

Thymox - A Complete Guide to Fogging Thymox



Thymox is a powerful, disinfectant proven to kill a wide variety of bacteria and viruses, including: Coronavirus, SARS-CoV-2 (Severe acute respiratory syndrome coronavirus 2), Influenza A, HIV-1 (Human Immunodeficiency Virus), Norovirus, Pseudomonas aeruginosa, Salmonella enterica (choleraesuis), Staphylococcus aureus, Escherichia coli (E. coli), E. coli O157:H7, Methicillin Resistant Staphylococcus aureus (MRSA), Vancomycin Resistant Enterococcus (VRE), Listeria monocytogenes, Streptococcus suis, and Klebsiella pneumoniae-NDM-1 positive.

Thymox is uniquely suited to application by ULV fogger and is used extensively for the decontamination of healthcare and public spaces.

Application by Fogging

Application by fogging is a very efficient and effective method of applying Thymox to surfaces in a complex environment.

The ULV (Ultra Low Volume) fogging equipment aerosolizes the Thymox solution into micron size droplets for even and effective dispersion without over wetting and enables reach into restricted spaces.

Fogger Type

Use ULV Fogging equipment capable of producing a cold/wet fog, sometimes called atomised fog. Thermal (heated) fogging is not suitable for water-based solutions.

The ULV Fogger should have specifications within the ranges below;

Spray Rate: 30ml – 100ml per minute

Droplet Size: 10-50 microns

Precautions and Safety

- Use suitable respiratory protection (Filter type A Class 1 or 2 or Filter type CF22 A2).
- Wear suitable eye and skin protection.
- Ensure the area is empty/uninhabited at the time of fogging.
- Cover or remove water-sensitive surfaces and foods.

Application

Read and understand the directions for the use of the fogging equipment provided by the equipment supplier.

Turn off air conditioning and air reticulation systems. Close doors and windows.

Surfaces that are soiled should be pre-cleaned.

Move the fogging system through the area to achieve a dosage of 8-10ml per m³. Work out the room volume by multiplying length x width x height. Then use the spray rate of the fogger (eg 30ml per minute) to calculate how many minutes the fogger needs to be used in each room.

A correctly treated surface will dry in a minimum of 10 minutes and maximum of 30 minutes. No runs or pools should be visible.

Ten minutes after application, ventilation can be returned. Inhabitants should not return until surfaces have dried.

Rinsing or wiping is not normally required however touch point will benefit from wiping to dislodge body oils and grime and provide the very best disinfection outcome. Medical treatment surfaces and food preparation surfaces should be wiped 10 minutes after application.