



T Air Conditioning TODAY



MARCH 2025

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Mini Split March

Winsupply Corpus Christi Midea Dealer Meeting



Pictures on page 22.

AHR Expo 2025



Pictures on page B8.

AHR Expo Brings the Crowds, Cool and Heat to Orlando

Record numbers, pressing industry change and an abundance of innovation made for a week of excitement

Westport, Conn. – The AHR Expo (International Air-Conditioning, Heating, Refrigerating Exposition) took over Orlando for a fast-paced week of learning, reconnecting, perusing and demoing everything new coming to market in HVACR. Topics spanning industry sectors included tariffs, regulation updates, A2Ls, AI, equipment design and more.

“Orlando brought record numbers,” said Show Manager Mark Stevens. “There is a lot of movement happening around the industry — with business, regulation, administration shifts, equipment design and more, professionals were keen to gather and discuss it all.”

To read more about topics leading into Orlando, see our 2025 AHR Expo Trend Report.

Networking opportunities in abundance

Monday morning showcased strong attendance, welcoming 50,807* attendees showing up to interact with the 1,878 exhibitors spread across the West Hall. Maximizing 516,060 square footage of space for booth displays, attendees gained access to all the latest the industry has to offer, including new products, technology, skill learning and demonstration.

Podcast Pavilion, located in Concourse E hosted a record 22 podcasters hosting interviews with industry personalities and covered all the latest topics impacting the industry. Podcasts were recorded and will be released by each respective podcaster in the coming weeks. Please visit their podcast feeds to access.

Manufacturers built extremely valuable experiences for industry tradesmen, women and influencers by hosting events, competitions and meet-ups aimed at opening exciting channels of content creation and networking opportunities.

“The expansion of the network with new and creative ways to connect is providing outstanding visibility and collaboration for professionals. Five years ago the industry was struggling with two-way communication channels, and now it exists in abundance between field professionals



and the manufacturers developing the products and technologies,” said Nicole Bush, Director of Marketing at AHR Expo. “In-person events like the AHR Expo enhance the social connections made online by allowing for greater networking development, and this is proving to be incredibly valuable to our industry.”

Where the industry connects

The 2025 Education Program offered more than 300 sessions. Topics of the week addressed pain points, opportunities and methods to increase efficiency, business practice and cross-sector relationships. Of the sessions, 145 were new product presentations in New Product Theaters and seven panels in the AHR Panel Series.

“It’s exciting to witness the growth of our education program, both in terms of topic diversity and the expertise brought in to share valuable insights,” said Kimberly Pires, Special Projects Manager. “There’s a strong connection between the discussions happening in our sessions and their real-world application on the show floor, which further offers attendees a deeper, more practical understanding of the latest trends happening around the industry.”

In the 2025 State of the Industry Panel discussion topics included tariffs and their potential impact, A2Ls and a visionary look to A3Ls, as well as a look ahead at market shifts in the coming year. Participants included Dennis Knight, the 2024-2025 ASHRAE President, Stephen Yurek, CEO of AHRI, Talbot Gee,

CEO of HARDI, and Dominick Guarino, President & CEO at National Comfort Institute, Inc.. Bryan Orr of HVAC School moderated.

Other popular sessions included topics such as the transition to A2Ls; the rise of Artificial Intelligence (AI) in the industry; cybersecurity considerations; workforce development, including actionable strategies to grow a team now; new regulations at the state, federal and global level, and more.

ABOUT THE AHR EXPO

The AHR Expo is the world’s premier HVACR event, attracting the most comprehensive gathering of industry professionals from around the globe each year. The show provides a unique forum where manufacturers of all sizes and specialties, whether major industry brand or innovative start-up, can come together to share ideas and showcase the future of HVACR technology under one roof. Since 1930, the AHR Expo has remained the industry’s best place for OEMs, engineers, contractors, facility operators, architects, educators and other industry professionals to explore the latest trends and applications and to cultivate mutually beneficial business relationships. The next show, co-sponsored by ASHRAE and AHRI, will be held Feb.2-4, in Las Vegas, NV, and is held concurrently with ASHRAE’s Winter Conference.

For more information, visit ahrexpo.com and follow @ahrexpo on Twitter, Instagram, LinkedIn and Facebook.

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Fabio Klein succeeds Kristian Strand as Divisional President of Commercial Compressors



Fabio Klein, Div. President, Danfoss Commercial Compressors

Nordborg, Denmark – Danfoss has announced that Fabio Klein has been named Divisional President of the Commercial Compressors division in Danfoss Climate Solutions. Fabio will take his new position as of April 1, 2025, as he succeeds Kristian Strand, who was recently appointed President of Danfoss Climate Solutions.

highly competent and visionary leader who understands every detail of our compressor business. Since joining Danfoss, he has consistently demonstrated the right mindset and skill set to elevate our compressor business to the next level. I look forward to seeing Fabio continue to drive the business forward.”

“It is an honor to succeed Kristian in this role and to have the opportunity to lead the exceptional team in Commercial Compressors. I am both excited and humbled by this responsibility,” Fabio stated. “I look forward to collaborating with everyone across the division to continue driving success for our customers.”

With 27 years of global experience in the HVAC-R industry, Fabio also serves as the chairman of the board for Asercom (Association of European Refrigeration Component Manufacturers).

Fabio currently serves as the Senior Vice President of the Scroll and Reciprocating Compressors business within Commercial Compressors. Since joining Danfoss in 2016 as Vice President of Global R&D for Commercial Compressors, he transitioned into his current role in 2020.

“I’m proud to pass on the compressor business, which is performing stronger and is better positioned than ever before. I am happy that Commercial Compressors will be in good hands with Fabio. Under his leadership, the Scroll and Reciprocating Compressors division has become a global leader in air conditioning, heat pumps, and refrigeration solutions. The division has effectively released scroll compressors for natural and lowGWP refrigerants and has developed energy-efficient award-winning technology,” says Kristian Strand. “Fabio is a

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 P.O. Box 311776 New Braunfels, Tx. 78131-1776
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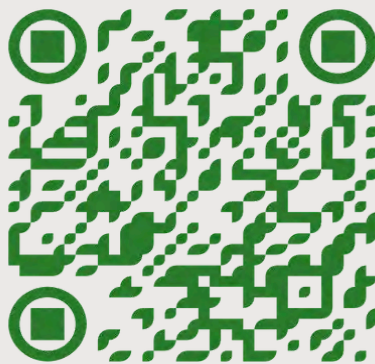


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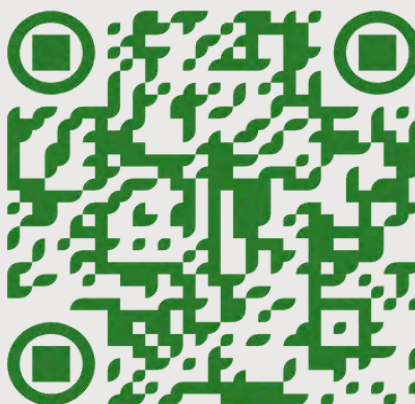


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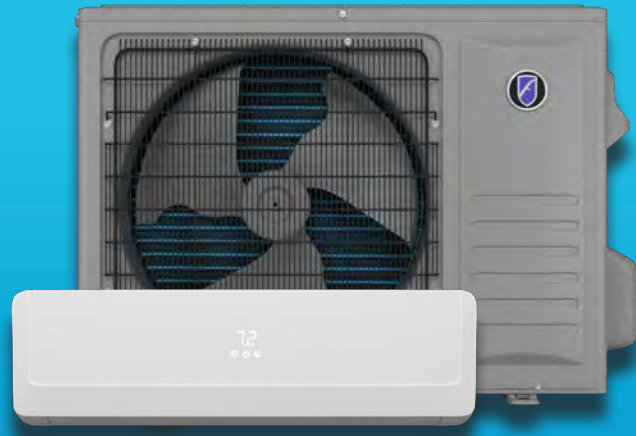
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Midea Earns Prestigious Intertek Award Certification, Showcases Leadership in Heat Pump Innovation and Workforce Development at AHR Expo 2025

Efforts in Cutting-Edge Technology, Workforce Development Initiatives and Accessible Energy-Efficient Solutions Take Center Stage

Orlando, FL – As demand for high-efficiency, electrified heating solutions grows in North America, Midea continues to lead innovation in heat pump technology and is focusing on making these solutions more accessible and easier to adopt. Midea continues to demonstrate its global leadership in HVAC innovation and left a lasting impression at AHR Expo 2025 by hosting an inspiring panel on “Heat Pump Trends & Commercialization.” Midea also received Intertek’s first Global CVP Compliance Certificate for Air Conditioners.

