



## Helping Your Facility Improve Air Quality, Promote Occupant Health, and Increase HVAC Efficiency

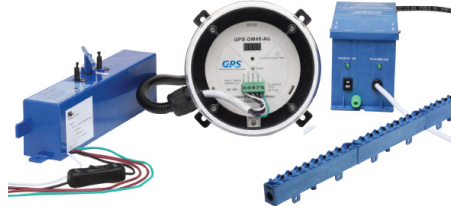


For clients seeking to improve air quality and promote occupant health and comfort, **EMCOR Facilities Services offers a range of indoor air quality (IAQ) solutions that reduces airborne pathogens, particulate matter, volatile organic compounds, and odors from indoor air.** Not only do our IAQ solutions help clean air, it can also help boost the efficiency of your HVAC systems, potentially lowering energy costs and improving your carbon footprint.

### Increased Mechanical Filtration & Outside Air

Increasing the MERV rating of your HVAC system's filtration in conjunction with increasing outside air flow will help in the reduction of suspended unwanted particles. These particles will be reduced from the space the HVAC units serve. At certain MERV levels, some particles as small as bacteria and viruses can be filtered from the air.

EMCOR Facilities Services project managers can review your existing filter and airflow configuration and make recommendations to increase its ability to perform at a higher level.



### Needlepoint Bipolar Ionization— Patented Technology to Help Keep Air Clean and Healthy

Our IAQ product utilizes needlepoint bi-polar ionization (NPBI) technology to purify air inside industrial, commercial, and residential buildings. The patented technology uses an electronic charge to create ions that can kill pathogens, breakdown harmful compounds, and accumulate micro-particles into larger filterable particles.

After passing through the HVAC system, the ions enter a building's air stream, cleaning the air where the ions travel. All our NPBI products are UL and CE approved, producing neither ozone nor other harmful by-products.

#### WHERE IS IT USED?

- Commercial offices
- Child care centers
- Education
- Entertainment venues
- Financial services/Banks
- Food service
- Hospitals & medical offices
- Health clubs
- Hospitality
- Institutional
- Long term care facilities
- Manufacturing
- Religious facilities
- Research & Development
- Residential
- Retail
- Stadiums/Arenas

#### WHAT CAN WE DO FOR YOU?

**EMCOR Facilities Services**  
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**[facilities]solved**