



# COMPANY INTRODUCTION

AR Air Curtain established in the year 2000, specialising in R&D, Manufacturing & Sale of different ventilation solutions with 23 years of experience in the ventilation industry, we are the industry experts of the following ventilation products - Air Curtains , Coolers, Split Air Conditioning Blowers, Chimney Blowers, Elevator Fans , Fly Killer/Fly Catchers & PVC Strip Curtains.

We are ISO 9001:2015, CE, ROHS certified. Our manufacturing facility is built with précised sound room with state of art machines including Japanese CNC amada turret punching machine, CNC bending machines, semi-automatic powder coating line, advanced Taiwan automatic moulding machine with robots, automatic welding line, automatic blower balancing line, dynamic blower balancing machines, fully equipped power press unit & fully equipped tool room.

Our advanced manufacturing facility assures the quality of the 98% self-producing component parts of our products are precautiously under control, and we thus provide the superior quality products to our customers.

We always strive in improving the air quality & selling only high quality products with customer benefit being our first duty. We will continuously devote our self to the research & development of new ventilation products.

## OUR CERTIFICATION



# INFRASTRUCTURE

MOULDING MACHINE



ULTRA SONIC WELDING MACHINE



BALANCING MACHINE



RUBBER MOULDING MACHINE



POWER PRESS



SPOT WELDING



TURRET PUNCHING PRESS



CNC BENDING PRESS



SOUND PROOF ROOM



POWDER COATING



MOTOR MANUFACTURING PROCESS



TESTING PANEL



## Professional Manufacturing System

With many years of experience in manufacturing, our team has become more experienced. And skillful a well planned mass production with advanced facility, equipment and different production lines make cross flow product to be widely recognized by the customers.

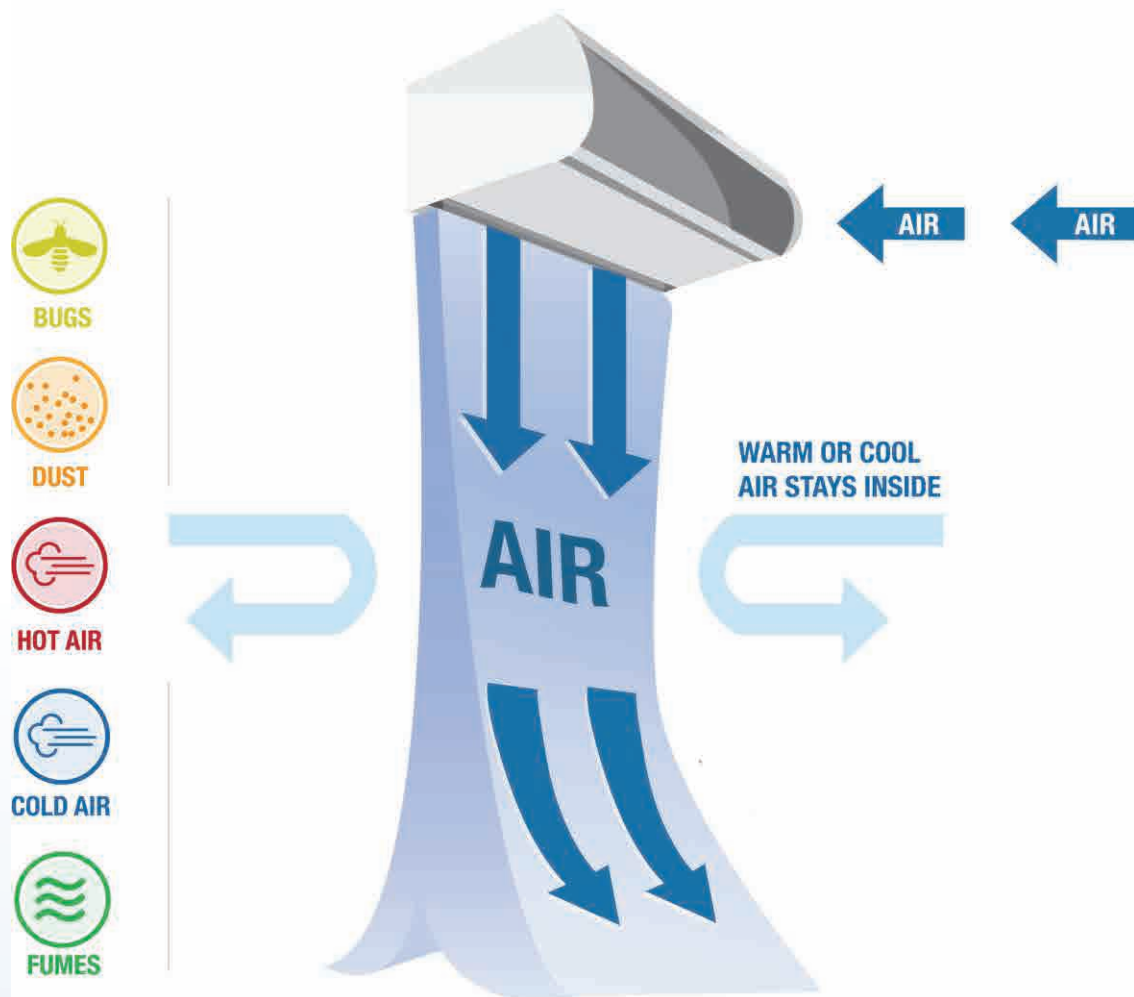
## A Professional Team of AR Air Curtain