Heat Pump Trends & Commercialization Panel

On the first day of the show, Midea hosted industry leaders from Intertek, ESCO Group and Resource Innovations in a compelling panel discussion of heat pump trends and the issues and opportunities for commercialization. The panel explored the future of heat pump adoption and regulatory challenges and underscored the growing role of policy, incentives and industry collaboration in scaling heat pump adoption. Held in front of a full audience of contractors, distributors and media, the panel reinforced Midea’s commitment to playing a leadership role in the industry and making high-performance systems accessible and practical for contractors and homeowners alike.

After participating with Intertek in the panel discussion about heat pump commercialization requirements, Midea was honored with Intertek’s first Global CVP Compliance Certificate for Air Conditioners. Midea’s EVOX All Climate



Heat Pump* is considered one of the best heat pumps in the industry, setting new benchmarks in extreme climate performance and ease of installation. As a result, Phil Huang, head of Midea RAC North America, accepted the Intertek award on Midea’s behalf, stating, “This recognition reflects our dedication to innovation and our mission to make energy-efficient technology accessible to all.”

AHR Expo Highlights: Showcasing Cutting-Edge HVAC Solutions

Midea’s booth at AHR Expo 2025 featured the brand’s latest heat pump innovations, focusing on energy efficiency, reliability and ease of installation. Midea’s heat pump solutions serve a wide range of applications—from the Packaged Window Heat Pump (PWHP), designed for multi-

family buildings and urban retrofits, to the Heat Pump Water Heater (HPWH), an energy-efficient alternative for residential water heating. These solutions are built to enhance performance in a variety of climates while reducing energy costs for homeowners and businesses alike. Attendees were introduced to a variety of advanced solutions:

- **EVOX All Climate Heat Pump system:** Engineered for all climates, this system features Enhanced Vapor Injection (EVI) technology, delivering up to 100% heating output at -31°F/-35°C and continuous operation down to -40°F/-40°C and up to 100% cooling output at 140°F/60°C and continuous operation up to 149°F/65°C. The complementary modular Midea EVOX G3 block-n-lock air handler unit (AHU) is designed with contractors and customers in mind with simplified installation, and a SEER2 rating of up to 19, delivering year-round energy savings.

- **Heat Pump Water Heater (HPWH):** Adopting inverter technology and source air to produce domestic hot water is a major key to increased energy efficiency, and with a 400% efficiency rating, the Midea HPWH can save homeowners up to 75% on energy costs. It provides up to 91 gallons of hot water in the first hour, operates quietly (45 dBA), and is eligible for most U.S. and Canadian rebate programs (rebates vary depending on state/region).

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• **Packaged Window Heat Pump (PWHP):** Ideal for multi-family and multi-zone buildings, the Midea PWHP offers compact, efficient heating and cooling. It provides 100% heating at 5°F, operates at temperatures as low as -13°F. It is also a key part of New York State's Clean Heat for All Challenge and the State's decarbonization and energy efficiency targets and goal of making modern heat pump technology more accessible – one of Midea's core missions.

• **Multi-Zone Systems:** Offering flexible heating and cooling for up to six zones, these heat pump systems include great options including the IN One-Way Cassette and All Easy Pro high wall split. These units are ideal for homes where temperature control in individual rooms is desired. They achieve SEER2 ratings of up to 25 and operate efficiently across a wide temperature range (-22°F to 122°F).

Midea's innovations reflect a customer-first approach, ensuring that homeowners and contractors have access to solutions that simplify installation while delivering long-term energy savings. Each showcased product, from central ducted heat pumps to compact multi-zone systems, was designed with efficiency, adaptability and user convenience in mind.

AHR Expo Workforce Development Panel and New Product Theater Presentation

On the second day of the Expo, David Rames delivered a compelling presentation on "Revolutionizing HVAC: The EVOX G3 Heat Pump System." He detailed the product's superior performance, energy efficiency and contractor-friendly features. Rames emphasized how the EVOX G3 system simplifies installations while providing reliable heating in any climate and helping homeowners reduce their energy consumption and

operational costs. The talk also underscored the importance of collaboration between manufacturers, regulators and industry leaders to drive mainstream heat pump adoption. As one of the key contributors, Midea shared insights on balancing product innovation with evolving market demands and policy incentives.

Educational Programming: Empowering the HVAC Workforce

Midea also reinforced its commitment to education and workforce development at the AHR Expo. This year, Midea hosted numerous training sessions and discussed its collaboration with numerous trade schools across North America and efforts in providing both contractors and students with hands-on experience in advanced heat pump technology. As part of this initiative, Midea has donated HVAC units and other equipment to Orange Technical College in Orlando to support hands-on training for its trade students. This donation underscores Midea's dedication to fostering talent and building the future of the industry.

On the final day of the show, Midea hosted local trade school students for a tour of the booth. David Rames also participated on the AHR Expo-hosted Workforce Development Panel, where he and other industry leaders discussed the importance of preparing the next generation of HVAC professionals. Beyond the classroom, Midea continues to partner with contractors, influencers and media outlets to expand industry knowledge, raise awareness of the benefits of today's innovative heat pump technology, and foster greater adoption of energy-efficient HVAC solutions. Midea is committed to strengthening the HVAC workforce by investing in hands-on education and technical training. These initiatives help bridge the skills gap, ensuring that the next generation of professionals is equipped to install and maintain advanced heat pump systems.

Consumer-Focused Benefits: Making Energy Efficiency Accessible

Midea is committed to making energy-efficient solutions accessible to more homeowners and participated in numerous meetings with key stakeholders, including the Consortium for Energy Efficiency, utilities and other leading organizations committed to the commercialization of advanced heat pump technologies. Midea continues to drive its product designs to help reduce energy bills and provide reliable performance in all climates. In addition, the company continues to work with utilities and municipalities to help ensure that consumers who purchase their products can be eligible for regional and federal incentives like the Inflation Reduction Act and Canada's Greener Homes Grant.

Looking Ahead: Midea's Vision for HVAC Innovation

Midea's success at AHR Expo 2025 reflects its dedication to advancing energy-efficient HVAC solutions and supporting its stakeholders' decarbonization goals. As the company's engineering team in Louisville, KY continues to invest in R&D, Midea remains focused on developing technologies that integrate seamlessly into everyday life, from smart connectivity features to solutions that enhance comfort and reduce energy consumption. Beyond product innovation, Midea is committed to workforce development and industry education, partnering with trade schools across the country to promote heat pump applications. The company plans to expand these efforts through collaboration with industry institutions, utilities, contractors and educational programs to raise awareness, provide installation training and equip professionals and consumers with the knowledge to adopt high-efficiency heating and cooling solutions. As Midea looks ahead, the company remains dedicated to developing breakthrough technologies, expanding workforce training initiatives and driving consumer education—ensuring that heat pump adoption continues to grow across North America.

For more information, visit www.mideacomfort.us.

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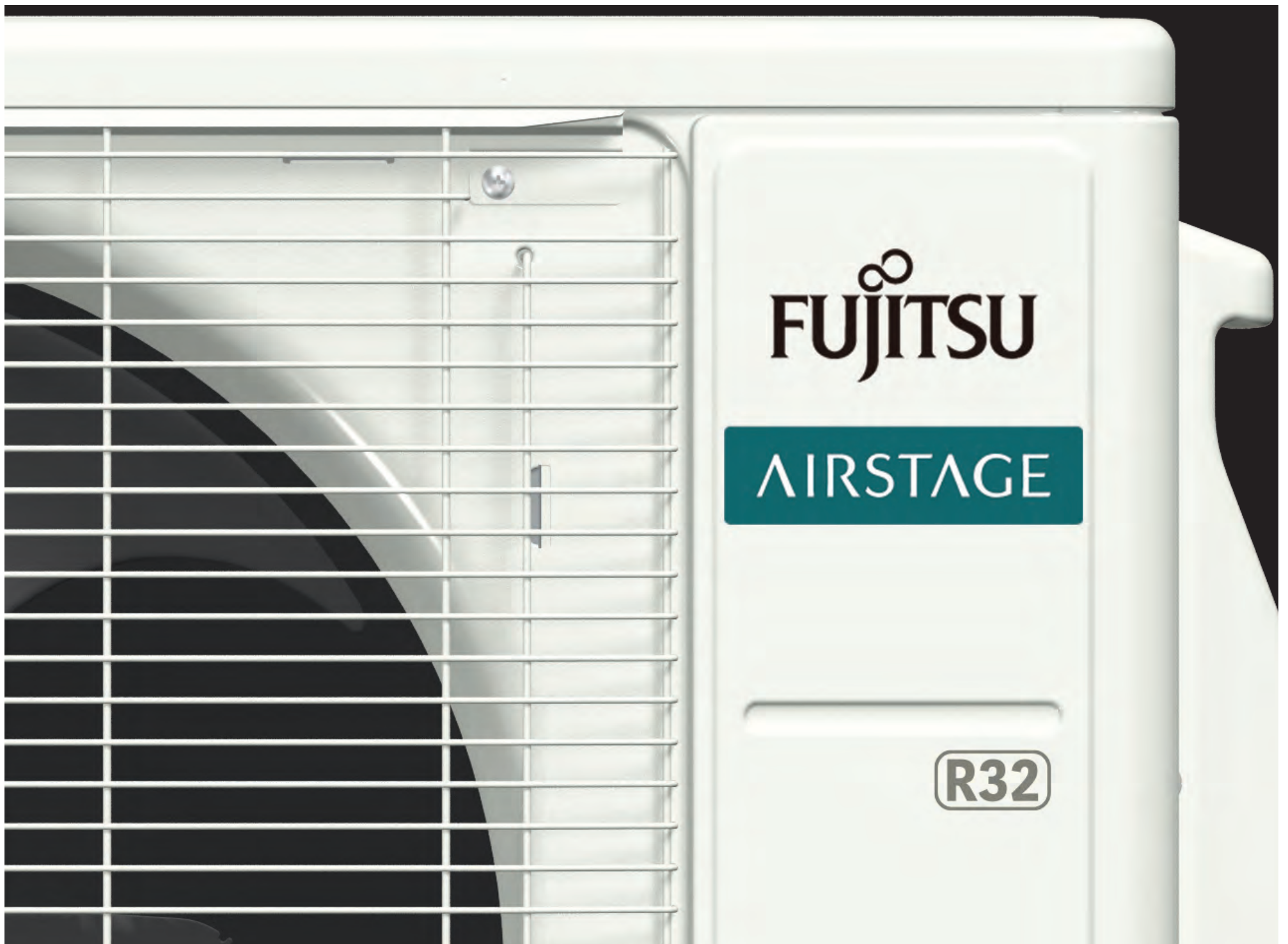
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Sunday Super Bowl Party in Orlando

