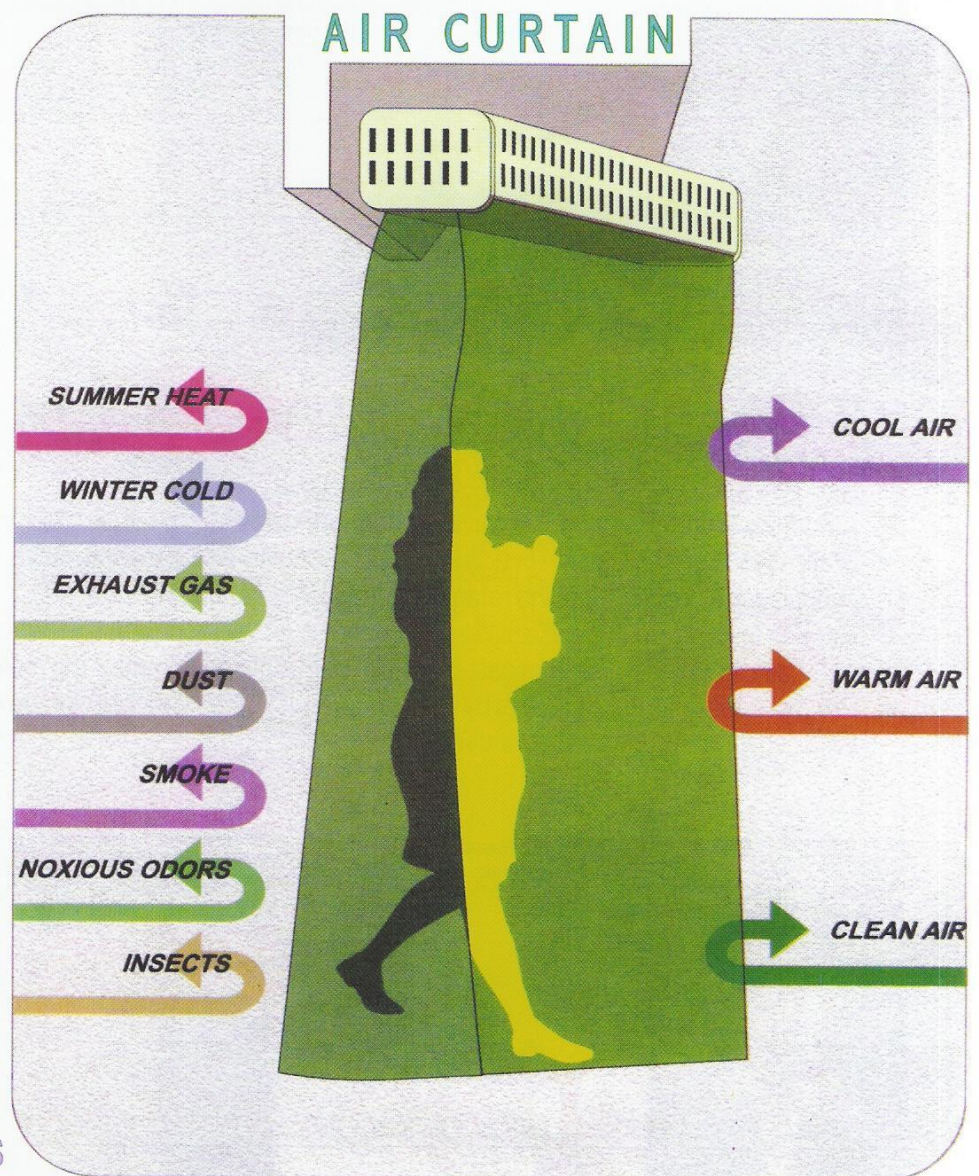
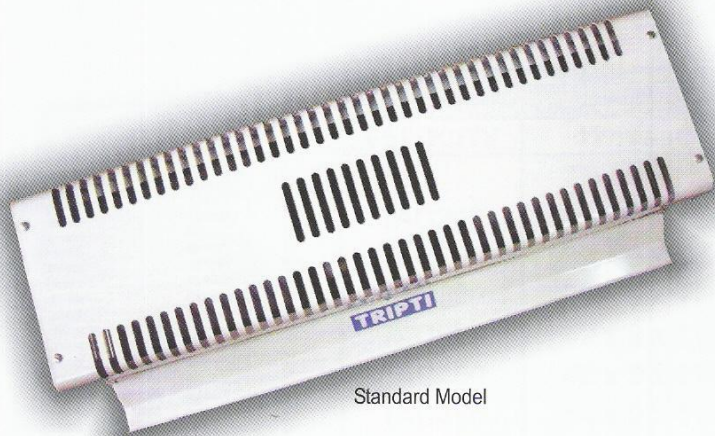


