



# Greetings from the President

*Art LaPointe*

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## Mark your Calendars for these upcoming events

- AHR Expo  
January 25-27, 2010  
Orlando, FL
  
- ACREX  
February 17-20, 2010  
Mumbai, India
  
- Engineering Conference  
February 28 - March 2, 2010  
San Antonio, TX
  
- AMCA Spring Meetings  
HRME  
Sales & Marketing  
AMCA/UL  
February 28 - March 4, 2010  
San Antonio, TX
  
- MCE Conference  
March 23-27, 2010  
Milan, Italy
  
- NFPA Conference & Expo  
June 7-10, 2010  
Las Vegas, NV
  
- AIA Convention  
June 10 -12, 2010  
Miami, FL

## December 2009

December not only signals the end of the year, but also brings the anticipation of a brand new year. For many of us, along with our normal work activities, December is also filled with all the hustle and bustle of holiday shopping, parties, and travel visiting friends and family.

As I look back over this past year, I am proud to say that AMCA has made significant operational and financial improvements. We are fortunate to have a strong, dedicated and supportive membership that places improving the industry high on its agenda and unselfishly provides the resources and talent required to achieve AMCA's strategic goals.

With these thoughts in mind, I wanted to wish all "AMCA Members" and "AMCA staff," a safe holiday season, a Merry Christmas, and a prosperous new year; I look forward to working with all of you in 2010.

## ROI for Members

Ensuring that all AMCA members receive a return on their investment (ROI) is a high priority for your AMCA Board of Directors. Industry representation is one way to achieve ROI for members.

For example, many of our Air Control members are involved in manufacturing Exterior Sunshades. Typically when there is a budget crunch on a new project, Sunshades fall victim to value engineering. Much documentation has been written about the positive effects on permanent sunshades on a building, but almost nothing has been written into ASHRAE, IBC, or Energy Code Standards. With ASHRAE driving their members to produce more energy efficient equipment, it would seem obvious that this is an area that AMCA could certainly help with.

The AMCA Board has authorized a task force to address this issue on several fronts.

- 1) Develop verbiage that could be inserted into ASHRAE 90.1, giving merit to the benefits of permanent sunshades on a building, and allow Mechanical Engineers flexibility when sizing equipment. AMCA staff has already conferred with ASHRAE Staff and they have confirmed the need for this addition to 90.1.
- 2) Contract with a code consultant who would work with code bodies to have sunshading written into the Energy and IBC codes. This would be accomplished in tandem with AMCA's Code Action Review Committee, who are already working with various code bodies in other areas.
- 3) Task force has been charged with seeking out new ideas to promote, and proliferate the use of permanent sunshades. We look forward to the potential many ideas and initiatives to come forward.

In the months ahead I will be keeping you informed on AMCA Staff and Board initiatives that hopefully, will add payback for your investment in AMCA International. We welcome any suggestions, or ideas where you think AMCA can add benefit to the industry and your company.

***Have a great month, and check back next month for current details on upcoming meetings and events within your association.***

Respectfully,

**Art LaPointe**



# Greetings from the President

## AMCA Spring Meetings

**AMCA International's upcoming Spring Meetings** will be held February 28 – March 4, 2010 in San Antonio TX.

AMCA will be hosting four separate meetings again.

February 28 – March -2, 2010	HR/ME Councils Meeting
February 28 – March -2, 2010	Sales and Marketing Councils Meeting
March 1 – 2, 2010	Engineering Conference
March 3-4, 2010	AMCA/UL Meetings

**Monday, March 1, 2010 and Tuesday March 2, 2010 San Antonio Toyota Plant Tour.** The tour will begin in the Body Weld Shop, where stamped steel pieces are welded together using state of the art technology. Watch as a team of computer-controlled robots perform the welds that result in a completed body shell. Next the tour moves on to the Plastics Shop where critical components, including the vehicle bumpers and instrument panels are made. Overhead conveyors transport the trucks from Paint, to the Final Line in Assembly. Throughout the tour the guide will point out the foundations of the world renowned Toyota Production System.

**The maximum number of attendees for each of the 2 tours is 40, and is a first come first serve basis.**

## Standards Updates

### **ANSI/AMCA STANDARD 510-09, “Methods of Testing Heavy Duty Dampers for Rating”**

The Air Movement and Control Association International, Inc. (AMCA International) announced that the Board of Standards Review of the American National Standards Institute (ANSI) approved the following document on October 9, 2009; ANSI/AMCA STANDARD 510-09, “Methods of Testing Heavy Duty Dampers for Rating.” This standard was previously approved by the AMCA membership on July 26, 2008, and then sent to ANSI to begin approval process. 510-09 establishes testing methods used in measuring the performance of dampers used in the utility and heavy industry.

