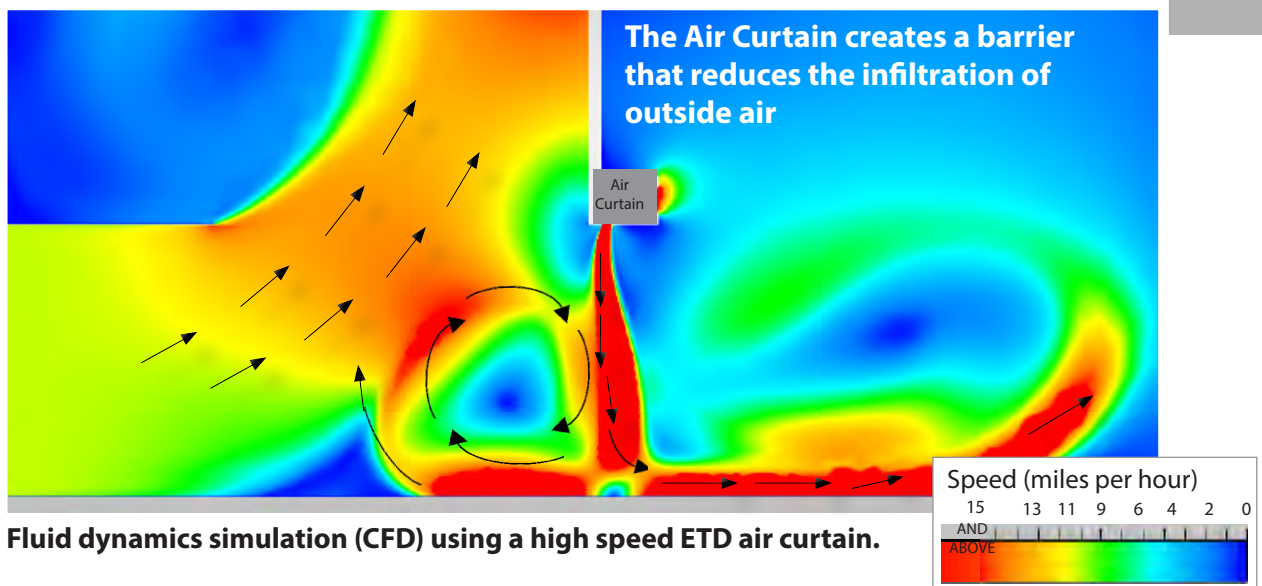


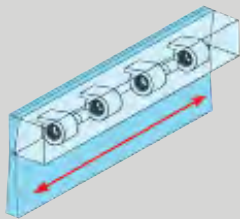
INDUSTRIAL AIR CURTAINS

WHAT IS AN AIR CURTAIN?

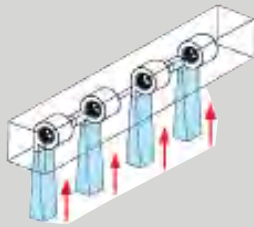
An Air Curtain creates a stream of air that covers the entire width and length of a door opening, effectively reducing the infiltration of unconditioned (outside) air into a conditioned (inside) area. Air curtains also help prevent the entrance of insects, dust and debris while creating a more comfortable industrial workspace.



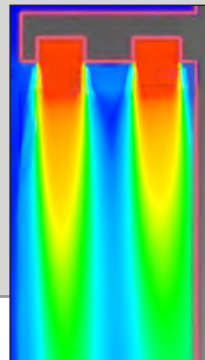
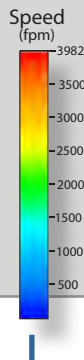
The output speed uniformity is an indicator of the consistency of air velocity across the width of the curtain.



POWERED AIRE directs the fans to the rear of the curtain, creating a Plenum effect. The result is a quieter curtain, better performance and a uniform discharge.



MOST MANUFACTURERS position the air curtain's blowers so that they expel the air directly into the opening. This generates an uneven discharge and additional noise.



