th>
<th>Heat</th>
<th>Voltage</th>
</tr>
</thead>
<tbody>
<tr>
<td>DTU03</td>
<td>1, 2</td>
<td>18” - 26”</td>
<td>A= Ambient</td>
<td>*A=120/1/60</td>
</tr>
</tbody>
</table>

*Suitable for 50 Hz

VELOCITY PROFILE: Model DTU03-1018A  

<table>
<thead>
<tr>
<th>Distance from Nozzle (in)</th>
<th>Core Velocity (fpm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1622</td>
</tr>
<tr>
<td>36</td>
<td>783</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

Berner reserves the right to alter specifications without prior notice.
TOP VIEW

WALL MOUNTING BRACKETS

0.875 [22.2] TYP

MOUNTING WIDTH - "C"

1254

800

2403

600

FRONT VIEW

UNIT WIDTH - "B"

PERFORATED INTAKE SCREEN

END VIEW

UNIT WIDTH - "B"

AIRFLOW

END VIEW

7.750 [19.69]

6’-6” PLUG IN TYPE POWER CORD 20 AMP RECEPTACLE REQUIRED.

FLOW

7000 [1778]

AIRFLOW

BOTTOM VIEW

NOZZLE WIDTH - "A"

1125 [28.6]

NOTE:

1. AIR CURTAIN MUST BE INSTALLED SO AIR STREAM IS NOT OBSTRUCTED WHEN DEFLECTED 90° TO EITHER SIDE OF C.
2. ELECTRICAL CONNECTIONS TO BE FLEXIBLE.
3. FIELD VERIFY DIMENSIONS.
4. ANCHORS TO SUPPORTING STRUCTURE BY OTHERS.
5. ADEQUACY OF SUPPORTING STRUCTURE IS TO BE VERIFIED BY A PROFESSIONAL STRUCTURAL ENGINEER.
6. LETTER "EA" IN MODEL DESIGNATES 120V ELECTRIC HEATED UNIT.
7. DIMENSIONS IN INCHES (CENTIMETERS).
### DRIVE-THRU UNIT 3
Electric Heated Air Curtain
Electrical Performance Sheet

<table>
<thead>
<tr>
<th>MODEL</th>
<th>kW (suffix)</th>
<th>Temp Rise °F</th>
<th># CKTS</th>
<th>AMPS PER CIRCUIT (including motor)</th>
<th>BREAKER RATING PER CIRCUIT</th>
</tr>
</thead>
<tbody>
<tr>
<td>DTU03-1018E</td>
<td>1.7 (017)</td>
<td>47</td>
<td>1</td>
<td>15.7</td>
<td>20*</td>
</tr>
<tr>
<td>DTU03-2026E</td>
<td>1.7 (017)</td>
<td>31</td>
<td>1</td>
<td>16.4</td>
<td>20*</td>
</tr>
</tbody>
</table>

*Power cord requires 20 amp receptacle
For Opening Heights up to the 3’

STANDARD CONSTRUCTION
- 7” high x 7 3/4” deep
- One speed motor(s)
- Factory installed fan/heat switch
- Silver powder coated extruded aluminum exterior cabinet
- Factory installed “Mount Anywhere” bracket system
- 5’ plug-in type power cord
- Filter (washable)

- Open halical element with point suspension
- Thermal overload protection
- Galvanized steel frame

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DTU03-1 018 E A

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<tr>
<th></th>
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<td>76%</td>
<td>0.06</td>
<td>1 @ 1/12</td>
<td>1.7</td>
<td>5.8</td>
<td>40°</td>
<td>12</td>
</tr>
<tr>
<td>DTU03-2026E</td>
<td>24.50</td>
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<td>200</td>
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<td>0.10</td>
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<td>1.7</td>
<td>5.8</td>
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*Suitable for 50Hz

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1 & 2 motor(s): 51.5 dBA & 52.0 dBA

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

DS-012
June, 2015

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