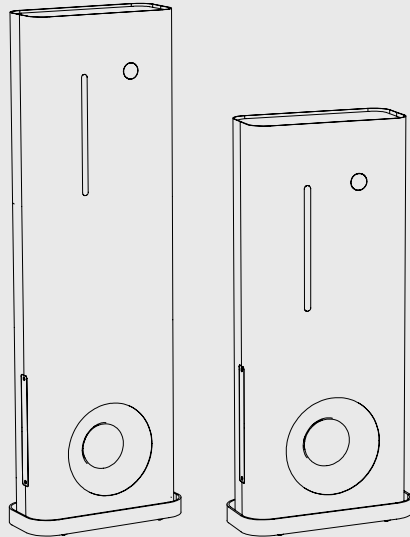


WIZARD

**Certificate on the effectiveness of scarecrow 15/18
against covid-19 & other viruses and bacteria***



* Based on the scientific paper of the University of Milan

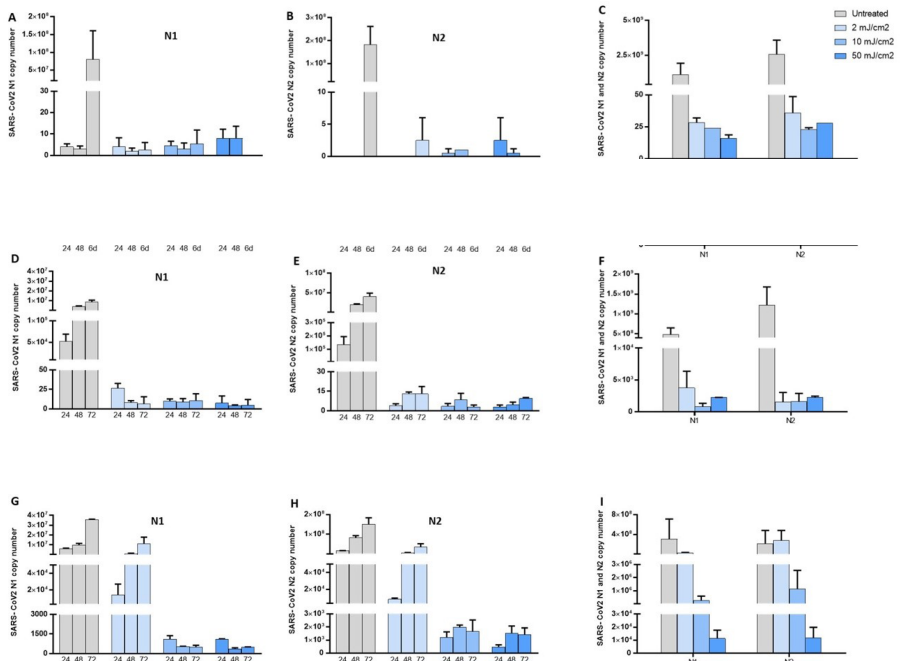
Wizard Techonology certifies 100% removal of COVID-19 and other airborne viruses treated with the SCARECROW machine.

The University of Milan states that:

The potential virucidal effects of UV-C irradiation on SARS-CoV-2 were experimentally evaluated for different illumination doses and virus concentrations.

Multiplicity of infection (MOI) of 1000 (very high concentration), 5 (concentration in saliva of an infected person) and 0.05 (small concentration of virus).

At a virus density comparable to that observed in SARS-CoV-2 infection, an UV-C dose of just 37 J/m² was sufficient to achieve a 3-log inactivation (99%), and complete inhibition (100%) of all viral concentrations was observed with 169 J/m².



For virus concentrations typical of low-level contaminated closed environment and sputum of COVID-19 infected patients, a very small dose of less than 40 J/m² was enough to achieve full inactivation (100%) of the virus. In the case of maximum virus concentration (1000 MOI), the virus was killed at 169 J/m².

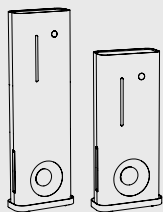
TABLE OF JOULES/M²

Speed	Max.	Med.	Min.
Scarecrow 15	105 J/m ²	210 J/m ²	419 J/m ²
Scarecrow 18	219 J/m ²	438 J/m ²	875 J/m ²
Scarecrow 18 Turbo	123 J/m ²	246 J/m ²	491 J/m ²

* In all cases 100% Covid-19 disinfection is achieved for small infection concentrations and concentrations of one infected person. Even Scarecrow 15 at maximum speed and an extremely Covid-19-loaded environment is able to kill 99% of bacteria and viruses.



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