

IMPROVING INDOOR AIR QUALITY

Are members of your family more susceptible to allergies or viruses in your home?

Have you noticed odors from pets, cooking or from your air conditioning system?

Are you tired of seeing sunbeams or tiny floating particles in the room?

Are static electricity shocks an issue in your home?

NEEDHAM MECHANICAL
AIR CONDITIONING • HEATING
RADIANT FLOOR HEATING



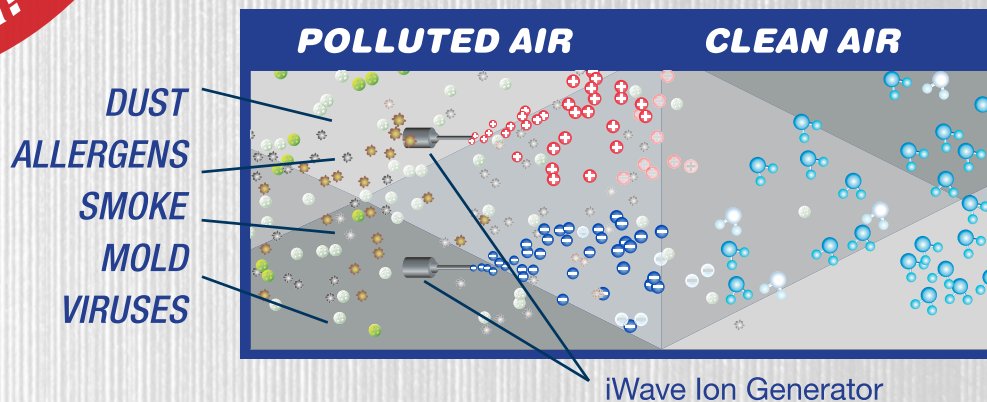
iWave-C

THE iWAVE DIFFERENCE

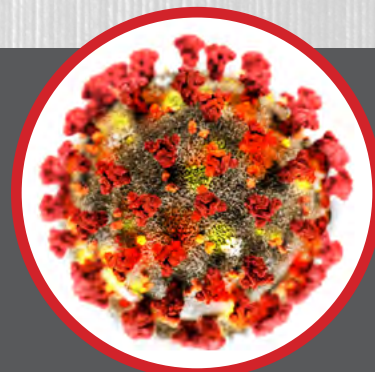
- Proven technology – over 100,000 installations
- Actively purifies the whole house!
- Kills mold, bacteria and viruses
- Reduces allergens, odors, smoke and particles
- Maintenance free
- No replacement parts
- Self-cleaning design
- Installs in any duct air conditioning system
- Three-year warranty



Scan here to watch
the iWave video
www.iwaveair.com



The Center for Disease and Control (CDC) is responding to an outbreak of respiratory disease caused by a novel (new) coronavirus that was first detected in China and which has now been detected in 60 locations internationally, including in the United States. The disease it causes has been named "coronavirus disease 2019" ("COVID-19"). At this time COVID-19 virus has not been made available for testing. However, the iWave family of products have been proven through independent lab testing to significantly reduce a wide variety of pathogens and viruses similar to coronavirus in the breathing zone and on hard non-porous surfaces. It is important to note that we make no medical claims.





EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Labs, a laboratory rated as "Elite" by the Center for Disease Control, has tested the effectiveness of iWave™ products against the pathogens listed below. All testing was done in a large environmental chamber in an effort to simulate a home environment. The testing resulted in very high kill rates "in the space," as shown below.



| | | | |
|--|--------------------------------|--|--|
| | STAPH | About 25% of people normally carry Staph in the nose, mouth or other areas of the body. The foot is also very prone to picking up bacteria from the floor. | STAPH – Reduced 96.24% after 30 minutes of iWave purification |
| | MRSA | MRSA is a Staph germ that does not get better with first-line antibiotics. Once the Staph germ enters the body, it can spread to bones, joints, blood or any organ. | MRSA – Reduced 96.24% after 30 minutes of iWave purification |
| | E.COLI | E. coli is commonly found in the lower intestine of warm-blooded organisms. Most E.coli strains are harmless, but some serotypes can cause serious food poisoning in humans. | E.COLI – Reduced 99.68% after 15 minutes of iWave purification |
| | CLOSTRIDIUM DIFFICILE (C.DIFF) | C.diff bacteria release toxins that can cause diarrhea, with abdominal pain that can become severe. In rare cases, this can progress to a life-threatening condition. | C.DIFF – Reduced 86.87% after 30 minutes of iWave purification |
| | TUBERCULOSIS (TB) | TB most commonly affects the lungs but also can involve almost any organ of the body. Tuberculosis can usually be treated successfully with antibiotics. | TB – Reduced 69.01% after 60 minutes of iWave purification |
| | AIRBORNE MOLD SPORES | Airborne mold spores are invisible to the eye, and they can easily flow through different areas of the home, especially through heating and cooling system ducts, causing allergic reactions, asthma episodes, eye irritations, sinus congestion and other respiratory problems. | AIRBORNE MOLD SPORES – Reduced 99.5% by iWave purification as tested by Green Clean Air. |
| | LEGIONELLA PNEUMOPHILA | Legionella outbreaks are associated with large or complex water systems like those found in hospitals, hotels and cruise ships. Symptoms include coughing, shortness of breath, muscle aches, headache and fever. Most make a full recovery, but the CDC reports 1 out of 10 people who get the disease will die from the infection. | LEGIONELLA PNEUMOPHILA – Reduced by 99.71% from a solid surface after 30 minutes of iWave purification |

iWave-C vs. Other Market Options:

| Benefit | iWave-C | UVPCO Ionizers | UV Light |
|---|----------------|-----------------------|-----------------|
| Replacement Interval | NONE | EVERY 2 YEARS | ANNUALLY |
| Self-Cleaning | ✓ | ✗ | ✗ |
| Kills Mold, Bacteria and Virus | ✓ | ✓ | ✓ |
| Kills Pathogens in Space | ✓ | ✓ | ✗ |
| Controls Odors | ✓ | ✓ | ✗ |
| Reduces Particles in Air | ✓ | POOR | ✗ |
| Universal Voltage (24VAC to 240VAC) | ✓ | SOME MODELS | ✗ |
| Limited Three Year Warranty | ✓ | ✗ | ✗ |
| Produces Detectable Ozone - an Irritant | ✗ | ✓ | ✗ |
| Produces Other Harmful Byproducts | ✗ | SOME MODELS | ✗ |
| Fragile/Contains Mercury | ✗ | ✓ | ✓ |
| Contains Titanium Dioxide - A Respiratory Concern | ✗ | SOME MODELS | ✗ |