In 2011, AHRI had the honor of receiving the Super Nova of Energy Efficiency Award from the Alliance to Save Energy in recognition of its efforts in forging consensus agreements that promote energy efficiency.
We worked to expand our globally recognized, industry respected certification program in the United States, Canada, Mexico, India, China, the Middle East, Europe, and Brazil, while implementing our newly developed Certification Marketing Plan, designed to better educate people at home and abroad about the importance of certified products as a building block of sustainability.

Finally, as part of our effort to educate members of Congress about our industry and the state of American manufacturing, AHRI and several of our sister associations co-sponsored an industry awareness event and reception on Capitol Hill in August that drew more than 300 Congressional staff to mingle with representatives from our member companies.

These activities and many more, detailed in the following pages, are a good indication of the successful year AHRI and our industry had in 2011. We look forward to an even better 2012.

While we made progress this year, our industry — and U.S. manufacturing in general — is still recovering from the recent recession. There are, however, positive signs that things are returning to normal. So we are hopeful that the progress we made in 2011, which you will read about in these pages, will be a building block to an even stronger recovery in 2012.

Several years ago, AHRI adopted a policy of being proactive by working with energy efficiency advocates to reach consensus agreements on new and updated federal efficiency standards. Those efforts have culminated in nine separate consensus agreements, the largest of which was adopted this year by the Department of Energy (DOE). In a Direct Final Rule based on our agreement, DOE set efficiency standards for the first time on a regional basis for residential furnaces, heat pumps, and central air conditioners. While the rule was, by itself, a clear victory for manufacturers, we also had the honor of being selected to receive the Super Nova of Energy Efficiency Award from the Alliance to Save Energy in recognition of our efforts in forging consensus agreements that promote energy efficiency.

In 2011, we launched our 37th certification program — this one for variable refrigerant flow (VRF) equipment, established a new product section (for data center cooling), and developed or revised 30 standards. We also continued our efforts to prepare for the eventual phase-down of the use of high global warming potential (GWP) hydrofluorocarbon (HFC) refrigerants by developing the Low-Global Warming Potential Alternative Refrigerant Evaluation Program (Low-GWP AREP), a research program intended to identify the next generation of refrigerants.

Several years ago, AHRI adopted a policy of being proactive by working with energy efficiency advocates to reach consensus agreements on new and updated federal efficiency standards. Those efforts have culminated in nine separate consensus agreements, the largest of which was adopted this year by the Department of Energy (DOE). In a Direct Final Rule based on our agreement, DOE set efficiency standards for the first time on a regional basis for residential furnaces, heat pumps, and central air conditioners. While the rule was, by itself, a clear victory for manufacturers, we also had the honor of being selected to receive the Super Nova of Energy Efficiency Award from the Alliance to Save Energy in recognition of our efforts in forging consensus agreements that promote energy efficiency.

In 2011, we launched our 37th certification program — this one for variable refrigerant flow (VRF) equipment, established a new product section (for data center cooling), and developed or revised 30 standards. We also continued our efforts to prepare for the eventual phase-down of the use of high global warming potential (GWP) hydrofluorocarbon (HFC) refrigerants by developing the Low-Global Warming Potential Alternative Refrigerant Evaluation Program (Low-GWP AREP), a research program intended to identify the next generation of refrigerants.

Stephen Yurek
President & CEO

Morrison Carter
2011 Chairman of the Board

Morrison Carter
2011 Chairman of the Board
Manufacturers worldwide
turn to AHRI for the latest
information, including
innovative standards,
unrivaled statistical data,
and pre-competitive
research initiatives.

Jim Walters, Vice President, International Affairs, (left) with Eng. Mohammed Badri, Acting Director General for Emirates Authority for Standardization and Metrology (UAE) at the Big 5 International Building & Construction Show in Dubai.
AHRI implemented its online electronic statistical reporting system, STARS, which provides a library of historical reports while maintaining confidentiality.

AHRI relaunched www.PhaseOutFacts.org, a website aimed at keeping industry professionals and equipment owners informed on the phase out of ozone depleting refrigerants.

Throughout the year, AHRI provided members with operations in Mexico, Central and South America, the Middle East, and Asia who are facing increased global regulation, with timely notice of proposed Minimum Energy Performance Standards and labeling requirements for cooling and heating products. AHRI works continually to promote the value of industry comment on these issues and proposals, helping manufacturers abroad educate foreign regulators on the value of AHRI’s certification program in achieving national energy efficiency goals.


In an effort to provide more timely information to all members, AHRI began publishing its e-newsletter, *AHRI Update*, each week.

AHRI launched an industry-wide cooperative research program, the *Low-Global Warming Potential Alternative Refrigerants Evaluation Program (Low-GWP AREP)*, in response to environmental concerns raised by
AHRI worked with the Heating, Refrigeration and Air Conditioning Institute of Canada, and Natural Resources Canada, or NRCan, to communicate the value of full harmonization of U.S. and Canadian standards.

After feedback from users in the consumer, manufacturer, and contractor communities, AHRI created a new website that is easier to navigate, that is more visually appealing, and that requires fewer clicks to find information.

AHRI worked closely with the trade press to keep industry aware of the most important issues affecting the HVACR industry. Consumers learned about the value of AHRI member products through many outlets, including HGTV’s Holmes on Homes, CNN Money, Consumer Reports, and USA Today.

