# **Super Fogger** Micro Sprinkler

## An optimal and economical solution for cooling, humidifying and chemical spraying in greenhouses

### Super Fogger Micro Sprinkler

- One, two and four outlets are available
- Built-in anti-leak device
- Very small droplets for minimal foliage wetting during pulsed operation

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# Super Fogger – the optimal solution for cooling, humidifying and chemical spraying in greenhouses

**Available in single, two, and four outlets, the Super Fogger provides flexible options for various applications.**

Built with a Leakage Prevention Device (LPD) in both high-pressure (blue cover) and medium-pressure (green cover) models, it ensures secure operation.

Designed for minimal foliage wetting during pulsed operation, it produces very small droplets, making it ideal for pesticide applications. With easy installation and service, chemical-resistant raw materials, and connections for both PE and PVC pipes, it's a reliable and convenient choice for greenhouse operations.

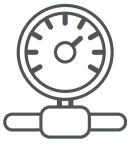
Featuring multi connections for PE pipes and 3/8" thread for PVC pipes, the Super Fogger accommodates different setups. Its unique design, which includes a built-in LPD and a unique filter for extra protection, reduces the need for additional components.

**Offering low maintenance and various connections, outlets, and pressures, the Super Fogger stands out as an optimal and economical solution for greenhouse applications.**

Super Fogger x 1 Super Fogger x 2 Super Fogger x 4

Green cover: Medium pressure
Blue cover: High pressure

## Technical data



Recommended working pressure:
High: **4.0 bar**
Medium: **3.0 bar**

Filtration requirements:
- **0.8-1.2 mm nozzles: 130 microns**
- **>1.3 mm nozzles: 200 microns**

# Technical Data

| Model | Medium pressure* (green cover ) | | | | High pressure (blue cover ) | | | |
|---|---|---|---|---|---|---|---|---|
| | FlowRate (l/h) at 3.0 bar | Opening Pressure (bar)* | Closing Pressure (bar) | Average Droplet Size (micron) | Flow Rate (l/h ) at 4.0 bar | Opening Pressure (bar) | Closing Pressure (bar) | Average Droplet Size (micron) |
| Super Fogger x1 | 5.6 | 3.0 | 1.5 | 69 | 6.5 | 4.0 | 2.4 | 55 |
| Super Fogger x2 | 11.2 | 3.0 | 1.5 | | 13 | 4.0 | 2.4 | |
| Super Fogger x4 | 20.8 | 3.0 | 1.5 | | 24 | 4.0 | 2.4 | |

*Medium pressure model, maximal operation pressure 3.5 bar.

# Applications & recommended spacing*

| Model | For climate control (cooling & humidifying) | For pesticide spraying | For propagation | For Poultry |
|---|---|---|---|---|
| Super Fogger X 1 | n/a | n/a | n/a | 1.5 X 3.0 m |
| Super Fogger X 2 | 1.5 X 3.0 m<br>2.0 X 4.0 m | 1.5 X 3.0 m | n/a | 3.0 X 3.0 m |
| Super Fogger X 4 | 3.0 X 3.0 m<br>2.0 X 4.0 m | n/a | at 1.0 m height above table/plants spacing are recommended according to planning | 3.0 X 3.0 m |

* Spacing: Distance between heads X distance between laterals

* Recommended spacing in the table are general.

* Correct & required spacing according to the specific conditions (contact our experts).

# Models & connections

| Model | Connections |
|---|---|
| Super Fogger X 1 - medium pressure | 3/8" thread |
| Super Fogger X 1 - high pressure | 3/8" thread |
| Super Fogger X 2 - medium pressure | Female |
| | 4/7 barb |
| | 3/8" thread |
| Super Fogger X 2 - high pressure | Female |
| | 4/7 barb |
| | 3/8" thread |
| Super Fogger X 4 - medium pressure | Female |
| | 4/7 barb |
| Super Fogger X 4 - high pressure | Female |
| | 4/7 barb |

## General guidelines

- The system of climate control is common for vegetables, flowers and herbs in greenhouse.
- Best results are under hot and dry conditions.
- Special attention should be given to water quality.

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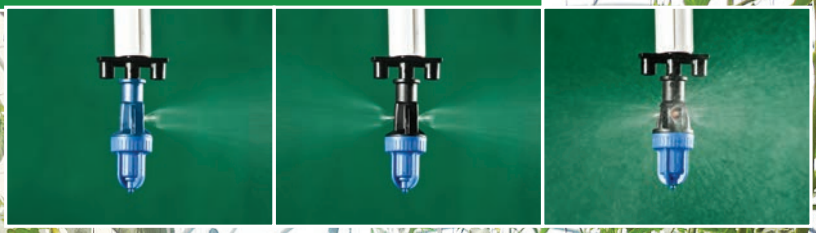

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