



Oasis Irrigation Equipment Company Limited The "Rain Maker"

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POLLUTION CONTROL

DRY FOG / AIR MIST / AIR ATOMIZING NOZZLES



End Connection: Water 3/8" BSP (F) - Air 1/4" BSP (F)

M.O.C: Brass

Application: Atomized water droplets, blown by air dampens dust particles and precipitates them. System requires clean air and water for proper functioning.

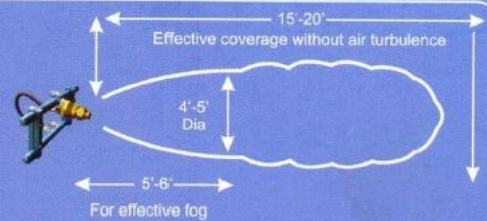
Water Pressure: 1 - 3 Kg / cm²

Water Volume: 1 - 2 LPM

Air Pressure: 4 - 5 Kg / cm²

Air Volume: 300 - 330 LPM

For One Nozzle



DRY FOG SYSTEM



Dry Fog System consist of air atomizing nozzles fitted in steel header along with hose & flow control ball valves and Pressure gauges. Each header consists of

1. Dry Fog / Air Mist Nozzle
(1For single header, 2 for double header, 3 for triple header)
2. SS 304 pipes (1/2" Nominal Bore)
3. MS Clamps
4. Pressure Gauges
5. Ball Valves
6. Connecting Rubber Hose to connect nozzle with air line
7. Brass manifold to fit gauge and ball valve



Principle: Water and Air are mixed internally to provide a fine fog. This fog gives a film of water coating on ultra fine dust particles, thus increasing their weight, and subsequently precipitating them. Each spray can be adjusted by air and water pressure changes to control spray / water density and throw of mist spray.



Oasis Dry Fog Nozzle