LUBING
GREENTEC

FOGGING-SYSTEMS FOR GREENHOUSES

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THE PERFECT HUMIDITY

The LUBING GREENTEC Fogging-System provides efficient cooling and humidification for greenhouses. With 70 bar high pressure, ultra-fine mist droplets, and a modular system architecture, it creates stable climate conditions and supports optimal plant growth — precise, reliable, and easy to install.

SYSTEM COMPONENTS

PUMP UNIT – D-LINE

» Direct drive
» Supplies multiple areas with one pump unit

TOUCH CONTROLLER

» Interactive control and monitoring
» Easy operation via touchscreen

FILTER UNIT

» Central filtration for particle-free water
» Easy filter exchange

NOZZLE LINE

» 6-m stainless steel pipe with welded adapter and high-pressure nozzle
» Alternatively with Pressfix nozzle adapter

VALVES

» Solenoid valves for separate activation of individual zones
» Easy installation, also in existing systems

MAXIMUM COOLING PERFORMANCE

Starting temperature	36°C	36°C	36°C	36°C
Starting humidity	10%	30%	50%	70%
Final temperature	18°C	24°C	29°C	33°C
Final humidity	85%	85%	85%	85%
Cooling performance	18°C	12°C	7°C	3°C

PUMP TYPE FLOW RATE

Liters per minute	2	5	12	21	30	38	70
Maximum nozzles	20	60	140	250	350	400	800

ADVANTAGES

» Ultra-fine mist: droplet size only 5 µm for rapid evaporation
» Uniform cooling without wetting
» Reduced irrigation demand
» Higher yields through stable humidity levels
» Easy installation and expansion
» Separate control of individual greenhouse areas
» High reliability and long service life
» One pump unit can supply multiple zones

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LUBING System srl
Via Marco Polo, 33 | 35011 Campodarsego
Italy

T +39 049 9202290
F +39 049 9201234
M info@lubing.it

LUBING-GREENTEC.NET

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