



The NightStar

An advanced technology, high-output ULV and LVM generator for enclosed space misting, fogging and spraying applications.

NightStar greenhouse applicators provide automatic, unattended precision spraying for all types of greenhouse or enclosed area applications. The Ultra Low Volume (ULV) and Low Volume Mister (LVM) design generates uniform droplets that are evenly distributed throughout the area being treated.

NightStar applicators can efficiently treat areas up to 60,000 sq ft without the use of auxiliary fans. When using auxiliary fans, this area can be extended up to 90,000 sq ft. By using patented formulation handling systems, the NightStar dispenses all liquid and wettable powder formulations with ease. The Nightstar offers 4 different droplet size settings; 8, 20, 30 and 50 microns. Use the settings best suited for the application and formulation.

The easy to use, programmable schedule controller is housed inside a locking, water resistant enclosure. All the operator needs to do is add formulation to the chemical tank, water to flush tank, turn on the agitation switch (if using wettable powders), program the timer and vacate the premises. The correct sequences of air circulation, spraying, and flushing will then occur automatically.

The NightStar applicator is mounted on a four wheeled stand that provides maximum mobility and adjustable height (shown above). The NightStar is available in the 115VAC and 230VAC configurations. Both use the same programmable controllers and equipment.

NightStar 1901 - Mobile NightStar Applicator 115 VAC with 4 wheel stand
NightStar 1902 - Mobile NightStar Applicator 230 VAC with 4 wheel stand

NightStar applicators are custom order items. Payment in advance required. Contact Nixalite for delivery time and shipping costs. NightStar applicators are shipped by truck.

Visit our website at www.nixalite.com or contact
Nixalite at 800.624.1189 or fax 800.624.1196



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Experts In Architectural Bird Control Since 1950

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Where the World Shops for Humane Bird and Animal Control.



NightStar

The Nightstar models provide automatic, unattended spraying, reduced labor costs and worker exposure to chemicals. The Ultra low volume(ULV) low volume mister (LVM) principle assures a higher efficiency of chemical coverage by generating **uniform droplets** which are evenly distributed throughout the area being treated.

The simplified programmable controller inside the lockable water-resistant enclosure features an auto-memory, constant display of time and the pre-programmed schedule. The operator is only required to enter the spray time into the timer. The correct sequences of air circulation, spraying, and flushing will then automatically occur.

The Nightstar automated operation allows spraying at your convenience. Just add formulation to the chemical tank, water to flush tank and turn on the agitation switch (if using wettable powders) Program the timer and vacate the area.

To be able to apply insecticides as well as fungicides and disinfectants, the applicator must be able to produce the proper droplet size The Nightstar gives you a choice of 4 different droplet sizes.

- 1) 8 MICRONS: For control of adult Insects, droplets of this size will settle from the air in about 3 hours, minimizing the possibility of pesticides being ventilated from the greenhouse.
- 2) 20 MICRONS: For leaving an insecticide deposit on leaves, including the underside.
- 3) 30 MICRONS: To leave a larger fungicidal deposit for Protection as the leaf grows.
- 4) 50 MICRONS: Provides a "wetting effect" for activating disinfectants.

NightStar Model M Specifications

Electrical Controls: Water resistant, programmable (8 event/24 hr)

Display: digital, auto memory

Fuse size: 115 volt- 25amp, 230 volt-15amp

Current draw:115vac -19 amps, 230vac - 9.5 amps.

Fan: Axial type, water resistant, 1 HP.

Air output: 8000 cfm (226 cubic meter per minute)

Diameter: 22 inch (56 cm) - RPM: 1725 (115V)

Fan adjustment: 70° horizontal, 45° vertical.

Noise level: 80 dba max

Flow rate: 0.5-4.1 gph (1.9-15.5 lph)

Spray nozzle: air atomizing type

Air Volume: 104 cfm (3 m³/min)

Spray droplet: selectable 8, 20, 30, 50 microns.

Spray Reach: 300 feet (91 m)

Formulation tanks: Polyethylene HDPE

Capacity: 3 gallon (11.4 liter)

Agitation: Pneumatic and Recirculatory

Flush tank: Polyethylene HDPE

Capacity: 0.5 gallon (1.9 l)

Dimensions (Model M)

LxWxH: 37.5" x 31.5" x 80.6" max

Weight (empty):220 lbs. (100 kg)

Weight (full):252 lbs. (114 kg)



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