

STERI-7

PROTECTION BETWEEN CLEANS

STERI-7 Biomister Technical Information



Product Description

STERI-7 are introducing their powerful new 1250w ULV Biomister. Applying STERI-7 using the ULV Biomister causes the minimum of disruption and downtime. It can be used to treat large or small areas, hard to reach ceilings or walls all in a short space of time. It also works as a powerful wind blower. After cleaning an area thoroughly, use STERI-7 ULV Biomister to kill up to 99.9999% of harmful superbugs such as Norovirus, Swine Flu, E.Coli, Salmonella, Legionella and many more. This provides Clients with the total Biosecurity and peace of mind they deserve.

The process works by filling a room with a fine mist of 10 micron particals (1 micron = 1 millionth of a metre or 1 thousandth of a millimetre). As the particals settle onto all surfaces, even the ones never touched by conventional cleaning, STERI-7 kicks into action killing Bacteria, Spores and Viruses fast.

The art of good cleaning has always revolved around a visibly clean environment. Infection Control cleaning is a new method to remove, kill and prevent the things we can't see. Bacteria and viruses live among us in their millions.

Unseen, and unnoticed until they enter our bodies and make us unwell, only then do we see the problem. Other infections such as Norovirus affect thousands of people each year, closing restaurants, businesses, schools, and hotels.

The STERI-7 Bio-misting method enables us to safely disinfect any room or area, killing any harmful pathogenic organisms on surfaces up to 99.9999%. Bio-misting is part of STERI-7's BREAK, TREAT, PREVENT ideal to achieve full Biosecurity.

Features and benefits

Motor Specification	
Blower Size	121mm
Rated Voltage	230V 50hz
Max. Input Power	1250w
Max. Airflow	48.0 l/s
Max. Vacuum	28 kPa
Max. Air Power	530w
Max. Efficiency	48.50%
Particle size	10-50µ
Insulation Class	F



Operative PPE

- (i) The STERI-7 BioMist equipment nor the STERI-7 non-caustic, non-toxic, non-corrosive chemical additive present any specific personal or safety hazards.
- (ii) Standard Health and Safety precautions such as the wearing of safety footwear and Hi-Viz vests should be adhered to.
- (iii) As the plume of water droplets are directed away from and in front of the operative prolonged exposure to water droplets is unnecessary, however appropriate waterproof PPE, goggles and /or gloves may be worn if required.

Usage Instructions

1. Identifying appropriate power source for STERI-7 BioMist equipment
 - (i) Locate and identify a suitable 240v power source no more than 10 metres from the area / unit / equipment to be disinfected.
 - (ii) Ensure the power source is switched OFF.
 - (iii) Connect a suitable electrical extension cable with residual-current circuit breaker (RCCB) fitted to the power source by plugging in.
 - (iv) DO NOT switch the power source ON.
 - (v) Identify a suitable routing for the extension cable to the demonstration location identified by the site taking care to avoid walkways and other potential hazards.
 - (vi) Connect the STERI-7 BioMist machine power cable to the electrical extension outlet ensuring that water ingress points are fully closed.
 - (vii) Switch the power source ON
 - (viii) Briefly turn the STERI-7 BioMist machine switch to the ON position to ensure a power feed.
 - (ix) If the machine runs switch it OFF and disconnect it from the power source.
 - (x) Switch the power source OFF.
2. Preparing the STERI-7 BioMist equipment for use and administering STERI-7 chemical additive.
 - (i) If an existing chemical dispenser is not available on site take the STERI-7 BioMist machine to a suitable location for preparation.
 - (ii) Prepare the STERI-7 chemical additive according to manufacturers instructions (Concentrate or ready to use) and pour into the STERI-7 BioMist reservoir.
 - (iii) Add 3 litres of tap water (if using concentrate) to fill the reservoir.
 - (iv) Do not overfill the reservoir.
 - (v) Return the STERI-7 BioMist machine to the demonstration location identified by the site
 - (vi) Connect the STERI-7 BioMist machine power cable to the electrical extension outlet ensuring that water ingress points are fully closed.
 - (vii) Switch the power source ON
 - (viii) Briefly turn the STERI-7 BioMist machine switch to the ON position to ensure a power feed and check all functions of the machine.
 - (ix) Switch the STERI-7 BioMist machine OFF.
 - (x) The machine is now ready for use.
3. Application process
 - (i) The operative will identify the unit to be disinfected.
 - (ii) The operative will take up a position appropriate to the area / unit / equipment to be disinfected.
 - (iii) The operative will switch on the STERI-7 BioMist machine and using the directional capabilities of the equipment will apply the plume of spray mist to provide coverage to all appropriate surfaces.
 - (iv) The area / unit / equipment should be ready for use as soon as mist has settled and dried.