TRIPTI Aircurtains

Benefits of a Hidden Barrier



No Dust
Smell
Insects
Cooling Loss



Standard Model

Stainless Steel
304 Grade
G.M.P. Model

Tripti Air Curtains one of the finest in the Industry because they are manufactured with the dual Ball Bearing type, Dynamically Balanced Aluminum Blowers, Specially designed housing shroud to give you the extra air protection. Tripti Aircurtains are engineered to create an invisible wall that keeps interior environments in and adverse weather out. Aircurtains are often used in the doorways of Industrial & Commercial facilities to separate environment and to provide an invisible barrier for the protection against dust, dirt, odors, fumes, insects etc.

Performance Records on Shut-Outs

70 ~ 90%

Unwanted Air Shut Out Rate
Smell and Dust Shut Out Rate

70 ~ 80%

Insect Shut Out Rate

Special Features :

- Models are available in width from 24" to 108" and for door height upto 30 feet.
- Low sound level
- High air velocity with evenly distributed laminar flow
- Automatic thermal overload protection safeguards motor from burnout. Minimizes maintenance cost.
- Statically & dynamically balanced blowers for durability and quite operation.
- Minimizes air conditioning and refrigeration system overloading
- Creates invisible door that is able to deflect wind gust upto 45 kmph and more
- Internally mounted motor eliminates need for belt guard and enables the motor to be cooled by the blower wheel.
- Prevents possibility of accidents by providing unobstructed view of passageway
- Excellent performance in all climatic conditions.

An air curtain effectively separates the smokers from non-smokers in public - areas (such as hotels lobbies). Non-smokes can enjoy a smoke-free environment as smoke is confined to the smoking area.



The air curtain acts as an invisible barrier to prevent gas, dust, smoke, noxious odors and insects from entering, thus maintaining a pleasant environment.



Air conditioning costs are greatly decreased by the reduction of heat loss in winter and cool - air in summer

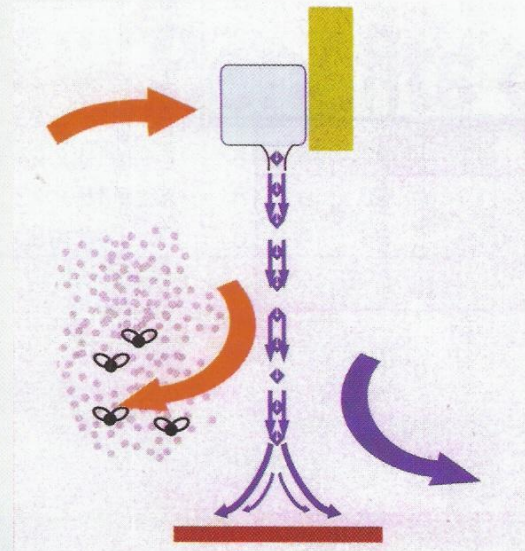


Technology

Triпти air curtains work by creating a 3 inches air barrier at your entrance that curtains the exchange of interior and exterior environment. The air barrier is created by discharging an air stream through a nozzle at a 20-degree (generally) angle. This discharge air is generated at a speed adequate to create a barricading force that prevents an exchange of internal and external environment.

Computer optimized outlets

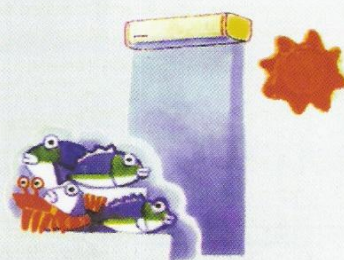
All Triпти air curtain outlets are computer optimized to create least amount of trubulence to form most energy efficient and silent air barrier.