AHRI published 24 revised standards and guidelines, and six new standards, in 2011, including Standard 1270 (I-P), Requirements for Seismic Qualification of HVACR Equipment, which will aid AHRI members in complying with the International Building Code. Additional new standards include 1210 (I-P), 1211 (SI), 1271 (SI), 1320 (I-P), and 1321 (SI).

AHRI developed and implemented a certification marketing plan, which includes strategic recommendations based on a careful analysis of the programs, competition, market, and customers, to help certification participants promote their AHRI Certified products.

The use of high GWP refrigerants. This program will help industry select the most promising refrigerants, understand technical challenges, and identify the research needed to use these refrigerants.

AHRI members Rich Kessler of Mestek (left) and Pat Quilty of Honeywell take in a baseball game at Target Field after an AHRI Communications Committee meeting in August.
We are proud that our industry is one of the very few U.S. industries that enjoys an over $2 billion positive balance of trade. We build equipment here in North America and export it to nations around the world.

— Stephen Yurek, AHRI President & CEO
*Christian Science Monitor, March 10, 2011*
AHRI is a leader in environmental stewardship, administering a globally recognized and industry respected certification program that verifies equipment ratings.

AHRI staff participate in a Lean Audit at AHRI Headquarters in Arlington, Va.
In 2011

AHRI demonstrated its leadership in a changing marketplace when it launched its 37th certification program in September for Variable Refrigerant Flow Multi-Split Air-Conditioners and Heat Pumps.

The AHRI Board of Directors in November approved the formation of a new product section for Datacom Cooling.

AHRI contributed feature articles to industry publications throughout the year, promoting the value of AHRI Certified equipment.

All 37 product-specific Operations Manuals for AHRI’s certification programs were updated to implement new requirements and guidelines. AHRI staff also completed a major rewrite of the General Operations Manual that will help participants understand and meet the program rules.

The Standards Council of Canada accredited AHRI’s certification program for conformity with ISO 65, the internationally accepted quality standard for organizations managing certification programs.

A lean audit was conducted by Duggan Associates to help AHRI streamline its certification administration process, resulting in process improvements and a significant reduction in program application time — a benefit to AHRI certification program participants.

The U.S. Environmental Protection Agency (EPA) recognized AHRI as a Certification Body for ENERGY STAR products, providing participants an efficient and cost effective way to meet new EPA requirements.

AHRI continues to partner with ASHRAE chapters abroad, including the Falcon Chapter in Dubai, UAE, to address regulations and the role of third-party certification in sustainability.
The California Energy Commission (CEC) announced in August that it will use the AHRI Directory of Certified Product Performance to determine compliance with Title 20 for mini split central air conditioner and heat pump systems with dual-, multi-, or variable-speed compressors, meaning that inclusion of these systems in the AHRI Directory is considered equivalent to the Commission’s Appliance Efficiency Database. This development is in addition to the AHRI Directory serving as the vehicle for submitting energy efficiency data on behalf of manufacturers to the Department of Energy, the Federal Trade Commission, the Environmental Protection Agency, and National Resources Canada.
AHRI brings

the industry together

to educate Congress,

state legislatures,

and the public

on the value of HVACR

and water heating

equipment.

Members of AHRI’s Executive Committee meet with Sen. Tom Coburn (R-OK), center, in his Capitol Hill Office.
In 2011

The Alliance to Save Energy awarded AHRI with the prestigious Super Nova of Energy Efficiency award in recognition of the work by AHRI members and staff in negotiating a consensus agreement that for the first time established regional efficiency standards for furnaces, heat pumps, and central air conditioners.

AHRI worked, and continues to work, with several Members of Congress to promote legislation that would establish the importance of third-party certification programs and encourage the government to rely upon them.

AHRI collaborated with the European Partnership for Energy and the European Commission delegating market surveillance of residential air conditioning to member-states, thus removing the adoption of a pan-European market surveillance system.

In October, the Department of Energy issued a Direct Final Rule establishing regional energy efficiency standards for certain products, the culmination of a two-year effort among AHRI and its members, other industry and advocacy groups, and the California Energy Commission, to save energy and improve the environment. The regional energy conservation standards will save consumers close to $15 billion in energy costs by 2045 and will provide the industry with greater certainty in the marketplace.

As part of AHRI’s renewed commitment to communication and collaboration with its industry allies, it partnered with the Heating, Air-conditioning & Refrigeration Distributors International (HARDI), the Air Conditioning Contractors of America (ACCA), the Plumbing, Heating, Cooling Contractors Association (PHCC), and North American Technician Excellence (NATE), to host the first-ever HVACR Industry Awareness Event on Capitol Hill. More than 300 attendees from Congressional offices mingled with AHRI members at a reception following a productive lobby day, during which AHRI member companies met with their Members of Congress.

Karen Meyers of Rheem confers with Paul Doppel of Mitsubishi during the Industry Lobby Day on Capitol Hill.
Top: The highlight of the Industry Awareness Day on Capitol Hill in August was an innovative cake depicting many AHRI members’ products. The cake was baked by Carlo’s Bake Shop of Hoboken, New Jersey, made famous on TLC’s Cake Boss.

Above: Following a day of Congressional lobbying, Kevin Doyle and Viktor Anderson of Structural Concepts Corp., talk with Stephen Yurek, AHRI President & CEO, at the evening reception.
AHRI worked diligently on Capitol Hill throughout the year to extend, enhance, and modify the federal tax credit for highly efficient residential and commercial HVACR and water heating equipment.

