

## **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)

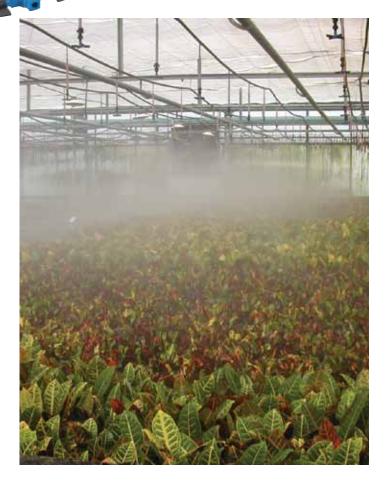
2.0-3.0 m between laterals

1.5 m between heads

#### OPTIONAL NOZZLES FLOW RATE (I/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

Super LPD (medium pressure)





### **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

# 4/7 tube & stabilizer Fast-n-Fast Super LPD (high pressure) 4 Foggers installed on a cross manifold

#### **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 (I/h) Nozzle Color Violet Blue Orange Red Black 3.0 bar 18.0 24.0 48.0 72.0 96.0 4.0 bar 28.0 56.0 84.0 112.0

