While AHRI members are enhancing quality of life, AHRI as an association supports them through advocacy, certification, standards, collaboration, and education. We hope this report demonstrates the value we deliver together.
AHRI accomplished many things in 2013, and we are very proud of the efforts of countless AHRI members who helped guide the industry throughout the year. Together, we submitted dozens of comments to regulatory agencies to help them set standards for the industry. We were effective in stopping several state bills that would have placed an undue burden on manufacturers, and we hosted a successful reception on Capitol Hill that attracted hundreds of Congressional staffers.

In addition, we collaborated with our partners to promote the industry and attract skilled, competent technicians to the workforce. We shared the many benefits of working in a field that offers good-paying jobs that cannot be exported, and the HVACR & Mechanical Conference was a useful forum for more than 150 teachers to learn about innovative industry instruction techniques. We continued to expand the reach of the newly-launched HVACR Workforce Development Foundation, which will raise awareness of the industry, attract new members to the workforce, and enhance the quality of the industry’s workforce.

We published ten new and revised standards, and 11 AHRI standards were approved by ANSI as American National Standards. But our most significant standards accomplishment was the accreditation by Standards Council of Canada to allow AHRI to develop national standards for Canada. This designation will allow AHRI to introduce standards directly into Canada and sets the stage for standards and certification harmonization in North America.

We announced new certification programs for unit coolers, variable frequency drives, and datacom cooling equipment, thanks to many hours of hard work by the relevant product sections and committees to develop standards and operations manuals for the programs.

These accomplishments, and many more, help our industry do what it does best — make life better for people everywhere. Our products make modern medicine possible, improve human health and well-being, enable delivery of fresh food around the globe, improve sanitation, and increase productivity at work and home. And while AHRI members are enhancing quality of life, AHRI as an association supports them through advocacy, certification, standards writing, collaboration, and education. We hope this report demonstrates the value we deliver together.
The story of our industry is told in the homes and businesses across this land and around the world. It is told in the hospitals that can store life-saving medicines at the right temperature because of commercial refrigeration technologies. It is told in the homes where families can enjoy fresh, wholesome foods year-round because of transport refrigeration technologies. It is told in the high-rise office buildings in the south, which in recent decades would not have been built if not for modern central air conditioning and ventilation systems. And it is found in northern homes where families luxuriate in radiant heat made possible by the latest boiler and piping technologies.
Across America, people are safer, healthier, more comfortable, and more productive — at less cost — than at any time in our nation’s history.

We as an industry are proud of what we do.
AHRI makes life better

AHRI members make modern medicine possible.
The 2013 AHRI Public Policy Symposium featured keynote speakers Krystal Ball and S.E. Cupp, co-hosts of MSNBC’s “The Cycle,” and discussion panels at the U.S. Chamber of Commerce. Attendees made visits to Congressional offices, and attended briefings with Congressional leaders in the Capitol Visitor Center.

At AHRI’s request, the Department of Energy announced in April that it will not enforce the non-weatherized gas furnace standards set to take effect on May 1, as long as the APGA-DOE settlement is pending in court.

AHRI and the American Council for an Energy-Efficient Economy hosted the annual Energy Efficiency Summit in Washington, D.C., during which AHRI member company representatives met with their counterparts in the environmental community to discuss ways to resolve issues of common concern.

AHRI chief technical advisor Frank Stanonik presented AHRI’s recommendations for a revised efficiency test procedure for residential water heaters at the American Council for an Energy Efficient Economy Hot Water Forum.

The California Energy Commission announced that the effective date of the 2013 Title 24 regulation has been postponed to July 1, 2014, a determination in line with a request from AHRI as it will allow manufacturers more time to comply with the economizer fault detection and diagnostics requirements of Title 24.

AHRI urged the Department of Energy to look more to the AHRI certification
program as a resource, and specifically to rely upon it as a way for the Department to more effectively focus its enforcement efforts, during a meeting with DOE legal staff and new Deputy General Counsel for Litigation and Enforcement, Anne Harkavy.

AHRI-submitted language to exempt member products from a curbside recycling program in New York City was accepted by the Department of Sanitation, which will save manufacturers from the cost of installing a new recovery system.

The Council of State Governments’ Suggested State Legislation (SSL) Committee voted unanimously to include AHRI’s model legislation on proper bonding and grounding of corrugated stainless steel tubing in next year’s SSL publication — an effective way to get legislation introduced in multiple states.

While Congressional gridlock made it impossible to move the bill forward, AHRI worked with its allies in 2013 on the Energy Savings and Industrial Competitiveness Act, sponsored by Senators Jeanne Shaheen (D-N.H.) and Rob Portman (R-Ohio). The bill includes an amendment that reduces the regulatory burden of unnecessary duplicative product testing while ensuring compliance to federal standards. It directs the Department of Energy (DOE) and the Environmental Protection Agency (EPA) to recognize voluntary industry certification programs like AHRI’s for air conditioning, furnace, boiler, heat pump, and water heating products.