THE POWERED AIRE ADVANTAGE

- Stainless Steel Construction
- Quick ROI through instant energy savings
- Helps prevent entry of insects and dust
- Helps prevent outside air infiltration
- Low operational noise level
- Consistent coverage across opening (width & length)
- Sizes/power levels according to your specific needs
- Single unit covers openings up to 30 feet wide
- Fast delivery and superior service
- Arrives ready to install (unit arrives as single piece)

IMPORTANT FACTORS TO CONSIDER WHEN SELECTING THE RIGHT AIR CURTAIN:

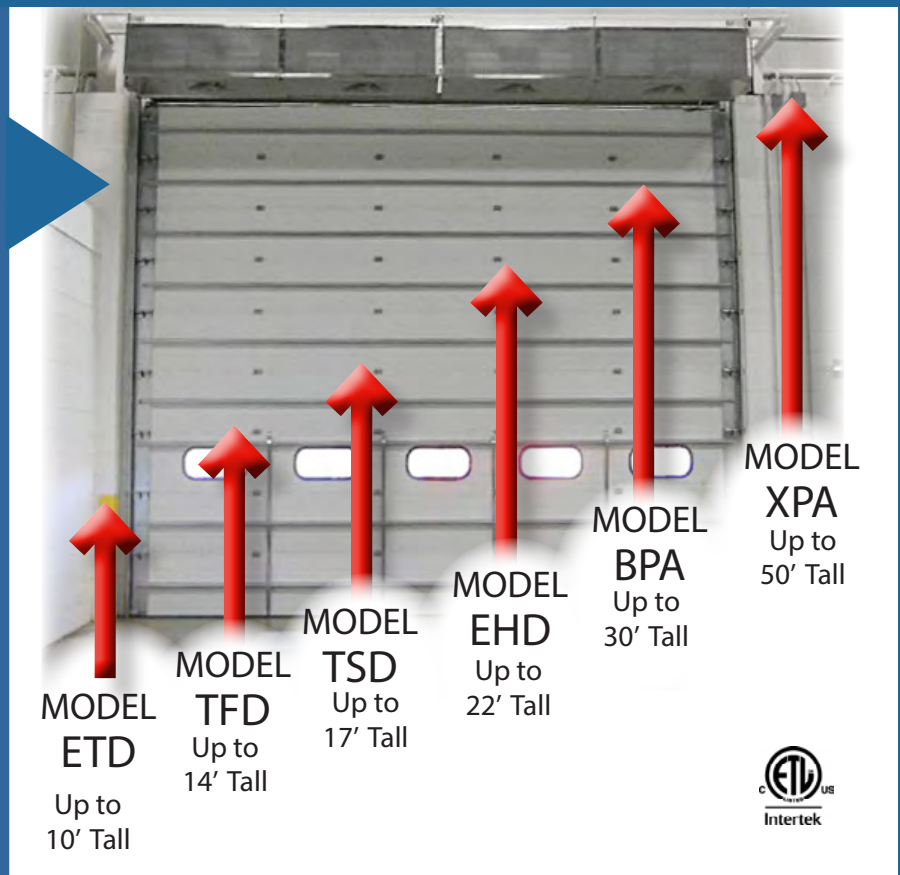
1. What are the main issues? (insects, temperature, etc.)
2. Dimensions of door opening
3. Door type and operational usage (time that it is open and type of door being used)
4. Voltage requirements
5. Special Applications:
 - Hazardous areas
 - Corrosive-Duty
 - Washdown
 - Pass Thru/Drive Thru

** When possible, include a photograph of the door to help us fully understand the application and provide the most accurate quote.*

INDUSTRIAL APPLICATIONS

Powered Aire's Industrial Line was designed to cover and benefit a variety of doors and applications such as:

- Dock Doors
- Cold Storage
- Warehouse Doors
- Food/Material Processing
- Manufacturing Access
- Distribution Centers
- Hangars
- Any opening up to 30' Wide by 50' High



