

## EOLIS AIR MANAGER FINE PARTICLES PERFORMANCE REPORT (SIZE 0,3µm)

### TEST CONDITIONS\* :

- EOLIS AIR MANAGER 600 air purifier is placed in a room of 74m<sup>3</sup>
- Starting air quality : in alert area, over the average acceptable pollution level (risk for general population)
- EOLIS Air Manager is turned on at maximum speed (level 5) for 60mn
- 0,3µm size particle concentration is measured every 2mn

#### Measuring device used :

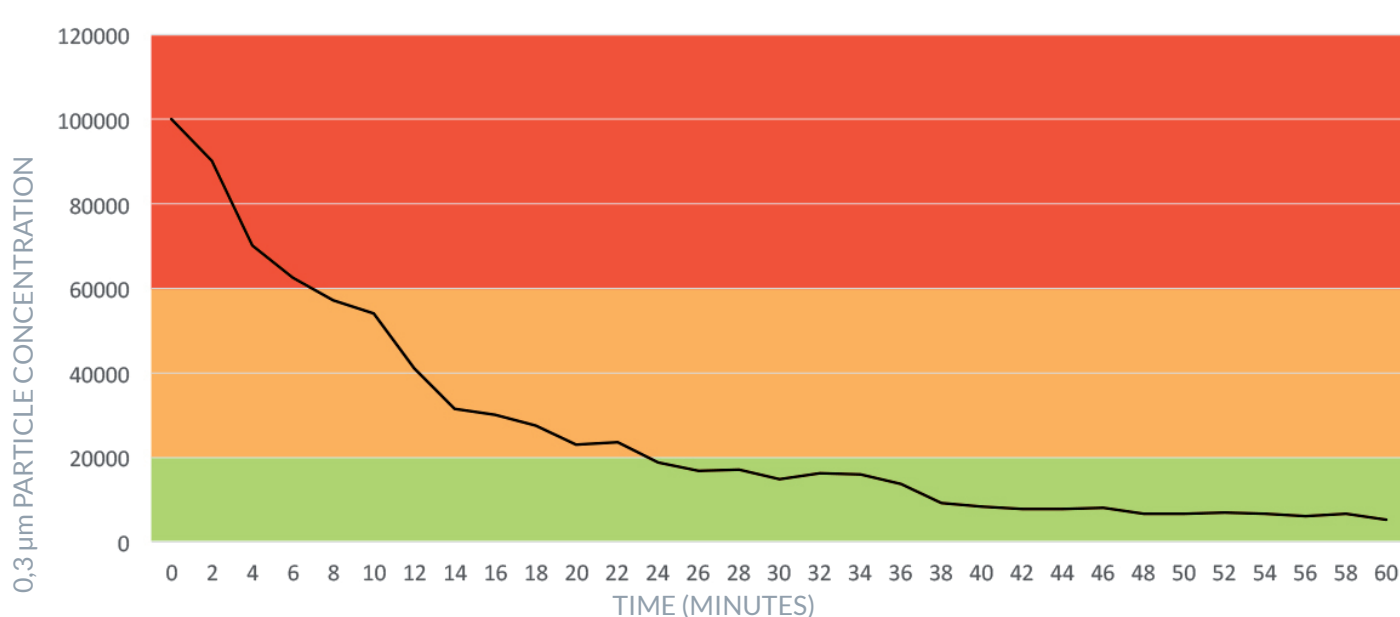
Reference of the particles measuring device is CEM DT-9881. This device measures the concentration of size 0,3µm particles in the room.

#### Filter used inside EOLIS AIR MANAGER :

HEPA H13 (15mm Antibacterial, virucidal and acaricidal prefilter + 48mm HEPA H13 filter + 20mm Very high density VHD activated carbon filter + 5mm Photocatalysis filter)

These tests enable to visualize the performance of EOLIS AIR MANAGER on fine particles (size 0,3µm) concentration, for a closed defined area.

### RESULTS: PARTICLE CONCENTRATION EVOLUTION (0,3 µm)



**Good quality area**  
good air quality, low level of pollution

**Acceptable quality area**  
healthy people can feel some impact on their heart, lungs or respiratory system

**Alert area**  
drastic impact on respiratory system, even if the physical activity is limited ; general risk for all population ; high risk for people with cardiac conditions, elderly persons and children

### CONCLUSION :

This test shows that in 60mn, EOLIS AIR MANAGER 600 can reduce by 94,8% the quantity of particles of 0,3µm in a closed area, in accordance with of the prescribed treatment surface given.