In August, mascots from the Washington Wizards, Washington Capitals, and Georgetown Hoyas visited Capitol Hill to attend AHRI’s annual Congressional Reception in the Rayburn House Office Building Foyer. More than 200 Congressional staffers kicked off the August recess at a reception while learning more about the heating, ventilation, air conditioning, refrigeration,
The annual Congressional Reception is hosted by AHRI; the Air Conditioning Contractors of America (ACCA); the Heating, Air-Conditioning and Refrigeration Distributors International (HARDI); the Plumbing, Heating, and Cooling Contractors (PHCC); and North American Technician Excellence. Left to right: G-Wiz, Harry Holmes (AHRI Chairman), Jack the Bulldog, Stephen Yurek (AHRI President & CEO), Paul Stalknecht (ACCA President & CEO), Slapshot, Talbot Gee (HARDI Exec. Vice President & COO), John Lanier (NATE Chief Operations Officer), and Don Frendberg (Executive Director, HVACR Workforce Development Foundation) during the HVACR Industry Awareness Congressional Reception on Capitol Hill in August.

AHRI submitted 34 comments to the Department of Energy and other agencies in support of its manufacturer members in 2013.

AHRI has 3,790 followers on Twitter.
TOP: Krystal Ball and S.E. Cupp, co-hosts of MSNBC’s “The Cycle,” joined AHRI General Counsel and Senior Vice President Dave Calabrese for a lively political discussion during the Public Policy Symposium. ABOVE: Left to right — Senator Johnny Isakson (R-Ga.), AHRI President and CEO Stephen Yurek, Ed Purvis (Emerson Climate Technologies), and Harry Holmes (Morrison Products, Inc.), meet following Senator Isakson’s presentation during the Public Policy Symposium.

and water heating industry, and the more than one million jobs it creates and sustains in the United States.

During a September event in Dubai, United Arab Emirates, AHRI and the United Nations Environmental Programme’s (UNEP) — Regional Office for West Asia announced the launch of ARAMENA, an association of manufacturers of HVACR products and components in the Middle East and North Africa. ARAMENA is based in Dubai and will represent the industry in the region.

AHRI and 28 other coalitions and trade associations called for pro-growth, comprehensive tax reform in advance of the first meeting of the Budget Conference Committee on October 29, noting that such reform would create jobs and spur economic growth.

AHRI was successful in excluding HVACR products from a recycling and recovery bill under consideration in Hawaii.

More than 1,800 people subscribe to the AHRI Weekly Digest. The weekly e-newsletter enjoys a near-50 percent open rate.
In 2013, AHRI tracked and submitted comments on the following regulatory issues to the Department of Energy, Environmental Protection Agency, California Energy Commission, Federal Trade Commission, Ontario Ministry of Energy, and South Coast Air Quality Management District:

- RFI on test procedures for residential furnaces and boilers
- RFI on water heater efficiency test procedures
- Commercial and industrial pumps framework document
- Commercial and industrial fans and blowers framework document
- RFI on ULE energy conservation standards
- Test Procedures for Two-stage and Modulating Condensing Furnaces and Boilers (NOPR)
- Framework document for residential boiler energy conservation standards
- Framework document for packaged terminal equipment energy conservation standards
- Waiver process for thermal storage residential electric water heaters NOPR
- Residential furnace fans test procedure NOPR
- RFI on commercial warm air furnace energy conservation standards
- NOPR on test procedures for electric motors
- Residential Central Air Conditioners and Heat Pumps – Petition for Rulemaking
- Framework document for commercial packaged boiler energy conservation standards
- NOPR on energy conservation standards for Walk-in coolers and walk-in freezers
- Commercial refrigeration equipment energy conservation standards NOPR
- EDM NOPR
- DOE final rule including technical amendments prescribed by the AEMTCA
- NOPR on vented direct heating equipment and pool heaters
- Residential furnace fans energy conservation standards NOPR
- Commercial refrigeration equipment test procedure NOPR
- Revisions to water heater efficiency test procedures NOPR
- Proposed determination of coverage for hearth products
- Energy Star V5.0 ACs and HPs
- Title 20 – air filter labeling
- Title 20 – heat pump pool heaters
- Title 24 – economizer FDD requirements
- Comments on energy efficiency amendments proposed by Ontario Ministry of Energy
- Comments on FTC final rules issued in January and February 2013
- Comments on issues related to July 23, 2013, final rule for water heaters
- Version 3.0 residential boiler specification
- Safe Drinking Water Act FAQs
- Rule 1111
- Proposed amendments to Appliance Efficiency Regulations, Title 20
AHRI makes life better

AHRI members save lives. A study conducted by researchers at the Massachusetts Institute of Technology found that there were 80 percent fewer heat-related deaths in the United States between 1960 and 2004 than there were between 1900 and 1959 — a drop they directly attributed to the rise in the use of air conditioning.
AHRI followed more than 100 code change proposals during the 2013 International Code Council (ICC) Code Development Hearings in Dallas, Texas. All proposals submitted by ASHRAE and supported by AHRI aimed at harmonizing the International Energy Conservation Code with ASHRAE 90.1 were approved. Other proposals opposed by AHRI were defeated.

AHRI hosted more than 150 engineering and compliance committee meetings throughout 2013.

AHRI staff met with Cathy Feig, U.S. Standards Attaché for China, and with Everett Wakai, U.S. Standards Attaché for Brazil, to brief them on AHRI’s mission, membership, and global activities in standards, certification, and advocacy.