JB Industries hosted a Super Bowl party at Miller's Ale House in Orlando during the AHR Expo. The party had a full buffet, open bar, Margarita bar and Whiskey bar. The other sponsors of the event were Mueller Streamline, Chemours, Nueco, NuCalgon and Tecumseh.



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Product News

RectorSeal® Adds Flow Right™ Filter Boxes To Complement its Extensive IAQ Product Line

Houston, TX— RectorSeal, a leading manufacturer of HVAC/R and plumbing accessories, has announced the addition of the Flow Right Filter box to its extensive line of IAQ products for HVAC systems. Flow Right air filter boxes complement RectorSeal's innovative Dust Free IAQ products by providing a unique knock-down design.

Patented in 2015, Flow Right filter boxes are designed as RTA (Ready-To-Assemble) filter cabinets that are compatible with 1- and 2-inch air filters. They are packaged flat in easy-to-store cartons and take only minutes to assemble. The filter boxes are adjustable from 4" to 18" in height and are available in galvanized or powder-coated options. When properly installed, Flow Right



box filters can help to improve HVAC airflow by up to 20% to a ducted HVAC system.

"The addition of Flow Right box filters ensures RectorSeal's ability to deliver innovative, practical, and effective HVAC solutions to our customers," said Gregg Burnett, Vice President and General Manager of Dust Free IAQ Products.

Since 1937, RectorSeal has offered products that have built a steadily growing and loyal following among contractors due to

differentiated and proven product performance. Further, the company is often the first to tackle and solve challenges professional trade contractors face. In 2015, RectorSeal became part of the Contractor Solutions segment of CSW Industrials, Inc. (Nasdaq: CSWD).

Please visit www.rectorseal.com for additional details, and follow us on LinkedIn, Facebook, YouTube, Instagram, and X for the latest product enhancements and news.

Goals Make Your Plan Real

When I was Vice President of Creative Services at Conesco, we were always out of literature for key products. In the insurance business literature is all you must sell, so these outages would cripple our sales team. Our out-of-stock list was routinely close to 300 different items. We had numerous meetings on the subject, nothing ever changed.

So, I stopped talking about procedures and policy and asked a simple question "If our goal is an outage level of 100 what should we do?"

Defining a specific target, instead of vague "get better" gave a focus to our discussions. Every day we knew exactly how far we were from our target.

We felt confident we

could make significant progress within two months, so we set a specific date to hit the target. The date gave us the sense of urgency we needed to keep this goal in the forefront of our discussions.

We hit our goal three days before the deadline.

There are several important lessons for small business owners in this story:

1. Define quantifiable goals, with a specific deadline.
2. Create and follow an action plan.
3. Track your progress.
4. Involve others, do not assume you can do it on your own. We would never have succeeded without the support of the printer, inventory team, and other managers.



Lorraine Ball

Digital marketing strategist, Lorraine Ball has spent 30 years working with small business owners. She has collected the best of her training, tools and resources in the Digital Toolbox (www.digitaltoolbox.club) She is also the host of More Than a Few Words, a marketing podcast, available wherever you listen to podcasts.

5. Celebrate the win!

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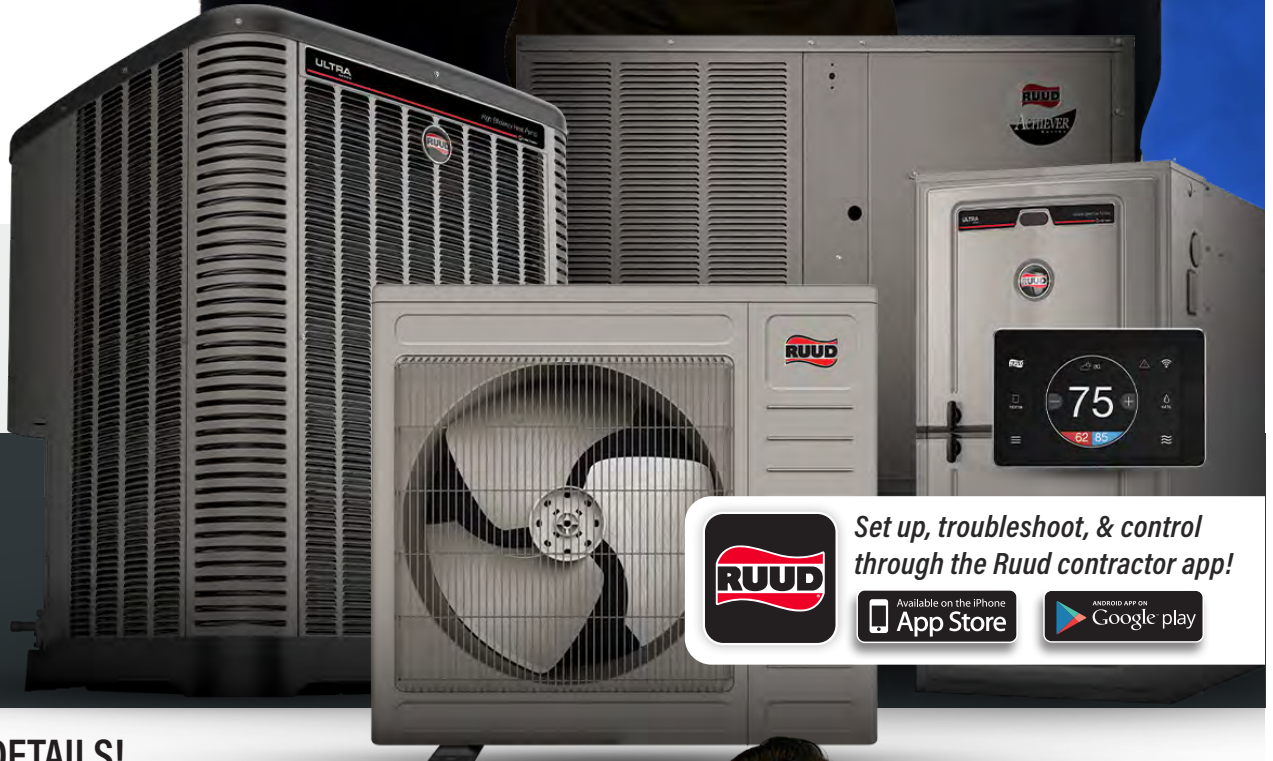
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GREE Cocktail Party

*GREE hosted a Cocktail Party at Cuba Libre in Orlando during the AHR Expo.
The event was held Tuesday night and included drinks and food.*



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ASHRAE Wraps Winter Conference and AHR Expo In Orlando, Reinforcing Commitment to Workforce Development

Atlanta— The 2025 ASHRAE Winter Conference brought together HVAC&R industry leaders, experts and professionals for an engaging and impactful event focused on key topics such as artificial intelligence, emerging technologies and workforce development.

