



POWERED AIRE INC.

Aire Time

FOR ARCHITECTS & ENGINEERS

888-321-2473

www.poweredaire.com

4-2011

Your Source For Information on Powered Aire Curtains



Get a head start on summertime insect control!

What's Bugging You?



Doors are designed to facilitate the movement of people, goods and equipment. Unfortunately, they can also allow entry of some unwelcome guests. Winged insects are an opportunistic bunch. They don't wait for an invitation to buzz right in and start bugging you. Just as air curtains can help reduce infiltration of warm air through open doors by up to 80% during the summer months, air curtains can provide the perfect barrier against winged insects. Leading food safety organizations acknowledge the value of air curtains in keeping flying insects at bay. For example:

Powered Aire Curtains



Model BAC

- Optimum power at an economical price!
- NSF 37 Standard
- Indoor or Outdoor



Stainless Steel

Model RBT

- NSF 37 Standard
- Indoor or Outdoor



Stainless Steel

Model BCE & BCT

- Indoor or Outdoor

AIB International (Baking Industry) Food Safety Checklist

- #164 - The physical building was maintained to provide necessary barriers for effective protection against birds, animals, vermin and insects.
- #166 - Segregation of operations was undertaken to the degree appropriate and reasonable. Such segregation was accomplished through the use of **AIR CURTAINS**, partitions, doors, and/or other exclusionary systems as appropriate.

Fly Fact #1: Researchers have found that the average number of germs found on the typical housefly is greater than 1 million.

USDA Non-Chemical Treatment for Fruit

- #3-3-3 - Maintain the insect-free commodities throughout the shipping process. This can be accomplished by using insect-proof containers, screened or enclosed rooms, doors with **AIR CURTAINS**, or some combination of the above.
- #3-3-12 - Place on the wall or ceiling prior to entering any quarantine area an apparatus that generates a high velocity wind barrier or **AIR CURTAIN** (such as fans or blowers and associated air-directing chambers or enclosures such as baffles, boxes, etc). This device must exclude the possible entry of fruit flies into the insect-free enclosure.

Fly Fact #2: Researchers have found that an adult fly usually lives 15-25 days but may live up to 2 months

FDA Food Code 2009 -- 6-202.15,d,2

- (D) ...if the windows or doors of a food establishment, or of a larger structure within which a food establishment is located, are kept open for ventilation or other purposes... the openings shall be protected against the entry of insects and rodents by:
- (1) 16 mesh to 25.4 mm (16 mesh to 1 inch) screens;
 - (2) Properly designed and installed **AIR CURTAINS** to control flying insects; or
 - (3) Other effective means.

Fly Fact #3: Flies have difficulty flying in winds greater than 4 mph