

Cross Flow Air Curtain

This cross flow air curtain is designed to create an invisible air barrier, separating different environments. It is suitable for commercial and industrial settings such as retail stores and warehouses.



ADDITIONAL IMAGES



Overview

High-Efficiency Cross Flow Air Curtain

This cross flow air curtain is engineered to create an invisible climate barrier, effectively preventing the exchange of air, dust, and insects while reducing energy loss. Featuring a sleek metal and plastic grill design, it offers a high-efficiency motor and quiet blower for consistent performance in commercial and industrial environments. The unit is designed for easy maintenance and versatile installation above doorways to maintain stable indoor temperatures.

Performance Metrics

Key Performance Indicators

10.5 m/s
Air Velocity

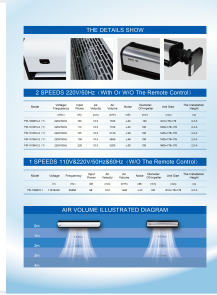
3200 m³/h
Max Air Volume

3 m
Max Install Height

Air Velocity at Distance

- 0m: 7-9.5 m/s
- 1m: 4-5.5 m/s
- 2m: 2-3 m/s
- 3m: 1.5-2 m/s

Technical Specifications



Detailed technical specifications and air velocity distribution diagram across different models.

Model Specifications (220V/50Hz)

Model	Power (W)	Air Volume (m³/h)	Noise (dB)	Unit Size (mm)
FM-1009H3-2 (Y)	100	1550	<45	910x178x176
FM-1010H3-2 (Y)	115	1720	<45	1000x178x176
FM-1012H3-2 (Y)	135	2130	d46	1205x178x176
FM-1015H3-2 (Y)	150	2650	d48	1500x178x176
FM-1018H3-2 (Y)	220	3200	d50	1800x178x176

Design & Construction



The H3 and H5 models feature a modern metal and plastic grill design with high-efficiency motors.

Casing Options

- H3 Model: Galvanized Steel
- H5 Model: Aluminum Casing
- Optional painted colors available

Key Features

Low Noise • High Air Volume • Easy Maintenance • Quiet Blower

Impeller Diameter	100 mm
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Control & Installation

Control Options	Manual Control, Remote Control, 2-Speed Settings
Recommended Installation Height	2.3 - 3 meters