

IEC's hydronic fan coil units offer a proven, ideal solution to meet today's requirements for high performance learning environments. IEC products offer designers, school administrators and maintenance staff confidence they are providing superior comfort, and a quiet and energy efficient system that is attractive and adaptable to both new and existing buildings, and historic spaces. The flexible applications mean that school board and maintenance departments can select the features and performance which allow them to meet school sustainability goals.



CLASSROOMS

IEC Makes the Grade with Lafourche Parish School District

An energy efficient hydronic system, coupled with decentralized fan coil units, provides individual operating flexibility while minimizing fan energy consumption. The system minimizes maintenance expenses associated with the HVAC system and down time for individual classrooms. The use of chilled water in the building loop adds another layer of safety assurance for students, eliminating potential exposure to harmful refrigerant. The school district trusts IEC's Modular High-Rise Series MXY for their student's indoor comfort and here is why!

- **Reduced Maintenance Expenses:** The math is simple. School + MXY = 1 technician at a time to service – with feet on the floor not on a ladder. Ease of maintenance enabled by design simplicity enables 37 schools (facilities) to be serviced by only 3 service technicians and 2 “filter techs,” creating substantial labor savings.
- **Ease of Installation and Replacement:** The slim and attractive cabinet design blends beautifully in classrooms. Because the units are free standing, unit installation and replacement become a simple task. There is no need for wall or ceiling teardown.
- **Safety:** MXY offers greater safety for personnel and facilities. Technicians service all components through the front access panel eliminating the risk of ladder related falls. Furthermore, there is no roof-mounted equipment to service or potential ceiling leaks.
- **Best Sound Solution:** Modular High-Rise Series, innate to its design, offers the lowest sound level compared to other cabinet designs. The MXY configuration with ducted discharge chosen by Thibodaux Elementary attenuates the sound level even further.
- **Individual Zone Control:** Cooling needs for individual classrooms vary significantly depending on activity. The MXY provides individual classroom controls that teachers can adjust for precision comfort control.
- **Unsurpassed Reliability:** Inherent to the decentralized scheme, a single MXY requiring service has no impact on the balance of the system unlike the centralized air handler which IS the system – superior risk management.



Thibodaux Elementary School, Lafourche Parish, LA



Full Range of Fan Coil Products and Features

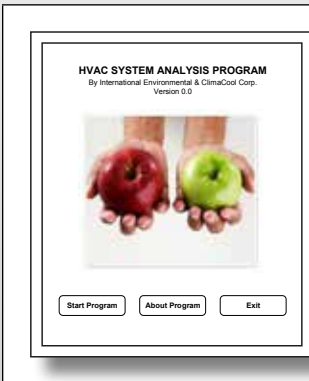
IEC's fan coil units are available as Modular Hi-Rise Series, Vertical Floor Series, Horizontal Series, Hi-Performance Series and Belt Drive Series to meet every project-specific space requirement. Some available options are:

- Durable 14 gauge tamper-proof cabinet
- Mold resistant, cleanable insulation with antimicrobial coating
- Improved air quality with high efficiency filters
- Ease of installation with single point power connection
- Lowest unit energy consumption with Eco-telligent™ ECM motor
- Lower installed and system operating costs with Sureflow® system



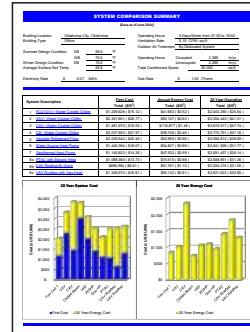
The HVAC Solution for Every Classroom

Hydronic fan coil systems not only conserve energy, but preserve building space. Chilled water system piping takes up a fraction of the space compared to ductwork from a central system. From historic renovations to new construction, hydronic fan coils are the system of choice.



HVAC System Analysis Program

IEC's System Analysis Program compares the energy and economic benefits of various HVAC systems. Contact your IEC representative to find out how a hydronic fan coil system can improve your operating budget!



System	Initial Cost (\$)	Operating Cost (\$/yr)	Energy Cost (\$/yr)	Total Cost (\$)
Option 1	100,000	5,000	10,000	115,000
Option 2	120,000	4,000	8,000	132,000
Option 3	150,000	3,000	6,000	169,000

About IEC

For more than a half century, IEC has led the way in providing excellent indoor comfort with the most comprehensive hydronic fan coil unit offering in the industry. Once again, we are shaping the industry by offering our customers options that conserve energy, improve indoor environments, lower sound levels, reduce operating costs and further enhance the performance of our already industry-leading fan coil units.

We have the ability to adapt our processes to deliver the perfect solution to your specific needs. When you choose IEC products as your fan coil solution, you get more than just equipment. You get a synchronized team of industry experts focusing on your project, creating job-specific solutions that will successfully meet all your application needs. 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. Put your project into our hands, and build your reputation on ours!



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