We have a team of experienced R & D engineers and employee that we are able to bring our con-concepts of new products into production.

## Professional Quality Management System

We passed ISO 9001:2015 and of obtained approvals, like CE & ROHS, to ensure customers to be confident with our products. The advanced quality testing system, including dynamic balance measurement system and the computer system for testing the motor. We are one of the primary manufacturers that set up testing facility and precised sound room.

# AIR CURTAIN WORKING



## AR Air Curtain Functions

Air Curtain is an air fresher equipment to form an “invisible air door” by running of high speed motor with AR Air or Centrifugal Blowers. It has been widely used in electronic medicine making, food processing, precision processing, chemical, business areas and other industry. It can effectively isolate convection indoor and outdoor and keep temperature and humidity. Air curtain is also called air door, air barrier etc.

### Dust-proof, Insect Prevention.

AR Air air curtains creates high speed and strong air flow, preventing dust from outside efficiently, keeping clean indoor environment.

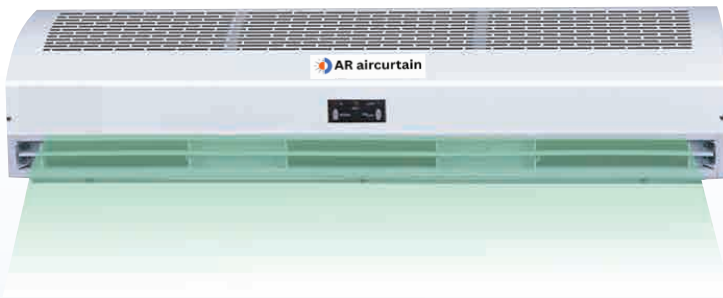
### Isolate The Smell

Air curtain's high speed air flow can isolate outdoor gas and oil, poisonous gas. It also resist smell from kitchen, dining hall, chemical laboratory, freezer etc. Creating a fresh and comfortable environment.

### Energy Saving

The air door separates outdoor from indoor, resisting the escape of indoor cold air/warm air. Thus, it can save the energy consumption of air conditioner in a huge extent. Taking an important role for keeping constant temperature and saving energy in shops, restaurants, and other entertainment places, where have huge flow of people.

# CENTRIFUGAL TYPE AIR CURTAIN



## \* Fan Wheel

The Regular Distances Wheel And Ultra Quite Wind Wheel Can Produce The Powerful Air-flow. It Is Made Of High Tech Abs.



## \* Motor

It adopts the technology of electrical machinery. It runs smoothly With powerful air-flow it operates reliably. And runs safely for 5,000 consecutive hours.



\* Metal Casing, Unique Shape, Easy Installation.

\* Available Multiple Unit Specifications : 600mm, 900mm, 1000mm, 1200mm, 1500mm, 1800mm, 2000mm & 2400mm.

