SAVE-T® AIR CURTAINS

AIR CHAMBER DESIGN
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**LP**: Low Profile ..................................................................................................................................... 16-17
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Air curtains are ideal for separating environments when physical barriers such as doors would get in the way
MAKING AN AIR CURTAIN

TMI International, LLC utilizes the highest quality materials for its air curtains. Each unit is constructed of 100% steel components.

- Intake grill, side panels and top & bottom panels are stainless steel
- Fans and baskets are SG-grade galvanized steel
- The unit is assembled with stainless steel hex screws so the intake grill can be easily removed for regular maintenance and cleaning

HOW AN AIR CURTAIN WORKS

TMI’s $ave-T$ Air Curtain is mounted above a doorway opening, just above the header. Ambient air is drawn through the front intake grill (A) and into the fan baskets (B). The blower wheel (C) forces the air into an air chamber (D) and the air is forced downward through the discharge nozzle (E).

An invisible “wall of air” is created that serves as the barrier to prevent conditioned air from leaving the building and outside air from entering, even when there is no primary door in place.

**TMI’s air compression chamber creates a more uniform air flow to maximize efficiency and reduce noise levels.**

Heaters (see Optional Equipment & Accessories on pages 26 & 27) can be added to the units so that a comfortable environment can be maintained for customers while creating a better, more productive work area for personnel during colder months. Heated units further increase energy savings by lowering heating and cooling costs.
CHOOSING THE RIGHT AIR CURTAIN

Air Curtains reduce energy costs while increasing employee and customer comfort. The high velocity curtain of air created by the unit stops outside wind from entering the building while circulating warm air inside.

During the winter months, air curtains stop exterior cold drafts from entering through open doorways and prevent heated air from escaping. In summer months, air curtains keep warm, humid air out and cool, conditioned air in.

COLD & WIND CONTROL

BUG & DUST CONTROL

HEAT & HUMIDITY CONTROL

AIR CURTAIN APPLICATIONS

<table>
<thead>
<tr>
<th>In-Ceiling</th>
<th>Drive-Through Window</th>
<th>Air-Pro®</th>
<th>Commercial Front Door</th>
<th>Insect Back Door</th>
<th>Low Profile</th>
<th>Light Industrial</th>
<th>Medium Industrial</th>
<th>Heavy Duty Industrial</th>
<th>Extra Heavy Duty Industrial</th>
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<tbody>
<tr>
<td>ICM</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>IBD</td>
<td>X</td>
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<td>DT</td>
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<td>X</td>
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<td>X</td>
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<tr>
<td>AP</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
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<td>X</td>
<td>X</td>
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<td>X</td>
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<td>X</td>
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<tr>
<td>LP</td>
<td>X</td>
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<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>LI</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>MI</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>HD</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
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</tr>
<tr>
<td>XHD</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td>X</td>
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</tbody>
</table>

Climate Control
Environmental Control
Insect Control
Wind Control
Drive-Up Windows
Concession Stands
Office Entrances
Interoffice Separation
Commercial Separation
Hospital Entrances and Hallways
Retail Customer Entrances
Foodservice Entrances
Foodservice Back Doors
Hotel, Resort and Casino Entrances
Hotel, Resort and Casino Back Doors
Loading Docks
Internal Warehouse Openings
Shipping and Receiving Doors
Auto Body Open Bays
Paint Booths
Walk-In Coolers and Freezers
Rail Car Openings
When selecting a **SafeT** Air Curtain, consider all facility and environmental factors that will affect performance and installation:

- Type of Application
- Height & Width of the Opening
- Amount of Direct External Wind Exposure
- Pressure Balance Inside the Building
- Any Heating Option Requirement

The entire opening width must be covered by the air curtain. Height and wind exposure velocity can be managed by adjusting air flow. Deficiencies in pressure balance must be remedied by adjusting the source of the imbalance.

### Installation Information Required

#### Installation Details
- Width of Opening ____________ in.
- Height of Opening ____________ in.

#### Purpose of Air Curtain
- Insect Control
- Environment/Climate Control
- Both

#### Opening Type
- Retail Entry
- Commercial Entry
- Drive-Up Window
- Service Entry
- Loading Dock
- Walk In Cooler
- Interior Opening
- Other

#### Opening Location
- Opening Between Two Interior Spaces
- Opening Between Interior and Exterior
  - Mounted Inside
  - Mounted Outside

#### Wind Speed
- 5-10 mph
- 10-15 mph
- Other ____________

#### Negative Pressure
- Yes (amount in FPM) ____________
- No

#### Voltage Available
- 120/1/60
- 208/3/60
- 600/3/60
- 208/1/60
- 240/3/60
- 480/3/60

#### Heating Option
- Electric
- Indirect Gas
- Steam
- Direct Gas
- Water
- None

#### Activation Type
- Automatic Door Switch
- Manual On / Off
- Remote Hand / Off / Auto Switch
- Other Need ____________

### Maximum Installation Heights

<table>
<thead>
<tr>
<th>MODEL</th>
<th>MAX HEIGHT FOR CLIMATE CONTROL</th>
<th>MAX HEIGHT FOR INSECT CONTROL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air-Pro</td>
<td>7’</td>
<td>7’</td>
</tr>
<tr>
<td>S-CFD</td>
<td>10’</td>
<td>n/a</td>
</tr>
<tr>
<td>S-IBD</td>
<td>10’</td>
<td>10’</td>
</tr>
<tr>
<td>S-LP</td>
<td>11’</td>
<td>n/a</td>
</tr>
<tr>
<td>S-LI</td>
<td>12’</td>
<td>10’</td>
</tr>
<tr>
<td>S-MI</td>
<td>14’</td>
<td>12’</td>
</tr>
<tr>
<td>S-HD</td>
<td>16’</td>
<td>14’</td>
</tr>
<tr>
<td>S-XHD</td>
<td>22’</td>
<td>20’</td>
</tr>
</tbody>
</table>

Approximately 80% of a curtain’s air flow stays inside the facility, while 20% will flow outside.
TMI’s engineering department can provide computer-generated energy saving calculations to show cost savings in years of payback for either heated or air conditioned applications.

