

# ULV MICRO FOGGER



Micro Fogger provides excellent control of droplet size, even for near-invisible 5-10 micron droplets needed by concentrated ULV chemicals.

The Micro Fogger can treat 20-4,000 cubic feet per minute, reducing application time and labour-costs. And when you need high output and large droplets, the Micro Fogger is just as effective.

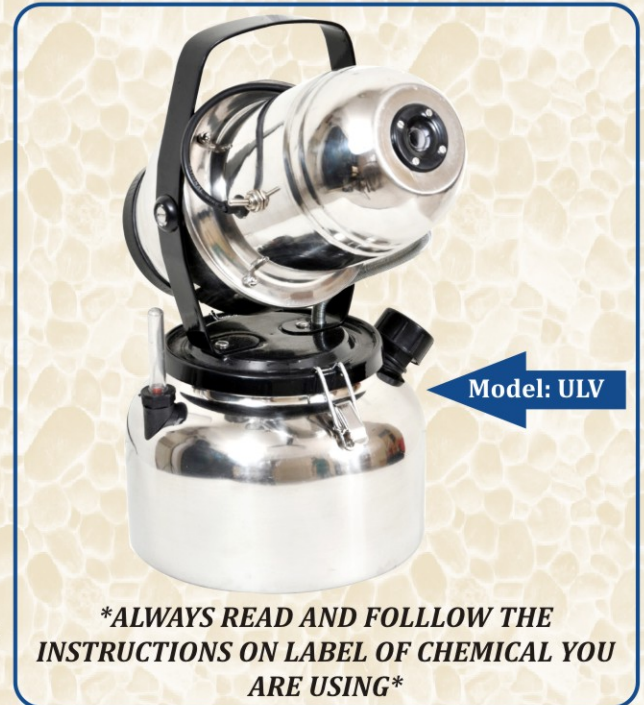
It can deliver up to 150 ml/min in a mist of large (30 micron)\ droplets used in humidification, dust abatement and sanitizing work. The advanced Micro Fogger can apply either oil- or water based chemicals. And it's easy to calibrate when changing liquids.

## Features:-

- ★ Max. area coverage as compared to any other conventional fogger.
- ★ 304 Grade Stainless Steel Body.
- ★ Chemical Level Indicator.
- ★ Comes with pre-fitted liquid flow control valve for ease of use.
- ★ 100% Convenient, Portable & Easy to use.

## Specifications:-

- ★ **Body & Tank :** 304 Grade Stainless Steel
- ★ **Tank Capacity :** 4 Litre of Chemical Storage
- ★ **Blower Motor :** >26000 RPM Motor
- ★ **Nozzle :** 1 Counter Rotating Vortex Nozzle
- ★ **Chemicals :** Can atomize both oil-based and water-based liquids.
- ★ **Control Valve :** One turn. Brass Valve
- ★ **Particle Size :** 5-30  $\mu$ , adjustable. Liquid viscosity and density can affect particle size.
- ★ **Range :** Visible fog, 20-40 ft
- ★ **Input :** 230V 50Hz Single Phase AC Supply
- ★ **Dimensions :** [ 33 x 41 x 23.5 cm ] L x H x Dia
- ★ **Net. Weight :** 4.60 Kg ( Approx. )



## About Product:-

This machine atomizes liquid into a fog, mist or spray of small droplets, It can atomize both water or oil based solutions as well as emulsions and dilute suspensions of wettable powders.

### Typical Uses Of Fogging Machine Includes :-

- Humidification (Fogging Water)
- Odour Control (Fogging odour Neutralizers, Scents or Masking chemicals)
- Applications Of Insecticides
- Application Of Germicides or Sanitizing Chemicals For Cleaning & Sanitation Purposes
- Control Of mold and mildew ( Applying Sporicides, Fungicides or anti-mildew Chemicals )

These fogger atomize liquid into small droplets by shearing them in high turbulent section of nozzle. A low rate [30-60 ml per minute] produces a dry fog of small droplets that float extensively and diffuse widely. Larger flow rate [120-150 ml per minute] produce progressively larger droplets. Liquid flow rate is regulated by a control valve to alternate the droplet size.

## How to Use:-

1. Add chemical solution to the liquid tank.
2. Plug the fogger power cord into a grounded power outlet.
3. Using the calibrated flow rate and dosage instructions provided by the chemical manufacturer, calculate the time required to properly fog the area.
4. Adjust the angle of the fogger power head for the space you are treating (point the nozzle slightly up for max distance)
5. Aim the fog output towards area requiring treatment. For space fogging select the direction of greatest clearance so fog droplets can fill the space (droplets that hit something will condense).
6. Confirm the flow control valve is set to desired setting, and turn on the fogger.

**NOTE: When Carrying fogger by hand move it gently and slowly in a smooth arc. Sudden movements can impose excessive torque on rapidly spinning fan blades and could cause premature blade failure.**

## Cleaning the Fogger:-

- A) Normal Cleanup:** When Fogging is complete, remove the suction tube from the liquid source and operate the fogger for one minute with valve full open. This will expel any liquid remaining in the fogger's internal lines. Transfer excess chemical from tank to an appropriate container.
- B) Cleanup of Difficult Liquids:** After fogging a viscous liquid, emulsion or a solid suspension, begin with a normal cleanup (Step A). Then put suction tube into an appropriate solvent for your fogging chemical (water for water-dispersible liquid, kerosene for oil based liquids) and operate for 1-2 minutes flushing residual chemicals with clean solvents. Then again repeat Step A.
- C) Cleanup for Long Term Storage:** Remove all the liquid from the tank to eliminate the potential for long term chemical attack on tank, suction tube or tubing. Then follow Step A or B.

## About Motor Brushes:-

Two graphite brushes convey electric power to the motor commutator. Brushes are a consumable item, and have a limited lifetime of operating hours, after consumption of brushes its required to replace the old brushes with new ones.

Operating without the air intake filter lets airborne dirt and moisture enter the motor; this can reduce brush life substantially. When brushes are worn the motor does not operate properly.

## Warranty Details:-

This product is warranted for 1 year from the date of purchase against defect in materials and workmanship (Motor Brushes, Tank Gaskets & Timer are not covered under any warranty).

This warranty does not apply to any unit which has been: subject to misuse, neglect or accident; used for a purpose for which it is not designed; altered in any manner; serviced by unauthorized parties; or subjected to any but the specified voltage.

This warranty is limited to the original purchaser only, and does not include claims for incidental or consequential damages resulting from the non-function or malfunction of this product or for breach of any express or implied warranty.



**MERINO INTERNATIONAL**™

*Ahead... in medical technology innovations*

B-40, (G.F) Pal Mohan Plaza, 11/56, Main Desh Bandhu Gupta Road,  
Karol Bagh, New Delhi - 110 005 (INDIA)

Tel +91 11 455 88229, 2352 0809 Tele Fax +91 11 2352 0809 Cell +91 999 999 9615  
E-mail merinointernational@gmail.com Web. www.merinointernational.net

An ISO 9001:2008 Accredited Company



M4570910IN  
ISO 9001:2008

