



Mechanical Services

Mechanical Services help minimize the cost of operating your building environment without sacrificing occupant comfort. We use the latest equipment and advanced, state-of-the-art, diagnostic and automated control technologies.





MECHANICAL SERVICES

Businesses Rely on Us as Their Go-To Source

Businesses large and small rely on Penguin Air Conditioning Corp. (Penguin) as their go-to source for mechanical construction. Backed by decades of know-how and experience, we consistently address any and all mechanical needs and requirements, while continually surpassing client expectations for quality and professionalism. Because we've built our business on a solid foundation of innovation, you'll experience that our solutions are creative and made to address old problems in new ways and marked by principles of integrity, quality, functionality, and dependability.

High-Performing HVAC Services Lead to High-Performing Buildings

It's no secret that the performance of your HVAC systems affects your business in more ways than one. Properly maintained systems result in lower energy bills, reduced down time, and fewer repair expenses. But that's only the start of the benefits. Studies have shown that high-performing buildings enhance productivity in various meaningful ways.

For example:

- > Employees tend to be more productive and have fewer absences in high performing commercial buildings.
- > Test scores have been shown to improve in high performing learning institutions.
- > Infection rates have been seen to fall in high performing hospitals.

Keeping Building Automation Systems In Check and Occupants Comfortable

At Penguin, we pride ourselves in being a single-source building automation systems provider that specializes in design and installation. We use the latest Internet-based open architecture technologies to build complex multi-zone systems that can handle virtually any facility, no matter the size. We also implement some of the most advanced energy savings algorithms so that we can automatically optimize the operation of the HVAC, lighting, and other building equipment. When it comes to project delivery, no one does it better than Penguin's factory-certified automation designers, technicians, and electricians. Add in our ongoing maintenance and technical support, and you've got a suite of services that can make a tangible difference in your facilities comfort, productivity, and energy efficiency.

MARKETS WE SERVE

Commercial

Entertainment & Theater

Financial Services

Manufacturing/Industrial

Technology

"Best Practices" Practiced Here!

Our vast experience in providing clients with complex mechanical systems enables us to apply "best practice" construction techniques across a diverse range of projects. We have refined and sharpened the design and implementation processes to consistently achieve innovative mechanical service solutions that deliver outstanding results.

Penguin has the know-how and experience to meet virtually any and all mechanical needs while surpassing expectations for quality and professionalism.



MECHANICAL SERVICE AS DIVERSE AND IMPORTANT AS NYC

Commissioning and recommissioning: Reliable system operation and functionality, energy savings, improved indoor air quality, reduced maintenance requirements, fewer occupant complaints

Precise testing, adjusting, and balancing of interior environmental systems: Efficient and economical system operation, improved cost control, increased tenant comfort

Proven stair pressurization and other HVAC life safety system services: High-performance operation of fans, smoke control and removal devices, fire/smoke detection systems, and radiant ceiling dampers; rigorous code compliance, ongoing occupant safety, reliable business continuity protection

Wireless, Paperless, IT Infrastructure for Our Mobile World

Penguin offers multiple HVAC maintenance, service, and support programs that provide peace of mind to the owners of many of New York’s most visible facilities. Our highly trained technicians are equipped with state-of-the-art wireless and paperless field dispatching and information technology that allows for customized solutions geared towards optimizing the effectiveness of your HVAC maintenance program.

Not only does this mean each service is tailored for you, but it also provides for virtually the fastest response times available.

We Are Manufacturer Independent

We are also manufacturer independent, meaning we can work on virtually any piece of equipment, no matter the brand. Our technicians are qualified and trained to support systems of all types: from small, air-cooled systems to central energy plants with thousands of tons of cooling capacity. Regardless of the make and model of your system, we provide objective, consultative advice.

Programs Tailored to Fit You—The First Time

- > **Scheduled Maintenance Agreements:** Improving system performance and reliability
- > **Guaranteed Scheduled Maintenance Agreements:** Adding the peace of mind of full-service coverage for repairs
- > **24/7/365 Emergency Service & Support:** We’re there when you need us
- > **Energy Savings Programs:** Energy Benchmarking, Building Performance Assessments, and Energy Consulting to help keep your costs down

Knowing the Code—Yes, We Do!

At Penguin, much of our value comes from what we know—and we're proud to say that we when it comes to codes and regulation, we know a lot. Through our participation in a number of major industry organizations, and many other means, the Penguin team remains up-to-speed on changes to the many codes and regulations that govern industries we work in. We don't just make sure our work meets quality standards, we make sure it meets regulatory standards as well.

Your Facility is Unique—Your Ductwork Should Be, Too

Penguin's craftsmen offer custom ductwork design, fabrication, installation, and modification for virtually all commercial air conditioning and heating systems.

Nearly all of our ductwork is handmade to your facility's exact specifications in our shop, and then delivered to your

building. All of our duct systems are calculated and designed to provide the optimum airflow needed to properly and quietly heat and cool your business. We install both fiber glass and sheet metal ductwork and all of our connections are properly sealed to prevent air leakage.

The efficiency of your air conditioning and heating system, and the comfort it provides, is directly related to the design, quality, and condition of your HVAC ductwork.

- > Incorrectly or poorly designed ductwork can restrict airflow and reduce system efficiency throughout your facility.
- > Old and leaky ductwork in non-air conditioned spaces can further reduce system efficiency.
- > Ducts also trap debris and dust, which builds up over time. This also reduces system efficiency and airflow.

Why Do Our Clients Think Penguin is Cool?

With experience second to none, for 60+ years, our technicians have grown and developed with the markets they serve. Their technical knowledge and deep understanding of facilities and critical systems means that no matter what type of need arises, we're ready with a creative and effective solution.

Other benefits Penguin provides our clients:

- > Minimum impact from unanticipated equipment failures and power disruptions
- > Fast, accurate, and comprehensive checks of all your equipment
- > Closure of gaps in your existing maintenance program
- > Scheduled parts replacements and repairs that minimize downtime and help control costs
- > Rapid emergency response to help ensure consistent, reliable power
- > Potential property insurance savings
- > Improved safety, reliability, and efficiency



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 38,000 skilled employees, EMCOR works in virtually every sector of the economy for a diverse range of businesses, organizations, and government agencies.

emcorgroup.com

Safety that Beats the National Average

EMCOR's safety performance consistently remains strong year after year with a current Incident Rate that is 52-percent lower than our competitors (*Source: Bureau of Labor Statistics Industry Average for Specialty Contractors NAICS 2382, 2022*). For 15 consecutive years, our incident rate has been less than half the industry average.



Member of:



WHAT CAN WE DO FOR YOU?

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