**Sample Report**

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Opening Height</td>
<td>10 Feet</td>
<td></td>
</tr>
<tr>
<td>Opening Width</td>
<td>10 Feet</td>
<td></td>
</tr>
<tr>
<td>Average Outside Temp.</td>
<td>32 °F</td>
<td></td>
</tr>
<tr>
<td>Average Inside Temp.</td>
<td>65 °F</td>
<td></td>
</tr>
<tr>
<td>Average Wind Speed</td>
<td>10 MPH</td>
<td></td>
</tr>
<tr>
<td>Time a Day Open</td>
<td>5 HRS/Day</td>
<td></td>
</tr>
<tr>
<td>Days of Operation</td>
<td>5 Days</td>
<td></td>
</tr>
<tr>
<td>Length of Season</td>
<td>26 Weeks</td>
<td></td>
</tr>
<tr>
<td>Cost of Heat</td>
<td>4.25$/MMBTU</td>
<td></td>
</tr>
<tr>
<td>Cost of Electricity</td>
<td>0.07$/KW HR</td>
<td></td>
</tr>
</tbody>
</table>

**With Air Curtain**

- Save 70% of Heat Losses
- Heat Saved: 1,110,128 BTU/HR
- Cost of Heat Saved: $3,066.73/Season
- Cost of Air Curtain Operation: $101.83/Season
- Installed Air Curtain Cost: $3,570.00
- Payback Period: 1.2 Years

**Without Air Curtain:**

- Heat Loss: 1,585,898 BTU/HR
- Cost of Heat Loss: $4,381.04/Season

**ACTIVATION DEVICES**

To regulate operation of Air Curtains, TMI offers a number of activation devices. These allow units to be inactive until the door is opened, or if the curtain has a heating element, a thermostat can control the amount of heat needed.
MOUNTING OPTIONS

How a Safer Air Curtain is mounted depends on the doorway opening and what obstructions are present. TMI’s trained staff can provide custom solutions to overcome almost any mounting problem.

STANDARD WALL MOUNT

STRUT CHANNEL EXTENSIONS, THREADED RODS AND WALL MOUNTING BRACKETS*

STRUT CHANNEL EXTENSIONS, THREADED RODS AND WALL MOUNTING BRACKETS*

WALL MOUNTING BRACKETS

THREADED ROD MOUNT*

WALL MOUNTING BRACKETS AND THREADED RODS*

VERTICAL MOUNTING FOR LOW CEILINGS OR NO HEADER SPACE

MOUNTING PLATE (OPTIONAL)‡

SIDE BAFFLES (OPTIONAL)§

TANDEM MOUNTING
Two units can be mounted side-by-side for larger openings.

* Strut channel extensions optional, threaded rods provided by others.

‡ Mounting plates are standard equipment with Air-Pro® units and are the only method for mounting. (Mounting plates are not available on LP, HD, or XHD units.)

§ Side baffles are clear flexible PVC material mounted on studded strip door hardware.

IMPORTANT: TMI RECOMMENDS ALL MOUNTING BE PERFORMED BY A CERTIFIED CONTRACTOR TO ASSURE THE UNIT IS TIGHTLY SECURED AND COMPLIES WITH ALL SAFETY CODES.
ICM: IN-CEILING MOUNT

ENVIRONMENTAL CONTROL AND PERSONNEL COMFORT FOR CEILINGS UP TO 10’ (120”) HIGH

SIZES

<table>
<thead>
<tr>
<th>MODEL</th>
<th>S-ICM-36-1</th>
<th>S-ICM-48-1</th>
<th>S-ICM-60-1</th>
<th>S-ICM-72-2</th>
<th>S-ICM-84-2</th>
<th>S-ICM-96-2</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nozzle Width</td>
<td>36”</td>
<td>48”</td>
<td>60”</td>
<td>72”</td>
<td>84”</td>
<td>96”</td>
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<tr>
<td>Number of Motors</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Horsepower per Motor</td>
<td>½</td>
<td>½</td>
<td>½</td>
<td>½</td>
<td>½</td>
<td>½</td>
</tr>
<tr>
<td>Amp Draw</td>
<td>120/1/60</td>
<td>2.5</td>
<td>2.5</td>
<td>2.5</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Amp Draw</td>
<td>208/1/60 or 230/1/60</td>
<td>1.4</td>
<td>1.4</td>
<td>2.8</td>
<td>2.8</td>
<td>2.8</td>
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<tr>
<td>Amp Draw</td>
<td>480/1/60</td>
<td>0.7</td>
<td>0.7</td>
<td>0.7</td>
<td>1.4</td>
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<tr>
<td>Amp Draw</td>
<td>575/1/60**</td>
<td>0.6</td>
<td>0.6</td>
<td>0.6</td>
<td>1.2</td>
<td>1.2</td>
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<td>Low</td>
<td>High</td>
<td>Low</td>
<td>High</td>
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</tr>
<tr>
<td>Average FPM</td>
<td>1570</td>
<td>1408</td>
<td>1178</td>
<td>1056</td>
<td>942</td>
<td>845</td>
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<tr>
<td>Maximum CFM</td>
<td>1309</td>
<td>1202</td>
<td>1174</td>
<td>1603</td>
<td>1790</td>
<td>1650</td>
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<tr>
<td>CFM at Nozzle</td>
<td>1005</td>
<td>961</td>
<td>986</td>
<td>1094</td>
<td>1084</td>
<td>977</td>
</tr>
<tr>
<td>Outlet Velocity Uniformity</td>
<td>95%</td>
<td>92%</td>
<td>91%</td>
<td>91%</td>
<td>95%</td>
<td>93%</td>
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<tr>
<td>Unheated Weight (lbs)</td>
<td>171</td>
<td>189</td>
<td>220</td>
<td>242</td>
<td>342</td>
<td>355</td>
</tr>
<tr>
<td>Heater kW</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>20</td>
<td>20</td>
</tr>
<tr>
<td>Temperature Rise</td>
<td>29°</td>
<td>29°</td>
<td>29°</td>
<td>33°</td>
<td>33°</td>
<td>33°</td>
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<tr>
<td>Electric Heater Amp Draw</td>
<td>208/1/60</td>
<td>49.4</td>
<td>49.4</td>
<td>49.4</td>
<td>N/A</td>
<td>N/A</td>
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<td>Electric Heater Amp Draw</td>
<td>240/1/60</td>
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<td>43.1</td>
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<td>Electric Heater Amp Draw</td>
<td>208/3/60</td>
<td>29.2</td>
<td>29.2</td>
<td>29.2</td>
<td>58.4</td>
<td>58.4</td>
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<tr>
<td>Electric Heater Amp Draw</td>
<td>240/3/60</td>
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<td>25.5</td>
<td>51</td>
<td>51</td>
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<tr>
<td>Electric Heater Amp Draw</td>
<td>480/3/60</td>
<td>12.7</td>
<td>12.7</td>
<td>12.7</td>
<td>25.6</td>
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<td>Heated Weight (lbs)</td>
<td>174</td>
<td>196</td>
<td>224</td>
<td>348</td>
<td>36</td>
<td>36</td>
</tr>
</tbody>
</table>

* More than one power supply may be required. **Transformed to 120v.

