

STUDY REPORT ABSTRACT

N° 200421-04-EN

Client: Daikin Europe NV

Date of the Test: from April 27th, 2021 to May 3rd, 2021

Device tested: DAIKIN air purifier – model MCK55WVM

Efficiency test against the pathogen: Influenza virus A subtype H1N1
H1N1 virus is one of the influenza viruses responsible for flu

Condition of the Test: Contaminated air within an air-tight chamber with inner volume of 0.47 m³, no air renewal

Methodology of the Test: The principle of the test consists in nebulizing a calibrated suspension of virus in the air inside an air-tight cabinet with inner volume 0.47 m³. The purifier is then switched on for 150 seconds in turbo mode. Air was then sampled, to collect and quantify surviving viruses. The antiviral efficiency is evaluated by comparison with a reference test where active parts (dust collection electrostatic HEPA filter and Streamer unit) were removed from the purifier.

Result of the Test: The air purifier model MCK55WVM of DAIKIN allows a removal of 99.986 % of Influenza virus A subtype H1N1 from air in a 0.47 m³ chamber after 150 seconds running time in turbo mode.

Lille, November 22nd, 2021

Certified true and accurate by Dr. Michèle Vialette
Head of the the microbiological safety unit
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