On January 28, AHRI received the ASHRAE Platinum Circle Investor Award for providing significant financial leadership to ASHRAE for industry research.

AHRI staff provided an overview to members of AHRI’s seismic qualification standard, ANSI/AHRI 1270 (I-P) — 2011 and ANSI/AHRI 1271 (SI), Requirements for Seismic Qualification of HVACR Equipment, and guidelines for its application.

AHRI hosts more than 200 Board, committee, and product section meetings each year.
New and Updated Standards


- Addendum 1 to AHRI Standard 700 – 2012, *Specification for Fluorocarbon Refrigerants*

- AHRI Standards 730 (I-P)-2013 and 731 (SI)-2013, *Flow Capacity Rating of Suction Line Filters and Suction Line Filter Driers*

- AHRI Standard 910-2013, *Performance Rating of Indoor Pool Dehumidifiers*


- ANSI/AHRI Standards 1200 (I-P)-2013 and 1201 (SI)-2013, *Performance Rating Of Commercial Refrigerated Display Merchandisers And Storage Cabinets*

- Addendum 1 to ANSI/AHRI Standards 1210 (I-P)-2011 and 1211 (SI)-2011, *Performance Rating Of Variable Frequency Drives*

- AHRI Standards 1270 (I-P)-2013 and 1271 (SI)-2013, *Requirements for Seismic Qualification of HVACR Equipment*

- AHRI Guidelines T (I-P)-2013 and T (SI)-2013, *Specifying the Thermal Performance of Cool Storage Equipment*

- ANSI/AHRI Standards 570 (I-P)-2012 and 571 (SI)-2012, *Performance Rating of Positive Displacement Carbon Dioxide Refrigerant Compressors and Compressor Units*
- ANSI/AHRI Standard 920-2012, *Performance Rating of DX-Dedicated Outdoor Air System Units*
- ANSI/AHRI Standards 1110 (I-P)-2013 and 1111 (SI)-2013, *Performance Rating of Mechanical Transport Refrigeration Units*
- Addendum 1 to ANSI/AHRI Standards 1210 (I-P)-2011 and 1211 (SI)-2011, *Performance Rating of Variable Frequency Drives*
- ANSI/AHRI Standards 1360 (I-P)-2013 and 1361 (SI)-2013, *Performance Rating of Computer and Data Processing Room Air Conditioners*
AHRI makes life better

AHRI members keep food from around the world fresh and available in grocery stores and restaurants.
The AHRI Directory of Certified Product Performance saw several improvements in 2013, including the addition of EnergyGuide labels for all basic models in several product categories, which helps AHRI members to comply with a final rule issued by the Federal Trade Commission (FTC); and upgrades in the search method for Variable Refrigerant Flow (VRF) Multi-Split Air Conditioning and Heat Pump Equipment product listings, which now allows for searches based on manufacturer, model number, product type, or certified ratings.

The Standards Council of Canada (SCC) conducted a successful full audit for re-accreditation of the AHRI certification programs, praising AHRI for the programs’ quality management system. No corrective actions were registered. SCC accreditation is required by National Resources Canada and benefits AHRI certification program.

Three New Certification Programs
AHRI continued to grow its globally recognized, industry respected certification program in 2013. In September, AHRI launched the Unit Coolers Certification Program. Products in the program are rated and tested in accordance with AHRI Standard 420, Performance Rating of Forced-Circulation Free-Delivery Unit Coolers for Refrigeration.

In November, the Variable Frequency Drives and Datacom Cooling Equipment Certification Programs were announced. The equipment in the Variable Frequency Drives Certification Program is rated and tested in accordance with ANSI/AHRI Standard 1210, Performance Rating of Variable Frequency Drives. Equipment in the Datacom Cooling Equipment program will be rated in accordance with AHRI Standard 1360, Performance Rating of Computer and Data Processing Room Air Conditioners.
participants that sell certified products across the northern border.

The Environmental Protection Agency (EPA) recognized AHRI as a certifying body for commercial water heaters in the ENERGY STAR program, allowing commercial water heater certification program participants to meet EPA ENERGY STAR certification and verification requirements without any additional testing.

AHRI submitted the annual data report for furnaces, boilers, and water heaters to the Federal Trade Commission on behalf of members.

To help certification program participants promote their AHRI Certified designation, AHRI developed an AHRI Certification Marketing Toolkit, which includes a variety of materials for members to use at trade shows and in other marketing endeavors.

A team of AHRI engineers traveled to Cortland, N.Y., to conduct an in-depth audit of the Intertek Cortland testing lab that handles the majority of AHRI’s certification testing. Each of the AHRI certification programs was audited against a variety of criteria, including data maintenance, laboratory staff training, familiarity with the program’s specific method of test, the AHRI General Operations Manual (OM), and the product-specific OM.

AHRI successfully reported all necessary data and information from its Automatic Commercial Ice Maker (ACIM) certification program to the Department of Energy to comply with the
agency’s annual filing requirements for certification reports — an added service to ACIM certification program participants.

AHRI’s Certification Programs and Policy Committee approved new and revised operations manuals for the following certification programs: Variable Frequency Drives, Energy Recovery Ventilators, Datacom Cooling Equipment, Residential Water Heaters, and Commercial Finned Tube Radiation.

