

EFFECTIVENESS OF EOLIS AIR MANAGER ON THE MPOX VIRUS



The effectiveness of EOLIS Air Manager, our professional air purifier dedicated to all complex health situations, in eliminating viruses from surfaces has been tested by an independent French laboratory.

Activation of the active oxygen treatment ('Deep Clean' mode) was shown to reduce the number of viruses present on surfaces by 99% in one hour in a 50 m³ room (test conditions according to standard NF EN 17272: 2020).

Although the tests were carried out on murine norovirus and human adenovirus type 5, these non-enveloped viruses are more resistant than simian orthopoxvirus (or mpox), according to Spaulding's classification.

These results therefore confirm the effectiveness of EOLIS Air Manager in successfully reducing the presence of viruses on surfaces, offering increased protection against indirect transmission of mpox.

The patented Deep Clean 60 minutes exclusive feature allows a rapid, controlled diffusion of active oxygen throughout the room meaning that surfaces and textiles can be cleaned quickly without the use of chemical products, and the room can be re-entered safely after just one hour. Moreover, EOLIS Air Manager reduces efficiently the airborne propagation of pathogenic micro-organisms, including viruses and bacteria, thanks to its unique combination of technologies:

- a biocidal prefilter,
- a EN1822-4 certified medical HEPA H13 filter,
- and OSRAM PURITEC® HNS® (made in Germany) germicidal UV-C lamps.



By continuously purifying the air, EOLIS Air Manager therefore also reduce the quantity of contaminants deposited on surfaces, thereby limiting the risk of indirect transmission of mpox via these surfaces.

