

Commercial Air Curtain

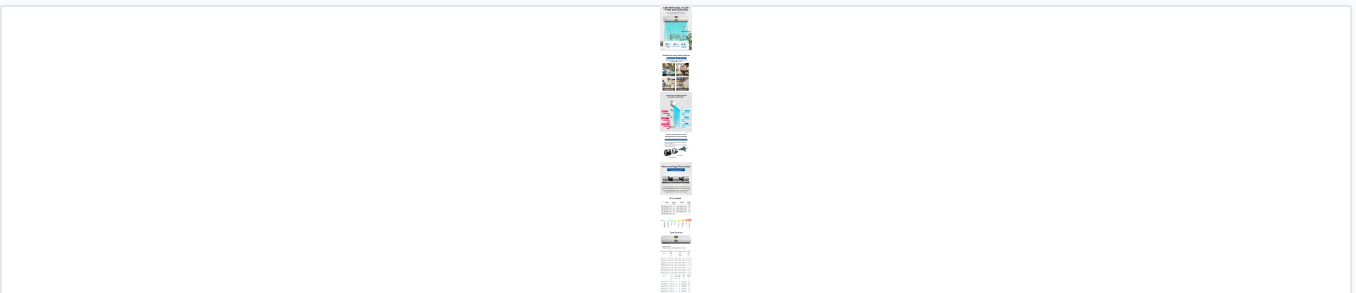
This air curtain is designed for commercial and industrial use, creating an invisible barrier of air. It helps maintain temperature control, reduce energy loss, and prevent the entry of dust and pollutants.



ADDITIONAL IMAGES



Overview



The centrifugal flow air curtain creates a powerful barrier against dust, odors, and temperature loss.

High-Performance Centrifugal Air Curtain

This commercial air curtain creates a powerful invisible barrier to effectively partition indoor and outdoor environments, preventing air convection and maintaining temperature control. Designed for high-traffic areas like shopping malls, warehouses, and supermarkets, it efficiently blocks dust, insects, and odors while reducing energy loss. Featuring a durable ABS material panel and a mute centrifugal-flow turbine, it delivers strong air volume with exceptionally low noise levels.

Performance Metrics

Performance Highlights

22 m/s

Max Air Velocity

41 dB

Minimum Noise

5.5 m

Max Mounting Height

Technical Specifications

Motor Technology

- Pure copper motor for durability
- High torsional force and high speed
- Roller bearing for steady operation
- 30 years of manufacturing expertise

Voltage Options

220-240V/50Hz, 110V/50Hz, 220V/50Hz

Construction & Design

Housing Material

New type ABS material panel with strong corrosion resistance

Turbine System

Mute centrifugal-flow turbine with vortex shell design for enhanced air pressure

Application

Recommended Applications

Factories • Warehouses • Shopping Malls • Supermarkets

Mounting Height Range

3.0m to 5.5m depending on model

Model Comparison

Model Performance Comparison

Model Series	Max Noise (dB)	Mounting Height (m)
FM-3500 Series	44 - 48	3.0 - 3.5
FM-4500 Series	46 - 51	4.0 - 4.5
FM-5500 Series	52 - 54	5.0 - 5.5

Control Options

Remote Control

Yes