Protocols and products that James River Air Conditioning Co. offers that can help reduce airborne particles that can carry and transmit viruses, bacteria, pollen and molds. Please note – none of these products offer a complete elimination of the threat of a virus, but combined with known strategies, they can lower the risk and probability of transmission. Coronavirus or any flu, cold, or allergy is about the management of each step you take to reduce your probability.

Please feel free to call our office at any time to ask questions, or for assistance with any heating, cooling, plumbing, electrical or indoor air quality questions.

Sincerely,

Hugh A. Joyce - President, James River Air
**iWave AIR PURIFIERS**

**PATHOGEN TEST RESULTS**

All tests were run using proprietary NPBI™ technology.

<table>
<thead>
<tr>
<th>PATHOGEN</th>
<th>TIME IN CHAMBER</th>
<th>RATE OF REDUCTION</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>SARS-CoV-2 (Covid-19)</strong></td>
<td><strong>30 MINUTES</strong></td>
<td><strong>99.4%</strong></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Human Coronavirus 229E</strong></td>
<td><strong>60 MINUTES</strong></td>
<td><strong>90%</strong></td>
</tr>
</tbody>
</table>

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.

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.
COVID-19 - Coronavirus

Best Practices - DATA SHEET -

What are we doing?

- PPE
- Social Distancing
- Hygiene Protocol
- Sanitize before every call
- No Touch
- Extreme Self Screening

What can you do with what you have?

- Keep Spaces Clean & Wiped Down
- Introduce Fresh Air If Possible
- Monitor Humidity
- Change Air Filters
- Confirm Bath Fans Venting Outside
- Keep Home Well Lit
- Let Sun In Home

Are you doing The Five?

1 - HANDS: Wash them often
2 - ELBOW: Cough into it
3 - FACE: Don’t touch it
4 - FEET: Stay more than 3ft apart
5 - FEEL: Sick? Stay home

For more information visit www.who.int/emergencies/diseases/novel-coronavirus-2019

www.cdc.gov/coronavirus/2019-ncov