IEC is the industry leader in hydronic fan coil solutions. In addition to the most comprehensive standard product offering available, we have the ability to adapt our design and manufacturing processes to deliver the perfect solution to your specific needs. Put your project into our hands, and build your reputation on ours.

IEC is a highly flexible company where innovative ideas and out-of-the-box thinking flourish. As an IEC client, you will have the distinct advantage of working with highly skilled, team-oriented professionals with clear and concise direction. IEC is focused on meeting your project’s needs, and is supported by continual investment in the most advanced manufacturing technologies.

Focused On Your Needs

For over half a century, IEC has successfully designed and provided systems for thousands of the most highly recognized projects in the world. From hotels, office towers and hi-rise condominiums, to schools, universities and medical facilities, IEC has provided solutions for virtually every building-type imaginable, for both new construction and renovation.

IEC has attained the position of industry leader by understanding the technical, physical and diverse environmental needs of living and working spaces. We know that each building and the areas designed within are unique and require specific comfort solutions.

This knowledge drives the entire IEC organization, from engineering and design through manufacturing, to provide an efficient and competitive platform to consistently deliver the types of solutions that are custom-tailored to your specific application.

Each IEC fan coil product is designed and manufactured to deliver precise comfort, efficiency and, perhaps most important, peace of mind.
**Commercial Fan Coil Applications**

![Image of a conference room setting](image1)

**Working Environments.** For office, educational, healthcare or hospitality environments, IEC fan coil products and solutions deliver peace-of-mind features such as ease of installation and startup; quiet and dependable comfort; high efficiency; and simple maintenance.

We realize that our reputation is based on our commitment to continuously improve our products and customer service.

**Residential Fan Coil Applications**

![Image of a modern living room](image2)

**Living Environments.** As architects and interior designers continue to push the aesthetic envelope within high-end residential spaces, the desire for precise and reliable comfort becomes more important. And in most, if not all these dynamic environments, the preference is to have that comfort felt, not seen or heard.

This is what drives the design and manufacturing engineers at IEC. We ensure that each product adheres to stringent sound and energy efficiency criteria.
Your Designs are Only the Beginning …

When you choose IEC to design and produce your fan coil solutions, you get more than just a supplier. Much more. You get a synchronized team of industry experts focused on you … creating job-specific products that will successfully meet all your application’s criteria. This direct access to the industry’s leading design, engineering and manufacturing professionals ensures that every step of the process, from initial concept through installation and commissioning, goes smoothly and effortlessly. Our attention to detail allows you to focus on other aspects of your project with the security of knowing you’ve partnered with the best possible climate control specialist … IEC.

Engineering Expertise

By assembling the industry’s most knowledgeable HVAC designers, system sales experts and manufacturing engineers, IEC is perfectly positioned to take your project from initial concept through installation and startup. Our approach begins by working with you to define your fan coil’s physical and operational requirements specific to each space. From there, we address each unit’s aesthetic elements such as materials and finish. Once your units are manufactured, tested and packaged for shipment, we coordinate delivery with your project’s on-site field personnel.

Having this 360° view and knowing precisely how and when IEC’s fan coil products will arrive at your project’s location, gives you the peace of mind and security that comes from selecting a world-class organization that keeps your project’s needs the number one priority.

IEC’s state-of-the-art engineering facilities in Oklahoma City, OK, are designed to efficiently produce the entire breadth of our product line.
IEC’s manufacturing process actually starts with state-of-the-art computer aided design (CAD) of units and component parts. Our manufacturing facility contains the most advanced CNC and laser-based manufacturing equipment available. Our highly trained and experienced staff assemble, calibrate, and test each unit to minimize start-up problems. Our lean manufacturing processes ensure quick and reliable responses to our customer’s specific needs. IEC prides itself on its abilities to custom fabricate units that will meet our customer’s unique applications. Our team-based quality initiatives and continuous design and process improvements ensure that you will receive exceptional products and unparalleled customer service.

