

PUBLISHED EVERY THURSDAY

- **Technology news impacting the HVAC industry and product announcements.**
- **Reaches over 100,000 readers each week. All ASHRAE Members plus free subscriptions available on ASHRAE.org**

## HVAC&R Industry Newsletter Metrics

Average Delivered: 101,863

Average Opens: 34,354

Open Rate: 33.7%

Ad Position	Avg. Clicks	Click Thru Rate
Skyscraper	12	0.04%
Top & Bottom Leaderboards	77	0.23%
Text	26	0.08%
Product Listing	31	0.09%

\*Metrics are the average through August 2025

## Rates and Creative

Position	Size	Net Rate per Issue, based on total placements per year		
		1 - 3	4 - 6	7 +
Skyscraper	160x600	\$6,125	\$5,325	\$4,630
Top & Bottom Leaderboards	728x90	\$6,580	\$5,720	\$4,975
Text Ad	216x216*	\$5,945	\$5,170	\$4,495
Product Listing	125x125*	\$2,285	\$1,985	\$1,725

File type – JPG or GIF. Max file size for all ads is 100k.

\*Text banner specs - 216x216 image, 40-character headline, 500-character description

\*Product listing specs - 125x125 image, 40-character headline, 300-character description

Ad Material & linking URL are due one week prior to send date.

Upload Text ads to: <http://adcreator.ashrae.org/NewAd>

Product Listing ads: <https://adcreator.ashrae.org/newad?t=HVACREnewsProductListingPortal>

Email other ad types to [vthompson@ashrae.org](mailto:vthompson@ashrae.org)

**Widely available.** Find equipment & energy solutions from industry manufacturers

**R32** ENERGY AND ONE OF 32 REFRIGERANTS TO BE USED

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# ASHRAE HVAC&R INDUSTRY NEWS

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Displaying International & North American content today
August 27, 2020

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## COVID-19 Mitigation Making Polling Places Safer

To protect voters and staff workers during this election season, the ASHRAE Epidemic Task Force has released HVAC and water supply system guidance to reduce the risk of spreading the SARS-CoV-2 virus at polling locations. Recommendations include running HVAC systems while the building is occupied, ensuring proper ventilation, using appropriate air filters, cleaning the air with UVGI, and setting temperature at the highest and lowest comfort levels. Download the PDF full guideline for polling places here. [Read more](#)

**Thermal Comfort**  
**'Cold Tube' Coils People Without Air Conditioning**

Researchers have developed a system made from inflated panels, called the Cold Tube, that can cool people using the concept of evaporative cooling. According to project lead Stefan Warkentin, "the Cold Tube works by absorbing the heat directly emitted by radiating from a person without having to cool the air passing over their skin." At a demonstration in Singapore, participants reported feeling more comfortable when standing next to the panels even though the air temperature was still 85°F (30°C). Click here for the research. [Read more](#)

**Indoor Air Quality**  
**Berkley Lab's Home Air Quality Monitors Useful for Wildfire Smoke**

Berkley Lab has tested several low-cost home air quality monitors for accuracy in detecting indoor pollution levels. Smaller than wallbuds in recent years, they created hazardous outdoor air quality in several parts of the U.S. for days at a time. Berkley lab tested four commercially available monitors to more expensive systems used by regulatory agencies. Click here for the research. [Read more](#)



The Cold Tube demonstration was set up for testing in Singapore's outdoor lab.

Credit: Lee Suetheewee

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## Compressors Designed to Save Energy

Researcher single-stage compressors offer faster, cleaner energy, lower emissions and smaller stress on local air currents. Additionally, 25% variable speed compressors allow for controlled speed control and reduced power efficiency that lead to more sustainable operation. Designed for a wide range of applications, LG's variable-speed compressors feature ultra-low noise ratings, low carbon dioxide footprint, and advanced technology and intelligent engineering improve efficiency and simplify operation. Click here for more information.



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## Study: SARS-CoV-2 Spreads Indoors More Easily with Low Humidity

OxML Develops 3D-Printed Device That Enhances Carbon Capture

Submissions Due Oct. 1 for Lower-GWP Refrigeration and Air-Conditioning Innovation Award

Climate-Positive Data Center Uses Immersive Cooling to Save Energy

Samsung Electronics Joins Carrier Alliance Supplier Program

Underground Thermal Energy Storage Webinar to Be Held

Have a great industry news story? Submit here.

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## Healthy air solution gets a 500ST

The new Panasonic OEQ™ HEPA Grade BioNate Energy Efficient Purifier has been selected as one of the most innovative products in the world. The purifier features a true HEPA filter, which captures 99.97% of particles down to 0.3 microns, and a deodorizer that removes odors. The purifier also features a smart sensor that automatically adjusts the fan speed based on the air quality. Click here for more information.



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## GRAFTMIND

**Architectural Design**  
Experience the new design

**Creating Makshiff Negative Pressure Patient Rooms**  
By Frank Shadoun, PE, HSP, Fellow AIAAEE, Patient Interface

In a pandemic, hospitals do not have much time to build negative pressure patient rooms. This article explores recommendations for creating these rooms quickly using appliances such as portable HEPA exhaust fan units, along with guidance from relevant codes and standards and hospital requirements.  
[Download Now](#)

**ASHRAE News**  
**ASHRAE Learning Institute Announces 2020 Fall Online Course Series**

The 2020 Fall Online Institutes will feature courses from the ASHRAE Learning Institute (LI) in role open for registration. The series includes a new course that will address evaluating building HVAC systems readiness prior to building occupation to mitigate the spread of the SARS-CoV-2 virus. [Read more](#)

## Recommended Products

**25-Character Title XXXXXX**  
Description text has 25-character limit (excluding spaces). Description text has 370-character limit (including spaces). Description text has 370-character limit.  
[Read »](#)

**ICM**  
Detailed description  
**ASHRAE Epidemic Task Force Updates Building Readiness Guidance**

The ASHRAE Epidemic Task Force's updated Building Readiness guidance provides practical information and checklists for how buildings should operate during and after the pandemic and how to practically check operations. The guidance, which was released previously, addresses:

- energy recovery ventilation systems operation
- building readiness modes of operation
- increased ventilation and filtration and
- building exhaust air re-entry/minimization.

Download the guidance. [Read more](#)

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