Taking place February 8-12 in Orlando, Florida, the conference attracted close to 3,800 attendees and featured more than 400 committee meetings, 111 technical sessions and numerous networking and social events. Running concurrently, the AHR Expo occupied the Orange County Convention Center, hosting more than 1,800 exhibitors, showcasing the latest HVAC&R technologies, products and services to an estimated 50,000 attendees over three days.

Among the most well-attended in-person Winter Conference sessions were:

- Seminar 13: *Low and Ultra-low GWP Refrigerants and Equipment to comply with Current and Future*



In his State of the Society Address, 2024-25 ASHRAE President Dennis Knight provided updates on the current Society Year theme: *Empowering Our Workforce: Building a Sustainable Future.*

The ASHRAE Learning Institute (ALI) provide valuable educational opportunities, offering 20 courses during the conference. Among the most popular were:

- *Changing Environments and Loads for Data Center (High Density, Liquid Cooling, Edge Computing)*
- *Guideline 36: Best of Class HVAC Control Sequences*
- *V in HVAC – Health and Energy Improvements Using Indoor Air Quality Procedure*

The 2025 ASHRAE Annual Conference will take place June 21-25 in Phoenix, Arizona. The 2026 Winter Conference will take place January 31-February 4, 2026 and the AHR Expo, February 2-4, 2026 in Las Vegas, Nevada.

Decarbonization Efforts

- Seminar 8: *Earth, Heat and Ice: Expanding the Effectiveness of Geothermal Systems Using Ice Storage*
- Seminar 42: *The Wonderful World of Dedicated Outdoor Air Systems and Energy Recovery Equipment*
- Seminar 25: *Energy Storage Solutions*


to Enhance Building and Grid Resilience

- Seminar 11: *Advances in AI Technologies for the Buildings Industry*
- The most popular livestreamed session was Seminar 36: *LIVESTREAM: Interdisciplinary Dimensions of Occupant Behavior, Indoor Environmental Quality for Building Health.*



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PHCC Members Set to Return to Washington, D.C., This Spring

Contractors invited to attend Legislative Conference May 20-21

The Plumbing-Heating-Cooling Contractors—National Association (PHCC) will host its 2025 Legislative Conference on May 20-21 at the YOTEL Washington D.C. This annual event provides plumbing and HVAC contractors with the opportunity to connect directly with federal lawmakers and advocate for the industry's most pressing priorities.

The conference will focus on:

- **Workforce Development:** Highlighting the importance of registered apprenticeships and workforce training programs to address labor shortages and promote industry growth.

- **Energy Policies:** Supporting diverse energy solutions while advocating for practical regulations that allow contractors to meet evolving customer needs.

- **Tax, Trade, and Economic Policies:** Ensuring fair regulations that benefit small businesses and promote a stable economic environment for contractors and their customers.

Attendees will receive expert advocacy training from PHCC's Government Relations team and experienced lobbyists, participate in meetings with members of Congress or their staff, and hear from political expert and



former Congressman Tom Davis. Networking opportunities include a joint reception with contractors, distributors, and manufacturers, featuring appearances from legislators who champion the trades.

PHCC—National Association President Dan Callies noted that “PHCC’s annual Legislative Conference is a critical component of our advocacy efforts and a key member benefit that all PHCC members should take advantage of. Legislators need to hear directly from contractors about the impact of federal policy on

the plumbing and HVAC industry.”

Registration and Hotel Details

Early bird registration is open through April 30, offering discounted rates. Hotel reservations at the YOTEL Washington D.C. must be made by April 20 to secure special pricing. Hotel block link and information is included in registration confirmation email.

For additional information, visit the *Legislative Conference webpage* or contact Mark Valentini at valentini@naphcc.org or 703-752-9871.

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Second ANSI Public Review for Additional Modifications to Proposed Manual D® (Residential Duct Systems) Revisions

Alexandria, VA — The Air Conditioning Contractors of America Educational Institute (ACCA-EI) Standards Task Team (STT) has announced an American National Standards Institute (ANSI) second public review period for proposed revisions to ANSI/ACCA Manual D® - 2014, Residential Duct Systems. This second public review only addresses additional modifications based on comments received during the first ANSI public review period on February 23, 2024.

As a widely used standard for residential duct design, Manual D® uses heating and cooling loads to determine space air delivery requirements for residential applications. The proposed updates refine key definitions, provide clearer installation guidance, and address return air pathways to improve system efficiency and comfort.

ACCA's technical work on manuals is one of the many ways we lead the industry, setting the standard for best practices that help HVACR professionals design systems that maximize efficiency for consumers.

"The revisions to Manual D® reflect ACCA's ongoing commitment to ensuring that HVACR professionals have the most accurate and practical guidance for residential duct system design," said Wes Davis, ACCA director of technical services. "This second public review allows industry stakeholders to weigh in on some proposed revisions which add clarity to a standard that is critical to high-performance HVACR installations."

The 30-day public review period runs from February 14 through March 16, 2025. HVACR professionals and industry stakeholders are encouraged to review the proposed changes and submit feedback.

Danfoss Turbocor® Celebrates 30th Anniversary

The pioneer oil-free, magnetic bearing compressor technology took a disruptive innovation to commercialization.

Danfoss Turbocor® is celebrating three decades of operation in 2025. Founded in 1995 in Australia by a group of engineers and later acquired by Danfoss as a wholly owned company, the organization has grown to 350 employees with operation centers in the U.S., Denmark and China. Over 140,000 Turbocor compressors have been installed globally as more customers seek to lower their carbon emissions and energy consumption.

The company is the pioneer in the development of oil-free, magnetic-bearing compressor technology. By eliminating oil in their design, Turbocor compressors provide a low-carbon and exceptionally reliable cooling option for commercial air conditioning and heat pump applications, enabling commercial buildings such as office buildings, hotels, hospitals, airports and data centers to meet decarbonization and energy efficiency goals.

"Turbocor was founded by professionals outside the field of HVAC," explained Rogerio Federici, vice president and head of Danfoss Turbocor. "This allowed for the free thinking and creativity needed to develop this disruptive technology. They created something new that changed the industry and set a new standard for sustainability in HVAC."

Turbocor compressors can achieve up to 40% better energy efficiency compared to traditional screw compressors, translating to significant savings on energy costs. The magnetic-bearing technology results in zero performance degradation over the life of the compressor,



along with low noise levels. Quick restart capability allows a restart within 30 seconds of a power outage, allowing a fast transition to auxiliary power, making Turbocor compressors ideal for mission-critical facilities like hospitals and data centers.

Over the years, the technology has been recognized with multiple industry awards, including the Alliance to Save Energy's Innovative Star of Energy Efficiency award, the Air Conditioning, Heating and Refrigeration Institute's 2022 Product of the Year and the U.S. Environmental Protection Agency's Climate and Ozone Protection Award.

"We are proud of the success of the Turbocor compressor technology and are looking forward to the next 30 years," said Kristian Strand, president of Danfoss Commercial Compressors. "Turbocor compressors have transformed the HVAC industry and helped thousands of customers reduce their carbon footprint and energy consumptions, a central part of Danfoss' mission."

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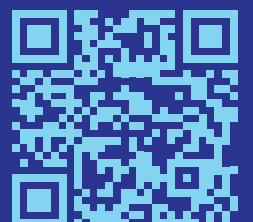
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Fujitsu General Opens Training and Software Development Center in TX

In 2024, Fujitsu General America, Inc. celebrated the opening of its new innovation and training facility in Addison, TX. The AIRSTAGE Innovation & Learning Center is a dual-purpose facility that provides training opportunities and research and development capacity.

The training center includes a dedicated lab for hands-on experiences with various AIRSTAGE systems and controls to refresh and enhance the skills of sales, design, installation, and service professionals. Its central location in the country provides shorter travel for many who are not close to Fujitsu's Pine Brook, NJ or Martinez, CA facilities.

"We're thrilled to announce a milestone that marks a new era of HVAC technological advancement in the heart of Texas," said Fujitsu's Vice President of Product Management, Karim Yasin. "The new facility is a testament to our commitment to innovation and bringing Fujitsu technology to our contractors and customers. We look forward to welcoming 'All Ya'll' at our Texas home!"

Located 15 miles north of Dallas and minutes from DFW and DAL airports, the 7,200-square-foot facility will initially be staffed by 10 Fujitsu employees, including R&D engineers and North American product management teams. The new facility offers an excellent training environment for gaining expertise selling, installing, and supporting Fujitsu products.

For more information, please visit www.FujitsuGeneral.com

RenewAire Introduces DX Cooling Coil for HE07 & HE10 ERVs

RenewAire®, a Waukegan, WI-based manufacturer of HVAC and indoor air quality (IAQ) products, has introduced the HE+DX Coil, a duct-mounted system that adds cooling capability to the commercial HE Series' HE07 and HE10 energy recovery ventilators (ERVs). The HE+DX Coil offers dedicated outdoor air system (DOAS) functionality from an ERV with significantly lower equipment costs and shorter lead times. With its smaller size, it can fit into tighter spaces.