Air Curtains Uses

- ▶ Showrooms
- ▶ Pharmaceutical Industries
- ▶ Walk through Barriers
- ▶ Cinema & Auditorium
- ▶ Electronic Industries
- ▶ Super Markets
- ▶ Warehouses
- ▶ Computer Rooms
- ▶ Cold Storage
- ▶ Banks
- ▶ Packing Units
- ▶ Hospitals
- ▶ Operation Theaters
- ▶ Restaurants
- ▶ Bowling Alleys
- ▶ Lounges
- ▶ Oven Openings
- ▶ Clean Air Application

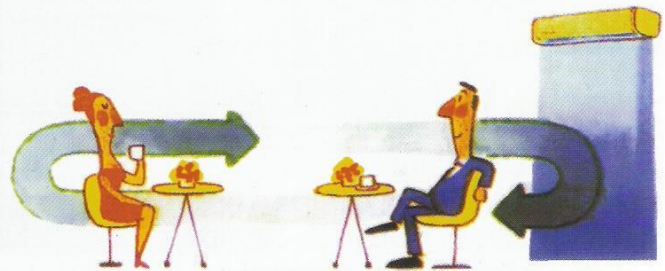
Prevents cooled air from escaping from the refrigerated warehouse even when the door is left open.

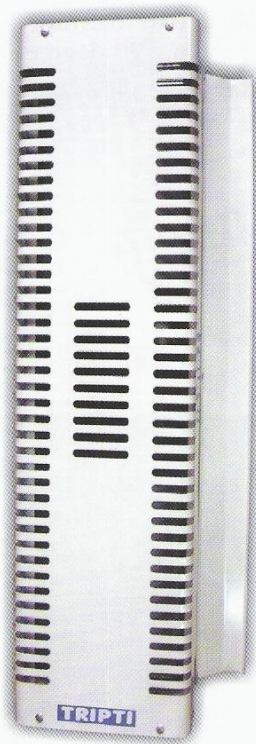


Access and movement of materials is also simple and trouble free, because the "door" is no more than a curtain of air.



Reduces thermal differences and maintains temperatures at balanced levels.





Vertical Model

MODEL	DIMENSIONS				
	VELOCITY	12m/sec	18m/sec	21m/sec	23m/sec
		L x W x H	L x W x H	L x W x H	L x W x H
TAC200		29 x 9 x 11	24 x 11 x 15	24 x 14 x 18	30 x 18 x 23
TAC250		30 x 9 x 11	30 x 11 x 15	30 x 14 x 18	30 x 18 x 23
TAC300		36 x 9 x 11	36 x 11 x 15	36 x 14 x 18	36 x 18 x 23
TAC350		42 x 9 x 11	42 x 11 x 15	42 x 14 x 18	42 x 18 x 23
TAC400		48 x 9 x 11	48 x 11 x 15	48 x 14 x 18	48 x 18 x 23
TAC450		54 x 9 x 11	54 x 11 x 15	54 x 14 x 18	54 x 18 x 23
TAC500		60 x 9 x 11	60 x 11 x 15	60 x 14 x 18	60 x 18 x 23
TAC550		66 x 9 x 11	66 x 11 x 15	66 x 14 x 18	66 x 18 x 23
TAC600		72 x 9 x 11	72 x 11 x 15	72 x 14 x 18	72 x 18 x 23
TAC650		78 x 9 x 11	78 x 11 x 15	78 x 14 x 18	78 x 18 x 23
TAC700		84 x 9 x 11	84 x 11 x 15	84 x 14 x 18	84 x 18 x 23
TAC750		90 x 9 x 11	90 x 11 x 15	90 x 14 x 18	90 x 18 x 23
TAC800		96 x 9 x 11	96 x 11 x 15	96 x 14 x 18	96 x 18 x 23

Optional Items

- Stainless Steel 304 grade Body
- Air Curtains with Filters also available
- Optional door activated micro switch for automatic on/off control
- Sleek Models also available on order

VELOCITY (Feet)	SUITABLE FOR HEIGHT	MOTOR (H.P.)	RPM	BLOWERS Dia x Length(inch)	VOLTAGE	WATTS
12m/sec	0-6'6"	1/4	1440	6 X 8	220/415	150
18m/sec	6'6"-8'	1/3	1440	8 X 8	225/415	250
21m/sec	8'-12'	1/2	1440	9 X 8	220/415	375
23m/sec	12'-20'	1	1440	10 ⁵ / ₈ X 8	220/415	750

*Specifications subject to change without prior notice

Tripti's Other Product Range

Dehumidifiers

Clean Room Equipment

Airconditioners

Chilling Units

Manufactured by:

Perfect Airconditioning Trading Company

A-269, Okhla Industrial Area-I, New Delhi - 110 020

Telefax.: 26817098, 26817099, 26811832

Email : ac@tripti.in Website: www.tripti.in

Showroom