

iWave AIR IONIZATION SYSTEM

All tests were run using proprietary NPBI™ technology.

SARS-CoV-2 (Covid-19)

TIME IN
CHAMBER

30 MINUTES

RATE OF
REDUCTION

99.4%

Please note that testing the reduction rate of SARS-Cov-2 and Human Coronavirus 229E with the iWave NPBI product is an evolving process and additional testing is anticipated to be conducted in the future. iWave products are not marketed as, nor cleared by the FDA as a medical device.

3RD Party
LAB TESTED

This test was run using the iWave-C Air Ionization System P/N 4900-10 in a test designed to mimic ionization conditions like that of a commercial aircraft's fuselage.

Based on viral titrations, it was determined that at 10 minutes, 84.2% of the virus was inactivated. At 15 minutes, 92.6% of the virus was inactivated, and at 30 minutes, 99.4% of the virus was inactivated.

Human Coronavirus 229E

TIME IN
CHAMBER

60 MINUTES

RATE OF
REDUCTION

90%

Human Coronavirus 229E is not SARS-CoV-2

3RD Party
LAB TESTED

This test was run in a test chamber in a lab setting with the Nu-Calgon iWave-R Air Ionization System P/N 4900-20.

A petri dish containing a pathogen is placed underneath a laboratory hood, then monitored to assess the viruses reactivity to Needlepoint Bi-polar Ionization (NPBI) over time. This controlled environment allows for comparison across different types of viruses.

iWave's Needlepoint Bi-polar Ionization (NPBI) technology is used in a wide range of applications across diverse environmental conditions. Since locations will vary, clients should evaluate their individual application and environmental conditions when making an assessment regarding the technology's potential benefits.