AHRI’s state advocacy team tracked more than 60 bills on energy efficiency, climate change, tax incentives, greenhouse gas emissions, and equipment safety.

AHRI President & CEO Stephen Yurek testified in March before the Senate Energy and Natural Resources Committee in support of the

*Implementation of National Consensus Appliance Agreements Act of 2011*, which would enact into law AHRI’s negotiated consensus agreements on air conditioning, furnace, and heat pump products, in addition to those on commercial refrigeration products, heat pump pool heaters, small duct high velocity air conditioning systems, and new test procedure requirements for water heaters.

An AHRI-sponsored amendment of California Senate Bill 454 passed into law in 2011, ensuring that delays in updates to the California Energy Commission database of HVACR products do not result in penalties for compliant manufacturers.

AHRI worked closely with its product sections to develop comments on code change proposals to California’s energy code, Title 24.
There’s an exciting career progression available. You can grow and do other things. These jobs can never be outsourced — every building has an HVACR system in it, and technicians need to be in that house or in that building.

— Stephen Yurek, AHRI President & CEO

Chicago Tribune, February 17, 2011
In 2011

The Clifford H. “Ted” Rees, Jr., Scholarship Foundation, a 501(c)(3) charitable foundation, awarded 12 students with $16,500 in scholarship funds in 2011 in support of their education in the heating, ventilation, air conditioning, refrigeration, and water heating trades. The Foundation, which has awarded nearly $175,000 in scholarships to 97 deserving students since 2003, also launched a new website, www.reesscholarship.org, to make it easier for students to apply and for supporters to donate.

AHRI met with the Department of Energy (DOE) and submitted a letter seeking an immediate and public stay in the effective date of a rule that would require certain commercial product manufacturers to incur substantial testing and reporting costs in order to certify that their products meet federal minimum standards. At AHRI’s request, DOE extended the implementation date by 18 months, to January 1, 2013, to clarify several provisions of concern to AHRI.

AHRI worked with its sister association, the Heating, Refrigeration and Air Conditioning Institute of Canada, to develop a stewardship plan in response to British Columbia’s requirement for manufacturers to take extended producer responsibility for the life cycle management of their products. The plan was filed with the British Columbia Ministry of Environment and received positive feedback at a workshop hosted by the Ministry in December.

AHRI called for more agency coordination in comments filed with the National Institute of Standards and Technology on a report evaluating the effectiveness of federal agency participation in standardization in select industry sectors.

By working closely with the Rebuilding America Coalition, AHRI worked to reform the commercial buildings section of the tax code to enhance taxpayers’ opportunity to earn deductions for building retrofits to achieve energy efficiency.

AHRI filed comments to help eliminate or reduce unnecessary divergences in regulations that impede U.S. imports from the European Union.
AHRI Sr. Vice President Henry Hwong (left) and AHRI President & CEO Stephen Yurek discuss issues with an attendee at the China Refrigeration and Heating Exposition in Shanghai.

As Secretariat for ICARHMA, which includes associations from Brazil, Australia, China, the European Union, Canada, Japan, Korea, and India, AHRI was a leader in developing a coordinated, global industry message on informed refrigerant choice and responsible use.

In 2011

AHRI participated in the ACREX Exhibition in Delhi, India, February 24-26, and met with the Bureau of Energy Efficiency, the Indian National Horticulture Board, the Indian Society of Heating Refrigerating and Air Conditioning Engineers, the Refrigeration and Air-Conditioning Manufacturers Association of India, and Intertek, to discuss a variety of issues related to certification programs.

AHRI staff traveled to Shanghai for the China Refrigeration and Heating Exposition, April 7-9, and met with the China Refrigeration and Air-Conditioning Industry Association (CRAA), AHRI’s exclusive certification agent in China, and certification participants.

Zhang Xiuping of Hefei (right) and AHRI President & CEO Stephen Yurek extended an agreement for testing water-cooled chillers at General Machinery Product Inspection Institute of Hefei during the AHR Expo in Las Vegas.
AHRI exhibited at the 17th biennial FEBRAVA, the International Refrigeration, Air Conditioning, Ventilation, Heating and Air Treatment Trade Show, in São Paulo, Brazil, September 20-23.

The trade show was accompanied by a technical congress, CONBRAVA, during which AHRI Vice President of Certification Bill Tritsis presented on the value of third-party certification programs.

AHRI’s continued efforts with the European compressor association, ASERCOM, and the China Refrigeration and Air-Conditioning Industry Association resulted in a harmonized tri-national standard for CO₂ compressors in the U.S., Europe, and China.


Right to left: AHRI Manager of International Affairs Shelley Pursell with ABRAVA President Samoel Vieira de Souza and his family, during FEBRAVA, the International Refrigeration, Air Conditioning, Ventilation, Heating and Air Treatment Trade Show, in São Paulo, Brazil.
Heating and cooling is the single biggest energy consumer in a home, and accounts for about 40 percent of all the energy used by homeowners. That’s why taking steps to ensure the unit is running as efficiently as possible can help offset cooling costs this summer.

— Stephen Yurek, AHRI President & CEO

*Examiner, April 4, 2011*
AHRI participated in the 10th Annual Greenbuild International Conference & Expo in Toronto, Canada, October 4-7, to promote AHRI’s certification programs and standards as a key to meeting sustainability goals, and to discuss cooperative efforts for certified HVACR and water heating equipment in commercial buildings with the Executive Director of Brazil’s Green Building Council.