The HE+DX Coil targets the direct expansion (DX) and variable refrigerant flow (VRF) HVAC markets for schools, retail, government facilities, residential dwellings and other applications requiring supplemental air conditioning capabilities from an ERV.

Unlike off-the-shelf coils, the HE+DX Coil's size and output are fully customizable based on the application's unique design parameters. Engineers or contractors can input geographical, environmental, and other project-related design requirements free online via RenewAire's proprietary AHRI 1060-certified selection software, CORES (configuration, order, report estimate/energy analysis, and submittal). RenewAire also provides capacity control data points to assist engineers and contractors with selection of a thermostatic expansion valve (TXV) and condenser for DX systems or a modulating valve for VRF systems. The factory-supplied HE+DX Coil itself is jobsite-installed in supply ductwork by contractors along with any required sheet metal transitions. All VRF Coils are sized according to the VRF system manufacturer's specifications.

The HE07 (166–694 CFM) and HE10 (250–1,100 CFM) equipped with the direct drive advanced ECM fan option, easily accommodate the additional static pressure of a DX coil; with an ESP capability of up to 3.0 in w.g.. An HE Series ERV with an HE+DX Coil provides reductions in both latent and sensible loads allowing downsizing of the main HVAC systems. When the HE+DX Coil is combined with RenewAire's premium control package and electric heating options, an HE07 or HE10 is transformed into a lower cost supplemental or stand-alone outdoor air system (DOAS) that's ideal for a classroom, healthcare office, and other smaller spaces requiring optimum IAQ.

The HE+DX Coil is available for use with R-32, R-454b and R-410a refrigerants in accordance with EPA phase-out schedules.

Other features of the HE+DX Coil are:

- Additional cooling provided by the HE+DX Coil makes downsizing of expensive air handling equipment possible, lowering initial system costs;
- Ideal for tighter spaces such as retail stores, classrooms, IAQ retrofit areas and other spaces that need quick in-space outdoor air induction when central air handling units are idle, and surpasses the International Energy Conservation Code (IECC) 1.2 CFM/watt minimum ERV efficacy requirement;
- Installation contractors provide the HE+DX Coil with their choice of a split-system style condenser or interface with VRF refrigeration circuits, and any needed sheet metal transitions.

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Winsupply Corpus Christi Midea Dealer Meeting

Winsupply Corpus Christi held their Midea Dealer Meeting at Sals' Bronx Pizza on Tuesday January 28th in Corpus Christi TX. The meeting had lunch, and several training sessions. That was followed by a dinner and awards ceremony.



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March 15, 2025 - Continuing Education Hurst

March 20, 2025 - TACCA Membership Orientation, Virtual Session

March 22, 2025- Continuing Education, Houston

March 25, 2025 - ACCA 2025 TEXAS Cool Crew Social, Round Rock

March 29-30, 2025 - ACR Licensed Prep Hurst



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HARDI

HARDI Distributors Report 14.2% Revenue Increase in December

Columbus, Ohio – Heating, Air-conditioning & Refrigeration Distributors International (HARDI) released its monthly TRENDS report, showing sales by HARDI distributors increased by 14.2% during December 2024.

The annual sales growth for the 12 months through December 2024 is an increase of 3.9%.



“14% sales growth during December was the best growth rate of the year, but there were some unusual factors behind that performance,” said HARDI Macroeconomic & Residential Market Analyst Brian Loftus. “Sales were off by almost 8% during December of 2023, so this year had a very easy comparison, and an extra selling day to compare to that soft prior year. We estimate the sales growth would have been 8.8% with the same number of billing days.”

The monthly sales survey also calculates distributor’s Days Sales Outstanding, a measure of how quickly customers pay their bills. “DSO ends the year near 38 days versus 43 days during the past couple of Decembers,” said Loftus. “The DSO is not indicating any signs of financial stress by the customers.”

“Another wrinkle in December’s results could have been the equipment changeover,” said Loftus. “Inventories in the channel swelled during the back-half of the year. The frothy sales this month allowed the sales-to-inventory ratio recovery to resume. It looks like the post-Covid industry normalization is back on track.”

HARDI members do not receive financial compensation in exchange for their monthly sales data and can discontinue their participation without prior notice or penalty. Participation is voluntary, and the depth of market coverage varies from region to region. An independent entity collects and compiles the data that can include products not directly associated with the HVACR industry.

Thermostat Recycling Corp. Sees Decline in Mercury Collections for 2024

Washington, D.C. -Thermostat Recycling Corp. (TRC) has announced a decrease in the amount of mercury collected from thermostats in 2024. The organization collected 531.1 pounds in 2024, marking a decrease of about 21.4% compared with the 676.8 pounds collected in 2023.

A total of 56,513 mercury-containing thermostat units were recycled in 2024, compared with 66,338 in 2023, a decrease of about 14.8%. Despite the decline, TRC continues to play a vital role in recovering mercury and reducing environmental hazards.

“Our continued success in recovering mercury highlights TRC’s unwavering commitment to environmental stewardship,” said Danielle Myers, Executive Director, TRC. “These lower collection figures highlight our decades-long efforts, along with our industry partners, to ensure that they continue to work steadfastly to remove mercury-containing thermostats from our environment.”

2024 Top Recycling Partners

TRC’s leading recycling partners, ranked by pounds of mercury recovered in 2024, include:

1. Johnstone Supply 92.4 pounds
2. R.E. Michel Co. 55.8 pounds
3. F.W. Webb 17.6 pounds
4. United Refrigeration 16.1 pounds
5. Lennox 15.1 pounds

2024 Top Recycling States

The top-performing states for mercury thermostat recycling were California with 52.5 pounds, Pennsylvania with 39.5 and Massachusetts with 35.6 pounds.

The manufacturing of mercury thermostats ceased 20 years ago. As mercury-containing thermostats become less prevalent due to regulatory changes and continued recycling efforts, TRC remains committed to its mission.

“While we anticipate that unit collections will decrease over time, the dedication of our partners and stakeholders ensures that we will continue to collect and properly dispose of mercury thermostats,” Myers said.



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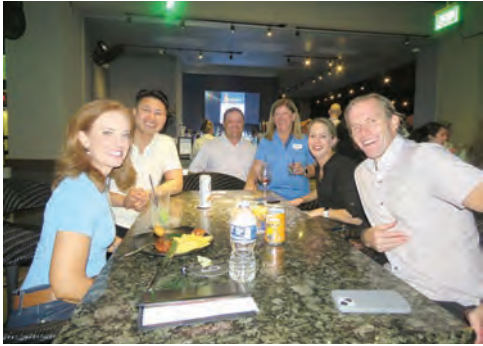
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Women in HVACR

Women in HVACR hosted a Meet and Greet at Topgolf in Orlando during the AHR Expo. The event was held Tuesday night and included golf, drinks and food.



RGF Environmental Contractor Appreciation Party

RGF Environmental hosted a contractor appreciation party at Topgolf Orlando during the AHR Expo. The event was held Monday night and included gift bags, golf, drinks and food.



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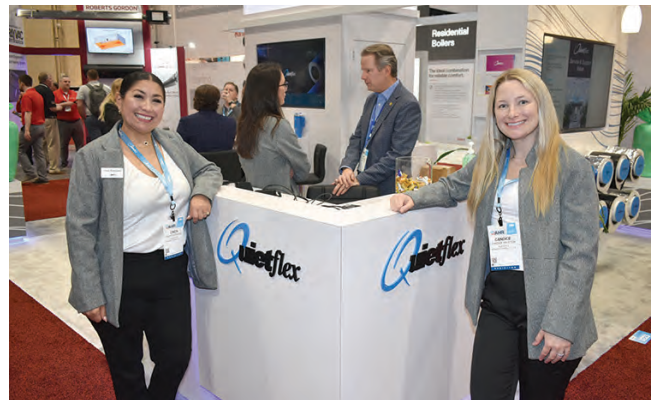
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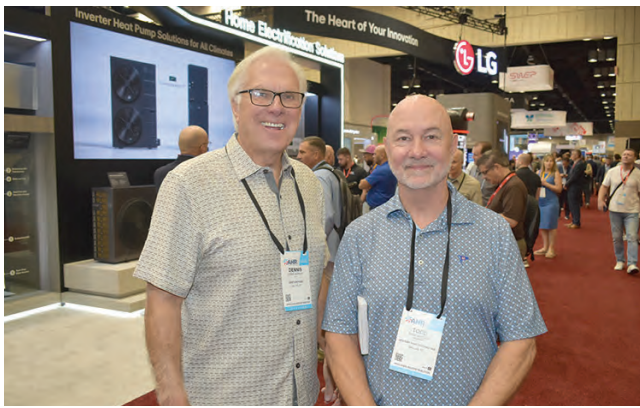
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AHR Expo 2025 Orland, Florida

The AHR Expo (International Air Conditioning, Heating, Refrigerating Exposition) was held February 10-12 in Orlando Florida.



