



**INDOOR AIR QUALITY SOLUTION  
—BI-POLAR IONIZATION**

## Helping Improve Air Quality, Promote Health, and Increase Efficiency

EMCOR Services Scalise Industries offers an **indoor air quality (IAQ) product** that uses highly advanced technology to help **reduce airborne pathogens, particulate matter, volatile organic compounds, and odors from indoor air—all while** helping boost HVAC efficiency and cut energy costs.

### Patented Technology to Help Keep Air Clean and Healthy

Our IAQ product utilizes needlepoint bi-polar ionization (NPBI) technology to purify air inside buildings. The patented technology uses an electronic charge to create ions that can reduce 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.

### 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 lower

energy costs. We have seen some systems improve capture efficiency by as much as 75 percent and record 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.

### 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
- Pharmaceutical
- Biotech
- Gaming/Casinos

### THAT RESPONSIVE. THAT EXPERIENCED.

EMCOR Services Scalise Industries

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