AHRI staff provided information on its certification programs at the China Refrigeration and Air-Conditioning Industry Association’s Annual Certification Meeting.

At the invitation of the Asia Pacific Economic Cooperation (APEC) and the U.S. Department of Commerce, AHRI staff presented on the role of third-party certification in green claims at the first-ever joint APEC-Association of Southeast Asian Nations (ASEAN) green building conference in Singapore.

AHRI Manager of Regulatory Policy Aniruddh Roy (left) and AHRI Vice President, International Affairs Jim Walters (second from right) meet with staff of Unico Systems at the Greenbuild Expo in Toronto.
AHRI

Events

throughout

2011.
AHRI Chairman Morrison Carter (left) confers with ACCA President & CEO Paul Stalknecht at AHRI’s 2011 Public Policy Symposium.


Curt Beaulieu (left), Tax Counsel, Senate Committee on Finance; and Derek Dorn (right), Staff Director, Senate Finance Subcommittee on Energy, Natural Resources, and Infrastructure, speak about tax policy at the AHRI 2011 Public Policy Symposium.
Top: AHRI Chairman Morrison Carter (left) meets with an AHRI member at the 2011 AHR Expo in Las Vegas.

Bottom: AHRI President & CEO Stephen Yurek meets with a member at the AHR Expo.

Top: AHRI Chairman Morrison Carter addresses attendees at the Innovation Awards ceremony at the AHR Expo in Las Vegas.

Bottom: Past GAMA Chairman Bill Rafferty (left) meets with AHRI Chairman Morrison Carter at the Expo.
AHRI’s Board of Directors meets during AHRI’s Spring Meeting in Arlington, Va.

Far left: Karim Amrane, AHRI Vice President of Research, leads a panel discussion with Ashley Armstrong, Department of Energy.

Left: Plumbing, Heating, Cooling Contractors Association President Gerry Kennedy addresses AHRI’s Board during the Spring Meeting.

Above: National Association of Manufacturers President & CEO Jay Timmons addresses AHRI’s Board during the Spring Meeting.

Right to left: AHRI General Counsel Joe Mattingly and AHRI President & CEO Stephen Yurek share a laugh with magician Rick Wilcox and his wife after the magic show that followed the Spring Meeting Board dinner.
Annual Meeting • Bonita Springs, Florida

William Walter of Carrier presents on ASHRAE Standard 34 during the Cooling Session at the Annual Meeting.

Jason Dorsey, the Gen Y Guy, signs books after his presentation.

Above: Meeting attendees take advantage of the Naples Segway Tour during the AHRI Annual Meeting in Bonita Springs, Florida.

Bottom left: 2011 AHRI Chairman Morrison Carter and AHRI President & CEO Stephen Yurek present Richard J. “Dick” Schul (center) of Emerson Climate Technologies with the AHRI Distinguished Service Award.
2012 AHRI Chairman Ajita Rajendra addresses meeting attendees.

AHRI members take to the courts for a friendly round robin tennis social.

Jeff Littleton, Executive Vice President of ASHRAE, and Dick Foster of ZoneFirst, pose for a photo between meetings at the Hyatt Regency Coconut Point Resort.

Kyle Gilley of Lennox, AHRI Vice President of Regulatory and Research Karim Amrane, Vice President of Certification Bill Tritsis, and Senior Vice President of Public Policy David Calabrese mingle during the Chairman’s Dinner Dance.

2012 AHRI Chairman Ajita Rajendra addresses meeting attendees.
AHRI has more than 300 members worldwide.
More than 1,300 people subscribe to the AHRI Weekly Digest. The weekly e-newsletter enjoys a near-50 percent open rate.

AHRI.net.org averages more than 30,000 visits per month.

AHRI’s Directory of Certified Product Performance receives nearly 1.5 million page views each month.

AHRI has more than 1,200 followers on Twitter.

AHRI oversaw more than 3,000 tests at independent third-party laboratories as part of its world-class certification program.

The AHR Expo in Las Vegas was the largest in the Western United States, attracting more than 54,000 visitors.

AHRI published 24 revised standards and guidelines, and six new standards, in 2011.

There are 68 international licensees from 18 countries in the AHRI certification programs, with 43 others applying to enter the programs.
2011 Financial Data

Revenue

- Certification Program and Testing Fees: $11,498,000
- Certification, Standards, and Statistics: $12,145,000
- Membership Dues: $6,265,000
- Other: $97,000
- Special Projects: $299,000
- Meetings: $515,000
- Education and Publications: $543,000
- Investment Income: $601,000
- Exposition: $2,328,000

Expenses

- Certification, Standards, and Statistics: $12,145,000
- Policy: $2,614,000
- Public Affairs and Member Meetings: $2,350,000
- Research: $382,000
- Administration and Membership: $2,155,000

Additional categories not listed in the image.
Executive Committee

Officers

CHAIRMAN OF THE BOARD
Morrison Carter
Beckett Gas, Inc.

VICE CHAIRMAN
Ajita Rajendra
A.O. Smith Water Products Company

TREASURER
Harry Holmes
Morrison Products, Inc.