PERFECT FOR

• Office Entrances and Vestibules
• Retail and Commercial Entrances
• Hospital Entrances
• Foodservice Doors
• Hotel and Casino Entrances
• School Entrances

FEATURES

• ½ Horsepower, two-speed motors
• Single-piece construction
• Unit is concealed in the ceiling, flush with ceiling panels
• Hinged service panel for cleaning and service
• White or optional stainless steel
• Includes filters for improved air quality
• Low noise levels (51 dBA low speed)
• No additional duct work or nozzle extension required
• Optional electric, water or steam heat available
• Single-phase or three-phase power
• Two-year parts warranty for unheated units (18 months heated)
**MODEL S-ICM-108-3**
- Nozzle Width: 108”
- Number of Motors: 3
- Horsepower per Motor: 1/2
- Amp Draw:
  - 120/1/60: 2.1
  - 480/1/60: 2.1
  - 575/1/60: 1.8
- Motor Speed: High
- Maximum FPM at Nozzle: 1904
- Average FPM: 1570
- Maximum CFM: 3928
- CFM at Nozzle: 3239
- Outlet Velocity Uniformity: 92%
- Unheated Weight (lbs): 513
- Heater kW: 30
- Temperature Rise: 29°
- Electric Heater Amp Draw:
  - 208/1/60: 87.4
  - 240/1/60: 76.4
  - 480/3/60: 38.2
- Heated Weight (lbs): 522

**MODEL S-ICM-120-3**
- Nozzle Width: 120”
- Number of Motors: 3
- Horsepower per Motor: 1/2
- Amp Draw:
  - 120/1/60: 2.1
  - 480/1/60: 2.1
  - 575/1/60: 1.8
- Motor Speed: High
- Maximum FPM at Nozzle: 1904
- Average FPM: 1570
- Maximum CFM: 3928
- CFM at Nozzle: 3239
- Outlet Velocity Uniformity: 95%
- Unheated Weight (lbs): 530
- Heater kW: 30
- Temperature Rise: 33°
- Electric Heater Amp Draw:
  - 208/1/60: 87.4
  - 240/1/60: 76.4
  - 480/3/60: 38.2
- Heated Weight (lbs): 547

**MODEL S-ICM-132-3**
- Nozzle Width: 132”
- Number of Motors: 3
- Horsepower per Motor: 1/2
- Amp Draw:
  - 120/1/60: 2.1
  - 480/1/60: 2.1
  - 575/1/60: 1.8
- Motor Speed: High
- Maximum FPM at Nozzle: 1904
- Average FPM: 1570
- Maximum CFM: 3928
- CFM at Nozzle: 3239
- Outlet Velocity Uniformity: 95%
- Unheated Weight (lbs): 545
- Heater kW: 30
- Temperature Rise: 33°
- Electric Heater Amp Draw:
  - 208/1/60: 87.4
  - 240/1/60: 76.4
  - 480/3/60: 38.2
- Heated Weight (lbs): 559

**MODEL S-ICM-144-4**
- Nozzle Width: 144”
- Number of Motors: 4
- Horsepower per Motor: 1/2
- Amp Draw:
  - 120/1/60: 2.8
  - 480/1/60: 2.8
  - 575/1/60: 2.8
- Motor Speed: High
- Maximum FPM at Nozzle: 1904
- Average FPM: 1570
- Maximum CFM: 3928
- CFM at Nozzle: 3239
- Outlet Velocity Uniformity: 95%
- Unheated Weight (lbs): 684
- Heater kW: 40
- Temperature Rise: 33°
- Electric Heater Amp Draw:
  - 208/1/60: 51
  - 240/1/60: 51
  - 240/3/60: 51
  - 480/3/60: 51
- Heated Weight (lbs): 696

**BENEFITS**
- Immediate energy savings—payback in as little as two years
- Prevents infiltration of cold or warm air, increasing comfort
- Stops outside drafts, flying insects and airborne pollutants
- Increased visibility—no physical barrier in the opening
- Optional supplemental heat increases comfort

**RECOMMENDED ACCESSORIES**
- Door Switch
- High / Low Speed Switch *(remote mount)*
- Time Delay
ENVIRONMENTAL CONTROL AND PERSONNEL COMFORT FOR INTERIOR OPENING HEIGHTS UP TO 7’ (84”) HIGH

SIZES

<table>
<thead>
<tr>
<th>Width</th>
<th>24”</th>
<th>36”</th>
<th>42”</th>
<th>48”</th>
<th>60”</th>
<th>72”</th>
</tr>
</thead>
</table>

FEATURES

• 1/3 Horsepower, two-speed motors
• Built in high/low/off switch
• Housing, grill and nozzle are 304 series stainless steel
• Aluminum blower wheels
• Housing finish is available in stainless steel or powder coated white (36” and 42” only)
• Heavy duty directional vane
• All units are 120 V, single-phase, and can be plugged into a standard Type-B outlet
• Stainless steel (-SS) units up to 60” wide are NSF listed for interior use on openings up to 84” high
• One-year parts warranty
• Low noise levels (67 dBA low speed)
• Separate mounting plate for easy installation

PERFECT FOR

• Foodservice Doors
• Hotel Entrances
• Convenience Store Doors
• Food Manufacturing Entrances
• Retail Food Store Doors
• Commercial Kitchen Entrances

