



Commercial Air Curtains

Air curtains, also known as air doors, create an invisible barrier of air across doorways to separate two environments while allowing easy, uninterrupted access. These devices are commonly used in commercial and industrial settings such as retail stores, warehouses, restaurants, and more. Air curtains help improve energy efficiency, maintain indoor climate, prevent the entry of dust and insects, and ensure a comfortable working or shopping environment.

How They Work:

Air curtains use a high-velocity fan to force air through a narrow outlet, creating a uniform air stream. This air barrier can be either heated or unheated depending on the needs of the environment. The key components are:

- **Intake:** Draws air from the surrounding space.
- **Fan:** Accelerates the air for a high-speed stream.
- **Nozzle:** Directs the air across the doorway, creating a barrier.

Key Features

1. Efficient Design

- Mounting heights up to 10 feet for environmental separation or insect control.
- Sleek, durable designs with powder-coated or stainless-steel finishes.

2. Energy Savings

- Reduces HVAC load by maintaining indoor temperatures.
- Minimizes compressor runtime in walk-in coolers and freezers.

3. Versatile Applications

- Ideal for entrances, pass-thru windows, drive-thru counters, and concession stands.
- Customizable sizes and finishes for various commercial needs.

4. Ease of Use

- Simple installation and low maintenance with optional heating features.

