



# TRUE TO YOUR MISSION

## VECTRUS COVID-19 PROTECTION WITH DYNAMICS NANOWAVE AIR™

Improving indoor air quality with specialized UV-C light to inactivate the COVID-19 virus in milliseconds as well as other viruses and bacteria, mitigating the spread of infections.



**As part of Vectrus' Facility and Operational Technology Logistics Services, we partner with Dynamics to provide a breakthrough UV-C solution for improving indoor air quality by inactivating airborne infectious diseases, helping our customers maintain operational readiness and safer work environments for their personnel.**

### THE CHALLENGE

Spread of infectious airborne pathogens within indoor settings poses a material risk for the day-to-day operations of our clients by inhibiting the amount of time individuals can spend in group settings. Our customers require real-time solutions which decrease the concentration of airborne pathogens, improving indoor air quality and resulting in decreased transmission rates of infections.

### THE SOLUTION

Dynamics Nanowave Air™ uses encapsulated UV-C light ensuring safe deployment around people since no UV-C leaves the device. It processes up to 300 LPM (liters per minute), inactivating COVID-19 and many other viruses in under a second and then pushing the air out at 11+ feet. In this manner, it floods the breathing space around you with continuous inactivated air, decreasing overall concentration levels of pathogens in your environment, and resulting in substantially lower infection rates.

Our encapsulated UV-C system provides optimal coverage in places such as:

- **Barracks.** Enclosed areas where large numbers of individuals sleep and operate need protection due to the rapid nature of fast airborne transmission.
- **Dining Facilities.** These are transient points where individuals from different departments come

### EXPERTS IN THE FIELD

Contact the **Vectrus Supply Chain Team** at [SupplyChainSolutions@vectrus.com](mailto:SupplyChainSolutions@vectrus.com) and visit us at <https://www.vectrus.com/converged-infrastructure/> to learn more about how Vectrus' Dynamics Nanowave Air™ solution can provide optimal COVID-19 protection.

and go frequently, remove their masks to eat and drink, and potentially introduce pathogens into the environment when exhaling. This should be considered a critical risk zone to prevent mass infections.

- **Conference Rooms.** In these spaces, an infected individual can in quick succession infect others around a table. Nanowave Air floods the shared interpersonal breathing space with inactivated air, creating air buffers to protect individuals.
- **Healthcare Sites.** Medical facilities and patient treatment rooms in particular need protection due to stagnant air and poor air circulation coupled with the obvious increased risks accompanying routine examinations and procedures, and to protect healthcare providers from becoming infected and/or passing infections to their many patients.

### THE BENEFITS

- **Ease of Use.** Nanowave Air plugs into regular electrical outlets and can be wall mounted. Consumes less than 1 amp at 120 volt AC. Has a single button to turn on and off and change speeds.
- **Portability.** Nanowave Air is portable and can easily be deployed where you need it. Can be connected to an optional deep current battery with an 8-hour time life.
- **Increased Operational Readiness and Employee Confidence.** Nanowave Air has been proven to remove a number of airborne pathogens, thereby reducing the risk of infection and increasing employee confidence to operate in group settings.
- **Cost Effectiveness and Worker Productivity.** Nanowave Air improves indoor air quality leading to decreased employee sick time. This results in a greater amount of worker availability and completed missions.