<table>
<thead>
<tr>
<th></th>
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<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Nozzle Width</td>
<td>22.50”</td>
<td>34.50”</td>
<td>38.50”</td>
<td>46.25”</td>
<td>58.00”</td>
<td>69.50”</td>
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<tr>
<td>Number of Motors</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>2</td>
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<tr>
<td>Horsepower per Motor</td>
<td>1/3</td>
<td>1/3</td>
<td>1/3</td>
<td>1/3</td>
<td>1/3</td>
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<tr>
<td>Motor Speed</td>
<td>High</td>
<td>Low</td>
<td>High</td>
<td>Low</td>
<td>High</td>
<td>Low</td>
</tr>
<tr>
<td>Amp Draw</td>
<td>3.2</td>
<td>3.2</td>
<td>3.2</td>
<td>3.2</td>
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</tr>
<tr>
<td>Capacity</td>
<td>500 kW</td>
<td>495 kW</td>
<td>495 kW</td>
<td>465 kW</td>
<td>465 kW</td>
<td>465 kW</td>
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<tr>
<td>Maximum FPM at Nozzle</td>
<td>3150</td>
<td>2560</td>
<td>2560</td>
<td>2560</td>
<td>2560</td>
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<tr>
<td>CFM at Nozzle</td>
<td>810</td>
<td>660</td>
<td>1220</td>
<td>990</td>
<td>1360</td>
<td>1100</td>
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<tr>
<td>Weight (lbs)</td>
<td>30</td>
<td>43</td>
<td>47</td>
<td>62</td>
<td>75</td>
<td>86</td>
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</tbody>
</table>

* Only available in stainless steel.
BENEFITS
• Substantially reduces energy costs
• Recirculates warm or cool air inside the building
• Blocks outside drafts, flying insects and airborne pollutants
• Smaller units are perfect for take-out service windows

STANDARD AIR-PRO® EQUIPMENT

All Air-Pro® air curtains run on 120 volts and have single-phase motors, which means they plug into standard Type-B grounded wall outlets for a quick and easy installation.

The Air-Pro® is easy to operate. Each unit has a two-speed motor with a built in high/low/off rocker switch. There is also an adjustable directional vane that allows regulation of the air flow direction.

An automatic door plunger switch is supplied with every Air-Pro® unit. This switch allows the air curtain to be instantly turned on when the door is opened and turned off when the door is closed.

A heavy-duty roller switch is also available as an option.
**PERFECT FOR**
- Office Entrances
- Inter-Office Separation
- Commercial Separation
- Hospital Entrances and Hallways
- Retail and Commercial Entrances
- Foodservice Doors
- Hotel and Casino Entrances

**CLIMATE AND ENVIRONMENTAL CONTROL FOR OPENING HEIGHTS UP TO 10’ (120”) HIGH**

**FEATURES**
- ½ Horsepower, two-speed motors
- Aluminized steel or stainless steel single-piece construction
- Unmatched air flow uniformity
- Optional filters for improved air quality
- Low noise levels (51 dBA low speed)
- Electric, hot water or steam heat optional
- Single-phase or three-phase power
- Two-year parts warranty for unheated units (18 months for heated units)
- Available economy option replaces front intake grill with front intake filter (E-CFD)

**SIZES**

<table>
<thead>
<tr>
<th>MODEL</th>
<th>S-CFD-36-1</th>
<th>S-CFD-42-1</th>
<th>S-CFD-48-1</th>
<th>S-CFD-60-2</th>
<th>S-CFD-72-2</th>
<th>S-CFD-84-2†</th>
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<tbody>
<tr>
<td>Nozzle Width</td>
<td>36&quot;</td>
<td>42&quot;</td>
<td>48&quot;</td>
<td>60&quot;</td>
<td>72&quot;</td>
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<td>½</td>
<td>½</td>
<td>½</td>
<td>½</td>
<td>½</td>
<td>½</td>
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<tr>
<td>Amp Draw</td>
<td>120/1/60</td>
<td>2.5</td>
<td>2.5</td>
<td>2.5</td>
<td>5</td>
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<tr>
<td>208/1/60 or 230/1/60</td>
<td>1.4</td>
<td>1.4</td>
<td>2.8</td>
<td>2.8</td>
<td>2.8</td>
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<tr>
<td>480/1/60</td>
<td>0.7</td>
<td>0.7</td>
<td>1.4</td>
<td>1.4</td>
<td>1.4</td>
<td>1.4</td>
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<tr>
<td>575/1/60**</td>
<td>0.6</td>
<td>0.6</td>
<td>1.2</td>
<td>1.2</td>
<td>1.2</td>
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<tr>
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<td>High</td>
<td>Low</td>
<td>High</td>
<td>Low</td>
<td>High</td>
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<tr>
<td>Maximum FPM at Nozzle</td>
<td>1904</td>
<td>1748</td>
<td>1748</td>
<td>1904</td>
<td>1748</td>
<td>1904</td>
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<td>Average FPM</td>
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<td>1408</td>
<td>1207</td>
<td>1413</td>
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<tr>
<td>Maximum CFM</td>
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<td>1079.96</td>
<td>968.96</td>
<td>1094.98</td>
<td>983.14</td>
<td>1620.15</td>
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<td>961.96</td>
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<td>1094.98</td>
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<td>Outlet Velocity Uniformity</td>
<td>95%</td>
<td>93%</td>
<td>92%</td>
<td>95%</td>
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<td>93%</td>
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<td>Unheated Weight (lbs)</td>
<td>83</td>
<td>90</td>
<td>97</td>
<td>140</td>
<td>162</td>
<td>182</td>
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<td>Heater kW</td>
<td>10</td>
<td>10</td>
<td>10</td>
<td>15</td>
<td>20</td>
<td>20</td>
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<tr>
<td>Temperature Rise</td>
<td>29°</td>
<td>33°</td>
<td>29°</td>
<td>33°</td>
<td>29°</td>
<td>33°</td>
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<tr>
<td>Electric-Heater Amp Draw</td>
<td>208/1/60</td>
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<td>49.4</td>
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<td>N/A</td>
<td>N/A</td>
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<td>240/1/60</td>
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<td>N/A</td>
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<td>208/3/60</td>
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<td>29.2</td>
<td>44.4</td>
<td>58.4</td>
<td>58.4</td>
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<tr>
<td>240/3/60</td>
<td>25.5</td>
<td>25.5</td>
<td>25.5</td>
<td>38.9</td>
<td>51</td>
<td>51</td>
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<td>480/3/60</td>
<td>12.7</td>
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<td>12.7</td>
<td>19.4</td>
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<td>Heated Weight (lbs)</td>
<td>88</td>
<td>95</td>
<td>102</td>
<td>150</td>
<td>172</td>
<td>192</td>
</tr>
</tbody>
</table>

* More than one power supply may be required. **Transformed to 120v. †Not Available as an E-CFD