AHR Expo 2025 Orland, Florida



License Revocations: June Through December 2024

Please file a complaint with TDLR alleging unlicensed practice if you have evidence that a person or business with a revoked license is continuing to advertise or perform services that require a license in Texas.

HOW TO FILE A COMPLAINT

You can file a complaint online for most TDLR programs at www.ga.tdlr.texas.gov:1443/form/Complaint.

Although TDLR accepts anonymous complaints, you must provide your name and contact information when you submit the complaint if you want to receive information about the status or progress of your complaint.

Please note that if your complaint does not allege a violation of the law or rules or does not include enough information for TDLR to investigate the allegations, TDLR will not open a complaint.

Read more about TDLR's Complaint and Resolution at www.tdlr.texas.gov/investigation.htm

First published by TDLR On The Level January 2025.

Name	Program	License Type
Adrio, Justin Glenn	ELC	Electrical Apprentice
Aguilar, Victor G JR	ACR	Registered AC Technician
Armendarez, Julio C	ELC	Electrical Apprentice
Armentano, David P	ELC	Electrical Apprentice
Arredondo, Henry III	ELC	Electrical Apprentice
Ayala, Joel	ELC	Electrical Apprentice
Carrasco, Marcus A	ACR	Registered AC Technician
Cerf, Tyrone D	ACR	Registered AC Technician
Day, Jerod Brent	ELC	Electrical Apprentice
Farrell, Randy A SR	ELC	Master Electrician
Frederick, Edward Albert	ELC	Journeyman Sign Electrician
Fritz, Ethan D	ELC	Electrical Apprentice
Hawkins, Joseph Dartagnana	ACR	Registered AC Technician
Herrera, Jeremy Joe	ELC	Electrical Apprentice

Name	Program	License Type
Jobe, Justin Dale	ACR	Air Conditioning Contractor
Juarez, Rogelio	ACR	Registered AC Technician
Klages, Daniel Scott	ELC	Journeyman Electrician
Lozano, William F	ACR	Registered AC Technician
Marroquin, Ronald	ELC	Electrical Apprentice
Matthews, Marquis D	ACR	Registered AC Technician
Mitchell, Harold D	ELC	Electrical Apprentice
Muraira, Roger JR	ELC	Journeyman Electrician
Peterson, Joseph SR	ELC	Electrical Apprentice
Rice, Antony Hunter	ELC	Electrical Apprentice
Stephens, Douglas G	ELC	Master Electrician
Torres, Humberto JR	ACR	Registered AC Technician
Valdez, Felipe JR	ELC	Electrical Apprentice

SMACNA Publishes New HVAC Duct Systems Inspection Guide

Chantilly, Va. — The Sheet Metal and Air Conditioning Contractors' National Association (SMACNA), the leader in promoting quality and excellence in the sheet metal and air conditioning industry, published the fourth edition of its HVAC Duct Systems Inspection Guide, which is available digitally and in print.

The manual contains guidelines for inspection of commercial HVAC duct systems for compliance with SMACNA/ANSI HVAC Duct Construction Standards, Metal and Flexible, (4th edition), Fibrous Glass Duct Construction Standard (8th edition) and Phenolic Duct Construction Standards (1st edition). It reviews materials and reinforcement of duct systems, as well as assembly and supports of ducts. The Fire, Smoke and Radiation Damper Guide (6th edition) also summarizes the installation, maintenance, and inspection of fire life safety dampers. The Grease Duct Construction Reinforcement Standards (1st edition) covers common construction and reinforcements for Type I grease ducts. Checklists are included for ductwork and fire dampers.

The updated 210-page standard was revised to provide contractors and facility owners with the information they need to apply effective and efficient solutions to their projects. The manual includes chapters on timing and risks related to inspection, as well as qualifications for inspectors, compliance, and quality control, among other topics.

All of SMACNA's standards manuals are available in print or PDF format via SMACNA's online bookstore.

For more information on SMACNA's industry-leading standards, visit www.smacna.org/resources/technical/technical-standards.





RETA-RSES Launches Online “End of Course” Exam Series, Course Training Bundles to Support HVACR Technician’s Career Growth

Schaumburg, IL. – Refrigeration Service Engineers Society (RSES) is excited to announce the launch of its original RSES-branded online exams series, now available for online completion. This new format of RSES end-of-course exams is designed to provide HVACR technicians with an accessible, flexible, and high-quality way to enhance their skills and earn NATE Continuing Education Hours (CEHs). Earning these course certificates from RSES may help enhance resumes and increase job performance, as it demonstrates growth in HVACR knowledge, and may help reduce workplace liability.

Both members and non-members are eligible to take these courses and exams from the comfort of their homes through the RSES Canvas eLearning platform. These courses and exams, which are available for purchase through the RSES online store at rses.org/store, offer technicians the opportunity to study at their own pace, and then take the final exam. After passing with a 70% or better, candidates will receive their score and a digital certificate that recognizes their achievement and earns CEHs.

“RSES is attempting to make continuing education and certificate achievements easier for the industry,” says Jim Barron, Executive Director of RETA-RSES. “Adding online courses that adhere to the training materials and their respective exams is one way we are able to do this. We are looking forward to generating more defined pathways for HVACR industry professionals in the near future.”

The online course and exam series covers a wide range

of technical subjects related to refrigeration, heating, electricity and controls. Each course earns a different amount of CEHs depending on the contents.

See below for the range of contents now offered in convenient online formats:

Refrigeration & Air Conditioning (R/AC) Courses & Exams:

- Principles of Refrigeration = 32 CEHs
- Compressors, Condensers, and Cooling Towers = 36 CEHs
- Evaporators and System Components = 38 CEHs
- Tools, Controls, and Troubleshooting = 42 CEHs
- Air Conditioning Principles = 37 CEHs
- Heat Transfer and Distribution = 32 CEHs
- Heating Exams: (courses coming soon)
- Heating Fundamentals = 36 CEHs
- Electric Heating = 36 CEHs
- Gas Heating = 32 CEHs
- Oil Heating = 36 CEHs
- Hot Water Heating = 38 CEHs
- Steam Heating = 38 CEHs

Electricity Heating Courses & Exams:

- Introduction to Electricity = 25 CEHs
- Electrical Components = 32 CEHs
- Basic Electronics = 40 CEHs
- Troubleshooting Components = 44 CEHs

- Troubleshooting Residential Equipment = 48 CEHs
- Electricity for the HVACR Technician = 42 CEHs

Controls Exams: (courses coming soon)

- Fundamentals of Controls = 30 CEHs
- Electromechanical Controls = 40 CEHs
- Pneumatic Controls = 40 CEHs
- Electronic Proportional Controls = 40 CEHs

RSES Technical Institute Courses and Exams:

- Training Manual 1 = 72 CEHs
- Training Manual 2 = 72 CEHs
- Training Manual 3 = 72 CEHs

Coming Soon:

- Heat Pump Training Course & Exam
- Controls Courses
- Heating Courses

Training courses are also available as printed or electronic books, providing an alternative way to learn the same material.

To learn more about the RSES online exam series and training course bundles, or to enhance their HVACR skills, students, contractors, technicians and facility managers should visit the RSES website at rses.org. For additional information or questions, please contact RSES at 847-297-6464 or email RSES at training@rses.org for more information.

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NEWS

ASHRAE, founded in 1894, is a global society advancing human well-being through sustainable technology for the built environment. The Society and its more than 56,000 members worldwide focus on building systems, energy efficiency, indoor air quality, refrigeration and sustainability. Through research, standards writing, publishing, certification and continuing education, ASHRAE shapes tomorrow's built environment today. More information can be found at www.ashrae.org/news.

ASHRAE Establishes \$1 Million Gordon Holness Presidential Fund to Support Chapter Project Globally

Atlanta—ASHRAE announced the establishment of The Gordon Holness Presidential Fund, designed to drive the successful implementation of chapter-led projects across the globe.

The fund, established through a generous \$1 million endowment, will provide \$50,000 annually in perpetuity to support the ASHRAE Presidential Challenge. This initiative encourages chapters to develop and execute innovative solutions to some of the industry's most pressing building challenges.

Gordon Holness, who served as ASHRAE President during the 2009-10 Society Year, joined 2024-25 ASHRAE President M. Dennis Knight, P.E., BEMP, Life Member ASHRAE, to officially announce the fund's creation during the 2024 ASHRAE Winter Conference.

