



Fresh Air Ideas

SUPPORTING GREEN INITIATIVES WITH INNOVATION



As one of the first manufacturers of air movement and control equipment to join the U.S. Green Building Council, Greenheck is ready to provide products that support sustainable-design projects based on LEED certification guidelines. Specifying and installing Greenheck products can help your project qualify for LEED credits. We help engineers, architects, contractors and owners succeed in their green initiatives, or any project.

LEED

New Construction and Major Renovations of Commercial and Institutional Buildings How Greenheck products and features support the LEED rating system.

Prerequisites / Credits	Energy & Atmosphere (EA)			Material/Resource	Prereq 1 Minimum IAQ Performance
	Prereq 2 Minimum Energy Performance	Prereq 3 Fundamental Refrigerant Management	Credit 1 Optimize Energy Performance	Credit 4 Recycled Content	
Intent	Establish the minimum level of energy efficiency for the proposed building and systems to reduce the environmental and economic impacts associated with excessive energy use.	Reduce ozone depletion.	Achieve increasing levels of energy performance beyond the prerequisite standard to reduce environmental and economic impacts associated with excessive energy use.	Increase demand for building products that incorporate recycled content materials, thereby reducing impacts resulting from extraction and processing of virgin 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.
Relevant Codes and Standards	ASHRAE 90.1-2007 or equivalent local energy code	US EPA Clean Air Act Title VI Section 608: Refrigerant Rule Section 608: Recycling	ASHRAE 90.1-2007 or equivalent local energy code	ISO 14021:1999 Environmental labels and declarations	ASHRAE 62.1-2007 or equivalent local energy code, whichever is more stringent

Supporting Greenheck Products/Features

Energy Recovery Ventilators	✓	✓	✓		✓
Make-Up Air Units	✓	✓	✓		✓
Indoor Air Handling Units	✓		✓		✓
Louvers				✓	
Sunshades	✓		✓	✓	
Air Measuring Dampers (AMD Series)	✓				✓
Insulated Control Dampers (ICD)	✓		✓		
Volume Control Dampers (VCD)	✓		✓		
Bathroom Fans with motion detector option (SP)	✓				
Mixed Flow Inline Fans (QEI)	✓		✓		✓
Plenum Fans (QEP)	✓		✓		✓
High Performance Axials (AX)	✓		✓		✓
Vektor®-ERS Lab Exhaust	✓		✓		✓
Vektor®-CD Lab Exhaust	✓		✓		✓
Vektor®-MD Lab Exhaust	✓		✓		✓
Vektor®-HS Lab Exhaust	✓		✓		✓
Sure-Aire™ Airflow Monitoring	✓		✓		✓
Kitchen Ventilation Systems Variable Volume	✓		✓		✓
High Efficiency Motors VFD Compatible	✓		✓		
High Efficiency Filters for Air Handling Units and Commercial Kitchen Hoods	✓		✓		✓
Vari-Green® High Efficiency Motor	✓		✓		
Vari-Green® Controls					
• Volatile Organic Compounds	✓		✓		✓
• Temperature and Humidity	✓		✓		✓
• Constant Pressure	✓		✓		
• Two Speed	✓		✓		✓



including Core/Shell and K-12 School Projects

Indoor Environmental Quality (EQ)

Credit 1 Outdoor Air Delivery Monitoring	Credit 2 Increased Ventilation	Credit 3.1 IAQ Air Quality Construction	Credit 5 Indoor Chemical and Pollutant Source Control	Credit 6.2 Controllability of Systems, Thermal Comfort	Credit 7.1 Thermal Comfort, Design
Provide capacity for ventilation system monitoring to help promote occupant comfort and well-being.	Provide additional outdoor air ventilation to improve indoor air quality to promote to occupant comfort, well-being and productivity.	To reduce indoor air quality (IAQ) problems resulting from construction or renovation and promote the comfort and well-being of construction workers and building occupants.	Minimize building occupant exposure to potentially hazardous particulates and chemical pollutants.	Provide a high level of thermal comfort system control by individual occupants or groups in multi-occupant spaces and promote their productivity, comfort and well-being.	Provide a comfortable thermal environment that promotes occupant productivity and well-being.
ASHRAE 62.1-2007	ASHRAE 62.1-2007	SMACNA guidelines for occupied buildings under construction, 2nd Edition, Chapter 3, Nov. 2007	ASHRAE 52.2-1999	ASHRAE 55-2004 ASHRAE 62.1-2007	ASHRAE 55-2004
✓	✓	✓*	✓	✓	✓
✓	✓	✓*	✓	✓	✓
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✓	✓				

*When specified, clean wrap can be provided.



green



sustainable
efficient clean

reduce > conserve > reuse

At Greenheck, “Green” is a Big Part of Our Identity.

The ever-growing demand for technologies, products and services that support “sustainable” or “green” initiatives has changed the way projects are conceived and carried out, and how products are designed, built and delivered in many industries. The call for energy efficiency; sustainable, clean sourcing of raw materials; and environmental responsibility requires continuous innovation and leadership. In the ventilation industry, Greenheck is the acknowledged leader.

While “green” may seem a relatively new idea, it’s been a part of Greenheck for a long time indeed. For decades, Greenheck has focused on the environmental side of the building industry — developing reliable, energy-efficient products and systems to promote occupants’ health and comfort.

Greenheck was one of the first manufacturers of air movement and control equipment to join the U.S. Green Building Council. The company references USGBC and ASHRAE guidelines and standards to identify specific products mechanical engineers can



use when designing ventilation systems for sustainable-design projects and those adhering to LEED certification guidelines.

Greenheck’s Strategic Energy Team has an important role in our corporate sustainability efforts. These individuals continuously and aggressively pursue energy-efficiency enhancements to the company’s global infrastructure to significantly reduce energy consumption and lower operating costs in our plants and facilities. These savings enable us to offer customers new competitive advantages in the marketplace.

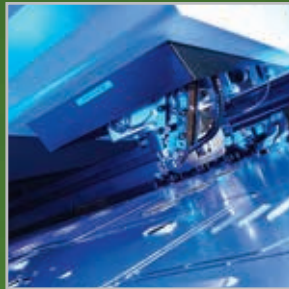
These principles are also reflected in our sense of social responsibility. Greenheck has a long tradition of giving back to the people and communities that provide us a home. By supporting education, the arts and the health of our neighbors, we help to improve and sustain quality of life.



green – It's not just what we make.
It's where we work. How we work. Who we are.

Greenheck's commitment to the idea of "going green" extends to the source: our production facilities in the U.S., Mexico and China. The company has taken significant steps to reduce energy usage at our plants. By the nature of what we produce, we have always been a clean manufacturer. Our paint/finish facilities also adhere to a strict zero-contaminant policy. And we favor vendors that share our commitment.

Protecting our environment is just part of the story. Greenheck has always placed the health and safety of our workers, and the quality of life in our communities at the top of our list of corporate priorities. You can be confident that your green project is supported by a company that truly believes in and practices the principles that drive your efforts.



WORLDWIDE LEADER IN AIR MOVEMENT & CONTROL

Fresh Air Ideas



*Prepared to Support
Green Building Efforts*



Mixed Sources

Product group from well-managed forests, controlled sources and recycled wood or fiber

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