

Coastal Carolina

MOLD EXPERTS

PH: 910-821-0478

iWave AIR PURIFIERS

iWave kills mold, bacteria, viruses, reduces odors, and even reduces allergens and static electricity. iWave requires no maintenance and has no harmful byproducts, safely cleaning the air. With over 200,000 installations worldwide, iWave is the #1 air purifier.



iWave-C 4900-10



iWave-R 4900-20



iWave-M 4900-35

"I have heard good reports about your Bi-polar Ion unit from people that have installed them, but was skeptical about the claims that it removed odors. We installed the unit on Friday and by Monday morning there was no trace of the odor. I'm a firm believer of your product after putting it through the hardest test I could find. I highly recommend your product to anyone who asks about an increase in their air quality."

– Mark Gill, President, Tri-M Mechanical Services



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%

3RD Party
LAB TESTED

This test was run using the iWave-C Air Purifier 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%

3RD Party
LAB TESTED

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 Needlepoint Bi-polar Ionization (NPBI) over time. This controlled environment allows for comparison across different types of pathogens.

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.