"This fund will significantly empower our members to bring forward creative solutions that address critical building issues," said Knight. "We are profoundly grateful to Mr. Holness for his dedication and remarkable contribution to ASHRAE and the industry at large."

Holness' presidential theme, *Sustaining Our Future By Rebuilding Our Past: Energy Efficiency in Existing Buildings—Our Greatest Opportunity for a Sustainable Future*, underscored the substantial role that improving energy efficiency in existing structures plays in reducing energy demand.

The Gordon Holness Presidential Fund builds upon ASHRAE's previous support of chapter projects through the Young Engineers in ASHRAE (YEA) Decarbonization Challenge, launched by 2023-24 ASHRAE Presidential Member Ginger Scoggins, P.E. ASHRAE has allocated between \$50,000 and \$75,000 annually for project awards under this initiative.

The new fund will ensure ongoing support by awarding grants ranging from \$1,000 to \$10,000 to support project implementation.

for the 2025-26 slate of officers and directors.

Nominations for officers and directors were made by the ASHRAE Nominating Committee from a list recommended by individual members and from Chapters Regional Conferences.

The 2025-26 nominees are as follows:

President-Elect:

- Sarah Maston, PE, BCxP, LEED AP

Treasurer:

- Ashish Rakheja

Vice Presidents:

- Trent Hunt
- Andres Sepulveda

Directors and Regional Chairs:

- Heather Platt-Gulledge – Region IV
- Julia Timberman – Region V
- Maggie Moninski – Region VI
- Jason Alphonso – Region XII
- Ching Loon Ong – Region XIII
- Pankaj Dharkar – Region XV

Directors-at-Large:

- Steve Kujak
- Daniel Nall
- Michael Pouchak

Alternate Director-at-Large:

- Martin Dieryckx

ASHRAE members will vote on the nominees via electronic ballot in May. Bill McQuade, P.E., Fellow ASHRAE, LEED AP will serve as ASHRAE President for the 2025-26 Society Year.

For more information on the 2025-26 slate of officers and directors, visit ashrae.org/2025-2026slate.

ASHRAE Announces Nominees for 2025-26 Slate of Officers and Directors

Atlanta—ASHRAE is pleased to announce its nominees

SEE ASHRAE PG.B14

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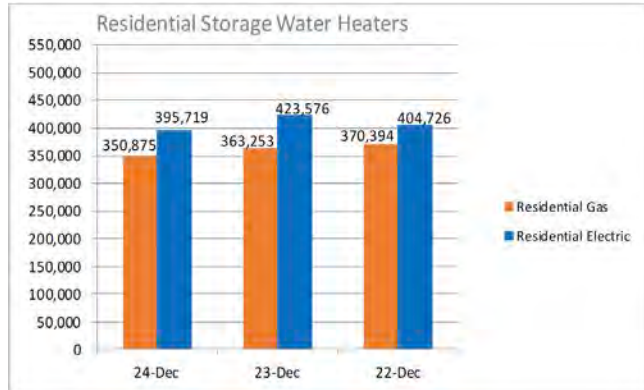
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AHRI Releases December 2024 U.S. Heating and Cooling Equipment Shipment Data

Residential Storage Water Heaters

U.S. shipments of residential gas storage water heaters for December 2024 changed -3.4 percent, to 350,875 units, compared to 363,253 units shipped in December 2023. Residential electric storage water heater shipments changed -6.6 percent in December 2024 to 395,719 units, compared to 423,576 units shipped in December 2023.

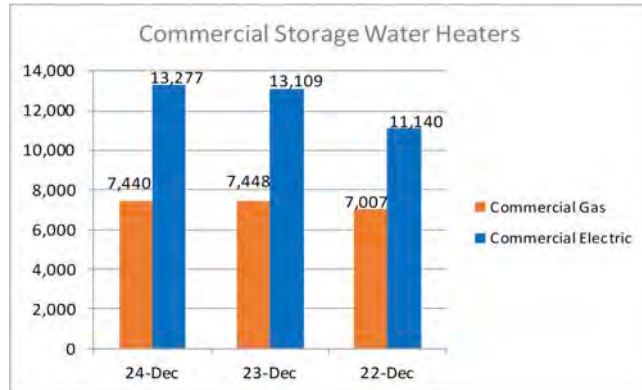


Year-to-date U.S. shipments of residential gas storage water heaters changed -2.7 percent, to 4,177,148, compared to 4,292,062 shipped during that same period in 2023. Residential electric storage water heater shipments changed +3.1 percent year-to-date, to 5,057,208 units, compared to 4,905,071 shipped during the same period in 2023.

Year-to-Date	Dec 24 YTD	Dec 23 YTD	% CHG. (From 2023-2024)	Dec 22 YTD
Residential Storage Gas	4,177,148	4,292,062	-2.7	4,131,205
Residential Storage Electric	5,057,208	4,905,071	+3.1	4,567,484

Commercial Storage Water Heaters

Commercial gas storage water heater shipments changed -0.1 percent in December 2024, to 7,440 units, compared to 7,448 units shipped in December 2023. Commercial electric storage water heater shipments changed +1.3 percent in December 2024, to 13,277, compared to 13,109 units shipped in December 2023.

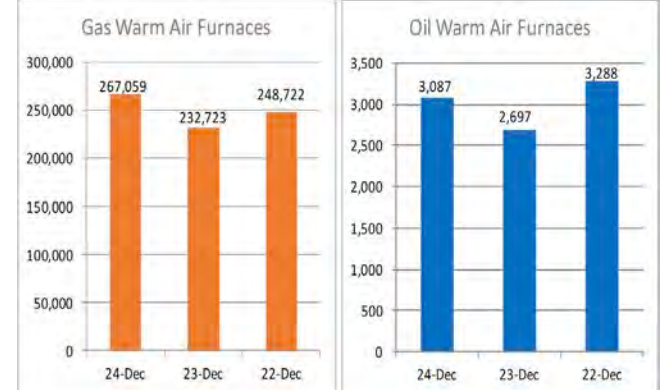


Year-to-date U.S. shipments of commercial gas storage water heaters changed -3.5 percent, to 84,117 units, compared to 87,201 units shipped during the same period in 2023. Year-to-date commercial electric storage water heater shipments changed +4.0 percent, to 153,592 units, compared to 147,659 units shipped during the same period in 2023.

Year-to-Date	Dec 24 YTD	Dec 23 YTD	% CHG. (From 2023-2024)	Dec 22 YTD
Commercial Storage Gas	84,117	87,201	-3.5	83,487
Commercial Storage Electric	153,592	147,659	+4.0	120,152

Warm Air Furnaces

U.S. shipments of gas warm air furnaces for December 2024 changed +14.8 percent, to 267,059 units, compared to 232,723 units shipped in December 2023. Oil warm air furnace shipments changed +14.5 percent, to 3,087 units in December 2024, compared to 2,697 units shipped in December 2023.

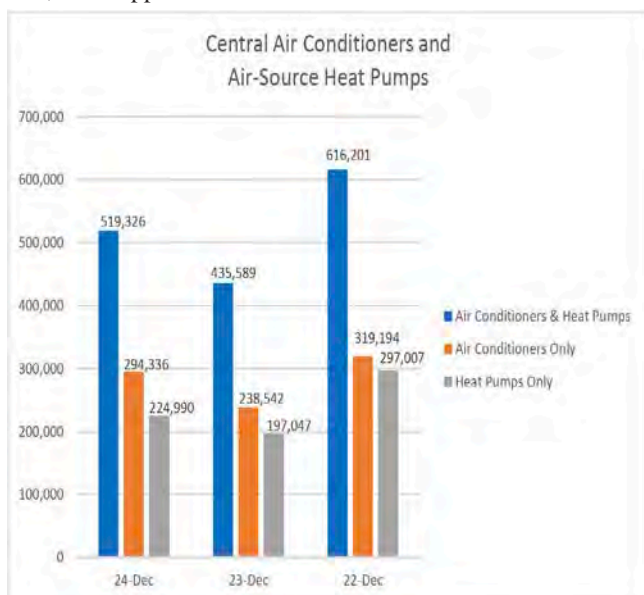


Year-to-date U.S. shipments of gas warm air furnaces changed +4.4 percent, to 3,120,677 units, compared to 2,989,516 units shipped during the same period in 2023. Year-to-date U.S. shipments of oil warm air furnaces changed +32.8 percent, to 30,036 units, compared to 22,619 units shipped during the same period in 2023.

Year-to-Date	Dec 24 YTD	Dec 23 YTD	% CHG. (From 2023-2024)	Dec 22 YTD
Gas Warm Air Furnaces	3,120,677	2,989,516	+4.4	3,872,368
Oil Warm Air Furnaces	30,036	22,619	+32.8	29,470

Central Air Conditioners and Air-Source Heat Pumps

U.S. shipments of central air conditioners and air-source heat pumps totaled 519,326 units in December 2024, changed +19.2 percent compared to 435,589 units shipped in December 2023. U.S. shipments of air conditioners changed +23.4 percent, to 294,336 units, compared to 238,542 units shipped in December 2023. U.S. shipments of air-source heat pumps changed +14.2 percent, to 224,990 units, compared to 197,047 shipped in December 2023.