In addition to our in-house application team, IEC offers you a complete family of advanced support tools created to easily select and configure your units. Our website, www.iec-okc.com, contains a wealth of real time product updates and application information specific to your needs. Our comprehensive technical literature covers our entire product line. User-friendly fan coil rating configuration software, along with IEC’s local representative expertise help to make your design and selection process go smoothly and efficiently.
Creating Precise and Efficient Comfort

Although today’s commercial environments are as varied as the tenants and markets they serve, the common denominators that define a building’s long-term success are comfort and efficiency. Recent studies have shown that lack of personal comfort is the number one reason for tenants to seek alternative space. IEC fan coil products provide individual comfort through quiet operation, and zoned temperature and humidity control. Our attention to indoor air quality offers multiple features including filtration options and outside air ventilation. As today’s energy climate grows more uncertain, hydronic fan coils remain one of the most efficient operating system on the market and IEC fan coil products address energy usage and many other concerns for building developers, owners and managers.

Design Flexibility

To meet the specific needs of both new construction and retrofit projects, IEC offers the most comprehensive range of hydronic-based fan coil solutions. This is why architects, consulting/specifying engineers, design/build contractors, as well as building owners and managers rely on IEC to deliver the most advanced fan coil systems available.

Because each commercial space is unique, our products are custom designed and engineered to solve critical issues such as comfort, precise space control, operating efficiency, acoustics, aesthetics and space constraints. Regardless of the size of space or project, IEC will deliver the best solution.
Indoor Air Quality

It’s well documented that improving the indoor air quality (IAQ) of a building will contribute to improved health, increased productivity and well-being. Precise occupant comfort and enhanced indoor air quality can be controlled with IEC’s optional split coil design. Conditioned outdoor air is mixed with return air to obtain the desired comfort level required.

Efficiency x 3

Efficiency has three meanings at IEC. First, IEC’s products are designed to be one of the most energy efficient available today.

Second is our installation efficiency. Our fan coil products are specifically designed to save time during installation and startup, which directly translates into cost savings for customers.

Finally is our product’s maintenance efficiency. IEC fan coils are engineered and manufactured to ensure that each installation has minimal servicing requirements.
Luxury hotel guests and condominium owners around the world expect precise and silent year round temperature and humidity control. Hotel and building owners and managers simply cannot compromise when it comes to sound or comfort. That’s why high-end hotel rooms and condominiums on nearly every continent are currently cooled and/or heated by IEC fan coils.

**Multiple Concerns, One Solution**

The fan coil products that we manufacture for hi-rise applications are designed to address many issues beyond sound and comfort.

Installation costs of our Modular Fan Coil Series can be significantly less than competing systems due to the advanced technology IEC uses to customize the unit for your application, customize the packaging for your jobsite conditions, and individualize the shipping schedule.

Aesthetics play an important role in the appearance of any room. For this reason, IEC fan coils come in a variety of attractive and minimally-invasive configurations designed to blend seamlessly into a variety of architectural styles.

IEC is a partner in your building project. Leverage our experience and expertise to improve your bottom line.

Luxury living is enhanced with the precise comfort control of IEC fan coils.

IEC fan coil products can be configured to your exact specifications with the highest quality materials, components and finishes.
All IEC fan coil products are designed, manufactured and tested to deliver consistent, efficient and reliable comfort year after year. Regardless of your application requirements, IEC will deliver the best solution backed by the highest level of customer service and support.

Internationally-recognized luxury hotel and residential developers continue to rely on IEC to design and deliver innovative fan coil products for their installations. This is a responsibility that all of us at IEC take very seriously. No matter the project size, all our customers enjoy the same level of commitment and service.
Performance characteristics such as sound attenuation, precise comfort control and energy efficiency make IEC fan coils the perfect choice for educational environments.

Our experience with educational buildings runs the full gamut of classroom settings. From pre-school through elementary, middle through high school, and university campus settings, IEC products are optimum. Our fan coils are specified because of their reliable performance, low sound and operating efficiency, year after year.

Students working in poorly ventilated or uncomfortable buildings tend to have shorter attention spans, lower productivity levels and increased health issues. IEC fan coil products are designed to help optimize the learning experience by contributing to a clean, climate-controlled environment.

No Two Classrooms are Alike

For educational environments throughout the world, school systems rely on IEC products to provide healthy, quiet and comfortable conditions.

