

Dry fog spray nozzle



Nozzle type: Dry fog spray nozzle

Spray type: Dry fog

Operating pressure: For Liquid: 1.5 - 2 bar
For compressed air: 3 – 5 bar

Air consumption per unit: 4 – 6 CFM

Spray pattern: 60 - 90 degree flat curtain

Spray length: 1.5 meters (vertically downward spray)
1.5 meter (horizontal spray)

Spray angle: 60 / 90 degree

Flow rate: 0.5 - 1 LPH

Nozzle MOC: SS304 with Brass adaptor

End connection: 1/8 (F) for Liquid
1/8 (F) for Compressed air

Average droplet size: 5 – 15 microns

Nozzle performance video: <https://www.youtube.com/watch?v=193r2pbJcAM>

Utilities required: pump (capacity based on number of operating nozzles)
Compressed air (based on air capacity required by nozzle)

Brief: Dry fog nozzles provides very fine fog. The droplets size are around 5 – 15 microns which does not settle and feels like dry fog.

It provides cone pattern with spray angle of 60 - 90 degree.

After 1 meter the fog disperse and make the environment foggy.

It requires 1.5 - 2 bar pressure for liquid and 3 – 5 bar for air and both can be tuned as per requirement.

It has one liquid and one air connection.

Both liquid and compressed air port has 1/8" BSP (F) connection.

Mist/fog can be controlled via regulating the air and liquid pressure.