



A Special Recognition Award from
Ministry of Industry, Government of India for
"Outstanding Achievement In R & D"

PNEUMATIC ULV FOGGER FOR AERIAL STERILISATION



Gouri Engineering Pvt.Ltd. 
ISO 13485: 2016 certified Medical Device Company

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SPECIFICATIONS

TECHNICAL SPECIFICATIONS	
AIR SUPPLY	
Input Pressure	6 bar
Air Volume	6 Cubic Feet per Minute (3 CFM per nozzle)
Hydro-test	Air Tank & Tubing tested at 10 bar for 30 minutes
Input Air filter	Optional inlet air filter of 0.5 microns
MATERIAL OF CONSTRUCTION	
Fogger Body	AISI SS 316L
Nozzle	AISI SS 316L
Tubing	Medical grade Silicon and PU Tubing
Nozzle Gasket	Silicon Rubber
Connectors	SS 304 & Polymer
PERFORMANCE	
Droplet size	2 - 4 microns (Validated)
Sound Level	<55 dB @ 1 meter distance as per EPA Norms
Output	Constant 4 LPH (Liters per Hour) per Nozzle
Throw	Upto 30 feet Horizontal & 20 feet Vertical
Warranty	12 months against manufacturing defects
PHYSICAL	
L x B x H	355 mm x 130 mm x 365 mm
Weight (Bare)	6.0 kg
Weight (Net)	11 kg (with 5 liter disinfectant)

SPECIAL FEATURES

USER FRIENDLY

user-friendly design and easy operation

NOZZLE

state-of-the-art nozzles that generate a 2-4 micron droplet to ensure maximum efficacy. It is a dry fog

DISINFECTANT TANK

Best grade non-magnetic stainless steel tank that is sturdy and rust free

AIR SUPPLY

Pressure of 6 bar required and an air volume of 3 CFM per nozzle

TUBES & HARDWARE

Medical grade silicon tubing and Stainless Steel hardware for rust free operation and autoclavability



SPECIAL FEATURES

SPECIFICATIONS	MICROFOG AU-5®	COMPLIANCE
Input Supply	6 Bar pressure, 6 CFM Air Volume	
Aerosol Output	Between 2 - 4 microns (non-wetting) in the major range	The droplet size for Microfog Au 5® is tested and validated by Institute of Chemical Technology (Formerly UDCT) which is a government organisation. No floor wetting and does not need mopping after fogging is done.
Spread & Reach	30 ft (horizontal) & 20 ft (Vertical)	Covers Maximum distance and reaches every corner of the room
Space Treatment	Upto 15000 cu. ft.	Maximum coverage of space because of sub-micron size droplets. Ensures saving of expensive disinfectant and maximum efficacy
Autoclaving	Fully Autoclavable	The entire machine can be autoclaved at 120 degrees celsius for 30 minutes, repeatedly
Nozzle Assembly	Non-clogging design. Stainless Steel Gr. 316L nozzle pin fitted. Material compatible with acidic as well as alkaline solutions	SS 316L is a grade of non-ferrous (does not contain Iron) Stainless Steel. This will ensure that there is no corrosion or erosion of the metal. No chance of rusting in spite of the nozzle being in contact with disinfectant majority of the time.
Precision Metering	65 ml / minute 4L / hour	Generates a constant uniform 2 - 4 micron size droplets throughout the running time.
Timer	Can be provided on request (additional cost)	A timer can be provided with a solenoid valve to cut off the air supply to the machine once it runs for the specified time.
Solution Tank	2.5-liter x 2 tanks made in SS316 L	SS 316L is a grade of non-ferrous (does not contain Iron) Stainless Steel. This will ensure that there is no corrosion or erosion of the metal. No chance of rusting in spite of the tank being in contact with disinfectant majority of the time.
Tubing	Medical grade silicon tubing complying to FDA & USP Class VI	Compatible with all disinfectant solutions – acidic & alkaline
Intake Suction Filter	Provided on request (at additional cost)	0.5 micron SS intake filter can be provided, if required. Only required if the intake air may have particulate matter. The Nozzle pin hole is extremely small and any particulate matter can choke the nozzle.
Nozzles	Twin nozzles that can be directed as per use	The two nozzles can be directed as per the requirement in a 180 degree horizontal plane. Made in SS 316 L with silicon rubber gaskets
Sound Level	55 dB @ 1 meter as per EPA Norms	Designed to conform to EPA Norms to avoid Noise Pollution
Machine Weight	6 kg	Lighter machine for easy portability
After Sales Service	Less than 0.3% machines required repairs in past 25 years	Maximum reliability and long-lasting sturdy machine to avoid any maintenance required.
Warranty	12 months warranty against manufacturing defects	Any manufacturing defect will be covered in the 12 months of warranty free of cost. Physical damage not covered under warranty.

APPLICATION AREAS

APPLICATION AREAS	
TREATMENT SPECIFIC APPLICATIONS	
Aerial & Surface sterilisation, closed space sanitisation	
Control of Mold & Mildew	
Humidification	
Odour Control	
Vector Control	
INDUSTRY SPECIFIC APPLICATIONS	
Pharmaceutical & Biotechnology	Vaccine Mfg, Tablet/Capsule/Syrup Mfg, Bulk Drug Mfg, Microbiology Labs, R&D Centers, Clinical Drug Trial Centers, Tissue Culture Labs, Lifesciences cleanrooms
Hospitals	Operation Theaters, Intensive Care Units (ICU / ICCU / NICU) AKD Units / Post Operative Wards, Pathology Laboratories General Wards, Out-Patient Department, Blood Banks
Agriculture & Horticulture	Greenhouses, Poly Houses, Poultry Sheds, Apiaries, Flower and Vegetable Storage Areas, Mushroom farming Aeroponic Agriculture Greenhouses

