The Berner RevolvAir™
Air Curtain System for Revolving Doors

Meet the expectation that occupants can comfortably socialize, work, and hang out in the lobby.

800-245-4455
www.Berner.com

When the doors are open,™ BERNER AIR CURTAINS
The Berner RevolvAir™
Air Curtain System for Revolving Doors

- Concealed or Exposed systems
- Modular pre-fitted field assembly
- Simple to install, operate and maintain

Benefits:
- Exterior temperatures, odors & fumes kept out of the lobby
- HVAC operational costs reduced
- Occupant comfort maintained

IDEAL APPLICATIONS:
Main Entrances
Lobbies

HEAT OPTIONS:
Electric
Steam
Hot Water

DISCHARGE & TRANSITION PLENUM:
Modular, pre-fitted construction

- Sized according to revolving door radius & opening width
- Sky white powder coated exterior
- Aluminum airfoil vanes for smooth air flow

Sold Separately:
- Customized trim packages
- Exit sign, red or green LED lettering

Controls
Factory installed Intelliswitch™ digital controller:
- Low voltage circuit for unit activation (BMS)
- Time delay
- External thermostat provision
- RoHS compliant
- Temperature Probe (heated units only)
- Remote Display

Sold Separately:
- Wi-Fi Controller, works with the Berner App
- Handheld Remote Control

Installation & Mounting
Simple to install, operate & maintain
- Air Curtain – no assembly required
- Discharge & Transition Plenum – Modular, pre-fitted construction
- Structural support field provided by others

Custom Colors, Stainless Steel (Grade 304 or better)
Aluminum & other finishes available

DISCHARGE & TRANSITION PLENUM:
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AIR CURTAIN
Standard Construction

- 18” high x 15” deep
- ½ hp motor(s) – direct drive, ten fan speeds
- Factory mounted UL listed control panel
- Sky white powder coated exterior, screen, and access panels
- UL Listed

Parts Warranty:
Ambient - Five years, Heated - Two years

the Berner App!
Order the Wi-Fi Controller to control and monitor from your smart phone!

www.Berner.com
How it Works to Keep the Lobby Comfortable:
The revolving door acts as an air lock, bringing people, but also bringing outside temperatures and fumes into the lobby. When outdoor temperatures are extreme, such as in Winter, the entrance of cold air is quite noticeable.

Mounted over the revolving door, on the interior of the building, the air curtain system provides a low unobtrusive curtain of air across the door opening that keeps the unwanted outside air trapped within the door chambers as they rotate past the lobby.

Berner offers customized aesthetically pleasing trim packages.
**BERNER REVOLVAIR PERFORMANCE DATA**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>Plemum Arc Length (inches)</th>
<th>Max Vel at Nozzle (fps)</th>
<th>Avg. Out. Vel. (fps)</th>
<th>Air Volume (cfm)</th>
<th>Outlet V. Uniformity</th>
<th>Power Rating (kW)</th>
<th>Motor(s) @ HP</th>
<th>Max. Electric Capacity (kW)</th>
<th>Heater Output (kW)</th>
<th>Air Temp Rise (°F)</th>
<th>Air Curtain Weight (lbs)</th>
<th>Plemum Height x W x H / 144 to Multiplier (lbs/sq.ft.)</th>
<th>Special Weight Adder (lbs)</th>
<th>** Discharge Plemum</th>
<th>** Transition Plemum Weight (lbs/sq.ft.)</th>
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<tbody>
<tr>
<td>RVC-103A</td>
<td>36 - 60</td>
<td>1.075</td>
<td>960</td>
<td>200</td>
<td>92%</td>
<td>3.59</td>
<td>3 @ 1/2</td>
<td>404</td>
<td>185</td>
<td>105</td>
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* APPROXIMATE WEIGHT: BASED ON (DOOR ARC OPENING PLUS 4") FOR ESTIMATE ONLY. ACTUAL WEIGHT BASED ON DOOR RAD, UNIT LOCATION, DESIGN AND PLENUM HEIGHT.

** DISCHARGE PLEMUM WEIGHT: PLEMUM FACE AREA SQFT, MULTIPLIER AND WGT. ADDER (W x H / 144) * MULTIPLIER + SPECIAL ADDER = ESTIMATED WEIGHT IN LBS.

W = (DOOR ARC OPENING PLUS 4")

H = DOOR CANOPY PLUS 7" FOR EXPOSED OR PLUS 20" FOR CONCEALED

*** TRANSITION WEIGHT: TRANSITION SOFT. X MULTIPLIER. (W x D /144) * 4.9 = ESTIMATED WEIGHT IN LBS.

W = (UNIT WIDTH)

D = TRANSITION DEPTH (MIN. 8")

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www.berner.com
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Saving Energy and Creating Healthy, Comfortable Environments

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