More than 200 efficiency, operations, and facilities managers registered for a webinar, hosted by AHRI and Facility Maintenance Decisions, on AHRI’s certification program. AHRI certification engineer Rupert Alfiler and associate certification engineer Richie Mohan explained to webinar attendees the value of AHRI Certified products. Alfiler and senior certification engineer Laura Petrillo-Groh, gave a similar presentation at an Arlington, Va.-based engineering firm. (see below.)

There are 68 international licensees from 18 countries in the AHRI certification programs, with 43 others applying to enter the programs.
AHRI makes life better

From hot baths and showers to clean clothes and dishes, AHRI members improve quality of life for people around the globe.
A HRI staff and members actively participated in and sponsored ASHRAE Winter and Annual meetings, in Chicago and Denver, contributing to discussion and revision of many ASHRAE standards and guidelines.

Collaboration among AHRI members makes the industry more dynamic, innovative, and a force for good. Member company representatives spend countless hours each year writing standards; developing certification and research projects; identifying the association’s legislative priorities; and providing information and technical expertise to regulatory agencies.

AHRI staff regularly attend meetings of the Plumbing-Heating-Cooling Contractors Association, Air Conditioning Contractors of America, and Heating, Air-conditioning & Refrigeration Distributors International. These organizations also send a high level delegation to AHRI meetings each year.

The HVACR Workforce Development Foundation was founded by leading industry organizations to promote educational programs that attract committed and skilled employees to a career in HVACR. In 2013, the Foundation launched an interactive website, www.careersinhvacr.org, that includes a comprehensive listing of career and technical schools offering programs in HVACR.

With 1,951 exhibiting companies spanning 397,000 square feet of exhibit space, the 2013 AHR Expo, held in Dallas, was the largest AHR Expo ever held in the Western U.S. More than 51,000 people attended the show to view the current product and equipment offerings of America’s — and the world’s — leading HVACR and water heating manufacturers and service companies. The annual show is a joint program of AHRI, ASHRAE, and the International Exposition Company.

AHRI staff met with representatives from the Environmental Protection Agency (EPA) to discuss ways to improve manufacturer participation in the EPA’s ENERGY STAR program for central air conditioners and heat pumps.

Jim Walters, AHRI Vice President, International Affairs, attended the 2013 Big 5 Exhibition in Dubai, United Arab Emirates (UAE), and used the opportunity to meet with AHRI members, certification program participants, and UAE government officials. AHRI uses the event to promote its certification program.

AHRI exhibited with its global partner ABRAVA, the Brazilian HVACR association, at 2013 Greenbuilding Brasil, in Sao Paulo, during which AHRI staff gave a presentation on the first best practice in constructing new or retrofitted energy efficient buildings, which is to use HVACR equipment with

AHRI’s YouTube channel has had 6,662 views.
AHRI's Directory of Certified Product Performance receives more than 1.9 million page views each month.

AHRI jointly sponsored a booth with ASHRAE and the China Refrigeration and Air-conditioning Industry Association (CRAA) Certification Company to highlight the cooperation among the three organizations in the areas of standards and certification.

performance ratings that have been verified by a third-party, independent certification program, such as AHRI's.

At the invitation of the United Nations Environment Programme (UNEP), AHRI President and CEO Stephen Yurek participated in the Ozone2Climate Industry Roundtable on April 9, in Shanghai, China, and 15th European Conference on Refrigeration and Air Conditioning in Milan.

The Roundtable was sponsored by UNEP and the China Refrigeration and Air-Conditioning Industry Association (CRAA), and held in conjunction with the China Refrigeration and Heating Exhibition, at which AHRI exhibited. In his presentation, Yurek (photo above) emphasized that the objective when choosing refrigerants cannot only be low-GWP, but must also involve an evaluation of safety, energy efficiency, availability, and cost.
AHRI attended the 2013 ISH Trade Show, March 12-16 in Frankfurt, Germany. AHRI Chairman Harry Holmes, President and CEO Stephen Yurek, and Senior Certification Engineer Aykut Yilmaz, met with several AHRI members at the show to discuss boiler certification issues, and also met officials from Eurovent, the European Partnership for Energy and the Environment, and the European Ventilation Industry Association.

The AHRI Issues and Member Forums on LinkedIn allow AHRI members and other professionals in the HVACR and water heating industry to discuss important issues.

The International Council of Air-Conditioning, Refrigeration, and Heating Manufacturers Associations (ICARHMA), of which AHRI serves as secretariat, held its Annual Meeting in Rio de Janeiro, Brazil, hosted by Brazil’s HVACR association, ABRAVA. Members addressed issues concerning the proper and safe handling of refrigerants, a growing global regulatory environment that may inadvertently create non-tariff barriers to trade, and key points the industry must introduce into discussions with governments.
AHRI makes life better

AHRI members keep families warm and businesses productive throughout the year, even in cold climates.
The American National Standards Institute has approved 74 AHRI standards.

AHRI’s Chemicals and Refrigerant Reclamers and Mobile Refrigeration product sections published a white paper, *Reports of R-134a Contaminated with R-40 and Other Refrigerants*, to assist contractors and others in the industry in identifying and avoiding counterfeit refrigerants.

