



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



ULV FOGGER FOR OT STERILISATION



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

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SPECIFICATIONS

TECHNICAL SPECIFICATIONS

ELECTRICAL COMPONENTS

Power Supply	220V, 50 Hz Single Phase
Cable Length	2 Meters power cable with moulded plug
Drive Motor	UL Approved. American Make (Standard life: 3000 working hours)
Timer Switch	UL & CE Approved. German Make. Electro-mechanical (0-120 minutes)

MATERIAL OF CONSTRUCTION

Tank & Wetted parts	5 liter capacity. SS316L Tank & SS304 Hardware and wetted parts
Blower Body	High Purity Aluminium
Hardware	SS Hardware. Compatible with acidic and alkaline disinfectants
Tubing	Medical grade Silicon tubing
Moulded parts	HDPE & Special grade Nylon for high reliability

PERFORMANCE

Droplet size	Uniform sub-micron droplet discharge (Validated 0.3 to 0.66 microns)
Sound Level	86 dB @ 1 meter distance
Output	Constant 2.5 LPH (Liters per Hour)
Throw	Upto 50 feet Horizontal & 25 feet Vertical
Warranty	12 months against manufacturing defects

PHYSICAL

L x B x H	490 mm x 230 mm x 850 mm
Weight (Bare)	4.5 kg
Weight (Net)	9.5 kg (with 5 liter disinfectant)

SPECIAL FEATURES



TIMER
UL & CE approved German Timer for uninterrupted fogging and long life of the motor

NOZZLE
state-of-the-art nozzles that generates a sub-micron size droplet to ensure maximum efficacy

MOTOR
UL approved, American high-speed motor. Maximum reliability, best performance

TUBES & HARDWARE
medical grade silicon tubing & stainless steel internal hardware for rust free operations

ANTI-SKID GASKET
Anti-skid gasket for firm hold on any surface avoids any falling and damage to the machine

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

SPECIAL FEATURES

SPECIFICATIONS	NANOTEK®	COMPLIANCE
Power Supply	22V, 50 Hz, Single Phase Supply	Standard supply in India
Aerosol Output	Sub-micron (non-wetting) 0.3 to 0.66 microns in the major range	The droplet size for Nanotek® 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	50 ft (horizontal) & 25 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
Treatment of 100 square feet area	350 ml disinfectant solution	Lesser disinfectant requirement ensures saving of expensive disinfectant. (dosage as per disinfectant specifications)
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. Also, there is no chance of rusting since the nozzle is in Contact with disinfectant majority of the time.
Precision Metering System	50 ml / minute 1.5L/ hour	Generates a constant uniform sub-micron size droplets throughout the running time.
Timer Switch	0-120 minutes UL & CE Approved German Timer	In built electro-mechanical timer switch for non-assisted operation and auto cut-off to maximise the life of the motor.
Solution Tank	5-liter capacity tank 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. Also, there is no chance of rusting since the nozzle is 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	0.5-micron two-layer suction filter for dust and fog separation. Removable & Washable	The two-stage filter is removable and washable. A spare filter is given with every machine to ensure that a filter is available at all times.
Motor	UL approved American make high speed motor	High reliability high speed motor. Working life of 3000 hours
Sound Level	86 dB @ 1 meter as per EPA Norms	Designed to conform to EPA Norms to avoid excess Noise Pollution
Machine Weight	4.5 kg	Lighter machine for easy portability
After Sales Service	Less than 2% machines required repairs in past 25 years	Maximum reliability and long-lasting sturdy machine to avoid any maintenance required.
Warranty	24 months warranty against manufacturing defects	Any manufacturing defect will be covered in the 24 months of warranty free of cost. Physical & Electrical damage not covered under warranty.

APPLICATION AREAS

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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

