

## ENVIRO INTERNATIONAL CORPORATION

### FOG CANON, ANTI SMOG GUN

Enviro International is a project based company with a prime interest in Air pollution Control Equipment, Dust Suppression System, Belt Conveyors and Material Handling systems, Pneumatic Conveying System, Ventilation Systems. Enviro International Corporation is promoted to provide one shop solution for Air Pollution and Air Ventilation System and Material Handling Systems. The use of these equipment is increasingly being extended to dedusting and conveying of material preparation plants in the various industry.

EIC processing a team of vast experience and sound technical base, emphasize need to evaluate the site properly and We do therefore thoroughly study and evaluate on technical parameters of the system being offered for checking up its suitability for site condition and subsequently put up all these analysis experience in to the drawing up the design plans and productions for the evolving of the product modeled on site condition, as a result successful operation and its optimum utilization as per site conditions is guaranteed, We always stress basics for each and every project.



#### Fog canon / Anti smog Gun,

We in association with our team of engineers and designers developed a cutting age technology for Fog Canon and offers different types of Fog Canon. Fog cannon can operates with different principles and mechanisms. One of types is purely mechanically driven system with electrical motor inputs, here in also we can offer different type of system with different basic principles for operation of the fog canon. We also offer other cutting age technology, which is trouble free system, with bare occasional maintenance.

Fog canon is widely used in India and overseas for suppression of flying dust on various application and disinfection, It is a rugged and very efficient system. Unlike other types of dust suppression, it 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 It is widely used in irrigation and industrial purpose.

In industrial application, for dust suppression, most widely used application is Stock yard Area, Dirty mines, Tripper/Truck unloading in mines and ground hopper, wagon trippers, Reclaimer hoppers, any locations where dust is flying and open too, waste water evaporation. In open area, only and only Fog canon is used widely, as other methods of catching dust fails poorly on this fronts. Fog canon will be more useful and are more suitable for dust suppression than sprinklers in general.

In disinfection, it used to disinfection the building or air of factory any for any area of city too In agriculture, normally it is used for irrigation purpose. Even during building breakings, ship breakings, waste water evaporation etc it is also used widely.

Fog canon can be fixed type and rotating type.

In fixed type, Fog canon will suppress the dust in single direction, while in Rotating type, it can rotate and suppress the dust in different directions. Fog canon rotate around on its axis by 90 deg, 180 deg or up to 330 Deg. as per client requirement, we individually design and manufacture the fog canon.

Rotation of Fog canon helps in suppression of dust in almost all the direction around its axis inside the diametrical circle falling in its range.

We supply Fog canon for a throw away range up to, 35m, 50m,60m, 70m, and 100m, 120m, and supplies both fixed type and auto rotating type. Degree of movement can be 0 -180 Deg, 0 -355 Deg even fixed too .

### **Dust Suppression System**

**Plain Water System, Dry Fog System Sprinkling System Dry Fog Canon**

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.

### **Ventilation And Cooling Systems**

We are leading manufacturer of various types of ventilation system. We have executed a no Ventilation Systems projects in power plants etc and these have already been running successfully. Ventilation system has been supplied to APSEB,RSEB,Prakash Industries Ltd, Usha Martin etc and few more plants Thermal Power Plant Projects of up to 660 MW.

**Air washer, Axial Fan, Vane Axial Fan, Roof Extractor etc**

### **Fire Fighting System**

#### **Automatic Fire Fighting Sprinkling System**

We offer Automatic sprinkling system for fire fighting systems for residential buildings and industrial buildings. Automatic sprinkling is used for automatically distribute and Sprinkle the water upon a fire in sufficient quantity to extinguish fire completely or to prevent spreading of fire further by keeping the fire under control, by spraying the water over the fire from the sprinklers. The water is fed to the sprinklers vide a set of piping. Sprinklers are , normally suspended from the roof or placed below it. Sprinklers are installed at certain distances along the pipes as per NEPA/IS Standards,

Sprinkler heads orifice contains fusible link or fusible bulb for the automatic sprinkler, it is normally kept closed, It normally opens on the actuation or rupture of the temperature-sensitive fusible link or fusible bulb and than flow of water takes place through the sprinklers and it further spreads and dosed the fire.

**Foam Based Fire Fighting Systems, Water Spray Fire Fighting Systems, Dry Powder Extinguishers, Hydrants etc**



### **ENVIRO INTERNATIONAL CORPORATION**

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Air & Materials handling Equipment

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**We also manufactures Bag Filter, Pneumatic Conveying Systems, Belt Conveyors etc.**