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'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.

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.

All tests were run using proprietary NPBI™ technology.
Vapor Barrier & Dehumidifier Package
A Dry, Healthy Home Starts Here!

| Why worry about your crawlspace? | Up to 40% of the air we breathe on the first floor of our homes comes from the crawlspace or basement. Excess moisture in the crawlspace supports microbiological growth, dust, mites, and other insects. Poor quality air and allergens caused from mold spores and dust mite droppings – the two largest indoor allergens – can affect your health. Moisture can also cause structural damage to your home’s wood framing and degrade some forms of insulation. |
| Signs of excessive moisture in the crawlspace. | • Respiratory discomfort, headaches, and illnesses, such as allergies and asthma  
• Insects and other pest infestations  
• Unpleasant, musty odors  
• Signs of rot and rust in the crawlspace |
| Why install a vapor barrier & dehumidifier in your crawlspace? | • **Improves Air Quality** – Promotes clean air circulation throughout the home  
• **Prevents Mold & Mildew Issues** – Unwanted moisture issues are prevented when moisture is eliminated from under the home.  
• **Eliminates Insect Infestation** – Protecting the crawlspace eliminates the possibility of conditions that welcome insects and pests.  
• **Hinders Structural Damage** – For the long-term stability of the home’s foundation, it is vital to prevent moisture from accumulating in the crawlspace making the foundation more stable for years to come.  
• **Increases Energy Efficiency** – When the HVAC unit does not have to fight damp air created by a crawlspace, it functions with less energy, which decreases monthly utility costs.  
• **Improves the Comfort of the Floors** – By protecting the crawlspace, the temperature of the home’s hardwood and tile floors will be more comfortable to walk on, especially during winter months. |

Schedule a Free Inspection

James River Air Conditioning
804-358-9333
1905 Westmoreland St.
Richmond, VA 23230
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 cdc.gov/coronavirus/2019-ncov