The 2012 edition of the AHRI HVACR & Water Heating Industry Statistical Profile includes 20 years of public data related to industry employment, manufacturing establishments, and construction.

The Clifford H. “Ted” Rees, Jr., Scholarship Foundation, a 501(c)(3) charitable foundation of AHRI, awarded $61,000 in scholarship funds to 36 students and instructors. The scholarship is awarded to students pursuing a career as a technician in the industry, and to instructors attending the HVACR & Mechanical Conference for Education Professionals, which is held each March and is sponsored by industry organizations.

Rees scholarship recipient Louis Alexander (*pictured right*), the first scholarship recipient under the new Veterans Program, attended the AHRI and Rees Scholarship Foundation Board Meetings on May 8, in Arlington, Va. During the meetings, he shared his plans to join the HVACR industry as a technician, and then as a small business owner.
AHRI’s Annual Meeting attracted more than 500 attendees.

Spring 2013 Rees Scholarship recipients Daniel Gretschmann (Blackhawk Technical College) and Eric Johnson (Ferris State University) were recognized at Johnson Controls’ 2013 Energy Efficiency Forum. David Myers, President of Building Efficiency at Johnson Controls and a member of the Rees Board of Directors, noted the importance of a strong and competent HVACR technician workforce in solving the energy efficiency equation and the value of programs like the Rees Scholarship Foundation in attracting and retaining skilled individuals to the industry. (see above).

In May, AHRI debuted a new logo and vision for the association, including the tagline: “We Make Life Better.” The new logo and tagline were introduced to complement AHRI’s mission to serve as an advocate of North American HVACR and water heater manufacturers, and as a global leader of the industry.

The new join.ahrinet.org website provides access to resources for new and prospective members of AHRI. On the site, users can access a full listing of member benefits, as well as information on how new members may take full advantage of membership in AHRI.
AHRI was invited to present a seminar on its certification program during Energy Korea 2013, hosted by the Korea Refrigeration & Air-Conditioning Assessment Center (KRAAC), an AHRI global partner, in Seoul, South Korea.
AHRI Honors Industry Leaders at Annual Meeting

AHRI honored several individuals and one company during its Annual Meeting at Amelia Island, Florida.

The Richard C. Schulze Award recognizes distinguished service and commitment to AHRI and the industry’s goals and objectives:

- **Gary Clark**
  Goodman Manufacturing

- **Dick Foster**
  Trolex Corporation

- **Jill Hootman**
  Trane

- **Gary Potter**
  Cambridge Engineering

- **Paul Sohler**
  Crown Boiler

- **Sue Walker**
  Empire Comfort Systems

- **Richard Wood**
  Carrier Corp.

The AHRI Public Service Award recognizes deserving individuals or organizations that have made a significant contribution to the HVACR industry and in furthering AHRI’s goals:

- **International Exposition Company (IEC)**
  accepted by IEC President Clay Stevens

The AHRI Distinguished Service Award, AHRI’s highest award, recognizes individuals who are leaders in the industry and who have made significant contributions to the industry throughout their careers:

- **Robert Wilkins**
  Danfoss

AHRI members William McQuade (Johnson Controls, Inc.), Sue Walker (Empire Comfort Systems, Inc.), and John Lau (Baltimore Aircoil Company) during the November 2013 Board of Directors meeting.
Clockwise from upper left:
AHRI Chairman Harry Holmes (Morrison Products, Inc.) and Incoming Chairman Robert McDonough (Carrier Corporation) during the November 2013 Board of Directors meeting; AHRI President and CEO Stephen Yurek, Keith Coursin, and Harry Milliken (President, Desert-Aire, Inc.), pose with one of the unique attractions at the Ritz-Carlton Amelia Island, during the 2013 Annual Meeting; More than 30 AHRI members, spouses, and staff awoke early on Sunday, November 17, to participate in AHRI’s first 5K Fun Run/Walk to benefit the Rees Scholarship Foundation; Harry Holmes, AHRI’s 2013 Chairman, and his wife Sandy, are recognized by AHRI and Incoming Chairman Robert McDonough during the 2013 Annual Meeting.
AHRI published two research reports in 2013:

- **AHRI 8006**: Low Global Warming Potential (GWP) Refrigerants, Phase II: Defining the Configurations of Residential Air Conditioning and Heat Pump Systems Using Hydrocarbons, Ammonia, Carbon Dioxide, and HFO-1234yf as Refrigerants and Meeting Previously Defined Safety Requirements; and

- **AHRTI 06030-02**: Novel Materials for Heat Exchangers, Phase II.

AHRI Manager of Research Xudong Wang reported on the AHRI Low-GWP Alternative Refrigerants Evaluation Program (Low-GWP AREP) during the 2013 ASHRAE Winter Meeting in Dallas.

More than 150 people attended the 2013 HVACR & Mechanical Conference for Education Professionals, March 11-13, in Colorado Springs, Colo. The conference included dozens of presentations from industry professionals intended to educate instructors on the latest trends in the HVACR industry, as well as innovative instruction techniques.

In May, AHRI hosted more than 300 members and guests at its 2013 Spring Meeting in Arlington, Va.