Call: 800.888.9750  Online: tmi-pvc.com
**MODEL S-CFD-96-2‡**
- Nozzle Width: 96" 108" 118" 133" 145"
- Number of Motors: 2 3 3 3 4
- Horsepower per Motor: ½ ½ ½ ½ ½
- Amp Draw:
  - 120/1/60: 5, 7.5
  - 208/1/60 or 230/1/60: 2.8, 4.2
  - 480/1/60: 1.4, 2.1
  - 575/1/60: 1.2, 1.8
- Motor Speed:
  - High: 1904, 1056
  - Low: 1421, 778
- Maximum FPM at Nozzle: 1904, 1056
- Average FPM at Nozzle: 1421, 778
- Maximum CFM: 3928, 3204
- CFM at Nozzle: 3239, 1942
- Outlet Velocity Uniformity: 92%
- Unheated Weight (lbs): 196, 239
- Heater kW: 20, 30
- Temperature Rise: 29° 33° 29° 33° 29° 33° 29° 33°
- Electric Heater Amp Draw:
  - 208/1/60: N/A
  - 240/1/60: N/A
  - 240/3/60: 51, 76.4
  - 480/3/60: 25.6, 38.2
- Heated Weight (lbs): 206, 244

**MODEL S-CFD-108-3‡**
- Nozzle Width: 108" 108" 118" 133" 145"
- Number of Motors: 2 3 3 3 4
- Horsepower per Motor: ½ ½ ½ ½ ½
- Amp Draw:
  - 120/1/60: 5, 7.5
  - 208/1/60 or 230/1/60: 2.8, 4.2
  - 480/1/60: 1.4, 2.1
  - 575/1/60: 1.2, 1.8
- Motor Speed:
  - High: 1904, 1056
  - Low: 1421, 778
- Maximum FPM at Nozzle: 1904, 1056
- Average FPM at Nozzle: 1421, 778
- Maximum CFM: 3928, 3204
- CFM at Nozzle: 3239, 1942
- Outlet Velocity Uniformity: 92%
- Unheated Weight (lbs): 196, 239
- Heater kW: 20, 30
- Temperature Rise: 29° 33° 29° 33° 29° 33° 29° 33°
- Electric Heater Amp Draw:
  - 208/1/60: N/A
  - 240/1/60: N/A
  - 240/3/60: 51, 76.4
  - 480/3/60: 25.6, 38.2
- Heated Weight (lbs): 206, 244

**MODEL S-CFD-120-3‡**
- Nozzle Width: 118" 118" 133" 145"
- Number of Motors: 2 3 3 4
- Horsepower per Motor: ½ ½ ½ ½
- Amp Draw:
  - 120/1/60: 5, 7.5
  - 208/1/60 or 230/1/60: 2.8, 4.2
  - 480/1/60: 1.4, 2.1
- Motor Speed:
  - High: 1904, 1056
  - Low: 1421, 778
- Maximum FPM at Nozzle: 1904, 1056
- Average FPM at Nozzle: 1421, 778
- Maximum CFM: 3928, 3204
- CFM at Nozzle: 3239, 1942
- Outlet Velocity Uniformity: 92%
- Unheated Weight (lbs): 196, 239
- Heater kW: 20, 30
- Temperature Rise: 29° 33° 29° 33° 29° 33° 29° 33°
- Electric Heater Amp Draw:
  - 208/1/60: N/A
  - 240/1/60: N/A
  - 240/3/60: 51, 76.4
  - 480/3/60: 25.6, 38.2
- Heated Weight (lbs): 206, 244

**MODEL S-CFD-132-3‡**
- Nozzle Width: 133" 133" 145"
- Number of Motors: 2 3 4
- Horsepower per Motor: ½ ½ ½
- Amp Draw:
  - 120/1/60: 5, 7.5
  - 208/1/60 or 230/1/60: 2.8, 4.2
- Motor Speed:
  - High: 1904, 1056
  - Low: 1421, 778
- Maximum FPM at Nozzle: 1904, 1056
- Average FPM at Nozzle: 1421, 778
- Maximum CFM: 3928, 3204
- CFM at Nozzle: 3239, 1942
- Outlet Velocity Uniformity: 92%
- Unheated Weight (lbs): 196, 239
- Heater kW: 20, 30
- Temperature Rise: 29° 33° 29° 33° 29° 33° 29° 33°
- Electric Heater Amp Draw:
  - 208/1/60: N/A
  - 240/1/60: N/A
  - 240/3/60: 51, 76.4
  - 480/3/60: 25.6, 38.2
- Heated Weight (lbs): 206, 244

**MODEL S-CFD-144-4‡**
- Nozzle Width: 145"
- Number of Motors: 4
- Horsepower per Motor: ½
- Amp Draw:
  - 120/1/60: 5
- Motor Speed:
  - High: 1904
  - Low: 1421
- Maximum FPM at Nozzle: 1904
- Average FPM at Nozzle: 1421
- Maximum CFM: 3928
- CFM at Nozzle: 3239
- Outlet Velocity Uniformity: 92%
- Unheated Weight (lbs): 196
- Heater kW: 20
- Temperature Rise: 29°
- Electric Heater Amp Draw: N/A
- Heated Weight (lbs): 206

**Benefits**
- Immediate energy savings—payback in as little as two years
- Prevents infiltration of cold or warm air, increasing comfort
- Stops outside drafts, flying insects and airborne pollutants
- Increased visibility—no physical barrier in the opening
- Optional supplemental heat increases comfort

**Recommended Accessories**
- Door Switch
- High / Low Speed Switch (remote mount)
- Time Delay
**IBD: INSECT BACK DOOR**

**CLIMATE, ENVIRONMENTAL AND INSECT CONTROL FOR OPENINGS UP TO 10’ (120”) HIGH**

**SIZES**

<table>
<thead>
<tr>
<th>Size (inches)</th>
<th>36”</th>
<th>42”</th>
<th>48”</th>
<th>60”</th>
<th>72”</th>
<th>84”</th>
<th>108”</th>
<th>120”</th>
<th>132”</th>
<th>144”</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nozzle Width</td>
<td>36”</td>
<td>42”</td>
<td>48”</td>
<td>60”</td>
<td>72”</td>
<td>84”</td>
<td>108”</td>
<td>120”</td>
<td>132”</td>
<td>144”</td>
</tr>
<tr>
<td>Number of Motors</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td>2</td>
<td>2</td>
<td>2</td>
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<tr>
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<td>¾</td>
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<td>¾</td>
<td>¾</td>
<td>¾</td>
<td>¾</td>
<td>¾</td>
<td>¾</td>
</tr>
<tr>
<td>Amp Draw</td>
<td>120/1/60</td>
<td>208/1/60 or 230/1/60</td>
<td>480/1/60</td>
<td>575/1/60</td>
<td>120/1/60</td>
<td>208/1/60 or 230/1/60</td>
<td>480/1/60</td>
<td>575/1/60</td>
<td>120/1/60</td>
<td>208/1/60 or 230/1/60</td>
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<td>8.0</td>
<td>8.0</td>
<td>16.0</td>
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<td>16.0</td>
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<tr>
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<td>7.2</td>
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<td>7.2</td>
<td>7.2</td>
<td>7.2</td>
<td>7.2</td>
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<tr>
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<td>92%</td>
<td>95%</td>
<td>95%</td>
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<td>187</td>
<td>187</td>
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</tbody>
</table>

