Oasis Dry Fog Canon

Fog Cannon System is available with following standard features:

- Equipped with nozzles with manual regulation of water-mist according to the requirement as per site airborne dust conditions.
- The Nozzles are made of Brass and it can be easily removed and cleaned within short time by using simple tools.
- All the nozzles shall be of same size to generate equal mist particles from each nozzle for uniform spraying.
- A High Pressure Booster Pump Set - 3 Phase 50 Cycle shall be integrated with the machine to develop adequate pressure at the nozzles.
Different models with suitably rated fan motor shall be integrated with the system to get different ranges of throw, i.e; 15 - 20 mt. with 5 H.P., 25 - 30 mts. with 7.5 H.P. & 35 - 40 mts. with 15 H.P. motor.

It comes with Electrical Cable of 25 mts. long.

Arrangement for drainage of water from the entire system by single plug.

The system has been designed to work on 4 - 5 Bar internal pressure with safety actor.

Double Filtration System to avoid choking of nozzles, (a) Hydro-cyclone Filter followed by Screen Disc Filter.

The noise of the System is within prescribed limit.

The machine frame and all metal parts including the cone shall be duly Powder Coated.

The Fan Hub is made of Brass.

The size of water molecule in the mist shall arrest dust particle of maximum size of 40 micron.

It shall also have Earth Leakage Protection (30mA)

Hooks shall be there for lifting of the unit.

The following additional features may also be added with standard Fog Cannon System, if required:

- Facility of auto oscillation approx. 0 - 300° with Hand Held Controller / Wireless Remote Control System with a provision to set the degree of rotation as per site requirement.
- Facility of auto vertical tilting approx. 0 - 45° for spraying at 15 - 20 mts. height.
- Facility to operate the System by Remote Control / Hand Held Control or Control Panel on machine.
- Phase Inverter along with Indicator and Phase Change-over with Protector.
- Pressure Gauge and Flow Meter to measure the pressure developed at nozzle-end and for actual measurement of flow of water per hour, respectively.
- 3nos. Tyre Mounted Trolley (not Jockey type) with provision for towing and Stabilization bars for adjusting the height of the Trolley as well as for balancing.
- Hour Meter for reading actual hours of running.
- Device for locking of Cone tilting.
- Circuit Breaker Protection for the Drives of Fan, Oscillation, Tilting and Water Pump.
- Dry Run Protector to trip the system in absence of water.