

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 Services Team Mechanical offers an indoor air quality (IAQ) product that uses highly advanced, patented technology to reduce airborne pathogens, particulate matter, volatile organic compounds, and odors from indoor air. Not only does our IAQ solution help clean air, it can also help boost the efficiency of your HVAC systems, potentially lowering energy costs and improving your carbon footprint.

Patented Technology to Help Keep Air Clean and Healthy

Our IAQ product utilizes needlepoint bipolar 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 air throughout the entirety of a facility.

WHAT CAN WE DO FOR YOU?

EMCOR Services Team Mechanical
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All our NPBI products are UL and CE approved, producing neither ozone nor other harmful by-products.

Improving Efficiency and Lowering Costs

Our IAQ solution has the potential to boost the capture efficiency of your HVAC system and reduce the outdoor air required for operation, which can ultimately help significantly lower energy costs. We have seen some HVAC systems improve their capture efficiency by as much as 75 percent and have recorded energy cost reductions up to 30 percent.

Additionally, because superior IAQ promotes occupant comfort and health, it has also been shown to have a positive impact on tenant satisfaction and employee productivity.

WHERE IS IT USED?

Office buildings

Hospitals

Nursing homes and assisted living centers

Child care centers

Convention centers

Banks

Universities

Apartments

Churches

Clean rooms

Health clubs

Casinos

Condos

Ice arenas

Benefits of Our IAQ Solution

- > Reduces pathogens
- > Helps eliminate odors
- > Cleans cooling coils
- > Reduces outside air intake
- > Reduces tonnage requirements
- > Promotes occupant health and comfort