

**Chiller  
Services**



# Helping Your Chillers Improve Performance and Efficiency, For **Maximum Value**



This recent medical center project included the installation of new, more efficient chillers and a new building control system that automates and optimizes the chiller plant.



At this retailer's headquarters, a 3,400-ton central plant was constructed and installed with three chillers and all associated equipment. The new and improved system provides more efficient operation and dramatic energy cost savings to the entire headquarters campus.

**EMCOR Services Team Mechanical** installs, services, and maintains a diverse range of chiller models and manufacturers. Our factory-authorized experts are EPA-certified, which means they have the expertise needed to provide reliable, high-quality chiller services. Our team works tirelessly to help guarantee that every installation is a high-performance operation, with maximum cost savings and long-term value.

## **Expert Installation** Solid integration and efficiency

Our engineers apply advanced systems expertise and sound understanding of today's facilities' requirements to address your specific facility needs. This level of engagement ensures that your systems will be carefully planned and integrated for reliability and energy efficiency.

## **Reliable Service** A single point of contact

Our professionals design tailored systems and install reliable, top-line equipment that helps meet your business objectives. And we support those systems with routine and emergency service. Our technicians are available 24/7/365 on a scheduled, emergency, or project basis. Their expertise includes system maintenance and repair, motor controls, and thorough troubleshooting. Whatever the problem, it is traced to its source and corrected quickly.

## **Preventive Maintenance** Extending chiller life

We provide customized preventive maintenance programs to help ensure that your chiller systems are running at peak performance. We identify issues and resolve them before they become problems, in an effort to help extend the life of your equipment — eliminating downtime and avoiding expensive repair costs.





### Benefits of Choosing EMCOR Services Team Mechanical

- » EMCOR companies have access to comprehensive and state-of-the-art parts, training, and technical resources.
- » Access to multiple sources of replacement parts, low-cost substitutes for OEM components, and access to many obsolete items
- » The ability to perform all types of predictive maintenance, including oil wear metal analysis, vibration testing, bearing testing, eddy current tube analysis, and several types of motor testing
- » Careful management and handling of equipment warranties

### A Passion for Safety and Quality Engrained in our culture

By listening to your concerns and responding effectively and safely, we provide quality service that enables you to meet day-to-day challenges and achieve your business goals.

Our skilled installation and service technicians are highly experienced construction and engineering professionals who help ensure that your systems deliver continuous comfort, ongoing productivity, and long-term value — safely and efficiently.

### Our Services

- » Absorption, centrifugal, turbine, reciprocating, screw, and scroll chillers
- » Ongoing maintenance programs:
  - Planned maintenance
  - Full-service/Full-coverage
  - Extended warranties
  - Customized programs
- » Enhanced and predictive maintenance, including:
  - Eddy current testing
  - Vibration testing and analysis
  - Thermal imaging
  - Refrigerant testing/analysis
  - Spectrographic oil analysis
  - Historical comparison to baseline
- » Chiller upgrades:
  - Control panel upgrades
  - VSD retrofits
  - High efficiency compressor
  - Refrigerant conversion/consultation
- » Equipment replacements
- » System reconfiguration/retrofits
- » Planned improvement/energy optimization:
  - "Free" cooling/economizers
  - Performance measurement and benchmarking
  - Chiller and plant optimization strategies
  - Rebate/Incentive coordination
  - Long-range capital planning

### EMCOR Services Team Mechanical

is brand neutral, which means we'll provide objective advice that helps you select the equipment that is right for the particular needs of your business. We install, service, maintain, and operate the following:

- » York
- » Daikin/McQuay
- » Trane
- » Carrier
- » Smardt
- » Multi Stack
- » Dunham Bush
- and many more...*





### **Harnessing the Power of a Fortune 500® Leader**

**A Fortune 500® company, EMCOR Group, Inc. (NYSE: EME) is a leader in mechanical and electrical construction, industrial and energy infrastructure, and building services.**

EMCOR specializes in planning, installing, operating, maintaining, and protecting the sophisticated and dynamic systems that create facility environments. This includes systems such as electrical, mechanical, lighting, air conditioning, heating, security, fire protection, and power generation.

With over 180 locations and approximately 33,000 skilled employees, EMCOR works in virtually every sector of the economy for a diverse range of businesses, organizations, and government agencies.

## **EMCOR Services Team Mechanical**

### **While You Work, Injuries Lurk. Be Vigilant!**

#### **Be There for Life! Zero Injury Program**

EMCOR's safety performance consistently remains strong year after year with a current rate that surpasses competitors by 60-75% and ranks 66% lower than the Bureau of Labor Statistics industry average.

(Source: Bureau of Labor Statistics Industry Average for Specialty Contractors NAICS 238, 2012-2017)



ES\_TMI 200110

### **How can we help you?**

**EMCOR Services Team Mechanical**  
**847.229.7600 24/7 Emergency Service**  
**431 Lexington Drive, Buffalo Grove, IL 60089**  
**[www.emcortmi.com](http://www.emcortmi.com)**