COMMON INDUSTRIAL INSTALLATION OPTIONS



COMMON INDUSTRIAL ACTIVATION AND CONTROL OPTIONS

Industrial Magnetic Door Switch SM-226L



Combination Roller/Plunger Door Switch



Built-in Time Delay Relay



Motion Sensor



Wobble Door Switch



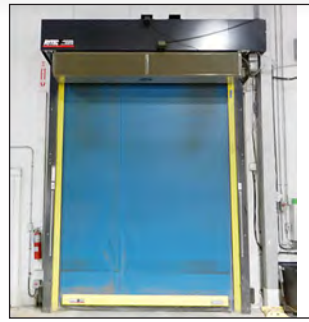
Industrial Magnetic Track-Mounted Door Switch



COLD STORAGE APPLICATIONS

USE A FREEZER AIR CURTAIN TO HELP:

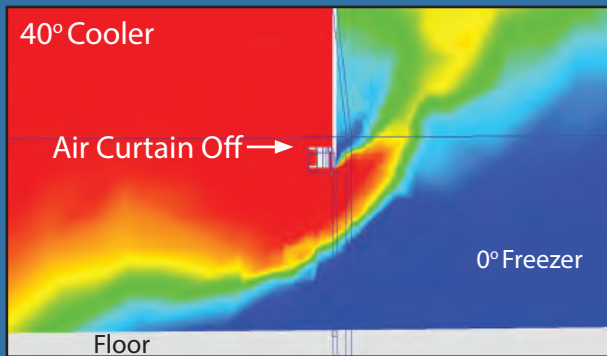
- Prevent the formation of ice or frost on the walls and header of the freezer doors
- Prevent icing and condensation on high-speed cooler and freezer doors
- Reduce/eliminate frozen, wet or wet-ground hazards in door area that can be dangerous to forklifts and plant personnel
- Eliminate the need for strip doors/curtains that present visibility, safety and sanitation problems due to build-up of dirt, debris and contaminants



TYPICAL APPLICATIONS FOR COOLER AND FREEZER AIR CURTAINS

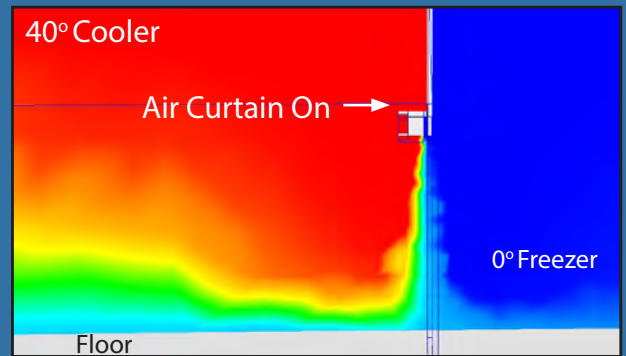
Sliding Insulated Doors • High Speed Doors
Insulated Panel Doors • Loading Dock Doors
Swing Doors • Personnel Access Doors

AIR FLOW SIMULATION 10 SECONDS AFTER OPENING THE FREEZER DOOR



Air curtain OFF

VS.



Air Curtain ON

WE ALSO MAKE COMMERCIAL AIR CURTAINS



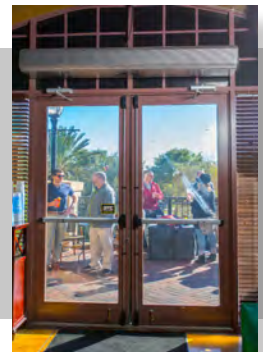
Model PTW



Model CLD



Model CED



Model MP

Have Questions? Need Assistance?

Shoot us an email at:

info@PoweredAire.com

Powered Aire Inc.
109 Mortensen Rd.
Greenville, PA 16125
1-888-321-2473

**POWERED
AIRE Inc.**
AIRE CURTAINS

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