Year-to-date combined shipments of central air conditioners and air-source heat pumps changed +11.8 percent, to 9,681,770, compared to 8,656,674 units shipped during the same period in 2023. Year-to-date shipments of central air conditioners changed +10.3 percent, to 5,559,766 units, compared to 5,040,042 units shipped during the same period in 2023. The year-to-date total for heat pump shipments changed +14.0 percent, to 4,122,004, compared to 3,616,632 units shipped during the same period in 2023.

Year-to-Date	Dec 24 YTD	Dec 23 YTD	% CHG. (From 2023-2024)	Dec 22 YTD
Air Conditioners & Heat Pumps Combined Total	9,681,770	8,656,674	+11.8	10,388,054
Air Conditioners Only	5,559,766	5,040,042	+10.3	6,053,575
Heat Pumps Only	4,122,004	3,616,632	+14.0	4,334,479

U.S. Manufacturers' Shipments of Central Air Conditioners and Air-Source Heat Pumps

Size Description (000) BTUH	Month			YTD		
	2024 Total	% Change from 2023	2022 Total	2024 Total	% Change from 2023	2022 Total
Under 16.5	26,633	+41.1	23,650	395,510	+21.0	431,298
16.5-21.9	70,260	+19.5	84,216	1,168,257	+12.2	1,087,140
22-26.9	114,938	+34.9	121,505	2,096,432	+24.2	2,081,058
27-32.9	71,574	+15.4	90,890	1,485,684	+15.0	1,579,556
33-38.9	90,890	+18.4	117,446	1,873,291	+10.4	2,164,957
39-43.9	32,602	+6.8	41,052	631,934	+5.6	756,074
44-53.9	49,978	+16.9	62,119	946,840	+0.2	1,123,720
54-64.9	41,004	+16.1	51,543	765,385	-0.3	881,728
65-96.9	7,365	-11.1	8,184	106,618	-2.7	99,476
97-134.9	6,073	-19.5	6,184	89,930	+4.6	78,446
135-184.9	3,742	-27.2	4,046	59,042	+10.7	49,396
185-249.9	1,641	-15.8	2,277	26,516	+26.1	23,190
250-319.9	1,468	+17.1	1,809	19,397	+22.2	17,704
320-379.9	316	+5.0	301	4,355	+19.2	3,415
380-539.9	286	-9.5	329	4,459	+20.7	3,763
540-639.9	212	-7.8	323	3,445	+17.9	3,093
640-799.9	108	-9.2	135	1,566	+25.2	1,252
800.0-899.9	37	-28.8	55	637	+8.1	619
900.0-999.9	70	+25.0	51	863	+27.5	781
1,000.0-1,199.9	46	+43.8	37	502	+22.4	417
1,200.0 & Over	83	-5.7	49	1,107	+6.4	971
TOTAL	519,326	+19.2	616,201	9,681,770	+11.8	10,388,054

Notes and FAQs

A shipment is defined as when a unit transfers ownership; a consignment is not a transfer of ownership. Industry data is aggregated from the information supplied by AHRI member companies that participate in the statistics program and can be subject to revision. Published year-to-date data is inclusive of all revisions. No other AHRI data (e.g., by state or region) is available to the public other than that published. AHRI does not conduct any market forecasting and is not qualified to discuss market trends. BTUHs of 64.9 and below are for residential units; 65.0 and above for commercial. For previous monthly shipment releases and historical data, please see <http://www.ahrinet.org/statistics>.

- How do my colleagues subscribe to the report?** Go to <http://www.ahrinet.org/statistics> and click on *Subscribe*.
- Does this data represent shipments to the United States only or are shipments outside of the United States included?** This data represents shipments to customers in the United States only.
- Do you provide U.S. data by state?** That data is not available publicly.
- Is historical data available in Excel?** It is available monthly reflecting exactly the data presented in the monthly public release.
- Is data available in a different format?** The only format available is provided on the website.
- Does the December YTD data equal full calendar year?** Yes, it does.
- Can I purchase additional industry data from AHRI?** No, AHRI statistical data is not for sale.
- Does AHRI provide information for academic research purposes?** AHRI is not authorized by our members to provide information other than what is listed on our website.
- How much of the industry does the data represent?** Although we cannot get into specifics about how much of the industry the data represents, in general, AHRI is one of the largest trade associations in the nation, representing more than 300 heating, water heating, ventilation, air conditioning and commercial refrigeration manufacturers within the global HVACR industry. AHRI's 300+ member companies account for more than 90 percent of the residential and commercial air conditioning, space heating, water heating, and commercial refrigeration equipment manufactured and sold in North America.
- Is it accurate to use the number for year-to-date U.S. shipments as a measure of sales?** AHRI reports track shipments, which are defined as when a unit transfers ownership. While some people use the terms shipments and sales interchangeably, they may not be the same.

ASHRAE con't

ASHRAE Recognizes Members' Exceptional Achievements at 2025 Winter Conference

Atlanta—ASHRAE recognized the remarkable contributions of its members to the Society and the built environment at the 2025 Winter Conference in Orlando.

A list of the awards and recipients from our region are below.

Fellow ASHRAE

Fellow ASHRAE is a membership grade that recognizes members who have attained distinction and made substantial contributions in HVAC&R and the built environment such as education, research, engineering design and consultation, publications, presentations and mentoring. The Society elevated 28 members to the grade of Fellow:

- Roy Crawford, Life Member ASHRAE, Executive Director of Advanced Technology, Johnson Controls, Norman, Okla.
- Kevin B. Mercer, P.E., Senior Principal Engineer, Rheem Manufacturing Company, Fort Smith, Ark.

Building EQ Competition

In the Building EQ Competition students had the opportunity to evaluate and audit building energy consumption for buildings in operation to give the building a Building EQ score using the ASHRAE Building EQ online tools. The winning team focused on Appelt Hall which is a residence hall on the Texas A&M University campus.

The first place student team is from Texas A&M University. Team members are Dhyan Dharmesh Patel, Adharsh Adepalli, Namrata Chandravadan Thakkar, Mrunal Sheetal Upadhya and Digvijaysinh Barad.

ASHRAE Hall of Fame

Raymond C. Thornton, Fellow Life Member ASHRAE (1923-2018) and William Firth Wells (1887-1963) were inducted into the ASHRAE Hall of Fame. The ASHRAE Hall of Fame honors deceased members of the Society who have made milestone contributions to the growth of ASHRAE-related technology or the development of ASHRAE as a society.

Capitol Clarity: HB 2110 from 2021

Last week, during TACCA's board meeting, a question regarding warranties was raised. This discussion ties back to House Bill 2110, which was enacted in 2021.

This is what it says in plain English:

If the purchaser of a residential HVAC system sells their house while the original manufacturer's warranty is still in effect, the warranty transfers to the new owner with the exact same terms as granted to the original purchaser, and the manufacturer has to honor the warranty.

This new law does not extend the term of the original warranty.

This is the actual bill language:

If residential real property that includes an air conditioning system as a fixture to the property is conveyed to a new owner, a manufacturer's warranty in effect on that system or a component of that system on the date of the conveyance is automatically transferred to the new owner and continues in effect as if the new owner was the original purchaser of the system or component, as applicable.

A warrantor (manufacturer) continues to be obligated under the terms of a manufacturer's warranty agreement for a warranty transferred under this section and may not charge a fee for the transfer of the warranty.

The transfer of a manufacturer's warranty under this section does not extend the original term of the warranty agreement.

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We are a non-profit trade association in the State of Oklahoma. We work to give our members the tools they need to succeed in the Air Conditioning, Heating, Refrigeration, Electrical and Plumbing Industries.

OK City Monthly Meeting

March 12, 2025 11:30 pm -1:00pm

Charleston's Restaurant, 2000 S Meridian Ave, Oklahoma City, OK 73108, USA

Tulsa Lunch Meeting

No Schedule

OUBCC Mtgs

March 18, 2025 1:30 pm - 2:30 pm

Heat Pump Mtg

March 27, 2025 6:00 pm - 7:00 pm

Please RSVP with your and Guests Names text 918-282-7864

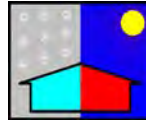
You do not have to be a member to attend our MEPO meetings
 If you would like to join MEPO the Association in Oklahoma that addresses Business Development, Codes and Licensing issues that effect your lively-hood
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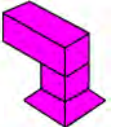
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