

MZ 100 SERIES

M-FOG

MZ 102 | Z 103 | MZ 104F

Fine mist

Optimal plant growth

Maintains humidity levels

M-Fog is an advanced irrigation device used to create a fine water mist, ideal for maintaining humidity levels in environments such as greenhouses, nurseries, and outdoor gardens. By emitting a controlled and even distribution of water particles, M-Fog helps to promote optimal plant growth, reduce temperature, and prevent plant stress.



HIGHLIGHTS

- Versatile device, designed for cooling and humidifying greenhouses, poultry sheds, and cow sheds
- Provides perfect conditions for plant propagation and seed germination
- Uniformly distributes an average droplet size of 60 microns within operating pressure range
- Quality components, made of high-grade plastic
- Parts are interchangeable and acid-resistant, easily tolerating application chemicals
- Unique LPD (leakage prevention device) design eliminates dripping and plant damage

TECHNICAL DATA

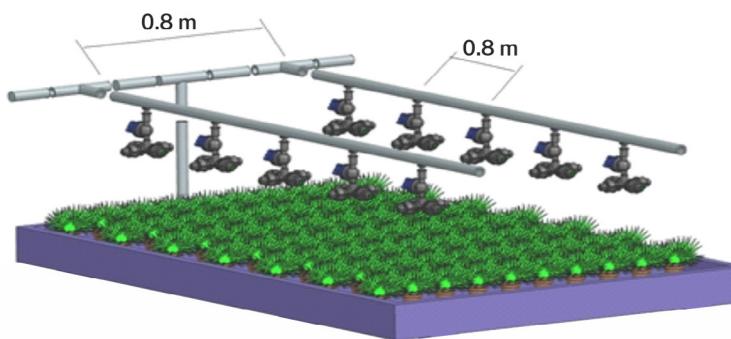
- Recommended working pressure: 4.0kg/cm² (57 PSI)
- Working pressure range: 3.0-5.0 kg/cm² (43-71 PSI)
- Inlet connection: Press fit
- Color-coded sky blue & green nozzles
- Sky blue nozzle: 5.5 LPH. Green nozzle: 7.5 LPH
- Filtration requirements: 130 microns (120 mesh)

FLOW RATES (4.0KG/CM²)

Color code	Blue nozzle M-Fog		Green nozzle M-Fog	
	LPH	GPH	LPH	GPH
1-way	5.5	1.5	7.5	2.0
2-way	11	2.9	15	4.0
4-way	22	5.8	30	7.9

Propagation and germination in greenhouses Layout :

- Minimum installation height 1.0 m (3 ft.)
- Maximum spacing between units on lateral 0.8 m (2.6 ft.)
- Maximum spacing between lateral 0.8 m (2.6 ft.)
- Maximum distance of lateral from bench edge 10cm (4 inch).



Available options



1-way fogger



2-way fogger



4-way fogger



For Green House
MZ104H

For Poultry /
Cowshed Cooling System
MZ104P

Keep in touch!

 info@metzerplas.com

 metzer-group.com

