

SUPPLIER DISCOVERY | PRODUCT SOURCING | CAD MODELS | DIVERSITY & QUALITY | CUSTOM QUOTES | INDUSTRY NEWS | JOB BOARD | PROMOTE YOUR BUSINESS | MORE | MyThomas

REGISTER NOW *CLICK TO LEARN MORE >>*



THOMASNET
News

Sign Up | Log In | ThomasNet Home | Promote Your Business

Search

HOME | PRODUCT NEWS | COMPANY NEWS | INDUSTRY NEWS | ADVERTISE | SUBMIT PRESS RELEASE

May 2, 2014

Advertisement

IF YOU'RE JUST LOOKING FOR PACKAGING YOU'RE MAKING A BIG MISTAKE

Fresh-Aire UV® SCOPE(TM) Estimation Software Calculates Outdoor Air and ROI for ANSI/ASHRAE 62.1's VRP & IAQP

Print | Email | Comment | Share | Facebook | Twitter | LinkedIn | YouTube | Dribbble | StumbleUpon

Fresh-Aire UV
P.O. Box 14175
North Palm Beach, FL, 33408
USA

Contact Information

Press release date: February 27, 2014

SCOPE™ takes the guesswork out of calculating minimum outdoor air and outputs energy savings and ROI results to a color printout for presentations and LEED point confirmation.



Fresh-Aire UV® SCOPE(TM) Estimation Software Calculates Outdoor Air and ROI for ANSI/ASHRAE 62.1's VRP & IAQP
Click Here to Enlarge Picture

Fresh-Aire UV®, Jupiter, Fla., the largest manufacturer of UVC and PCO/carbon indoor air quality (IAQ) products in North America, introduces SCOPE™, the HVAC industry's most automated estimation software tool for reducing energy-intensive outdoor air requirements through ANSI/ASHRAE 62.1's VRP and IAQP provisions.

SCOPE is a free custom-written software tool available at www.freshaireuv.com that calculates minimum outdoor air allowances and return-on-investment (ROI) results when applying VRP and IAQP's sorptive air cleaning provision. ASHRAE recently introduced the IAQP to help facilities trim operational costs by partially reducing outdoor air dilution by five to 30-percent through the use of sorptive air purification methods, such as Fresh-Aire UV's APCO® Rack System, a combination UVC, gas-phase activated carbon and photocatalytic oxidation (PCO) air purification system.

"SCOPE takes the guesswork out of executing ASHRAE 62.1's VRP or IAQP allowances, which up until now, were subjective and difficult to calculate and confirm," said Chris Willette, president of Fresh-Aire UV.

Engineers, contractors or building owners can register for SCOPE at www.freshaireuv.com and download a MicroSoft Windows®-compatible executable file. Required Input parameters

Advertisement

CALIFORNIA HEATING EQUIPMENT
INDUSTRIAL HEAT TREATING FURNACES - PROVEN QUALITY AT A COMPETITIVE PRICE



INDUSTRIAL HEAT TREATING FURNACES
Proven quality at a competitive price

- ▲ Drop Bottom Furnaces
- ▲ Car Bottom Furnaces
- ▲ Gantry Furnaces
- ▲ Age and Annealing Furnaces
- ▲ Box Furnace
- ▲ Mesh Belt Conveyor Furnace
- ▲ Heating Element

CHE Field Services
CHE has provided service on all brands of equipment and supplies most consumable parts for your equipment.

www.chefurnaces.com

See related product stories

- Cost Estimating Software targets metal fabrication shops.
- Ink Cost Estimating Software enables accurate print pricing.
- Estimating Software integrates with product/pricing data.
- Construction Software Suite aids decision making.
- Bandsawing Calculator identifies time and cost savings.
- More

See more product news in:

Software

Jobs | Featured Manufacturing Jobs

Site Buyer
Benson, MN |

PROJECT MANAGER
New York, New ... Commensurate ...

