NAANDANJAIN
Irrigation

FOGGER

Super LPD
(high pressure)

Super LPD
(medium pressure)

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

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

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

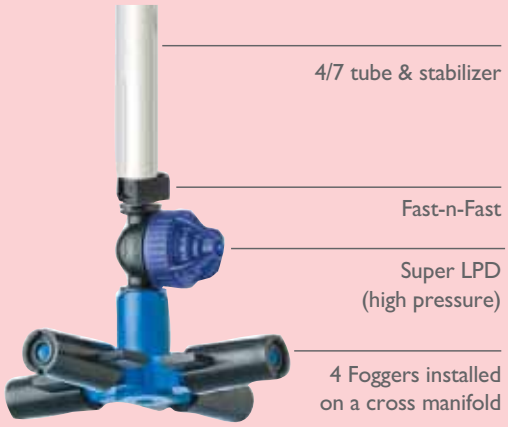
Please double check the final installation details with local NDJ representative.

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

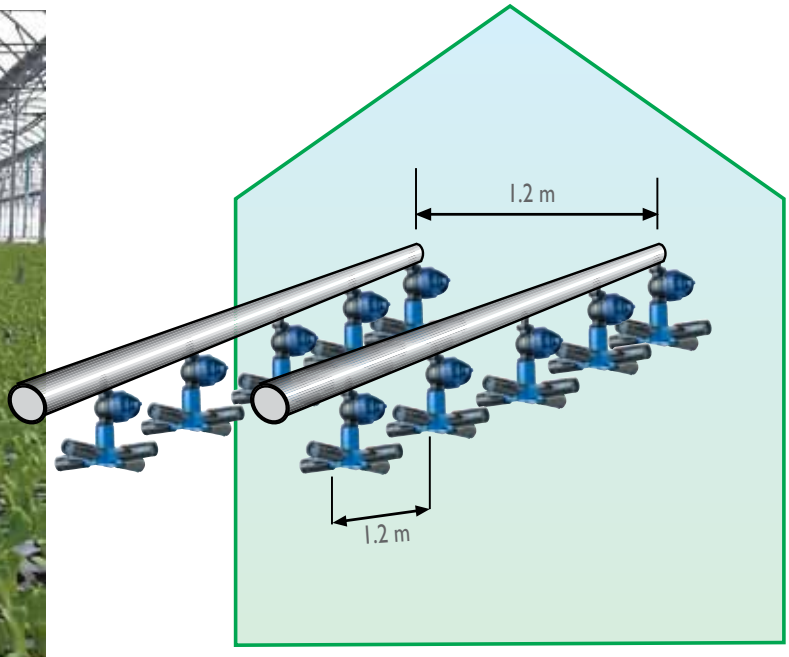


Medium pressure Super LPD

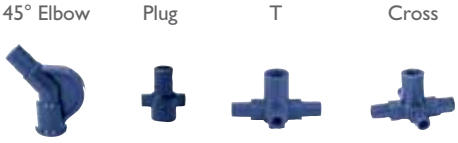
- Opening pressure 3.0 bar
- Closing pressure - 1.5 bar
- Droplet size average - 69 micron at 3.0 bar

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



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