We know the last thing students, teachers and staff need to worry about is the comfort of their learning environments. The function of any room can affect its comfort level, from a computer lab generating heat, to the science lab’s humidity and IAQ issues. Our engineering and design group will analyze the specific requirements for each need and make efficient and precise equipment recommendations.
IEC fan coils come in a variety of models, CFM ranges and configurations, both horizontal and vertical, which allows the design flexibility to create the optimum learning environment. And as space requirements change, IEC fan coil products are the perfect solution for retrofit applications where space is often at a premium.

IEC sales and design engineers are acutely aware of the budgetary and delivery challenges specific to educational markets. We're able to deliver solutions that address comfort, reliability and perhaps the most important aspect of performance ... your bottom line. Call us today to learn how well IEC products make the grade.
Nowhere is the requirement for precise temperature and humidity control, energy efficiency and quiet operation more important than in today’s medical complexes, assisted living facilities and long-term care settings. The design engineers at IEC fully understand the unique characteristics found in such varied environments and we offer a comprehensive product line ideal for these applications.

With features such as sound-attenuating insulation panels, powder-coated and baked exterior panels, and easily accessible components, IEC fan coil products provide the solutions ideally suited to these facilities.

IEC … the Right Prescription for Comfort

When you partner with IEC for your next fan coil project, you will have the advantage of the industry’s most experienced professionals making the best equipment recommendations. First, we analyze each room’s specific comfort and operating requirements, and then we engineer the system to best meet those precise needs.

Whether your project calls for concealed or minimal footprint in-room units, IEC fan coils provide reduced installation and related materials costs, high performance comfort and energy efficient operation.

For the level of comfort, operating efficiency and reliability that are required for these unique settings, contact IEC.
Every member of the IEC family is dedicated to provide your project with the highest quality fan coil products on the market today. We tailor our design and manufacturing processes to match every aspect of your specifications. And we ensure that the fan coils we deliver meet all the performance criteria you expect and provide the comfort each person deserves.

Continuing to work with over 85 HVAC representative companies around the world, IEC now provides those Reps with complete technical information and customer support teams. Visit www.iec-okc.com for upcoming events, new product releases, literature and aftermarket parts.
IEC Fan Coils ... Perfect for Your Applications

Modular Hi-Rise Series
- Six basic models with multiple configurations for concealed or exposed applications
- Sizes from 300 – 2000 CFM
- Single and DITTO® units

Vertical Series
- Floor mounted for concealed or exposed applications, standard and the new Classic series with added features and benefits
- Seven sizes from 200 – 1200 CFM
- Lowboy Units: Four sizes from 200 – 600 CFM
- Wall Recessed Units: STY/130 CFM, STW/275 CFM

For detailed performance, technical and installation information for any of our products, contact your IEC sales representative today.
With the industry’s widest range of fan coil products containing the most popular features and the ability to customize for your specific needs, IEC is the perfect choice for your next project.

**Horizontal Series**
- Four styles for concealed or exposed ceiling applications
- Seven sizes from 200 – 1200 CFM
- With and without return-air plenums
- IBC Seismic Certification (all models)
- OSHPD Certification (CBY, CXB)

**Hi-Performance Series**
- For concealed or exposed applications
- Eight sizes from 600 – 2000 CFM
- Horizontal and Vertical configurations
- IBC Seismic Certification (all models)
- OSHPD Certification (HXY, HLY, VEY)

**Belt Drive Series**
- For hydronic and DX applications
- Eight sizes from 600 – 4000 CFM
- Horizontal and Vertical configurations
- Single and Double Wall Construction
- IBC and OSHPD Seismic Certification

**Most IEC products shown here can be configured in any of the following:**
- 2-Pipe Cooling
- 2-Pipe Heating
- 2-Pipe Cooling with Electric Heat
- 4-Pipe Cooling and Heating
- SureFlow®
SureFlow®

SureFlow® provides new construction and renovation applications with a simplified design and installation process that delivers a viable alternative to PTAC’s, rooftops and other DX systems.

SureFlow® is a self-balancing system that eliminates the need for control valves, uses less pipe (2 pipes provide 4-pipe performance) and fewer fittings. This results in simpler and lower cost installations that are self-commissioning and use less energy.

SureFlow® Rating Program, the SureFlow® Loop Simulator software, and the SureFlow® Certified Sales Engineer Program give the designer the training and support needed to ensure the selected equipment meets the project requirements.

SureFlow® provides the designer with the flexibility to accommodate future changes in zoning or expansion.