

While IEC offers numerous green product options, there are many sustainable features incorporated into our entire family of products and our production processes.

- IEC fan coil units provide hydronic cooling where no refrigerant is required in occupied zones. Any ozone damaging refrigerant is localized to the chiller system.
- High efficiency filter options provide IAQ during pre- and post-building construction phases.
- IEC's new Eco-telligent® ECM motors enhance system efficiencies and greatly improve occupant's comfort.
- Overall building health is improved with features like antimicrobial coatings, removable drain pans, cleanable insulation, etc.
- IEC recognizes that sound is important and features like ECM motors along with double wall and heavy gauge construction will all help improve a building's sound IAQ.
- IEC's comprehensive line of programmable and non-programmable thermostats can be utilized from individual zone control to large BAS operated applications.
- IEC's internal production processes avoid ozone depleting chemicals and we actively implement recycling of scrap materials.
- Contact your local sales representative and ask them about other IAQ/Green design application options like conditioned air, dehumidification, humidification, UV lighting, ionizers, etc.



International Environmental Corporation
Post Office Box 2598
Oklahoma City, OK 73101-2598

Phone: 405.605.5000
Fax: 405.605.5001
Web: www.iec-okc.com

IEC reserves the right to continually improve its products and change design and specifications without notice.

IEC Brochure Part #: I100-90009968
BR-121 Revision 1 (7/2016)

©2009-2016 International Environmental Corporation (IEC)

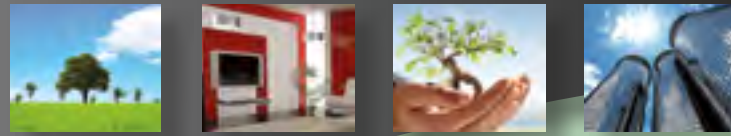


The USGBC Member logo is a trademark owned by the U.S. Green Building Council and is used by permission. The logo signifies only that IEC is a USGBC member. USGBC does not review, certify, or endorse the products or services offered by its members.



The Future is Now

With IEC's LEED Contributing Green Products Options



NOTE: LEED evaluations vary by project, taking into consideration many variables. While IEC's products and options can contribute to the LEED rating of your project, this chart is for reference only. No IEC product can guarantee a specific number of credits for LEED certification. Please contact your IEC representative to discuss your project's requirements. More information on LEED is available at www.usgbc.org

NOTE: LEED evaluations vary by project, taking into consideration many variables. While IEC's products and options can contribute to the LEED rating of your project, this chart is for reference only. No IEC product can guarantee a specific number of credits for LEED certification. Please contact your IEC representative to discuss your project's requirements. More information on LEED is available at www.usgbc.org

For more than half a century, IEC has led the way in improving indoor air quality with high performance fan coil units. Today, IEC is again shaping the future – a future in which sustainable energy use will be key to a healthy environment and our collective quality of life – by offering our customers options that conserve energy, reduce operating costs and further enhance the performance of our already industry-leading fan coil units.

Whether you're designing a building to obtain a LEED rating or retrofitting an existing structure to maximize energy efficiency, indoor air quality and tenant satisfaction, IEC can provide numerous product options. These include ECM Motors, antimicrobial coatings, cleanable filters and programmable controls that can help you create a sustainable, cost-effective building for the future.

When you attain LEED certification for your building, whether new construction or renovation, you provide your property a distinctive marketing edge that enhances re-sale value and increases the likelihood of tenant satisfaction. Because LEED standards insist on energy efficiency and material durability, you also decrease your utility costs and investment in long-term maintenance. In addition, your project may qualify for government funding opportunities and tax credits. By specifying IEC's green options for your building, you are choosing fiscal and environmental responsibility, as well as a healthier indoor atmosphere for your tenants.



Enhance Value, Health and Occupant Satisfaction with a LEED-rated Building

IEC Fan Coil Unit Components

Please contact IEC to discuss which options and features are available and appropriate for your project.

IEC Fan Coil Unit Components	Indoor Environmental Quality (IEQ)					Energy & Atmosphere (EA)		Innovative Design	Sustainability Features						
	Prereq 1 - Minimum IAQ Performance	Prereq 3 - Minimum Acoustical Performance (Schools Only)	Credit 2 - Increased Ventilation	Credit 3.1 & 3.2 - Construction IAQ Management Plan	Credit 5 - Indoor Chemical & Pollutant Source Control	Credit 6.2 - Controllability of Systems, Thermal Comfort	Credit 7.1 - Thermal Comfort Design			Credit 9 - Enhanced Acoustical Performance - (Schools Only)	Credit 10 - Mold Prevention - (Schools Only)	Prereq 2 - Minimum Energy Performance	Prereq 3 - Fundamental Refrigerant Management	Credit 1 - Optimize Energy Performance	Credit 4 - Enhanced Refrigerant Management
Filters															
MERV 8				•											•
MERV 13					•										•
Cleanable Filters															•
Motors															
ECM Motor Option	•	•				•	•	•						•	•
Cleanable Removable Motor/Blower Assembly	•														•
Refrigeration															
R-410A vs. R-22 refrigerant vs. other alternate refrigerants										•		•			•
Drain Pans															
Antimicrobial Coating Option	•														•
Positively Sloped Drain Pan	•														•
Stainless Steel Externally Insulated Drain Pan															•
Cleanable	•														•
Removable	•														•
Condensate Overflow Switch Option	•														•
Sound Attenuation															
Heavy Gauge Cabinet		•													•
Double Wall Construction		•													•
ECM Motor Option	•	•				•	•	•						•	•
Multi-Speed Motors		•													•
Coil															
Antimicrobial Coating Option	•														•
Anticorrosive Coating Option															•
Removable/Cleanable Coils	•														•
Hydronic Water Coils															•
Face Split Coil	•					•									•
Insulations															
Closed Cell Insulation	•														•
Cleanable Insulation Option	•														•
IEC uses no HCFC foam insulation															•
Thick Insulation Option		•													•

Establish minimum indoor air quality performance to enhance indoor air quality in buildings, thus contributing to the comfort and well-being of the occupants.

