

NIGHTSTAR™

ULV/LVM

Automatically dispenses all types of formulations into enclosed environments.

Enables automatic, unattended spraying, reduced labor costs and worker exposure to chemicals. Assures a higher efficiency of chemical coverage by generating uniform droplets which are evenly distributed throughout the area being treated.

- Treats up to 60,000 square feet (6,000 square meters) without auxiliary fans.
- High capacity fan with adjustable horizontal and vertical positions.
- Programmable timer with user friendly with digital display.
- Simple formulation system—no restrictions in chemical lines to allow blockage.
- High output nozzle assures rapid and efficient application.
- Auto flush system provides optimum performance.
- Formulation tank: 3 gallon (12 liter) with agitation system.
- Adjustable flow rate selection to meet specific needs.



Model #	Order #	Description
1901	64100-1	Nightstar 110 V
1902	64100-2	Nightstar 220V

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 has all you need by giving you a choice of 4 different droplet sizes.

PARTICLE SIZE:

- 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.

SPECIFICATIONS

Electrical Controls:	water resistant
Programmable:	8 event/24 hour, mechanical timer
Overload Protection:	fuse type.
Fuse size:	for 115 volt: 25 amp, for 230 volt: 15 amp.
Ground:	meets international specifications.
Current draw:	
115 Volt:	19 amps.
230 volt:	9.5 amps.
Fan:	Axial type, water resistant.
Air output:	8000 cubic feet per minute, (226 cubic meter per minute)
Diameter:	22 inch (56 cm)
Motor:	single phase, 50-60 Hz.

RPM:	1725 (115V); 1425 (230V)
Horsepower:	1
Adjustment:	70 degrees horizontal, 45 degrees Vertical
Noise level:	80 dba Maximum
Flow rate:	0.5-4.1 gph (1.9-15.5 lph)
Spray nozzle:	air atomizing type
Air Volume:	104 ft ³ /min (3 m ³ /min)
Spray droplet:	8, 20, 30, 50 microns selectable.
Reach:	300 feet (91 m)
Formulation tank:	polyethylene
Capacity:	3 gallon (11.4 liter)
Agitation:	Pneumatic and Recirculatory
Flush tank:	polyethylene
Capacity:	0.5 gallon (1.9 l)