

Design Considerations

- ✓ **Sound**
- ✓ **Durability/Safety**
- ✓ **Comfort/IAQ**
- ✓ **Efficiency**
- ✓ **Design Flexibility/Adaptability**



RESIDENCE HALL/STUDENT HOUSING

Challenges	Applications	IEC Product Features
Sound	<ul style="list-style-type: none"> • Sound evaluation tools that demonstrate actual sound performance in the living space • Application expertise to deliver desired sound levels for the space 	<ul style="list-style-type: none"> • Proven design delivers industry-low sound performance creating an optimum living and studying environment • System sound levels as low as 30 dB(A)
Durability/Safety	<ul style="list-style-type: none"> • Custom engineered systems that withstand wear and tear from active lifestyle 	<ul style="list-style-type: none"> • Heavy gauge sheet metal cabinets (14 -16 gauge) deliver maximum protection and durability • Cabinets come with custom powder coated paint exterior to withstand scratches and match the esthetic design of the room • Locking mechanism protects the product interior from unnecessary access
Comfort/IAQ	<ul style="list-style-type: none"> • Custom engineering and design expertise to deliver the ideal comfort for the living space 	<ul style="list-style-type: none"> • State-of-the-art filtration options • Digital control capabilities which can easily interface with all open BAS systems
Efficiency	<ul style="list-style-type: none"> • LEED certified professionals provide applications and design support to every project 	<ul style="list-style-type: none"> • Industry leading product efficiencies that qualify in LEED prerequisite and innovative design categories
Design Flexibility/Adaptability	<ul style="list-style-type: none"> • Multiple unit configurations to meet specific design requirements • Design flexibility to accommodate historic and existing building space constraints and room designs 	<ul style="list-style-type: none"> • SureFlow® (See SureFlow® Technical Catalog, Engineering Guide, and Case Studies on our website at www.iec-okc.com)




IEC Product Solutions

IEC’s student housing product line has been specifically designed to meet the requirements for today’s high performance living and learning environments. Our products offer university housing designers, administrators and maintenance staff the confidence that 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 of the student housing line means that college and university design and maintenance departments can select the features and performance that allows them to meet campus sustainability goals.

IEC Product Offering – EDU Series	Good	Better	Best
Durable 14 gauge tamper proof cabinet	✓	✓	✓
Mold resistant, cleanable insulation with anti-microbial coating	✓	✓	✓
Improved air quality with MERV 8 filter	✓	✓	✓
Ease of installation with single point power connection	✓	✓	✓
Positively sloped drain pan – corrosion resistant stainless steel with anti-microbial coating		✓	✓
Lowest unit energy consumption with Eco-telligent™ ECM fan motor		✓	✓
Interface with most building automation systems		✓	✓
Lower installed and system operating cost with Sureflow® system			✓

Best For These Product Applications

- No existing HVAC system
- Historic renovation with existing space constraints
- Renovation or retrofit of existing fan coil systems
- Low rise new construction designs
- High rise new construction designs
- Mixed use buildings



About IEC

For more than a half a century, IEC has led the way in providing excellent indoor air quality with the most comprehensive hydronic fan coil unit offering in the industry. We are again shaping the industry by offering our customers options that conserve energy, improve indoor environments, 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 solutions, 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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