

# *iWave* AIR PURIFIERS



## PATHOGEN TEST RESULTS

All tests were run using proprietary NPBI™ technology.

### SARS-CoV-2 (Covid-19)

TIME IN  
CHAMBER

30 MINUTES

RATE OF  
REDUCTION

99.4%

INNOVATIVE  
BIOANALYSIS

This test was run using the iWave-C (GPS-DM48-AC) 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%

ALG  
ANALYTICAL  
LAB GROUP

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

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

iWave's Needle Point 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.

 **Nu-Calgon**