DESIMONE

Take your career to the next level! DESIMONE Consulting Engineers, an international structural engineering firm, is looking for sharp, capable, energetic, and highly motivated PROJECT MANAGER that wants to design world-class buildings.

Tools for you

- Print This Page
- Watch Company
- View Company Profile
- Company web site
- More news from this company
- E-mail this story to a friend
- Save Story

Search for suppliers of Estimating Software

Join the forum discussion at: Engineers Lounge

Advertisements

IQMS
EnterpriseIQ ERP Software for Plastics, Process and Repetitive Manufacturers

Sethco - Corrosion Resistant Pumps for Caustics, Acids, Alkalis & Solvents

UNITEC Industrial Power Tools
Grinders, Polishers, Drills, Saws & More

Fyroc - World Leader in Thermoset Pumps for Corrosive & Abrasive Liquids

The Lowest Cost of Ownership



include unit size, airborne contaminants of concern (CoC), building use and other related statistics. SCOPE automatically calculates and inputs weather data based on more than 50 selected North American geographical regions, plus the quantity and capital cost of APCO Rack Systems needed. Fresh-Aire UV's manufacturer's representatives network can also complete SCOPE applications for customers.

Results are exported as a full color PDF file which displays the amount of ASHRAE 62.1-compliant outdoor air reduction allowed, energy savings, ROI (in U.S. dollars) and air purification equipment payback as a result of employing the APCO Rack System. The exported PDF file presentations can enhance commercial building HVAC new construction project bids and substantiate potential Leadership in Environmental and Energy Design (LEED®) credits;

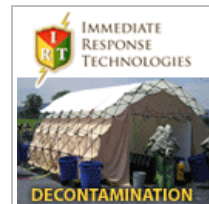
Other features of SCOPE are:

- Calculations include the clean air delivery rate (CADR) of more than two dozen common outdoor and indoor CoC;
- Also compares VRP to IAQP as an outdoor reduction method;
- Reviewed by members of ASHRAE Technical Committee 2.3--Gaseous Air Contaminants and Gas Contaminant Removal Equipment;
- User interface includes step-by-step implementation with help buttons, integrated time-saving minimum and default values, load-and-save analysis, print feature for any window, easy navigation with MicroSoft Windows compatibility;
- Users can metric or standard measurement units;

The APCO Rack System is a ozone-free air purification system for commercial, industrial and institutional facility HVAC applications. It's the first device to combine UVGI for airborne and HVAC internal surface disinfection, with gas-phase air purification and photocatalytic oxidation (PCO) to capture and neutralize VOCs. It's compatible with most commercial/industrial air handlers ranging from 10 to 200 tons. The APCO original residential version won the prestigious 2011 AHR Innovation Award in the IAQ Category.

For more information on Fresh-Aire UV and its full line of UVGI, APCO and other IAQ products, please visit www.freshaireuv.com, call 1-(800) 741-1195 or email: sales@freshaireuv.com.

About Fresh-Aire UV®: Fresh-Aire UV® is a division of Triatomic Environmental Inc., Jupiter, Fla., a leading manufacturer and developer of germicidal UV light systems designed for commercial/industrial and residential HVAC systems and ice machines. Among their products is the patented Blue-Tube UV®, the first 24 volt low-voltage germicidal UV light for HVAC, which has become the most popular product of its type in the world. Fresh-Aire UV's revolutionary APCO® (advanced photocatalytic oxidation) system, which combines UV-C light with activated carbon cells for comprehensive odor, VOC and microbial control, was an International Innovation Award winner at the 2011 AHR Expo. Fresh-Aire UV® systems are sold through wholesale HVAC/R distributors, specified by consulting engineers and installed/serviced by air conditioning contractors. Fresh-Aire UV® continually strives to engineer, develop and market products to meet the demand for a greener world and healthier environment. The UV products improve air quality, enhance the efficiency of HVAC/R systems and reduce maintenance costs. For more information please visit www.freshaireuv.com, call 1-(800) 741-1195 or email: sales@freshaireuv.com.