AHRI gave a presentation, *The First Best Practice: Using Third Party Equipment Certification to Ensure Energy Efficient Buildings*, at the CLIMA 2013 conference in Prague, Czech Republic. AHRI also held a workshop on the value of third party certification and the importance of specifying HVACR equipment from manufacturers that participate in AHRI’s globally recognized, industry respected certification program.

AHRI’s Ad Hoc Committee on Smart or Connected Equipment, formed in late 2011, completed a white paper on “smart” systems, which was distributed to AHRI product sections for consideration.
There were 2,096,725 visits to the AHRI Directory of Certified Product Performance in 2013. Utility companies and regulatory agencies alike depend on the AHRI Directory to identify products eligible for rebates and for compliance with minimum efficiency standards.
AHRI Member Visits
AHRI takes every opportunity to visit its member companies to learn about their products and operations, and the issues important to them.

AHRI members allow for people all over the world to experience a customizable, comfortable environment.
**APRIL**
- Trane in La Crosse, Wisc.

**MAY**
- Mexichem in St. Gabriel, La.
- Luvata in Grenada, Miss.
- Novaire in Baton Rouge, La.
- Honeywell in Morristown, N.J.
- ZoneFirst/Trolex Corporation in Elmsford, N.Y.
- Zehnder Rittling and Roberts Gordon in Buffalo, N.Y.
- Kold-Draft in Erie, Pa.

**JUNE**
- Hussman Institute in Bridgeton, Mo.

**JULY**
- Mestek, Inc. in Westfield, Mass.
- Bosch Thermotechnology in London, N.H.
- Fenwal in Ashland, Mass.
- The Whalen Company in Easton, Md.
- HTP Inc. in East Freetown, Mass.

**AUGUST**
- Structural Concepts; Bradford White; and Tecumseh Products in Michigan.
- Built Right Pool Heaters, Earthlinked Technologies, and Aquacal in Florida

**SEPTEMBER**
- C. Cowles Co. and Eemax in Connecticut
- Vaughn Thermal in Massachusetts
- LAARS Heating Systems in New Hampshire

**OCTOBER**
- Emerson Network Power in Columbus, Ohio
- Fujitsu General America in Fairfield, N.J.
- Bock Water Heaters in Madison, Wis.

**NOVEMBER**
- Krueger and LJ Wing in Dallas, Texas

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The AHR Expo in Dallas attracted more than 50,000 visitors.
Financial Data

**Revenue**
- Certification Program and Testing Fees: $11,804,200
- Membership Dues: $6,385,800
- Exposition: $2,525,300
- Investment Income: $689,400
- Education and Publications: $296,400
- Meetings: $560,900
- Special Projects: $499,100
- Other: $92,400

**Expenses**
- Certification: $11,459,000
- Policy: $2,797,700
- Standards and Statistics: $2,824,800
- Public Affairs, Education, and Member Meetings: $2,433,700
- Administration and Membership: $2,609,100
- Research: $473,500
- Standards and Statistics: $2,824,800
- Certification: $11,459,000
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VICE CHAIRMAN
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Eric Roberts, CES Group
Bill Steel, Bard Manufacturing Company, Inc.
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David Swift, Goodman Manufacturing Company, LP
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Terrence Mullen, Bock Water Heaters
Robert Muser, Hydrolevel Company

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Gerald Darnis, Carrier Corporation
Thomas Huntington, WaterFurnace International, Inc.
Michael Morgan, American Zettler, Inc.
C. David Myers, Johnson Controls, Inc.
William Rafferty, Mestek, Inc.
Robert Wilkins, Danfoss
Stephen Yurek, AHRI
2013 AHRI Member Companies

