

HVAC

Multi-faceted HVAC Service. Locally—and Across the Nation.

EMCOR Facilities Services (EFS) provides HVAC installation, repair, and maintenance services. The EFS approach to service is grounded in the experience of highly accomplished, certified HVAC technicians trained to service, install, and repair every major equipment brand. They work in virtually every industry, for a wide variety of clients, and aspire to go beyond client expectations on every job.

Why EFS?

- Brand-neutral
- Self performed or supplier managed solutions
- Preventive maintenance & asset management programs
- Latest air filtration technologies
- Complete automation system capabilities—across virtually every brand
- Facility audits—to evaluate equipment lifecycles
- Equipment Life-Extension Program
- Mobile technology used for immediate dispatch and data capture



Highly Experienced Technicians. On-the-spot Solutions.

EMCOR technicians need more than just a basic understanding of air conditioning—they need to know their markets, as well. Having that knowledge enables EFS experts to offer on-the-spot solutions like emergency service, in addition to zone cooling and heating, complete new installation, preventive maintenance, and strategic replacement. EFS experts can also perform ongoing training and certification, if needed.

Friendly. And Environmentally Friendly.

EFS technicians, HVAC supervisors, and customer service representatives go through intensive EPA-issued training in safe refrigerant handling. EFS is one of very few service providers who have earned the EPA's Safe Refrigerant Handling Certification—an endorsement required in order to purchase and maintain HVAC equipment. Our HVAC training program also includes electrical and controls training.

Smarter Equipment. Smarter Savings.

One of the valued benefits of adopting EFS's HVAC expertise and resources is the ongoing savings in both energy and cost. When clients' equipment runs smarter, it's an important measure of their businesses running more efficiently—and that usually means quantifiable cost savings.

HVAC Services Include:

- Equipment repairs, replacements, and retrofits
- Customized planned HVAC maintenance programs
- Design-build services
- Direct digital control system installation and maintenance
- Value engineering and constructability analysis
- Clarification of codes, as well as state and federal requirements
- Chiller and cooling tower maintenance
- Specialized equipment installations for data and communication rooms
- Air filtration and indoor air quality
- Energy audits and integrated management systems
- Insulation of ductwork and refrigeration piping
- Sheet metal installation and modification
- Refrigerant management
- Testing, calibration, and air balancing
- Thermal scanning and vibration analysis
- Welding and piping capabilities
- Commissioning services
- 24/7/365 emergency service

30% of HVAC Units Run During Unoccupied Periods. EFS helps clients identify no-cost energy conservation measures so they can further optimize savings.

● Preventive Maintenance Program Yields \$1.75M in Energy Savings.

Problem: A current banking client for which EFS provides exterior services needed a single provider that could conduct full coverage, consistent HVAC preventive maintenance (PM) services, and capital repair and replacement services for 1,100 of their bank branch locations, since their equipment wasn't being properly maintained by their current service providers.

Solution: Under EFS' National Accounts model, a comprehensive PM program was established in October 2014 and is being performed by EMCOR Mechanical Services companies across the client's bank branch portfolio. EFS also identifies equipment that is in critical

need of repair and makes recommendations to replace it, which helps prevent system breakdowns and branch downtime. Portfolio-wide, the program has resulted in a 22% reduction in kWh consumption, and a 15% decrease in utility costs—totaling \$1.75M in the first year of the contract.

In addition to providing significant savings, EFS has responded to all emergency service requests within a strict 2-hour timeframe, and has streamlined the customer's communication and reporting through a single point of contact. **The customer has been exceedingly satisfied with the results, and the fact that there has been little or no disruption to the normal operation of their banking centers.**

We Know Facilities Inside and Out