



PREVENTION OF COVID-19 WITH ULV FOGGING

There is currently no vaccine to prevent coronavirus disease 2019 (COVID-19). The best way to prevent illness is to avoid being exposed to this virus. However, as a reminder, CDC (Centres for Disease Control) always recommends everyday preventive actions which we have had frequent reminders of recently, such as washing hands and covering coughs with tissue/elbows etc. This is to help prevent the spread of respiratory diseases.

But there is more than can be done to prevent the spread, these include;

- Clean and disinfect frequently touched objects and surfaces.
- Treating public areas with alcohol-based disinfectants with ULV- Fogging.

WHAT IS ULTRA LOW VOLUME (ULV) FOGGING?

ULV fogging equipment is used predominately for the application of disinfectants as well as biocides, fungicides and pesticides. ULV Fogging works by compressing disinfectants through a specially designed nozzle, producing a fine cold mist or aerosol. Our ULV fogging machines generate a fog or mist formed of Ultra Low Volume (ULV) droplets between 5-50 microns (μm) in diameter. Studies have shown that droplets of this size are ideal to tackle pathogens. In addition, formulations can be applied in concentrations of 10-90% and at flow rates of up to 0.5 litres per minute (30 litres per hour) making them more efficient in the Volume Median Diameter (VMD) spectrum.

Pathogenic microbes such as virus, fungi and pathogenic bacteria are the main cause of airborne or direct contact diseases affecting humans. Studies show the application of disinfectants and biocides via aerosol or fogging significantly reduce the number of viable infectious pathogens. Foggers produce micro droplets that float in the air for around 10 minutes after application, reaching the most inaccessible parts where conventional cleaning or spraying can't reach.

Influenza Viral infections make up around one third of cases of food poisoning in developed countries. Examples of these viruses include the Norovirus and Rotovirus. Other common viral infections include cold viruses and Seasonal influenza (the flu). An increasing concern due to a growing global population are animal or bird to human transmissions such as H1N1 (swine flu), and H5N1 strain of bird flu. Disinfection of surfaces using a fogger is essential to stop the spread of these infections.

Enquire if you would like to have a quote or need more information how to protect you, your family and your business.

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