IMMEDIATE PAST CHAIRMAN
Ray Hoglund
Hill PHOENIX, Dover Engineered Systems

Advisory Members

Keith Counsin
Desert Aire Corporation

Gerald Damis
Carrier Corporation

Daniel Holmes
Morrison Products, Inc.

Thomas Huntington
WaterFurnace International, Inc.

Michael Morgan
American Zettler, Inc.

Albert Morrison
Burnham Holdings, Inc.

C. David Myers
Johnson Controls, Inc.

Patrick Quilty
Honeywell International, Inc.

William Rafferty
Mestek, Inc.

Robert Wilkins
Danfoss

Directors at-Large

Keith Counsin
Desert Aire Corporation

Christopher Drew
Burnham Holdings, Inc.

Steven Duerwachter
Baltimore Aircoil Company

Daniel Ellis
ClimateMaster, Inc.

Thomas Healy
Parker-Hannifin Corporation

Robert McDonough
Carrier Corporation

John Murphy
Johnson Controls, Inc.

Earle Pfefferkorn
Cleaver-Brooks, Inc.

Ed Purvis
Emerson Climate Technologies

David Swift
Goodman Manufacturing Company, LP

Product Section Chairs

Robert McDonough
Carrier Corporation

John Murphy
Johnson Controls, Inc.

Chris Nelson
Carrier Corporation

Christopher Peel
Rheem Manufacturing Company

Earle Pfefferkorn
Cleaver-Brooks, Inc.

Ed Purvis
Emerson Climate Technologies

Eric Roberts
Mammoth, Inc.

Richard Schul
Emerson Climate Technologies

William Steel
Bard Manufacturing Company, Inc.

David Swift
Goodman Manufacturing Company, LP

Didier Teirlinck
Trane (Ingersoll-Rand Company)

William Vallet
Lochinvar Corporation

Doug Young
Lennox International, Inc.

Robert Adair
M&G DuraVent, Inc.

Timothy Barton
General Filters, Inc.

David Burks
Worthington Cylinders

Robert Chopko
Carrier Transicold

Ruth Ann Davis
Williams Furnace Company

David Knight
ClimateMaster, Inc.

Drake Erbe
Airxchange, Inc.

Kyle Gilley
Lennox International, Inc.

Aron Herzon
NORDYNE

Frank Horne
Gas-Fired Products, Inc.

Mark Jackson
Lennox International, Inc.

David John
Metal Industries, Inc.

Gary Kaiser
Alfa Laval, Inc.

Jonathan Kane
Universal Enterprises, Inc. (UEI)

Jay Kindle
RAE Corporation

Bill Klettis
Carrier Combustion Technology, Inc.

Larry Koskela
Maxitrol Company

Eric Lannes
Bradford White Corporation

Kysor/Warren

Richard Lord
Carrier Corporation

Mark MacCracken
Calmac Manufacturing Corporation

Stephen Martin
Duro Dyne Corporation

William Mudge
Danfoss

Peter Nareau
Bitzer U.S., Inc.

David Peterson
Envromaster International, LLC

William Rafferty
Mestek, Inc.

William Root
Laars Heating Systems Company

Anne Schuegger
Morrison Products, Inc.

Shajee Siddiqui
Zodiac Pool Systems, Inc.

Richard Showers
Manitowoc Ice, Inc.

David Street
Thomson & Betts Corporation

Steve Thompson
Wilo USA, LLC

Robert Torbin
OmegaFlex, Inc.

Sue Walker
Empire Comfort Systems, Inc.