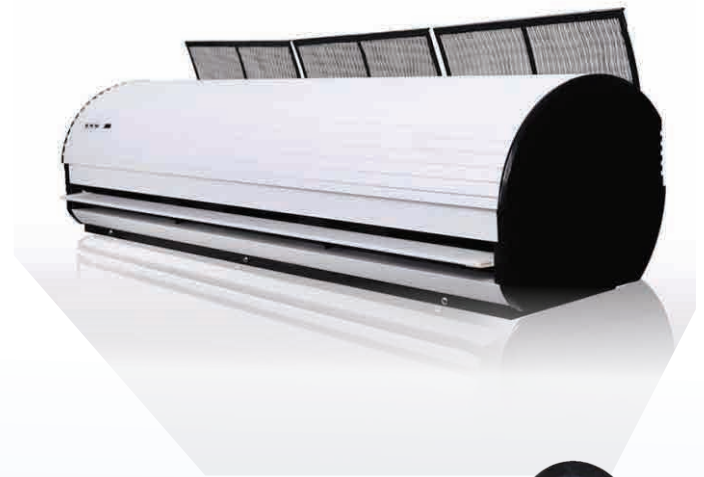
Model	Dimension (MM)	Frequency (Hz)	Voltage (V)	Input Power (W)	Air Volume (M <sup>3</sup> /H)	Air Velocity (M/S)	Noise
AMT-2006	600×230×212	50	230	330	1100	18-21	<55
AMT-2009	900×230×212	50	230	470	1400	18-21	<55
AMT-2010	1000×230×212	50	230	470	1500	18-21	<56
AMT-2012	1200×230×212	50	230	640	1900	18-21	<57
AMT-2015	1500×230×212	50	230	780	2300	18-21	<58
AMT-2018	1800×230×212	50	230	970	2650	18-21	<59
AMT-2020	2000×230×212	50	230	1270	3000	18-21	<62

\* Technical specification is subject to change because regular changes made in R&D

# CENTRIFUGAL TYPE AIR CURTAIN



**INDIA'S FIRST  
ALUMINUM AIR CURTAIN  
WITH FILTER**



**\* Fan Wheel**

The Regular Distances Wheel And Ultra Quite Wind Sheel Can Produce The Powerful Air-flow. It Is Made Of High Tech Abs.



**\* Motor**

It adopts the technology of electrical machinery. It runs smoothly With powerful air-flow it operates reliably. And runs safely for 5,000 consecutive hours.



- \* With full aluminum alloy and plastic shell, the external appearance is noble, graceful and lastingly rustless
- \* Centrifugal fan, wind wheel.
- \* Available multiple unit specifications : 600mm, 900mm, 1000mm, 1200mm, 1500mm, 1800mm & 2000mm

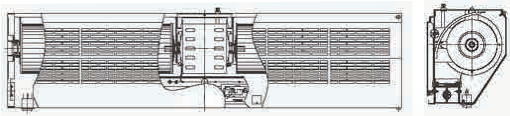
Model	Dimension (MM)	Frequency (Hz)	Voltage (V)	Input Power (W)	Air Volume (M <sup>3</sup> /H)	Air Velocity (M/S)	Noise
ALD-2006 I/R	600×220×240	50	230	330	1100	18-21	<55
ALD-2009 I/R	900×220×240	50	230	470	1400	18-21	<55
ALD-2010 I/R	1000×220×240	50	230	470	1500	18-21	<56
ALD-2012 I/R	1200×220×240	50	230	640	1900	18-21	<57
ALD-2015 I/R	1500×220×240	50	230	780	2300	18-21	<58
ALD-2018 I/R	1800×220×240	50	230	970	2650	18-21	<59
ALD-2020 I/R	2000×220×240	50	230	1270	3000	18-21	<62

\* Technical specification is subject to change because regular changes made in R&D

# TANGENTIAL TYPE AIR CURTAIN



**INDIA'S FIRST  
ULTRA-SLEEK WIDE FLOW AIR CURTAIN  
SAVE 35% ELECTRICITY**



## THROUGH-FLOW INTEGRATED LOW NOISE FAN

Circulating AR Air Duct,  
Wind Wheel Bearing Integrally Formed,  
Made Of Glass Fiber Material.

Non-equidistant Wind Wheel Structure,  
Uniform Air Output And Stable Operation.

Enhanced Wind And Reduced Operating Noise.



Model	Dimension (MM)	Frequency (Hz)	Voltage (V)	Input Power (W)	Air Volume (M <sup>3</sup> /H)	Air Velocity (M/S)	Noise
SLV-60	600×200×160	50	230	350	1600	17-18	<49
SLV-90	900×200×160	50	230	425	1800	17-18	<52
SLV-100	1000×200×160	50	230	435	1900	17-18	<52
SLV-120	1200×200×160	50	230	535	2522	17-18	<53
SLV-150	1500×200×160	50	230	630	3031	17-18	<55
SLV-180	1800×200×160	50	230	710	3536	17-18	<57

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# TANGENTIAL TYPE AIR CURTAIN



**FITTED WITH  
CROMPTON GREAVES  
COPPER MOTOR**

## LARGE WIND AIR CURTAIN STRONG WIND AND EFFICIENT BARRIER

### MOTOR

Its adopt the technology of electrical machinery its runs smoothly with powerful air-flow it operates reliably. And runs safely for 5000 Consecutive hours.



