



AMCO Industrial Air Doors / Air Curtains

AMCO Industries offers the most complete line of Industrial Air Doors / Air Curtains available. Industrial Air Door / Air Curtains provide a power full uniform stream of air engineered to protect openings against the elements.

Containments such as dust or fumes will be retired, providing better working conditions. These modules keep the cold air or hot air on the outside, increasing the comfort levels on the inside.

No matter what the size of your opening AMCO has models to meet your need. Industrial models are permitted to be installed inside or outside.

Benefits

- Improve working environments
- Energy savings by keeping the heating or cooling inside the building.
- Allows easy access through openings, increasing safety
- Quick return on investment. Air doors / air curtains pay for themselves in less than two years.
- Reduced door maintains.

AMCO air doors / air curtains can be installed suspended from the ceiling, around door tracks, wall mounted or



vertically mounted along the side of the opening. The discharge nozzle with directional vanes can be adjusted to achieve optimal performance. When the door opens, an automatic door switch can activate the air door / air curtain providing the stream of air to stop the elements from entering the building. When the door closed, the air door / air. There are many configurations to operate AMCO air door / air curtains. AMCO can also design Centrally Air Curtain System on your request. Please see our selection table on back side.

Energy

Our air curtains conserve energy and improve comfort by limiting the escape of internal heat, reducing cold drafts and providing a welcoming, down flow curtain of warm air to entrees ways in industrial plants and store buildings. The resulting mixture of warmed air disperses gently in all directions at floor level to give uniform temperature over a wide area from floor to ceiling with only a few degrees difference. Our air curtains create an invisible barrier of high velocity air to stop cold or warm air infiltrating plant facilities and work areas.

Specification and features

Our air curtains shall have a self-contained one piece housing, fire retardant and corrosion proof, incorporated with a double extended shaft motor, direct drive double width and double inlet squirrel cages blower wheels and fan housings.

Shall have wedges shaped discharge nozzle containing adjustable air deflector with 40% sweep front to back. Housing shall be sufficient strength for fastening to wall on both ends without any intermediate support.

HEAVY DUTY ELECTRIC MOTOR

Continuous duty tape motor with double sealed lifetime per-lubricated stainless steel ball bearing, resilient mounted and protected by an automatic thermal overland switch.

Air directional Control

Adjustable vanes at outlet nozzle for directing air to compensate for possible draft conditions through doorways.

Air Curtains For All Applications

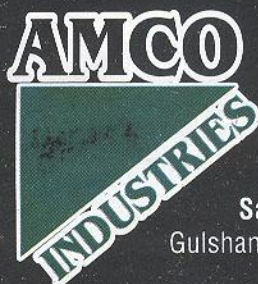
An air curtain from AMCO will keep the cold out of heated environments and the heat out of chilled environments. Whatever your application we have an air curtain to suit.

Our wide range covers everything from economical air curtains for small shop doorways to large industrial units for warehouse. We offer standard units beautifully designed bespoke units, individually crafted to meet architectural designs for prestigious buildings and stores.

Incorporating the latest in air curtain technology, our air curtains deliver optimum performance and efficient operation, all day every day.

Selection Table

Model No.	Unit Dimensions mm	Air Flow m3/Hr	Air Speed m/s		Installation Height Door Height		Diameter of Wheel (mm)	Noise Level db		N.W Kg	Packing Size (mm)
			High	Low	(m)	(ft)		High	Low		
AMCO-03	900 x 230 x 212	1430	20	17	4.5	14.4	120	63	57	18	960 x 290 x 270
AMCO-04	1200 x 230 x 212	1950	20	17	4.5	14.4	120	64	59	22	1260 x 290 x 270
AMCO-05	1500 x 230 x 212	2400	20	17	4.5	14.4	120	64	61	27	1560 x 290 x 270



M.M. ENGINEERING

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Factory: Plot No. 199-200-201, Sector 6/C, Korangi Industrial Area, Karachi.

Ventilation Fan

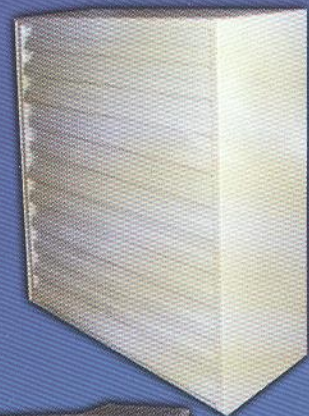
Energy Saver

AMCO manufactures not only two (standard Model) of energy saver but any size or type of Ventilation Fans.

Standard Models are designed to pay back your money in short time.

Fan Assembly Consists

- | | | |
|-----------------------------|---|-------------------------|
| 1. Fan Casing | → | G.I. Heavy Gauge |
| 2. Fan Blades | → | Stainless Steel |
| 3. Pulley | → | Aluminium Die Casted |
| 4. Bearing | → | Ball/Roller Bearings |
| 5. Shaft | → | HRC Shafts |
| 6. Shutters/Gravity Louvers | → | Aluminum/G.I Sheet |
| 7. Motor | → | Imported Motors/Siemens |
| 8. V-Belts | → | Imported |
| 9. Fan Starters | → | On request |
| 10. Installation of fan | → | On Request |



Application

1. Textiles
2. Pharmaceuticals
3. Food Industries
4. Welding or Grinding Shops
5. Power Houses Exhausts
6. Car Parkings
7. Warehouse
8. Mosque Ventilations



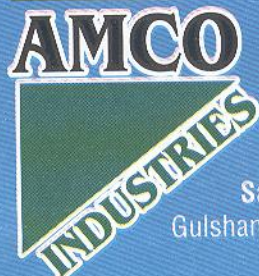
Specifications

For Standard Range

Selection Table

Model No.	Air Flow CFM	S.P In wg	Motor Kw	Fan RPM	Impeller Dia mm	Dimm Lenght mm	Width mm	Depth mm	Weight KG	Nois Level db
AMCO-42	10500	0.5"	0.75	482	940	1067	1067	406	67	60
AMCO-48	24500	0.5"	1.1	482	1194	1372	1372	406	91	61

For all Ventilation Applications



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