Alexander Ward
McQuay International

Steve Williams
Research Products Corporation

Frank Wilson
Parker-Hannifin Corporation

Dave Winningham
Allied Air Enterprises
2011 AHRI Member Companies

A.O. Smith Water Products Company
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.
Allroto, LLC
Airwell Fedders North America, Inc.
Airxchange, Inc.
Ajax Boiler, Inc.
Alfa Laval, Inc.
Allied Air Enterprises
Allied Engineering Company
Allstyle Coil Company, LP
Amana Company, LP
AmbiRad Limited
American Honda Motor Company, Home Energy Group
American Water Heater Company
American Zettler, Inc.
Amtral, Inc.
Anthony International
APCOM, A Division of State Ind.
API Heat Transfer
APV North America Heat Transfer
AquaCal, Inc.
AquaPRO Systems
Arkema, Inc.
Armstrong International, Inc.
Armstrong Pumps, Inc.
Arzel Zoning Technology, Inc.
Aspen Manufacturing, LLC
Bacharach, Inc.
Backer EHP, Inc.
Bally Refrigerated Boxes, Inc.
Baltimore Aircoil Company
Bard Manufacturing Company, Inc.
Beckett Gas, Inc.
Bekaert Combustion Technology USA
Benchmark Manufacturing, Inc.
Bitzer U.S., Inc.
Bock Water Heaters
Bosch Thermo-technology Corporation
Boyertown Furnace
Bradford White Corporation
Brass-Craft Manufacturing Company
Bristol Compressors International, Inc.
Built Right Pool Heaters, LLC
Burnham Commercial, 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.
ChangeAir Products & Services LTD
Cleaver-Brooks, Inc.
Cleveland Controls
ClimaCool Corp
ClimateCraft, Inc.
ClimateMaster, Inc.
Coilmaster Corp.
Combustion Research Corporation
Conbraco Industries, Inc.
Continental Appliances, Inc.
Continental Refrigerator
CoorsTek
Copreci S. Coop
CPI Engineering, Inc.
Craig Industries
Crown Boiler Company, a Subsidiary of Burnham Holdings
CSC Worldwide
Daikin AC (Americas), Inc.
Daikin Industries
Danfoss
Danfoss Turbocor, Inc.
DDR Americas, Inc.
Dectron, Inc.
Desert Aire Corp.
Detroit Radiant Products Co.
Dexen Industries, Inc.
DiversiTech Corporation
Doucette Industries, Inc.
dPoint Technologies, Inc.
Dunham-Bush, Inc.
Duro Dyne Corp.
E.I. du Pont de Nemours & Co.
eAir, LLC
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.
Energy Tech, LLC
Enertech Global, LLC
EVAPCO, Inc.
EWC Controls
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
Gas-Fired Products, Inc.
GD Midea Heating & Ventilating Equipment Co. Ltd.
GE Appliances & Lighting
GEA PHE Systems North America, Inc.
General Filters, Inc.
Goodman Manufacturing Company, LP
Granby Furnaces
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, LLC
Heatco, Inc.
Heatcraft Worldwide Refrigeration, LLC
Hill PHOENIX
Honeywell International, Inc.
Hose Master, LLC.
Hoshizaki America, Inc.
HTP, Inc.
Hudson Technologies, Inc.
Hussmann Corporation
Hydrolevel Company
Ice Energy
IMI Cornelius, Inc.
Imperial
Infrared Dynamics
INNERGY TECH, Inc.
IntelliChoice Energy
<table>
<thead>
<tr>
<th>Company Name</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>International Environmental Corp.</td>
<td></td>
</tr>
<tr>
<td>Invenys Controls</td>
<td></td>
</tr>
<tr>
<td>ITV Ice Makers SA</td>
<td></td>
</tr>
<tr>
<td>Jackson Systems, LLC</td>
<td></td>
</tr>
<tr>
<td>Johnson Controls, Inc.</td>
<td></td>
</tr>
<tr>
<td>Karl Dungs, Inc.</td>
<td></td>
</tr>
<tr>
<td>KDIndustries, Inc.</td>
<td></td>
</tr>
<tr>
<td>KeepRite Refrigeration</td>
<td></td>
</tr>
<tr>
<td>Keltech, Inc.</td>
<td></td>
</tr>
<tr>
<td>Killion Industries</td>
<td></td>
</tr>
<tr>
<td>Klingenburg GmbH</td>
<td></td>
</tr>
<tr>
<td>Kysor/Warren</td>
<td></td>
</tr>
<tr>
<td>Laars Heating Systems Company</td>
<td></td>
</tr>
<tr>
<td>Lennox International, Inc.</td>
<td></td>
</tr>
<tr>
<td>LG Electronics U.S.A., Inc.</td>
<td></td>
</tr>
<tr>
<td>Lochinvar Corporation</td>
<td></td>
</tr>
<tr>
<td>Louisville Tin &amp; Stove Company, Inc.</td>
<td></td>
</tr>
<tr>
<td>LRC Coil Co.</td>
<td></td>
</tr>
<tr>
<td>Luvata Franklin, Inc.</td>
<td></td>
</tr>
<tr>
<td>Luvata Grenada, LLC</td>
<td></td>
</tr>
<tr>
<td>M&amp;G Duravent, Inc.</td>
<td></td>
</tr>
<tr>
<td>Magic Aire</td>
<td></td>
</tr>
<tr>
<td>Mammoth, Inc.</td>
<td></td>
</tr>
<tr>
<td>Manchester Tank</td>
<td></td>
</tr>
<tr>
<td>Manitowoc Ice, Inc.</td>
<td></td>
</tr>
<tr>
<td>Manitowoc Walk-Ins</td>
<td></td>
</tr>
<tr>