### FAN WHEEL

The unique birthplace flows the wind wheel air flue design, Uses the high accuracy ABS manufacture: can the high speed transient equilibrium low noise revolution.



### COMFORT SYSTEM

Maintaining a constant internal environment, a comfortable temperature is ensured whilst the air is kept fresh.



**AVAILABLE IN SINGLE & THREE PHASE**

**Suitable For Height Upto 12 Feet**

Model	Dimension (MM)	Frequency (Hz)	Voltage (V~)	Input Power (W)	Air Volume (M <sup>3</sup> /H)	Air Velocity (M/S)	Noise
CFI-1706	600×220×240	50	230/415	330	1400	15-17	<55
CFI-1709	900×220×240	50	230/415	410	2100	15-17	<55
CFI-1710	1000×220×240	50	230/415	410	2400	15-17	<56
CFI-1712	1200×220×240	50	230/415	490	2900	15-17	<57
CFI-1715	1500×220×240	50	230/415	610	3600	15-17	<58
CFI-1718	1800×220×240	50	230/415	860	4400	15-17	<59
CFI-1720	2000×220×240	50	230/415	1030	5000	15-17	<62

\* Technical specification is subject to change because regular changes made in R&D

# CENTRIFUGAL TYPE AIR CURTAIN



**\* Fan Wheel**

The Regular Distances Wheel And Ultra Quite Wind Wheel Can Produce The Powerful Air-flow. It Is Made Of High Tech Abs.



**\* Motor**

It adopts the technology of electrical machinery. It runs smoothly With powerful air-flow it operates reliably. And runs safely for 5,000 consecutive hours.



\* Stainless Steel Air Curtain Is Made Of 304 Food Grade S.S Sheets Designed As Arc And Ultra-thin, Unique Shape, Easy Installation.

\* Available Multiple Unit Specifications : 600mm, 900mm, 1000mm, 1200mm, 1500mm, 1800mm, 2000mm & 2400mm.

Model	Dimension (MM)	Frequency (Hz)	Voltage (V~)	Input Power (W)	Air Volume (M <sup>3</sup> /H)	Air Velocity (M/S)	Noise
SS-2006	600×230×212	50	230	330	1100	18-21	<55
SS-2009	900×230×212	50	230	470	1400	18-21	<55
SS-2010	1000×230×212	50	230	470	1500	18-21	<56
SS-2012	1200×230×212	50	230	640	1900	18-21	<57
SS-2015	1500×230×212	50	230	780	2300	18-21	<58
SS-2018	1800×230×212	50	230	970	2650	18-21	<59
SS-2020	2000×230×212	50	230	1270	3000	18-21	<62

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# PVC STRIP CURTAIN

**AR Air (INDIA)** is proud to offer a wide variety of high quality PVC Strip Curtains products, manufactured from completely virgin compounds. These products have been tested and certified to meet all relevant federal and international standards and regulations. Available in Widths from 200mm to 5mm, Thicknesses from 1 mm to 5mm.

## STANDARD SMOOTH

Transparent, flexible, economical smooth PVC for indoor and outdoor applications from 150°F to 0°F. Made from compounds that meet federal and international requirements for incidental contact with meat, poultry, or dairy products.

## LOW TEMP SMOOTH

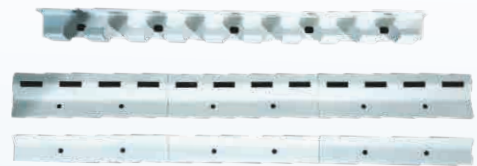
Softer, more flexible, transparent smooth PVC designed to resist cracking and breaking in freezer applications to -40°F. Made from compounds that meet federal and international requirements for incidental contact with meat, poultry, or dairy products.

## LOW TEMP RIBBED

Durable ribbed material reduces scratching from loads passing through opening, designed for heavy-duty, high-traffic applications in environments & made from compounds that meet federal requirements for use in food facilities.