A.O. Smith Corporation
A-Gas RemTec
Aaon, Inc.
ABB, Inc.
Adams Manufacturing
Advanced Distributor Products
AERCO International, Inc.
Aerofin Division of Air & Liquid Systems Corporation
AeroSys, Inc.
Air System Components
Airgas Refrigerants, Inc.
AIRotor, LLC
Airexchange, Inc.
Ajax Boiler, Inc.
Alfa Laval, Inc.
Allied Air Enterprises
Allied Engineering Company
Allstyle Coil Company, LP
American Geothermal, Inc.
American Water Heater Company
American Zettler, Inc.
Ametek Precision Motion Control
Amtrol, Inc.
Anthony International
APCOM, A Division of Stad Ind.
API Heat Transfer
Applied Comfort Products, Inc.
APV North America
Heat Transfer
AquaCal, Inc.
AquaPRO Systems
ARaymond Tinnerman Industrial
Arkema
Armstrong International, Inc.
Armstrong Pumps, Inc.
Arzel Zoning Technology, Inc.
Aspen Manufacturing, Inc.
Bacharach, Inc.
Backer EHP, Inc.
Bally Refrigerated Boxes, Inc.
Baltimore Aircoil Company
Bard Manufacturing Company, Inc.
Beckett Gas, Inc.
Bekaert Combustion Technology USA
Bitzer U.S., Inc.
Bock Water Heaters
Bosch Thermotechnology Corporation
Boyertown Furnace
Bradford White Corporation
Brass-Craft Manufacturing Company
Bristol Compressors International, Inc.
Built Right Pool Heaters, LLC
Burnham Commercial Cast Iron, a Subsidiary of Burnham Holdings
Calentadores de America SA de CV
CALMAC Manufacturing Corp.
Cambridge Engineering, Inc.
Camus Hydronics Limited
Carlin Combustion Technology, Inc.
Carnes Company, Inc.
Carrier Corporation
Cash Acme
Century Corporation
Cerro Flow Products, Inc.
CES Group, LLC
Cleaver-Brooks, Inc.
Cleveland Controls
ClimaCool Corp
ClimateCraft, Inc.
ClimateMaster, Inc.
Coilmaster Corp.
Combustion Research Corporation
Conbraco Industries, Inc.
Continental Refrigerator
CoorsTek Igniter Products
Copreci S. Coop
CPI Engineering, Inc.
Craig Industries
Crown Boiler Company, a Subsidiary of Burnham Holdings
Daikin Industries (Daikin AC, Inc. and Daikin Applied)
Danfoss
Data Aire, Inc.
DDR Americas, Inc.
Dectron, Inc.
Delta T Solutions
Desert Aire Corp.
Detroit Radiant Products Co.
Dexen Industries, Inc.
DiversiTech Corporation
dPoint Technologies, Inc.
Doucette Industries, Inc.
Dunham-Bush, Inc.
Duro Dyne Corp.
eAir, LLC
E.I. du Pont de Nemours & Co.
Earth to Air Systems, LLC
EarthLinked Technologies, Inc.
ebm-papst, Inc.
EcoSmart US, LLC
ECR International, Inc.
Eemax, Inc.
Emerson Climate Technologies
Empire Comfort Systems, Inc.
Enertech Manufacturing, LLC
EVAPOCO, Inc.
EW Controls
FAFCO Thermal Storage Systems, Inc.
Fasco Industries, Inc.
Federal Industries
Fenwal Controls
FHP Manufacturing Company
Field Controls, LLC
Fiorentini USA
Friedrich Air Conditioning Co.
Fujitsu General America
Fulton Heating Solutions
G & F Manufacturing
GE Appliances and Lighting
GEA PHE Systems North America, Inc.
GD Midea Air-Conditioning Equipment Co. Ltd
GD Midea Heating & Ventilating Equipment Co. Ltd.
General Filters, Inc.
Goodman Manufacturing Company, LP
Granby Furnaces
Grand Hall USA
Gree Electric Appliances, Inc.
Greenheck Fan Corporation
Grundfos Pumps Corporation
GSW Water Heating
Guntner U.S., LLC
Haier America
Halton Group Americas
Harsco Industrial, Patterson-Kelley
Hart & Cooley, Inc.
Haydon Corporation
Hays Fluid Controls
Hayward Industries, Inc.
Heat Pipe Technology, Inc.
Heat Transfer Products Group
Heatco, Inc.
Heatcraft Worldwide Refrigeration, LLC
Hillphoenix
Honeywell International, Inc.
Hose Master, LLC
Hoshizaki America, Inc.
HTP, Inc.
Hudson Technologies, Inc.
Hussmann Corporation
Hydrolevel Company
IBC Technologies, Inc.
Ice Energy
IMI Cornelius, Inc.
Imperial
Imperial Manufacturing
Industrias Rheem
Infrared Dynamics
INNERGY TECH, Inc.
IntelliChoice Energy
International
Environmental Corp.
Invensys Controls
ITV Ice Makers SA
ITW Sexton
Jackson Systems, LLC
Johnson Controls, Inc.
Karl Dungs, Inc.
KD Navien American
KeepRite Refrigeration
Keltech, Inc.
Killion Industries
Klingenburg GmbH
Kold-Draft International, LLC
Kraton Polymers
Laars Heating Systems
Company
Lennox International, Inc.
LG Electronics U.S.A., Inc.
Lochinvar, LLC
Lohinvar, LLC
Louisville Tin & Stove
Company, Inc.
Luvata Franklin, Inc.
Luvata Grenada, LLC
M&G DuraVent, Inc.
M&G DuraVent, Inc.
Magic Aire
Magontec
Manchester Tank
Manitowoc Ice, Inc.
Manitowoc Walk-Ins
Marvair Division,
AIRXCEL, Inc.
Master-Bilt
Maxitrol Company
McCormack Coil Co., Inc.
Mechanovent Corporation
Mestek, Inc.
Metal Industries, Inc.
Metal-Fab, Inc.
Mexichem Fluor, Inc.
MicroMetl Corporation
Midco International, Inc.
Mile High Equipment, LLC
Mitsubishi Electric US, Inc.
MJC Supply
Modine Manufacturing
Company
Monessen Hearth
Systems, Inc.
Morrison Products, Inc.
Mortex Products, Inc.
Mueller Industries, Inc.
MultiAqua, Inc.
Multistack, LLC
Munters Corporation
Nailor Industries, Inc.
National Coil Company
National Comfort Products
National Refrigerants, Inc.
National Refrigeration
Products
NY Thermal, Inc.
New Yorker Boiler
Company, Inc., a Subsidiary
of Burnham Holdings
Nidec Motor Corporation
NORDYNE
Noritz America Corporation
Nortec Humidity, Inc.
NovelAire Technologies
OmegaFlex, Inc.
Packless Industries, Inc.
Panasonic Corporation
of North America
Parker-Hannifin Corporation
Patterson Pump Company
PB Heat, LLC
Pentair Aquatic Systems
Piper Products, Inc.
Polar Technology, LLC
Polidoro USA, Inc.
Potter Electric Signal
Company
Price Industries
ProCom Heating, Inc.
Pro-Flex, LLC
PVI Industries, LLC
Radar Wire Company
RAE Corporation
Rasmussen Iron Works, Inc.
Raypak
RenewAire, LLC
Research Products Corporation
Revcor, Inc.
Rheem Sales Company
Riello Corporation of America
Rinnai America Corporation
Ritchie Engineering Co., Inc.
Roberts-Gordon, LLC
Royal Service Air-Conditioning
RUSKIN Roofing Systems, Inc.
Samsung Electronics Co. Ltd
Schneider Electric
Schneider Electric IT
Corporation
Schwank USA, Inc.
Scotsman Ice Systems
SEISCO International
Limited, Inc.
SEMCO, LLC
SG America, Inc.
Sherwood Valve, LLC
SIT Controls USA, Inc.
Skuttle Manufacturing
Company
Slant/Fin Corp.
Smartch Chiller Group, Inc.
SNTech, Inc.
Solarflor Corporation
Southern Store Fixtures, Inc.
SPX Cooling Technologies,
Inc.
Structural Concepts
Corporation
Superior Make Aircon
Refrigeration Tech Sdn.
Bhd. (Smartech)
Superior Radiant
Products Ltd.
Swecon
SWEP North America, Inc.
Systemair
Taco, Inc.
Tecumseh Products Company
Temspec, Inc.
Testo, Inc.
Thermal Solutions Products,
LLC, a Subsidiary of
Burnham Holdings
Thermo King Corporation
Thermo Pride, a Subsidiary
of Burnham Holdings
Thomas & Betts/Reznor
Titeflex Corporation
Trane
Tranter PHE, Inc.
Triangle Tube/Phase III
Trolex Corporation
Trox USA, Inc.
Turbotec Products, Inc.
TWA Panel Systems, Inc.
Unico Systems, Inc.
United CoolAir Corp.
Universal Enterprises, Inc.
(UEI)
US Boiler Company, Inc.,
a subsidiary of Burnham
Holdings
Usines GIANT Factories, Inc.
Vaughn Thermal Corp
Venmar CES, Inc.
Ventrol Air Handling
Systems, Inc.
Vieussmann Manufacturing
Company (US), Inc.
War Manufacturing, LLC
Warren Technology
WaterFurnace
International, Inc.
Watts Regulator Company
Wayne Combustion
Systems
Well-McLain
The Whalen Company
Williams Furnace Co.
Wilo USA, LLC
Wolf Steel Ltd
Wolven Tube, Inc.
Worgas, Inc.
Worthington Cylinders
Xylem, Inc., Applied
Water Systems
Zehnder Ritting
Zero Zone, Inc.
Z-Flex (US), Inc.
Zhejiang Value Mechanical
& Electrical Products
Zodiac Pool Systems, Inc.
One of the main priorities of my chairmanship is to continue our emphasis on advocacy. We simply must continue — and accelerate — our interaction with governments at all levels to ensure that our voices are heard, that our expertise is respected, and that our industry’s best interests are met.

