



ECOSTA SYSTEMS



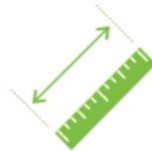
AIR CURTAINS

The air curtain maintains environmental separation with a light flow of air that not only results in lowered energy costs but also helps in preventing air borne contaminants & deterring flying insects from moving from one open place to another-enhancing sanitation & hygiene.

Features



Cooling Retention Effects
Prevents cold air to go outside & hot air to come inside



Super Sleek Design
Aesthetics that speaks of Slim design & looks apt for any modern environment



Resists Ingress of Dirt & Insects
The even air flow pressure helps in keeping away insects



Remote Control Feature
Gives full access to control the mode of air curtain



High Velocity 21 m/s
preventing heating and cooling losses during air conditioning



Door Sensor - Save Electricity
air curtain will start automatically when door is open and will close automatically when door is closed

Merits of installing an Air Curtain

Maintain Hygiene

Prevents the surroundings and sustains hygiene by keeping away.

Save Manpower

Retains comfortable working environment and reduces exhaustion

Attain Safety

Eliminates physical obstruction, reduces misting and facilitates evacuation.

Avail Maximum Comfort

Maintains stability in environment and increases staff and consumer comfort.

Become Energy Efficient

Reduces energy loss, building running costs and Co2 emission.

Exercise Profitability

Increases sales and 'Open door effect' by abolishing visual barriers for customers.

AIR CURTAIN APPLICATIONS



RETAIL AND HOSPITALITY



AUTOMOBILES



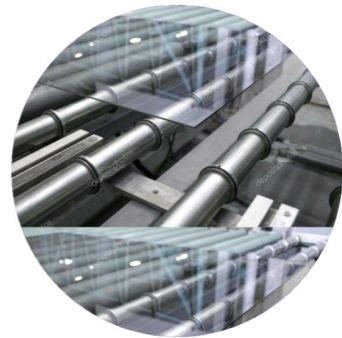
MANUFACTURING



SPECIALY AIR CURTAINS



FOOD PROCESSING INDUSTRY



CONVEYORS AND OPEN DOORS



HVAC AND INSTITUTIONS



COLD ROOM AND FREEZER



MEAT AND DAIRY INDUSTRY

ADVANTAGES

PROTECT FROM

- Hot Summer Temperatures
- Car Fumes - Dust In The Air
- Pollution
- Bad Smells And Odors
- Insects

MAINTAIN

- Heating Levels
- Refrigeration
- Air Conditioning
- Clean Atmosphere
- Comfort

STAYS OUT!

- WARM AIR
- COLD AIR
- FLYING INSECTS
- DIRT/DUST
- WIND



AIR FLOW

AIR INTAKE

- WARM AIR
- COLD AIR

STAYS IN!

OUTSIDE

INSIDE

TECHNICAL SPECS OF C MODEL

SL No	Model no.	MEI 250 C (2.5FT)	MEI 300 C (3FT)	MEI 350 C (3.5FT)	MEI 400 C (4FT)	MEI 500 C (5FT)	MEI 600 C (6FT)	MEI 700 C (7FT)
1	Overall Dimensions L x H x D	762 x 356 x 457	915 X 356 X 457	1067 X 356 X 457	1220 X 356 X 457	1524 X 356 X 457	1830 X 356 X 457	2134 X 356 X 457
2	Standard Height	UP TO 14 FT	UP TO 14 FT	UP TO 14 FT	UP TO 14 FT	UP TO 14 FT	UP TO 14 FT	UP TO 14 FT
3	Velocity at Nozzle Discharge (CFM)	23 m/s	23 m/s	23 m/s	23 m/s	23 m/s	23 m/s	23 m/s
4	Noise level at 10'	55 DB	55 DB	55 DB	55 DB	60 DB	65 DB	70 DB
5	No. of Blower	2 BLOWER	2 BLOWER	2 BLOWER	2 BLOWER	4 BLOWER	4 BLOWER	4 BLOWER
6	No. of Motors	1 MOTOR	1 MOTOR	1 MOTOR	1 MOTOR	2 MOTOR	2 MOTOR	2 MOTOR
7	Phase	Single Phase	Single Phase	Single Phase	Single Phase	Single Phase	Single Phase	Single Phase
8	RPM	1400 RPM	1400 RPM	1400 RPM	1400 RPM	1400 RPM	1400 RPM	1400 RPM
9	Sheet Thickness	1 mm	1 mm	1 mm	1 mm	1 mm	1 mm	1 mm
10	Body Material	BODY MS POWDER COATING	BODY MS POWDER COATING	BODY MS POWDER COATING	BODY MS POWDER COATING	BODY MS POWDER COATING	BODY MS POWDER COATING	BODY MS POWDER COATING
11	Motor No. of Shaft	DUOBLE SHAFT	DUOBLE SHAFT	DUOBLE SHAFT	DUOBLE SHAFT	DUOBLE SHAFT	DUOBLE SHAFT	DUOBLE SHAFT
12	Blower	ALUMINIUM	ALUMINIUM	ALUMINIUM	ALUMINIUM	ALUMINIUM	ALUMINIUM	ALUMINIUM
13	BLOWER SIZE	9" X 8"	9" X 8"	9" X 8"	9" X 8"	9" X 8"	9" X 8"	9" X 8"
14	Electrical Motor	MNC	MNC	MNC	MNC	MNC	MNC	MNC
15	. % Insect / dust	80%	80%	80%	80%	80%	80%	80%
16	Weight in Kg (Approx)	22	25	28	30	45	50	65
17	Motor HP	0.50 H.P & 1/2 H.P	0.50 H.P & 1/2 H.P	0.50 H.P & 1/2 H.P	0.50 H.P & 1/2 H.P	0.50 H.P & 1/2 H.P	0.50 H.P & 1/2 H.P	0.50 H.P & 1/2 H.P
18	Motor winding	Copper winding	Copper winding	Copper winding	Copper winding	Copper winding	Copper winding	Copper winding
19	Bearing	2 RS sheel Bearing	2 RS sheel Bearing	2 RS sheel Bearing	2 RS sheel Bearing	2 RS sheel Bearing	2 RS sheel Bearing	2 RS sheel Bearing

Our Associations



Midea Chilled water Indoor Units

- Cassette Unit
- Fan Coil Unit
- Hi Wall Unit
- Hi Static FCU
- Tower Unit

Transmonk

- Circular Inline Fans
- Propeller Fans
- Rectangular Inline Fans
- Plastic Disc Valves
- Constant Air Flow Regulators
- Air Circulator Fan/Hot Pocket Fans
- Refnet
- EC fans
- Flexible Duct

Shenitech

- BTU Meter
- Flow Meter

Honeywell

- All Types of Valves
- VAVs
- Electronic Air Cleaners

ASPEN

- Condensate Drain **Pumps**
- One Working One Standby System

Fan Air

- Wet/ Dry Scrubber**
- Ventilation Fans

IAQ Improvement Solutions

- UVGI Systems
- Electronic Air Cleaners
- PHIs
- Bipolar Ionazier

MSR Germany

- Hydrogen Sensor with panel
- CO Sensor
- CO2 Sensor

And all sensors related to HVAC Industry

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