<td>Marvair Division, AIRXCEL, Inc.</td>
<td></td>
</tr>
<tr>
<td>Master-Bilt</td>
<td></td>
</tr>
<tr>
<td>Masterstrol Company</td>
<td></td>
</tr>
<tr>
<td>McCormack Coil Co., Inc.</td>
<td></td>
</tr>
<tr>
<td>McQuay International</td>
<td></td>
</tr>
<tr>
<td>Mechaanvent Corporation</td>
<td></td>
</tr>
<tr>
<td>Mestek, Inc.</td>
<td></td>
</tr>
<tr>
<td>Metal Industries, Inc.</td>
<td></td>
</tr>
<tr>
<td>Metal-Fab, Inc.</td>
<td></td>
</tr>
<tr>
<td>Mexichem Fluor, Inc.</td>
<td></td>
</tr>
<tr>
<td>MicroMetl Corporation</td>
<td></td>
</tr>
<tr>
<td>Midco International, Inc.</td>
<td></td>
</tr>
<tr>
<td>Mile High Equipment, LLC</td>
<td></td>
</tr>
<tr>
<td>Mitsubishi Electric &amp; Electronics USA, Inc.</td>
<td></td>
</tr>
<tr>
<td>MJC Supply, LLC</td>
<td></td>
</tr>
<tr>
<td>Modine Manufacturing Company</td>
<td></td>
</tr>
<tr>
<td>Monessen Hearth Systems, Inc.</td>
<td></td>
</tr>
<tr>
<td>Monitor Products, Inc.</td>
<td></td>
</tr>
<tr>
<td>Morrison Products, Inc.</td>
<td></td>
</tr>
<tr>
<td>Mueller Industries, Inc.</td>
<td></td>
</tr>
<tr>
<td>Multiqua, Inc.</td>
<td></td>
</tr>
<tr>
<td>Multistack, LLC</td>
<td></td>
</tr>
<tr>
<td>Munters Corporation</td>
<td></td>
</tr>
<tr>
<td>Nailor Industries, Inc.</td>
<td></td>
</tr>
<tr>
<td>National Coil Company</td>
<td></td>
</tr>
<tr>
<td>National Comfort Products</td>
<td></td>
</tr>
<tr>
<td>National Refrigerants, Inc.</td>
<td></td>
</tr>
<tr>
<td>National Refrigeration Products</td>
<td></td>
</tr>
<tr>
<td>Navien America, Inc.</td>
<td></td>
</tr>
<tr>
<td>New Yorker Boiler Company, Inc., a Subsidiary of</td>
<td></td>
</tr>
<tr>
<td>Burnham Holdings</td>
<td></td>
</tr>
<tr>
<td>Nidec Motor Corporation</td>
<td></td>
</tr>
<tr>
<td>NOROVNE</td>
<td></td>
</tr>
<tr>
<td>Noritz America Corporation</td>
<td></td>
</tr>
<tr>
<td>NovelAire Technologies</td>
<td></td>
</tr>
<tr>
<td>NYThermal, Inc.</td>
<td></td>
</tr>
<tr>
<td>OmegaFlex, Inc.</td>
<td></td>
</tr>
<tr>
<td>Packless Industries, Inc.</td>
<td></td>
</tr>
<tr>
<td>Panasonic Corporation of North America</td>
<td></td>
</tr>
<tr>
<td>Parker-Hannifin Corporation</td>
<td></td>
</tr>
<tr>
<td>PB Heat, LLC</td>
<td></td>
</tr>
<tr>
<td>Pentair Water Pool and Spa</td>
<td></td>
</tr>
<tr>
<td>Polar Technology, LLC</td>
<td></td>
</tr>
<tr>
<td>POLIDORO USA, Inc.</td>
<td></td>
</tr>
<tr>
<td>Potter Electric Signal Company</td>
<td></td>
</tr>
<tr>
<td>Price Industries</td>
<td></td>
</tr>
<tr>
<td>PVI Industries, LLC</td>
<td></td>
</tr>
<tr>
<td>Radix Wire Company</td>
<td></td>
</tr>
<tr>
<td>RAECorporation</td>
<td></td>
</tr>
<tr>
<td>Rasmussen Iron Works, Inc.</td>
<td></td>
</tr>
<tr>
<td>Raypak</td>
<td></td>
</tr>
<tr>
<td>Regal Beloit EPC, Inc.</td>
<td></td>
</tr>
<tr>
<td>RemTec International</td>
<td></td>
</tr>
<tr>
<td>RenewAire, LLC</td>
<td></td>
</tr>
<tr>
<td>Research Products Corporation</td>
<td></td>
</tr>
<tr>
<td>Revcor, Inc.</td>
<td></td>
</tr>
<tr>
<td>Rheem Manufacturing Company</td>
<td></td>
</tr>
<tr>
<td>Riello Corporation of America</td>
<td></td>
</tr>
<tr>
<td>Rinnal America Corporation</td>
<td></td>
</tr>
<tr>
<td>Ritchie Engineering Co., Inc.</td>
<td></td>
</tr>
<tr>
<td>Roberts-Gordon, LLC</td>
<td></td>
</tr>
<tr>
<td>Royal Service Air-Conditioning</td>
<td></td>
</tr>
<tr>
<td>RUSKIN Rooftop Systems</td>
<td></td>
</tr>
<tr>
<td>Samsung Electronics Co. LTD</td>
<td></td>
</tr>
<tr>
<td>Sanyo Commercial Solutions</td>
<td></td>
</tr>
<tr>
<td>Schneider Electric</td>
<td></td>
</tr>
<tr>
<td>Schwank USA, Inc.</td>
<td></td>
</tr>
<tr>
<td>Scotsman Ice Systems</td>
<td></td>
</tr>
<tr>
<td>SEISCO International Limited, Inc.</td>
<td></td>
</tr>
<tr>
<td>SEMCO, LLC</td>
<td></td>
</tr>
<tr>
<td>SG America, Inc.</td>
<td></td>
</tr>
<tr>
<td>Sherwood Valve, LLC</td>
<td></td>
</tr>
<tr>
<td>SIT Controls USA, Inc.</td>
<td></td>
</tr>
<tr>
<td>Shuttle Manufacturing Company</td>
<td></td>
</tr>
<tr>
<td>Slant/Fin Corp.</td>
<td></td>
</tr>
<tr>
<td>Smadrt, Inc.</td>
<td></td>
</tr>
<tr>
<td>SNTech, Inc.</td>
<td></td>
</tr>
<tr>
<td>Solarflo Corporation</td>
<td></td>
</tr>
<tr>
<td>Southern Store Fixtures, Inc.</td>
<td></td>
</tr>
<tr>
<td>SPX Cooling Technologies, Inc.</td>
<td></td>
</tr>
<tr>
<td>Structural Concepts Corporation</td>
