

ENVIRO INTERNATIONAL CORPORATION

VENTILATION AND COOLING SYSTEMS

VENTILATION SYSTEMS

We Offer Following Equipment For Ventilation System :

- Ventilation and Pressurization Systems :From 1500 m³/hr to 4, 00,000 m³/hr capacity
- Air Washers, Air Handling unit : From 1500 m³/hr to 4, 00,000 m³/hr cap.
- Evaporative and Cooling Systems

AIR WASHERS,

We are leading manufacturer and exporter of Air washers. . The products which come under this category are Evaporative Air Cooling- Single Skin and Evaporative Air Cooling- Double Skin.

We offer superior quality , Industrial Air Washer Unit that work on the principle of cooling the air by passing it over water-saturated pads, water evaporates and results in cooling of air,. The cool air is then directed into the ventilated area. Air Washer System with cellulose paper pads, specially treated fluid media capable of absorbing and retaining water to provide the maximum cooling efficiencies. The cooling pad is cross-corrugated to maximize the mixing of air and water and eliminate water carryover.

Air Washer are available from 2000 m³/hr to 3,00,000 m³/hr capacity and can be supplied for various applications namely, MCC rooms, ventilation for works, tunnel ventilation, ventilation for basement, crusher house, exhaust fan system, ventilation system for complete thermal power station Etc.

TUNNEL VENTILATION SYSTEM,

We are leading manufacturer of the equipment and have supplied a nos of dry ventilation system for tunnel to so many power plants. Dry ventilation system unit is provided in cabinet type construction and comprises of wire mesh type HDPE filters, centrifugal blower with driving / installation accessories, house in GI fabricated housing. The fresh air is drawn in the unit through filters where the same gets filtered down to 5-20 micron level. The fresh filtered is then supplied to the connected department

TURBO VENTILATORS

Rood extractors with no power or motorless turbo-ventilator is being supplied by us in SS/AL configuration.

Axial fan / Motorized Rood extractors of various capacity is also being manufactured by us.

AXIAL FAN

We manufacture a wide range of **Tube Axial Fans** that is highly appreciated in the industry. Our Tubeaxial Fans are employed for humidification and ventilation needs and can easily handle large air volumes even at low pressures with minimum noise production. Available in different sizes to function at varying speeds.

Types :

- Tubular (Tube) Flange Type Axial Air Flow Fans
- Foot / Floor mounted adjustable Axial Flow Fans
- Pedestal/Column mounted Axial Flow Fans



Axial Fan Construction : We make this with heavy duty welded MS, SS or required materials as specified by clients. The flange rings are constructed using angles and flats while the motor base is manufactured using , plates and angles.

VANE AXIAL FAN

EIC vane axial fans are designed for commercial and industrial applications where large volumes of air are required at moderate to high pressures. These fans are an excellent choice for HVAC systems using variable air volumes, clean rooms, parking garage exhaust, tunnel ventilations and other high volume requirements.

The tubular design, high efficiency rotor and integral straightening vanes provide high performance using minimal space. These fans can be mounted in a variety of configurations and are available with a complete line of accessories.

Pulse Jet Bag Filter

We supply bag filter (dust collectors) on various application like Crusher and Screen house, bunker house, coal handling plant in Thermal Power Plant, cement plants, Induction furnaces, banburry Mixture, various Furnaces, sponge iron plants, Rice mill, etc. We have so many installation of bag filters and few of them has range from 60000 to 1,00,000m³/hr cap. We have more than 100 bag filter installation power plants. We also take DE system including its ductings on turnkey basis. For operation of bag filters, suction hoods shall be connected to suction take off points. These suction take off points shall be connected to the main ducting by branch ducting and the other end of main ducting shall culminate into bag filters. The outlet of bag filter to inlet duct of blower and the same will exhaust clean air to atmosphere vide a stack.

Dust Suppression System

We offer Dust Suppression system for Stock Yard, Belt Conveyor line for power plant & other industries, Wagon Tippler , Belt transfer points, Reclaimer Hopper, Screen, crusher, etc.

We offer Plain Water system and the Dry Fog System also. Stock yard Sprinkling System etc - Sprinkling System is used for Sock Yard Area or Raw Material Storage Area.

Fog Canon/Anti Smog Gun

Fog canon is widely used in India and overseas for suppression of flying dust on various application, It is a rugged and very efficient system. Unlike other types of dust suppression, its efficiency is very high. In some of applications only and only Fog canon is very successful, particularly when it is an open area. Fog canon is normally mounted on a trolley and it can be moved from one location to other location as it is on wheels. It is namely used for suppression of the flying dust very efficiently from a distance and also covers a very wide area. It throws the mist at a distance of 30m, 50m, 70m, 100m. It is widely used in irrigation and industrial purpose.

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