

# DAIKIN APPLIED LEVERAGES OMNIA PARTNERS CONTRACT TO INSTALL INDOOR AIR QUALITY EQUIPMENT IN 77 CAMPUS BUILDINGS IN THREE MONTHS.

**Overview:**

Recently, one of the highest-ranked (U.S. News & World Report) public universities in the U.S. joined many other schools in the transition to virtual learning. The decision affected 10,000 employees and 25,000 undergraduate and graduate students. As the pandemic continued to escalate, effective treatments seemed elusive and appropriate preventive measures varied and remained fluid. School administration, however, continued to aggressively search for means by which to mediate indoor air quality to accelerate its return to conventional teaching. Moreover, it set a deadline: the start of the academic year. To help explore options and find the means to cover 77 buildings spread out over eight campuses on 953 acres, the administration turned to Daikin Applied and its representative, ElitAire.

**LOCATION:**

Ohio, USA

**AREA SERVED:**

77 Buildings

**CHALLENGE:**

Leverage Daikin's project management capabilities and its cooperative contract through OMNIA Partners to mitigate the risk of Covid-19 for a major Ohio university before the start of the academic year

**SOLUTIONS:**

GPS i-Mod® Modular Needlepoint Bipolar Ionization System, GPS-FC24™-AC Self-Cleaning Needlepoint Bipolar Ionization System, GPS-FC48™-AC Self-Cleaning Needlepoint Bipolar Ionization System

# OHIO-BASED PUBLIC UNIVERSITY



## Solution:

Public institutions such as this Ohio-based university are often subject to intense scrutiny in terms of budgeting and spending, given support through taxpayer dollars. For infrastructure renovations, they typically employ a design-bid-build project methodology. This approach is designed to be transparent and fair, alleviating concerns about potential fraud or favoritism — and with normal timelines, can work well. Yet, to meet the aggressive timeline set by the university, the Daikin Applied representative immediately thought of Daikin's cooperative contract through OMNIA Partners.

Working through the cooperative contract with OMNIA Partners satisfies the competitive bid process associated with the typical design-bid-build process, thereby facilitating a reduced timeline. There's no need to solicit and review multiple RFPs. Further, the modified process allows more latitude in choosing contractors and subcontractors who are best suited to the specific job and that can work cooperatively to solve challenges. Leveraging the OMNIA Partners contract can result in better product and labor solutions, zero change orders and greater efficiencies on the jobsite.

OMNIA Partners, Public Sector is the nation's largest and most experienced cooperative purchasing organization dedicated to public sector procurement. OMNIA Partners' immense purchasing power and industry-leading suppliers, like Daikin, have produced a comprehensive portfolio of cooperative contracts and partnerships, making OMNIA Partners the most valued and trusted resource for organizations nationwide. Hallmarks of the Daikin cooperative contract through OMNIA Partners are transparency and economies of scale that yield value driven solutions.

In terms of the product solutions, installing Modular Needlepoint Bipolar Ionization (NPBI) Systems from Global Plasma Solutions was chosen to improve the University's indoor air quality. The primary product used, was the GPS-iMOD® model which is field assembled to provide coverage across coil widths of six-inch increments. Other solutions included the GPS-FC48™-AC and GPS-FC24™-AC self-cleaning units which accommodate multiple mounting options including fan inlets, and interior duct walls and floors. Needlepoint Bipolar Ionization technology creates and releases ions into the airstream using existing HVAC systems as the delivery method. When the ions disperse throughout a space, they seek out and form bonds with particles in the air through a process called agglomeration. This process creates a snowball effect in which particles begin to cluster together. The larger a cluster of particles becomes, the easier it is for the air-handling system to filter it out of the air. Global Plasma Solutions' NPBI technology has been certified in accordance with UL 867 and UL 2998 as ozone-free.

## Outcome:

Leveraging Daikin's project management capabilities and its cooperative contract through OMNIA Partners allowed the university to welcome students and staff back in the fall season as planned. In-class learning, and residential living conditions and practices were modified to meet input and advice from a variety of public health experts. These included on-campus experts as well as local health departments, the Centers for Disease Control and Prevention (CDC) and the Ohio Department of Health.



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P A R T N E R S

Daikin products and services are available on a competitively solicited and publicly awarded cooperative contract, available nationwide through OMNIA Partners. Visit <https://www.omniapartners.com/publicsector/suppliers/daikin-applied/contract-documentation> for full contract documentation.