Print | Email | Comment | Share | Facebook | Twitter | LinkedIn | StumbleUpon | YouTube | Dribbble | Diigo

Contacts: [View detailed contact information.](#)

Post a comment about this story

Name:

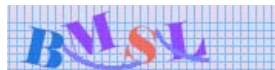
E-mail:

(your e-mail address will not be posted)

Comment title:

Comment:

To submit comment, enter the security code shown below and press 'Post Comment'.



Journals

[Industry Market Trends®](#) | [Fluid & Gas Flow Journal](#) | [Machining Journal](#) | [Procurement Journal](#) | [Tech Trends Journal](#)

Industry News

[Latest New Product News](#) | [Association & Government News](#)

Product News

- | | | |
|--|---|--|
| Adhesives and Sealants | Green & Clean | Plant Furnishings and Accessories |
| Agricultural and Farming Products | Health, Medical and Dental Supplies and Equipment | Portable Tools |
| Architectural and Civil Engineering Products | HVAC | Printing and Duplicating Equipment |
| Automatic ID | Labels, Tags, Signage and Equipment | Retail and Sales Equipment |
| Chemical Processing and Waste Management | Laboratory and Research Supplies and Equipment | Robotics |
| Cleaning Products and Equipment | Lubricants | Safety and Security Equipment |
| Communication Systems and Equipment | Machinery and Machining Tools | Sensors, Monitors and Transducers |
| Computer Hardware and Peripherals | Material Handling and Storage | Services |
| Construction Equipment and Supplies | Materials and Material Processing | Software |
| Controls and Controllers | Mechanical Components and Assemblies | Test and Measuring Instruments |
| Display and Presentation Equipment | Mechanical Power Transmission | Textile Industry Products |
| Electrical Equipment and Systems | Mining, Oil Drilling & Refining | Thermal and Heating Equipment |
| Electronic Components and Devices | Mounting and Attaching Products | Timers and Clocks |
| Explosives, Armaments and Weaponry | Non-Industrial Products | Transportation Industry Products |
| Fasteners and Hardware | Optics and Photonics | Vision Systems |
| Fluid and Gas Flow Equipment | Packaging Products & Equipment | Waste Handling Equipment |
| Food Processing and Preparation | Paints and Coatings | Welding Equipment and Supplies |

Press Releases

[Products in the News](#) | [Company News](#) | [Mergers & Acquisitions](#) | [People in the News](#) | [Literature & Websites](#)

Resources

[News Delivery Options](#) [RSS](#) [JS](#) | [SME](#) | [Browse Categories](#) | [Browse Companies](#) | [Mobile Edition](#)
[PR Resources](#) | [Licensing](#) | [Advertising](#) | [Call for Contributors, Guest Writers and Submissions](#) | [How to Write an effective Press Release](#)
[Trade Associations](#)

[Home](#) | [My ThomasNet News®](#) | [Industry Market Trends®](#) | [Submit Release](#) | [Advertise](#) | [Contact News](#) | [About Us](#)



Brought to you by [Thomasnet.com](#) [Browse ThomasNet Directory](#)

News provided by ThomasNet News® (TNN). TNN is a comprehensive source of new and timely product information in the industrial marketplace. TNN supplies new product information to the web sites, e-marketplaces and print publications that serve the industrial marketplace. For press release submissions please go to <http://news.thomasnet.com/submitpr.html>. BY ACCESSING, BROWSING AND/OR USING THIS WEB SITE AND/OR ANY WEB SITES PROVIDED BY ProductNews.com, YOU AGREE TO BE BOUND BY THE TERMS OF USE AGREEMENT.

Copyright © 2014 Thomas Publishing Company. All Rights Reserved.
[Terms of Use](#) - [Privacy Policy](#)