



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 Aircond 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 the air where the ions travel. All our NPBI products are UL and CE approved, producing neither ozone nor other harmful by-products.



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.

Improving Efficiency and Lowering Costs

Our IAQ solution has the potential to boost the 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.

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

Where is it used?

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



Smyrna, GA (Corporate Office)

400 Lake Ridge Drive, Smyrna, GA 30082 T 770.444.3355 Toll Free 800.768.2472

Columbia, SC

158 Lott Court, West Columbia, SC 29169 Toll Free 800.768.2472

Charlotte, NC (Including LT Mechanical)

5901 Northwoods Business, Parkway, Suite G, Charlotte, NC 28269 T 866.390.5912

aircond.com

ES_A 210811

