

FOGGER



For optimal cooling or humidifying of greenhouses



FEATURES

- Extra fine droplet size (55 microns @ 4.0 bar)
- Range of flow rates for different precipitation rates
- High water distribution uniformity and coverage
- Chemical resistant raw materials
- PE and PVC connections
- Easy installation and service
- Filtration requirements: 130 microns (120 mesh)
- LPD (Leakage Prevention Device) for simultaneous startup and shut-down of the system
- High pressure LPD and Medium pressure LPD are available

APPLICATIONS

- Reduces greenhouse temperature
- Increases greenhouse humidity
- Provides perfect conditions for plant propagation
- Fogger on T assembly used for pesticide application

• For cooling and humidifying only:

- (4 foggers on cross or 2 foggers on T)
- 3.0-4.0 m between laterals
- 2.0-3.0 m between heads

• For cooling, humidifying and spraying:

- (2 foggers on T only)
- 2.0-3.0 m between laterals
- 1.5 m between heads

OPTIONAL NOZZLES FLOW RATE (l/h)

Nozzle Color	Violet	Blue	Orange	Red	Black
3.0 bar	4.5	6.0	12.0	18.0	24.0
4.0 bar	5.3	7.0	14.0	21.0	28.0



PROPAGATION SYSTEMS

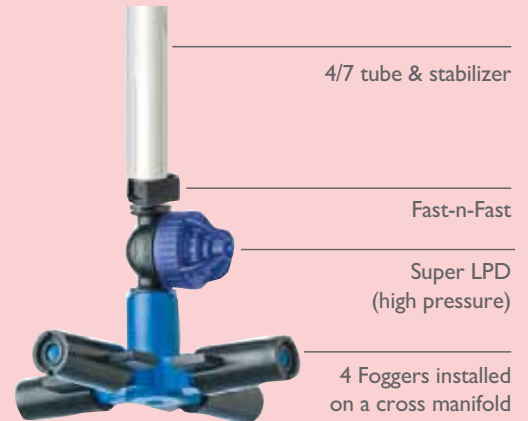
TECHNICAL DATA

High pressure Super LPD

- Recommended working pressure: 4.0 bar
- Droplet size average - 55 micron (at 4.0 bar)
- Filtration requirements: 130 microns (120 mesh)
- Minimum height above crop: 1.0 m
- Max. spacing between units on laterals: 1.2 m
- Max. spacing between lateral: 1.2 m
- Max. distance of lateral from bench edge: 0.2 m

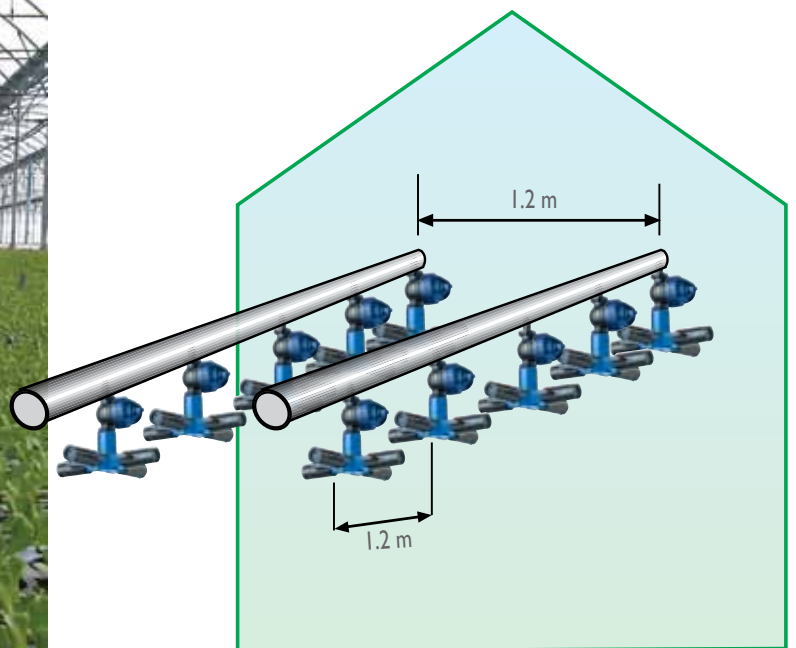
Medium pressure Super LPD

- Opening pressure 3.0 bar
- Closing pressure - 1.5 bar
- Droplet size average - 69 micron at 3.0 bar



FOGGER FLOW RATE ON CROSS (l/h)

Nozzle Color	Violet	Blue	Orange	Red	Black
3.0 bar	18.0	24.0	48.0	72.0	96.0
4.0 bar	21.2	28.0	56.0	84.0	112.0



Fogger Accessories

45° Elbow

Plug

T

Cross



Please double check the final installation details with local NDJ representative.