**FEATURES**

- ¾ Horsepower motors
- Aluminized steel or stainless steel single-piece construction
- Unmatched air flow uniformity
- Optional filters for improved air quality
- Low noise levels (63 dBA)
- Single-phase or three-phase power
- Two-year parts warranty
- Electric, hot water or steam heat optional
- Available economy option replaces front intake grill with front intake filter (E-IBD)

**PERFECT FOR**

- Foodservice Doors
- Hotel and Casino Entrances
- Body shop Bays
- Paint Booths
- Retail and Commercial Doors

---

* More than one power supply may be required. ‡ Not available as an E-IBD unit.
**BENEFITS**

- Immediate energy savings—payback in as little as two years
- Prevents infiltration of cold or warm air, increasing comfort
- Stops outside drafts, flying insects and airborne pollutants
- Increased visibility—no physical barrier in the opening
- Optional supplemental heat increases comfort

**RECOMMENDED ACCESSORIES**

- Door Switch
- Hand / Off / Auto Switch (remote mount)

**NOTE**

All Air Curtains are designed to be mounted inside as standard. If used strictly for insect control, the IBD can be mounted outside if optional motors covers are supplied.

<table>
<thead>
<tr>
<th>MODEL</th>
<th>A: OVERALL WIDTH</th>
<th>B: NOZZLE WIDTH</th>
<th>C: MOUNTING WIDTH</th>
<th>D: HEIGHT</th>
<th>E: LENGTH</th>
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<td>37”</td>
<td>36”</td>
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<td>96”</td>
<td>96.0625”</td>
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<td>145”</td>
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<table>
<thead>
<tr>
<th>MODEL</th>
<th>Nozzle Width</th>
<th>Number of Motors</th>
<th>Horsepower per Motor</th>
<th>Amp Draw 120/1/60</th>
<th>Amp Draw 208/1/60 or 230/1/60</th>
<th>Amp Draw 480/1/60</th>
<th>Amp Draw 575/1/60</th>
<th>Maximum FPM at Nozzle</th>
<th>Average FPM</th>
<th>Maximum CFM</th>
<th>CFM at Nozzle</th>
<th>Outlet Velocity Uniformity</th>
<th>Weight</th>
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<tr>
<td>S-IBD-96-2†</td>
<td>96”</td>
<td>2</td>
<td>¾</td>
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<td>7.2</td>
<td>4.0</td>
<td>3.0</td>
<td>4218</td>
<td>2773</td>
<td>7732</td>
<td>5081</td>
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<td>S-IBD-108-3†</td>
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<td>¾</td>
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<td>4.5</td>
<td>4218</td>
<td>3174</td>
<td>9668</td>
<td>7614</td>
<td>95%</td>
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<td>S-IBD-132-3†</td>
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<td>3</td>
<td>¾</td>
<td>24.0</td>
<td>10.8</td>
<td>6.0</td>
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<td>2792</td>
<td>10853</td>
<td>7589</td>
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<td>4</td>
<td>¾</td>
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<td>6</td>
<td>4218</td>
<td>3969</td>
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<td>338</td>
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LP: LOW PROFILE

FOR ENVIRONMENTAL CONTROL AND PERSONNEL COMFORT FOR OPENINGS UP TO 10’ (120”) HIGH

SIZES

<table>
<thead>
<tr>
<th>MODEL</th>
<th>S-LP-30-1</th>
<th>S-LP-36-1</th>
<th>S-LP-42-1</th>
<th>S-LP-48-1</th>
<th>S-LP-60-1</th>
<th>S-LP-72-2</th>
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<tr>
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<td>29”</td>
<td>35”</td>
<td>41”</td>
<td>47”</td>
<td>59”</td>
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<td>1</td>
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<td>¹/₅</td>
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<td>92%</td>
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<td>95%</td>
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<td>94</td>
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<td>40.5</td>
<td>N/A</td>
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<tr>
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<tr>
<td></td>
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<td>10.7</td>
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<td>69</td>
<td>77</td>
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</table>

**Features**

- ¹/₅ Horsepower, variable-speed motors
- Stainless steel, single-piece construction
- Low profile design: Only 8.5” high
- Unmatched air flow uniformity
- Optional filters for improved air quality
- Low noise levels (53 dBA)
- Electric, hot water or steam heat optional
- Single-phase or three-phase power
- Two-year parts warranty for unheated units (18 months for heated units)
- Includes threaded inserts for top mounting

**Perfect for**

- Drive-Through Windows
- Concession Stands
- Patios and Smoking Areas
- Office Entrances
- Inter-Office Separation
- Hospital Entrances and Hallways
- Retail and Commercial Doors
- Foodservice Doors
- Walk-In Coolers
- Hotel and Casino Entrances

**Notes**

- **Perfected to 120v.**

Call: 800.888.9750  Online: tmi-pvc.com
**MODEL S-LP-30-1**
- **A: OVERALL WIDTH** 31”
- **B: NOZZLE WIDTH** 29”
- **C: MOUNTING WIDTH** 30”
- **D: HEIGHT** 8.5”
- **E: LENGTH** 13.5”

**MODEL S-LP-36-1**
- **A: OVERALL WIDTH** 37”
- **B: NOZZLE WIDTH** 35”
- **C: MOUNTING WIDTH** 36”
- **D: HEIGHT** 8.5”
- **E: LENGTH** 13.5”

**MODEL S-LP-42-1**
- **A: OVERALL WIDTH** 43”
- **B: NOZZLE WIDTH** 41”
- **C: MOUNTING WIDTH** 42”
- **D: HEIGHT** 8.5”
- **E: LENGTH** 13.5”