### **ANSI/AMCA STANDARD 550-09, “Test Method for High Velocity Wind Driven Rain Resistant Louvers”**

The Air Movement and Control Association International, Inc. (AMCA International) announced that the Board of Standards Review of the American National Standards Institute (ANSI) approved the following document on November 16, 2009; ANSI/AMCA STANDARD 550-09, “Test Method for High Velocity Wind Driven Rain Resistant Louvers.” This standard was previously approved by the AMCA membership on July 26, 2008, and then sent to ANSI to begin approval process. 550-09 establishes uniform laboratory test methods and minimum performance ratings for water rejection capabilities of louvers intended to be used in high velocity wind conditions.

## The Big 5



November 23-26, 2009 AMCA Staff attended The Big 5 Exhibition. The Big 5 has an enviable reputation as the Middle East's most successful trade exhibition and is one of the world's major building and construction shows. Held annually, The Big 5 is an immensely strong international brand that continues to grow year after year.



## Statistical Program



In today's uncertain times, the AMCA Statistical Program is a useful tool, providing value through accurate and timely market information with which to gauge current business performance and long term opportunities. Has your company registered for this program? If you haven't done so yet, I urge you to sign up as this market information is available only to those members who participant in the program.

If you have any questions, please email Christie Kornacker or Marian Vambreck at [ckornacker@amca.org](mailto:ckornacker@amca.org) or [mvambreck@amca.org](mailto:mvambreck@amca.org).



# Greetings from the President

## appi Electricity & Utility Update

An AMCA Member who participates in the appi program has a projected savings from 12/1/2005 to 11/30/2010 of \$255,000.

**APPI will be hosting monthly webinars for association members in Pennsylvania and Ohio.**

### About appi

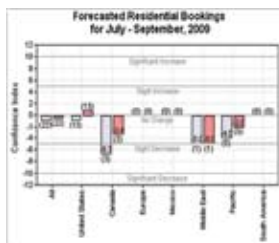


A member benefit of your association is the APPI Savings Solutions Program. Managed by Affiliated Power Purchasers International (appi), an independent utility consulting firm, this program provides savings solutions for your business. appi's electricity procurement service protects your business and your bottom line. appi reviews pricing and product options, and then presents you with the most competitive electricity rates. You choose whether to implement appi's solutions.

**Future weather forecasts are indicating warmer than normal temperatures in most of the United States for the upcoming winter. This has been a factor in the decline in prices over the past few weeks. Overall energy demand for 2009 will be down about 2% nationally, but 2010 is projected to have a 2% increase in demand. Prices are at levels that indicate this is a very good time to lock in a fixed rate through the end of 2010.**

Contact appi at (800) 520-6685 or [info@appienergy.com](mailto:info@appienergy.com)

## Confidence Index



AMCA's popular confidence Index for Bookings report for the 1st Quarter of 2010 is available at [www.amca.org](http://www.amca.org). The confidence index is a subjective expression by member companies on the relative health or vigor of the industry categorized by market segment. Member companies are

asked to indicate, via a short survey, the changes they anticipate in bookings over the next three months compared to the same quarter of the previous year, and previous quarter. Market segments included in the survey are residential, commercial and institutional, industrial (including power generation and agricultural).

Please visit AMCA International's website and click on MyAMCA Member Login. If you do not have a password or forgot your password, contact Linda Plesh at [lplesh@amca.org](mailto:lplesh@amca.org).

## AMCA Fan Efficiency Program Status

**AMCA Standard on Fan Efficiency Classification (AMCA DCS 205):** A Subcommittee of the AMCA International Fan Committee has been working on this standard since late 2008. The standard is now in the approval process. Committee letter ballots have been sent to the Fan Committee, Sub Committee, and Air Movement Division Engineering Standards Committee. The standard should be sent to the membership by end of October or early January.

**ASHRAE 90.1** - No change. ASHRAE TC5.1 task force provided minimum FEG efficiency levels to ASHRAE 90.1 Mechanical Subcommittee for 2010 edition.

**White Paper:** Completed. Board Approved.

**ISO 12759:** Enquiry Draft (ISO/DIS 27359) completed its five month review. The enquiry passed without any negative votes, so once the comments have been considered, the draft will move to the final stage of approval (a two month committee letter ballot). Almost 150 comments were received and the ISO/TC117/WG 11 is planning on meeting in December to review/resolve the comments.