Reduce the background sound levels generated by HVAC equipment.

Provide additional outdoor air ventilation to improve indoor air quality for improved occupant comfort, well-being and productivity.

Minimize exposure of building occupants to potentially hazardous particulates and chemical pollutants.

Provide a high level of thermal comfort system control by individual occupants or by specific groups in multi-occupant spaces to promote the productivity, comfort and well-being of building occupants.

Provide a comfortable thermal environment that supports the productivity and well-being of building occupants through temperature and humidity control.

Reduce construction-related IAQ issues.

Provide an IAQ management plan that maintains space humidity and particulate matter levels in order to prevent mold growth and protect occupants from attendant health threats.

Reduce background HVAC sound levels below the prerequisite levels to enhance occupants' acoustic environment.

Reduce ozone depletion.

To reduce ozone depletion and the impacts associated with global warming potential.

Achieve increasing levels of energy performance above the baseline in the prerequisite standard to reduce environmental and economic impacts associated with excessive energy use.

Establish the minimum level of energy efficiency for the proposed building and systems above code mandated levels.

Environmentally responsible features that exceed or are not addressed by LEED standards.

Provide solutions that significantly improve the impact of the system on the environment and/or occupants' health and comfort.

IEC Fan Coil Unit Components

Please contact IEC to discuss which options and features are available and appropriate for your project.

IEC Fan Coil Unit Components	Indoor Environmental Quality (IEQ)					Energy & Atmosphere (EA)		Innovative Design	Sustainability Features						
	Prereq 1 - Minimum IAQ Performance	Prereq 3 - Minimum Acoustical Performance (Schools Only)	Credit 2 - Increased Ventilation	Credit 3.1 & 3.2 - Construction IAQ Management Plan	Credit 5 - Indoor Chemical & Pollutant Source Control	Credit 6.2 - Controllability of Systems, Thermal Comfort	Credit 7.1 - Thermal Comfort Design			Credit 9 - Enhanced Acoustical Performance - (Schools Only)	Credit 10 - Mold Prevention - (Schools Only)	Prereq 2 - Minimum Energy Performance	Prereq 3 - Fundamental Refrigerant Management	Credit 1 - Optimize Energy Performance	Credit 4 - Enhanced Refrigerant Management
Thermostats & Controls															
Programmable Thermostats															•
Temperature and Humidity Control															•
ENERGY STAR - Rated Stat															•
Setback Control															•
Multi-Speed Control															•
Cabinet															
Antimicrobial Coating Option	•														•
Double Wall Construction	•														•
Heavy Gauge Steel Option		•													•
Service Access Panels	•														•
No volatile organic compounds (VOC) in the paint															•
Knockouts allow for clean install (no contaminants in units)															•
System and System Options															
Hydronic System															•
UV Lights															•
Ionizer															•
Outside Air	•		•	•											•
Humidification															•
Dehumidification	•														•
SureFlow®															•
Conditioned Air	•		•	•											•
Packaging															
Protection from shipping and on-site contaminants															•
Dust Tight Construction															•
Recycled Content Cardboard															•
Miscellaneous															
Avoid ozone depleting processes/chemicals/etc.															•
Active Scrap Program															•
Forest Service Council (FSC) - Approved Printing Materials															•

Establish minimum indoor air quality performance to enhance indoor air quality in buildings, thus contributing to the comfort and well-being of the occupants.

Reduce the background sound levels generated by HVAC equipment.

Provide additional outdoor air ventilation to improve indoor air quality for improved occupant comfort, well-being and productivity.

Minimize exposure of building occupants to potentially hazardous particulates and chemical pollutants.

Provide a high level of thermal comfort system control by individual occupants or by specific groups in multi-occupant spaces to promote the productivity, comfort and well-being of building occupants.

Provide a comfortable thermal environment that supports the productivity and well-being of building occupants through temperature and humidity control.

Reduce construction-related IAQ issues.

Provide an IAQ management plan that maintains space humidity and particulate matter levels in order to prevent mold growth and protect occupants from attendant health threats.

Reduce background HVAC sound levels below the prerequisite levels to enhance occupants' acoustic environment.

Reduce ozone depletion.

To reduce ozone depletion and the impacts associated with global warming potential.

Achieve increasing levels of energy performance above the baseline in the prerequisite standard to reduce environmental and economic impacts associated with excessive energy use.

Establish the minimum level of energy efficiency for the proposed building and systems above code mandated levels.

Environmentally responsible features that exceed or are not addressed by LEED standards.

Provide solutions that significantly improve the impact of the system on the environment and/or occupants' health and comfort.