**MODEL S-LP-48-1**
- **A: OVERALL WIDTH** 49”
- **B: NOZZLE WIDTH** 47”
- **C: MOUNTING WIDTH** 48”
- **D: HEIGHT** 8.5”
- **E: LENGTH** 13.5”

**MODEL S-LP-60-1**
- **A: OVERALL WIDTH** 61”
- **B: NOZZLE WIDTH** 59”
- **C: MOUNTING WIDTH** 60”
- **D: HEIGHT** 8.5”
- **E: LENGTH** 13.5”

**MODEL S-LP-72-2**
- **A: OVERALL WIDTH** 73”
- **B: NOZZLE WIDTH** 71”
- **C: MOUNTING WIDTH** 72”
- **D: HEIGHT** 8.5”
- **E: LENGTH** 13.5”

**MODEL S-LP-84-2**
- **A: OVERALL WIDTH** 85”
- **B: NOZZLE WIDTH** 83”
- **C: MOUNTING WIDTH** 84”
- **D: HEIGHT** 8.5”
- **E: LENGTH** 13.5”

**MODEL S-LP-96-2**
- **A: OVERALL WIDTH** 97”
- **B: NOZZLE WIDTH** 95”
- **C: MOUNTING WIDTH** 96”
- **D: HEIGHT** 8.5”
- **E: LENGTH** 13.5”

**MODEL S-LP-108-2**
- **A: OVERALL WIDTH** 109”
- **B: NOZZLE WIDTH** 107”
- **C: MOUNTING WIDTH** 108”
- **D: HEIGHT** 8.5”
- **E: LENGTH** 13.5”

**MODEL S-LP-120-2**
- **A: OVERALL WIDTH** 119”
- **B: NOZZLE WIDTH** 117”
- **C: MOUNTING WIDTH** 118”
- **D: HEIGHT** 8.5”
- **E: LENGTH** 13.5”

---

### BENEFITS
- Immediate energy savings—payback in as little as two years
- Prevents infiltration of cold or warm air, increasing comfort
- Stops outside drafts, flying insects and airborne pollutants
- Increased visibility—no physical barrier in the opening
- Optional supplemental heat, increases comfort

### RECOMMENDED ACCESSORIES
- Variable Speed On / Off Switch
  *(built-in or remote mount)*
- Door Switch
- Time Delay

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<td>107”</td>
<td>119”</td>
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<td>Horsepower per Motor</td>
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<td>¹/₅</td>
<td>¹/₅</td>
<td>¹/₅</td>
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<td>33°</td>
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<td>123</td>
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* More than one power supply may be required.
LI: LIGHT INDUSTRIAL

CLIMATE AND ENVIRONMENTAL CONTROL FOR OPENINGS UP TO 12’ (144”) HIGH AND INSECT CONTROL UP TO 10’ (120”) HIGH

PERFECT FOR
- Loading Docks
- Shipping and Receiving Doors
- Internal Warehouse Openings
- Distribution Center Docks
- Bodyshop Bays
- Conveyor Openings
- Cold Storage Entrances

FEATURES
- ¾ Horsepower, two-speed motors
- Stainless steel single-piece construction
- Unmatched air flow uniformity
- Optional filters for improved air quality
- Low noise levels (56 dBA low speed)
- Electric, hot water or steam heat optional
- Single-phase or three-phase power
- Two-year parts warranty for unheated units (18 months for heated units)

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<td>42”</td>
<td>48”</td>
<td>60”</td>
<td>72”</td>
<td>84”</td>
<td>96”</td>
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<td>¾</td>
<td>¾</td>
<td>¾</td>
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<td>¾</td>
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<td>109</td>
<td>155</td>
<td>177</td>
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* More than one power supply may be required.

Call: 800.888.9750   Online: tmi-pvc.com
**BENEFITS**

- Immediate energy savings—payback in as little as two years
- Prevents infiltration of cold or warm air increasing comfort
- Stops outside drafts, flying insects and airborne pollutants
- Increased visibility—no physical barrier in the opening
- Optional supplemental heat increases comfort

---

**RECOMMENDED ACCESSORIES**

- High / Low / Off Switch (built-in or remote mount)
- Door Switch
- Hand / Off / Auto Switch (remote mount)

---


| Nozzle Width | 108” | 118” | 133” | 145” | 157” | 169” |
| Number of Motors | 3 | 3 | 3 | 4 | 4 | 4 |
| Horsepower per Motor | ¾ | ¾ | ¾ | ¾ | ¾ | ¾ |
| Amp Draw | 24.0 | 24.0 | 24.0 | 32.0 | 32.0 | 32.0 |
| 120/1/60 | 10.8 | 10.8 | 14.4 | 14.4 | 14.4 | 14.4 |
| 208/1/60 or 230/1/60 | 480/1/60 | 6.0 | 6.0 | 8 | 8 | 8 |
| 480/1/60 | 575/1/60 | 4.5 | 4.5 | 4.5 | 6 | 6 |
| Motor Speed | High | Low | High | Low | High | Low | High | Low | High | Low | High | Low |
| Maximum FPM at Nozzle | 4218 | 2837 | 4218 | 2837 | 4218 | 2837 | 4218 | 2837 | 4218 | 2837 | 4218 | 2837 |
| Average FPM | 3702 | 2486 | 3174 | 2134 | 2792 | 1885 | 3696 | 2488 | 3412 | 2297 | 3169 | 2133 |
| Maximum CFM | 8702 | 5853 | 9668 | 6503 | 10853 | 7155 | 11606 | 7806 | 12569 | 8454 | 13532 | 9102 |
| CFM at Nozzle | 7623 | 5130 | 7614 | 5127 | 7589 | 5104 | 10164 | 6840 | 10145 | 6802 | 10126 | 6764 |
| Outlet Velocity Uniformity | 95% | 94% | 94% | 95% | 93% | 93% | 92% |
| Unheated Weight | 255 | 284 | 301 | 354 | 366 | 384 |
| Heater kW | 30 | 30 | 30 | 30 | 40 | 40 |
| Temperature Rise | 13° | 19° | 13° | 19° | 13° | 19° | 13° | 19° | 13° | 19° |
| Electric Heater | 208/1/60 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| Amp Draw | 240/1/60 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| 208/3/60 | 94 | 94 | 94 | N/A | N/A | N/A | N/A | N/A | N/A |
| 240/3/60 | 83 | 83 | 83 | N/A | N/A | N/A | N/A | N/A | N/A |
| 480/3/60 | 42 | 42 | 42 | 52 | 52 | 52 |
| Heated Weight | 255 | 284 | 301 | 354 | 366 | 384 |

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For larger sizes, please contact TMI.