**Fan Efficiency Certification Program:** The AMCA International Board Directed the formation of a task force to develop a statement of scope and work for the Fan Efficiency Assurance Program. The task force is holding meetings every two weeks and a recommendation will be made to the Board at its February meeting.

**Inmotion Article:** Complete, published in spring issue.



## AMCA inmotion

As the official publication of the **Air Movement and Control Association International (AMCA)**, AMCA inmotion is dedicated entirely to mechanical ventilation systems – air movement and control.

**Check-out the Fall 2009 issue of inmotion! Featured topics to include:**

- Kitchen Ventilation Systems
- Application Guidance for ISO Fan Efficiency Grades
- A Roadmap for Acoustical Solutions
- Louver' Leap: Technology Advancements Provide Enhanced Performance, and Protection

**\*\* NOTE\*\***

**\*\* Please contact Marian Vambreck at [mvambreck@amca.org](mailto:mvambreck@amca.org) for details about advertising or to submit editorial content for inmotion magazine\*\***



# Greetings from the President

## AMCA International White Paper, Fan Industry - Facing up to the Energy Challenges

This Paper is about how, not why. We want to share with you how the fan industry is participating in finding the ways to improve energy use of fans.

More than fifty years ago, the industry formed the Air Movement and Control Association (AMCA); now AMCA International. Right from the start AMCA implemented a Certified Rating Program for fan performance. Certified fan performance was accepted instantly by the HVAC industry in the U.S. and Canada. As AMCA spread outside of North America and became AMCA International, so too did the acceptance of AMCA certified performance of fans in other regions of the world, including Europe, Asia, and India.

To download Fan Industry - Facing up to the Energy Challenges, visit [www.amca.org](http://www.amca.org)

## A technical paper entitled "External Shading Devices in Commercial Buildings"



AMCA International collaborated with John Carmody and Kerry Haglund from the Center for Sustainable building Research at the University of Minnesota to develop the technical publication detailing the benefits of sunshade devices (louvers). **AMCA International's Standard 530** committee members provided input and guidance to the publication.

*External Shading Devices in Commercial Buildings is published by AMCA International and is available for download on the AMCA website at [www.amca.org](http://www.amca.org).*

## AMCA publishes English version of Author Alain Guédel's, "Acousitique des ventilateurs" (Fan Acoustics-Noise Generation and Control Methods);



CETIAT a not-for-profit industrial technical center located in Villeurbanne Cedex, France, has granted AMCA International full publishing rights for the English version of Alain Guédel's work entitled "Acousitique des ventilateurs." (Fan Acoustics-Noise Generation and Control Methods.) AMCA International's TACOS

committee was commissioned with the task of translating the work from French to English. This book fulfills a much needed gap in available literature for ventilation engineering. Available for purchase through the AMCA website, priced at \$60 for AMCA members and \$120 for Non-AMCA members.

To order or download Fan Acoustics, Noise generation and Control Methods, visit [www.amca.org](http://www.amca.org)

## Tradeshaw Corner

Learn about some of the shows AMCA endorses in the coming months.

### AHR Expo



January 25-17, 2010 AMCA Staff will be exhibiting at The AHR Expo in Orlando, FL. No other HVAC&R event delivers so many

opportunities to grow your business than AHR Expo. From generating sales leads and new distribution channels to uncovering new markets for your products and increasing industry exposure, exhibiting at AHR Expo is your best investment of the year to cost-efficiently meet face-to-face with more of your customers and prospects.

### ACREX



AMCA Staff will be attending ACREX India which will take place February 17-20, 2010 in Mumbai, India. ACREX India is the largest biennial International Exhibition and Conference catering to the Air Conditioning, Refrigeration, Ventilation and Building Services' Industries. The Exposition, the 14th in the series, is being organized by ISHRAE. The Indian Society of Heating, Refrigeration and Air Conditioning Engineers ISHRAE, is the largest National body of Engineering Professionals connected with the Indian HVAC&R industry. The Exhibition will provide an ideal platform for exchanges and meetings between professionals and showcase the latest products and innovations in the HVAC & R space.

### MCE Conference 2010



"Mostra Convegno Expocomfort is the International Exhibition for HVAC, renewable energy, water treatment, plumbing technology and bathroom fittings sectors. The next event has been scheduled from March, 23-27 2010 at Fiera Milano Exhibition Centre Rho, Italy. MCE will be the unparalleled international technological showcase for the quality of life. Innovation, comfort, energy efficiency and saving will be the main issues of the MCE four thematic areas: Heat, Cold, Water and Energy" Visit [www.mcexpocomfort.it/en/](http://www.mcexpocomfort.it/en/)