We work to promote our association through a variety of means. Whether it is a simple one-on-one meeting with a legislator or staff member in Washington during which we explain the benefits of our certification program, or a 300-person-strong reception on Capitol Hill, we get our name out there and we promote what’s best about our industry every day.

During the Annual Meeting in November, I issued a challenge to AHRI members to share our story with policy makers by hosting plant tours and meeting with them in a variety of settings. The easiest way to show the value and impact of our industry is to introduce our businesses, our products, and our employees to those who govern our nation.

Advocating for our industry’s positions and promoting our positive messages are essential priorities for our association and as chairman I will devote myself to these activities. Our individual companies are focused, as they should be, on promoting their own products and priorities. One of the reasons we belong to an association is so that we can — together — tell the industry’s story and promote initiatives that benefit the industry and consumers as a whole.

We have a good story to tell. Together, we manufacture the most innovative, most efficient, highest quality products and systems in the world. Our products push the boundaries of innovation for energy efficiency and environmental technologies. In 2012, 44 percent of U.S. commercial construction was green building — made possible in part through the tremendous product advancements by this industry. Many of us voluntarily participate in AHRI’s private-sector, third party certification program to demonstrate that our performance ratings are accurate. We proudly showcase our success with a powerful blue and white AHRI Certified sticker that is our industry’s symbol of performance. It is a remarkable and robust process.

Working together with our industry partners and others, we can promote our industry and all that we do to make life better for people here in the United States and around the world. It is a mission we are proud to continue.
Advocating for the Industry

The Air- Conditioning, Heating, and Refrigeration Institute (AHRI) is the trade association representing manufacturers of heating, ventilation, air conditioning, commercial refrigeration, and water heating equipment and components for sale in North America and around the world.

AHRI is committed to ensuring human comfort, productivity, and safety, while practicing environmental stewardship.

Through our certification program, standards, advocacy, and other activities, we strive to help save energy, improve comfort and productivity, and ensure a better environment.