

# AIR PURIFIER MAC500S

CONTROLLED\* UV-C & OZONE FOR YOUR BENEFITS



CLEAN AIR BY **UV-C AIR PURIFIER** ●●●●



## DOCUMENTED EFFECT ON VIRUS REDUCTION

A study from the technological institute in Denmark states that the Danish-developed air purifier MAC500s effectively reduces viruses from the air. In rooms where the air purifier is in use, the virus is reduced by 89 % already during the first hour. After two hours, the virus is reduced by 99 percent, and after three hours, the reduction is 99.9 %.

The test was performed on a bacterium infected with the MS2 virus. Coronavirus is 7-10 times more susceptible to UV light than MS2 bacteriophages. This means that the virus on which the test was performed on is more difficult or as difficult to degrade as SARS-CoV2 (the virus that causes COVID-19).



### MAC500S

reduces the amount of bacteria, viral disease, mold and fungi within the room and does not produce any NOx.



### MAC500S

reduces indoor air pollution and eliminates the sources of headaches, respiratory problems, fatigue, COPD and asthma..



### MAC500S

is designed for use 24/7 and to effectively decrease the spreading of any disease in rooms and areas where people are present.

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The Jimco proprietary technology in the MAC500s Air purifier eliminates most of the bacteria and viral disease by the UV-C directly inside the cleaner combined with Ozone that is added to the air aids in the oxidizing of bacteria, viruses, algae and fungi in the air as well as in the room, this is also called dynamic cleaning by Jimco. The Jimco proprietary technology furthermore ensures that Ozone levels is maintained at safe level that does not exceed recommended limit of 0.1 ppm – corresponding to 0,22 mg O3/m3 air in the room as documented by Danish Institute of Technology, Eurofins Denmark and Analytical Laboratories (S) Pte Ltd Singapore