<td></td>
</tr>
<tr>
<td>Superior Make Aircon Refrigeration Tech Sdn. Bhd.</td>
<td>(Smartech)</td>
</tr>
<tr>
<td>Superior Radiant Products Ltd.</td>
<td></td>
</tr>
<tr>
<td>Swegon</td>
<td></td>
</tr>
<tr>
<td>SWEP North America, Inc.</td>
<td></td>
</tr>
<tr>
<td>Taco, Inc.</td>
<td></td>
</tr>
<tr>
<td>Tecumseh Products Company</td>
<td></td>
</tr>
<tr>
<td>Temtrol, Inc.</td>
<td></td>
</tr>
<tr>
<td>Testo, Inc.</td>
<td></td>
</tr>
<tr>
<td>The Whalen Company</td>
<td></td>
</tr>
<tr>
<td>Thermal Solutions Products, LLC, a Subsidiary of</td>
<td></td>
</tr>
<tr>
<td>Burnham Holdings</td>
<td></td>
</tr>
<tr>
<td>Thermo Pride, a Subsidiary of Burnham Holdings</td>
<td></td>
</tr>
<tr>
<td>Thomas &amp; Betts Corporation</td>
<td></td>
</tr>
<tr>
<td>Titleflex Corporation</td>
<td></td>
</tr>
<tr>
<td>Trane</td>
<td></td>
</tr>
<tr>
<td>Tranter PHE, Inc.</td>
<td></td>
</tr>
<tr>
<td>Triangle Tube/Phase III</td>
<td></td>
</tr>
<tr>
<td>Trolex Corporation</td>
<td></td>
</tr>
<tr>
<td>Trx USA, Inc.</td>
<td></td>
</tr>
<tr>
<td>Tru-Flex Metal Hose Corporation</td>
<td></td>
</tr>
<tr>
<td>Turbotec Products, Inc.</td>
<td></td>
</tr>
<tr>
<td>TWA Panel Systems, Inc.</td>
<td></td>
</tr>
<tr>
<td>Unico Systems, Inc.</td>
<td></td>
</tr>
<tr>
<td>United CoolAir Corp.</td>
<td></td>
</tr>
<tr>
<td>Universal Enterprises, Inc. (UEI)</td>
<td></td>
</tr>
<tr>
<td>US Boiler Company, Inc.</td>
<td></td>
</tr>
<tr>
<td>Usines GIANT Factories, Inc.</td>
<td></td>
</tr>
<tr>
<td>Varidigm</td>
<td></td>
</tr>
<tr>
<td>Vaughn Thermal Corp</td>
<td></td>
</tr>
<tr>
<td>Venmar CES, Inc.</td>
<td></td>
</tr>
<tr>
<td>Ventrol Air Handling Systems, Inc.</td>
<td></td>
</tr>
<tr>
<td>Viessmann Manufacturing Company (US), Inc.</td>
<td></td>
</tr>
<tr>
<td>Walter Meier, Inc.</td>
<td></td>
</tr>
<tr>
<td>Ward Manufacturing, LLC</td>
<td></td>
</tr>
<tr>
<td>Warren Technology</td>
<td></td>
</tr>
<tr>
<td>Water Heater Innovations, Inc.</td>
<td></td>
</tr>
<tr>
<td>WaterFurnace International, Inc.</td>
<td></td>
</tr>
<tr>
<td>Watts Regulator Company</td>
<td></td>
</tr>
<tr>
<td>Wayne Combustion Systems</td>
<td></td>
</tr>
<tr>
<td>Weil-McLain</td>
<td></td>
</tr>
<tr>
<td>Williams Furnace Co.</td>
<td></td>
</tr>
<tr>
<td>Wilo USA, LLC</td>
<td></td>
</tr>
<tr>
<td>Wolf Steel Ltd</td>
<td></td>
</tr>
<tr>
<td>Wolverine Tube, Inc.</td>
<td></td>
</tr>
<tr>
<td>Worgas, Inc.</td>
<td></td>
</tr>
<tr>
<td>Worthington Cylinders</td>
<td></td>
</tr>
<tr>
<td>Xylem, Inc.</td>
<td></td>
</tr>
<tr>
<td>Zehnder Ritting</td>
<td></td>
</tr>
<tr>
<td>Zero Zone, Inc.</td>
<td></td>
</tr>
<tr>
<td>Z-Flex (US), Inc.</td>
<td></td>
</tr>
<tr>
<td>Zodiac Pool Systems, Inc.</td>
<td></td>
</tr>
</tbody>
</table>
In 2011, AHRI had another banner year, advocating for our industry here and abroad; developing new standards and certification programs; and communicating with contractors, specifiers, building owners, and the general public about the importance of our industry to health, comfort, and the environment. As I begin my Chairmanship for 2012, I expect that we will expand on some of those activities and add others as we continue our role as the premier trade association for manufacturers of heating, cooling, water heating, and commercial refrigeration equipment and components.

We will continue to expand and promote our certification program as an essential building block to sustainability, we will work with Congress to pass key legislation on efficiency standards and building code revisions, and we will be vigilant against government encroachment in successful, private-sector programs and initiatives, such as our certification program, which has been a model of quality and reliability for more than 75 years.

As Chairman, I will continue to share our positive message of energy efficiency and environmental stewardship with foreign governments and associations, while also spending substantial time ensuring that our priorities are heard and acted on here at home. The products produced by our member companies literally make the world a safer, healthier, more comfortable place. We take pride in that, and it is our mission to ensure it continues and expands throughout the world.

Ajita Rajendra
2012 Incoming AHRI Chairman