Call: **800.888.9750**  Online: **tmi-pvc.com**
MI: MEDIUM INDUSTRIAL

CLIMATE AND ENVIRONMENTAL CONTROL FOR OPENINGS UP TO 14’ (168”) HIGH AND FOR INSECT CONTROL UP TO 12’ (144”) HIGH

SIZES

PERFECT FOR

- Loading Docks
- Shipping and Receiving Doors
- Internal Warehouse Openings
- Distribution Center Docks
- Bodyshop Bays
- Paint Booths
- Car Washes
- Conveyor Openings
- Cold Storage Entrances
- Walk-In Coolers
- Industrial Ovens

FEATURES

- 1 Horsepower motors
- Stainless steel single-piece construction
- Unmatched air flow uniformity
- Optional filters for improved air quality
- Low noise levels (64 dBA)
- Electric, hot water, steam and indirect gas heat optional
- Single-phase or three-phase power
- Two-year parts warranty for unheated units (18 months for heated units)

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<th>S-MI-42-1</th>
<th>S-MI-48-1</th>
<th>S-MI-60-1</th>
<th>S-MI-60-2</th>
<th>S-MI-72-2</th>
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#### Model

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<th>C: MOUNTING WIDTH</th>
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### BENEFITS

- Immediate energy savings—payback in as little as two years
- Prevents infiltration of cold or warm air increasing comfort
- Stops outside drafts, flying insects and airborne pollutants
- Increased visibility—no physical barrier in the opening
- Optional supplemental heat increases comfort

### RECOMMENDED ACCESSORIES

- Door Switch
- Hand / Off / Auto Switch (remote mount)

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**For larger sizes, please contact TMI.**

Call: 800.888.9750  Online: tmi-pvc.com
**HD: HEAVY DUTY INDUSTRIAL**

**CLIMATE AND ENVIRONMENTAL CONTROL FOR OPENINGS UP TO 16’ (192”) HIGH AND INSECT CONTROL UP TO 14’ (168”) HIGH**

**SIZES**

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<th>84”</th>
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<td>155</td>
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**PERFECT FOR**

- Loading Docks
- Shipping and Receiving Doors
- Internal Warehouse Openings
- Bodyshop Bays
- Paint Booths

**FEATURES**

- 1½ Horsepower motors
- Stainless steel single-piece construction
- Unmatched air flow uniformity
- Optional filters for improved air quality
- Low noise levels (66 dBA)
- Electric, hot water, steam and indirect gas heat optional
- Three-phase power
- Two-year parts warranty for unheated units (18 months for heated units)
BENEFITS

- Immediate energy savings—payback in as little as two years
- Prevents infiltration of cold or warm air increasing comfort
- Stops outside drafts, flying insects and airborne pollutants
- Increased visibility—no physical barrier in the opening
- Optional supplemental heat increases comfort

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For larger sizes, please contact TMI.

Call: 800.888.9750  Online: tmi-pvc.com
**XHD: EXTRA HEAVY DUTY INDUSTRIAL**

**ENVIROMENTAL CONTROL FOR OPENINGS UP TO 20’ (240”) HIGH AND INSECT CONTROL FOR OPENINGS UP TO 18’ (216”) HIGH**

**FEATURES**
- 5 Horsepower totally enclosed air over motors
- Stainless steel, one-piece construction
- Exceptionally low noise levels (71 dBA)
- Electric, hot water, steam and indirect gas heat optional
- Three-phase power
- Two-year parts warranty for unheated units
  (18 months for heated units)

**SIZES**

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**PERFECT FOR**
- Loading Docks
- Shipping and Receiving Doors
- Internal Warehouse Openings
- Bodyshop Bays
- Paint Booths
- Distribution Center Docks
### BENEFITS

- Immediate energy savings—payback in as little as two years
- Prevents infiltration of cold or warm air increasing comfort
- Stops outside drafts, flying insects and airborne pollutants
- Increased visibility—no physical barrier in the opening
- Optional supplemental heat increases comfort

### RECOMMENDED ACCESSORIES

- Door Switch
- Hand / Off / Auto Switch (remote mount)

### MODEL SPECIFICATIONS

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<th>MODEL</th>
<th>A: OVERALL WIDTH</th>
<th>B: NOZZLE WIDTH</th>
<th>C: MOUNTING WIDTH</th>
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For larger sizes, please contact TMI.

Call: 800.888.9750  Online: tmi-pvc.com
OPTIONAL EQUIPMENT AND ACCESSORIES

CONTROL PANELS: NEMA 4

To minimize field wiring, Air Curtains can be ordered with a pre-mounted control panel, located on either side of the housing. Due to space restrictions, remote-mounted control panels may be optional. Wires from each motor are run to a single junction box, eliminating the need for field motor wiring.

Motor control panels substantially reduce field wiring. The control panels are recommended for all three-phase units. Fused disconnects can be included in the panel or supplied by others.

Motor control panels include the following components:

1. Transformer with fused primary and secondary, providing 120 volts for control circuit
2. Three-phase connector
3. Overload blocks for each motor (3 phase motors only)
4. Terminal strip for easy field connection
5. Grounding lugs
6. Door mounted on/off switch (Optional)

HEATERS

Most Air Curtains have the option of an integral heater. Electric, hot water, steam and indirect gas-fired heaters (model dependent) warm the intake air, improving comfort for employees and customers.
MOUNTING BRACKETS AND PLATES

WALL BRACKETS
Wall brackets are used when the unit must clear obstacles or when a security door travels between the wall and air curtain.

WALL MOUNTING PLATE*
A base plate, securely attached to wall studs, mates to a small bar attached to the air curtain. This allows the unit to be hung quickly.

*AP, CFD, IBD, LI and MI models

STRUT CHANNEL EXTENSION BRACKETS
To mount around obstructions such as door tracks, metal strut channels can be secured to the air curtain to extend the curtain past the obstruction. C-channel and 2x4 tubing are also available.

FILTERS
In environments where the intake air must be clear of dust or grease, air filters should be used. Our filters are made of aluminum mesh and are washable with detergent and water.

EXTENSIONS
Nozzle extensions are typically used when the air curtain is recessed above a ceiling. Each extension is built with an adjustable vane that regulates the direction of the air flow.