**SS PVC Hanger**

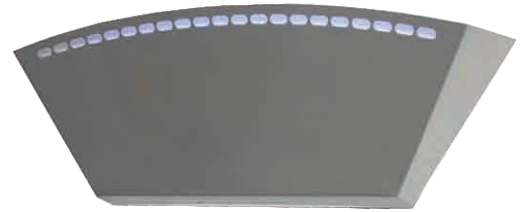
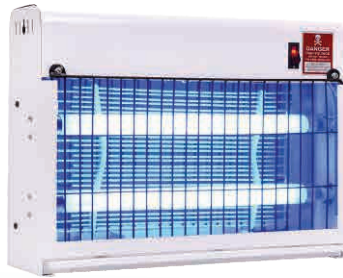


**MS PVC Hanger**



# HYGIENE PRODUCTS

## FLY CATCHER / FLYKILLER



## PLASTIC BLOWER/TANGENTIAL BLOWER



## HAND DRYER

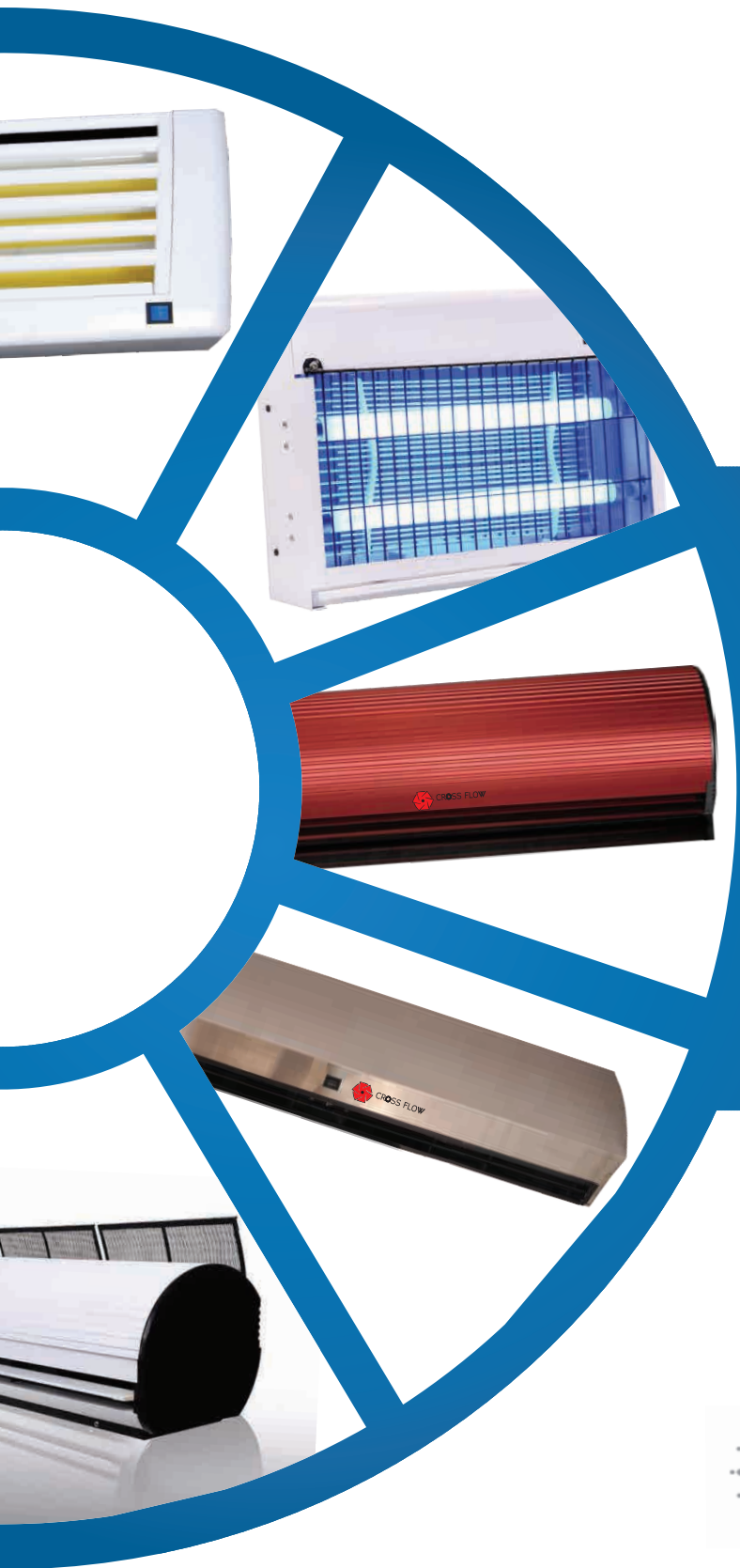


## CROSS FLOW FAN



## SOAP DISPENSER





 **AR aircurtain**

 **AR aircurtain**

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