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RADIANT & HYDRONICS E - NEWS

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Radiant & Hydronics e-News

Special Edition

AHR Expo: Day 2



Welcome Back To AHR Expo: Day Two

Show manager of the [2006 AHR Expo](#) reported that, as of Monday afternoon, 54,332 people were registered to attend the show. While this number includes individuals staffing the booths, the show features on-site registration and the numbers are expected to climb.

Day Two of AHR Expo remained a busy affair and, after the initial head rush of Day One, **Radiant & Hydronics e-News** began to notice definite, underlying themes of the overall show as we toured the floor Tuesday: Health, Conservation and Efficiency are everywhere! In other words, "green" is gold. From having attendees breathe filtered air or drink filtered water, to "quiet" booths where visitors can experience hushed appliances. Extra-large yet extra-efficient products were myriad; so were small-footprinted products that packed a punch.

LINX Search:



Calendar Of Events

Jan. 31-Feb 1
[2-Day CO & Combustion Seminar \(includes exam\)](#)
Grand Rapids, MI

Feb. 7
[Radiant Basics Course](#)
Carteret, N.J. & Clinton Township, MI

Feb. 7-8
[2-Day CO & Combustion Seminar \(includes exam\)](#)
Norfolk, VA

Feb. 8
[Radiant Precision Course](#)
Carteret, N.J. & Clinton Township, MI

Feb. 9
[Radiant Architecture for Builders](#)

Also observed: a large number of international vendors as well as attendees. This editor, for one, could walk a single aisle and get a global flavor of the industry from product to language to culture.

Below continues our highlights from the show, including more products and news heard on the floor.

And remember, **BNPMedia (Booth #5925)** is still exhibiting. Have some industry or local news to pass on? Seek us out and share!

News From The Show

Heard On The Floor

[Supply House Times](#) Editor **Jim Olszynski** reports chatting with an overseas rep who told him a large number of plants are being built in China to produce polyethylene, which of course is the main ingredient of PEX tubing. If true, expect The People's Republic to become a major PEX producer in years to come.

Water Heater Acquisition

[A.O. Smith](#) has reached agreement with [GSW](#)'s two majority shareholders on A.O. Smith's proposed acquisition of GSW, parent company of [American Water Heater Co.](#) The parties have agreed to a purchase price of \$115 (Canadian) per share for the shares owned by the majority shareholders, subject to A.O. Smith completing its remaining due diligence and negotiating formal lock-up agreements with the majority shareholders and a support agreement with GSW on terms satisfactory to GSW and A.O. Smith. The purchase will leave the water heater industry with only three U.S. players in the tank storage segment of the market -- A.O. Smith, [Rheem](#) and [Bradford White](#).

Caleffi Showcases The 'Romance Of Radiant'

[Caleffi Hydronic Solutions](#) is filming Wednesday at its booth (3669) and at Radiant House (1566) for a public television piece on "Innovative Building Solutions." Caleffi will address radiant heating and its benefits, and drivers for the growing interest and demand. PMG TV of Florida is the show's producer, and it is set to be hosted by **Michael Douglas**. More accessible celebrities include **John Siegenthaler** and **Dave Yates**, who will offer their radiant insight on camera. The show is expected to air in April for three months.

Partying Heartily

Hydronics pump makers [Taco](#), [ITT Bell & Gossett](#) and [Armstrong](#) are used to going at it in the marketplace. They also competed on Monday night by hosting gala bashes at different venues. All were well attended, and featured copious servings of food, drink and fun.

Clinton Township, MI

March 9-10

[Lochinvar's Intelli-Fin & Power-Fin Product School](#)

Lebanon, TN

March 12-14

[2006 National Green Building Conference](#)

Albuquerque, NM

March 14-15

[I=B=R School](#)

Allentown, PA

March 14-17

[ISH China 2006](#)

Beijing, China

March 15

[Modern Engineering Concepts \(MEC\) Seminar](#)

Chicago

March 16

[MEC Seminar](#)

Minneapolis

March 16-17

[I=B=R School](#)

York, PA

March 23-25

[CMX/CIPHEX](#)

Toronto, Ontario

March 23, 24

[Lochinvar KNIGHT Heating Boilers Product School](#)

Lebanon, TN

March 28-29

[I=B=R School](#)

Minneapolis

March 30

[ASPE/PMCA Trade Show](#)

Depew, NY

March 30-31

[I=B=R School](#)

Eau Claire, WI



Editor's Picks: *Products @ The Show*

Viega Snap Panel

Viega North America's new Snap Panel™ is a versatile high density polystyrene fastener system designed for every tubing configuration. Unique secure-grip heads hold 1/2-inch tubing - just walk it in. The interlocking snap panels act as a vapor barrier and can be installed over any insulation. Here it's being demonstrated with Climate Panel by **Lino Santoro**, a Viega "Radiant Mentor" from the Chicago area. The company has mentors in many major cities to offer technical support. [Viega North America](#) (Booth 5349).



Under Concrete Insulation

rFoil™ UltraBOARD™ from TVM Building Products combines EPS Foam, Foil and Bubble insulation for an impenetrable water/vapor barrier. According to TVM, it improves slab heat loss by over 80% and reduces slab reaction time. Rated R-5 (ASTM C518) plus 57% reflectivity. [TVM](#) (Booth 2957)

All-In-One Mixing System

Taco's **Doug Bird** explained the benefits of the company's new patent pending X-Pump Block (XPB), which combines a variable speed mixing control, heat source circulator, constant speed system circulator and heat exchanger into a single unit. This flexible product can be used with any heat source. More XPB features include plug-in low voltage connections, large LCD display, warm weather shutdown, and replaceable cartridge design. [Taco](#) (Booth 6200)

April 6
[MEC Seminar](#)
Manchester, NH

April 7
[MEC Seminar](#)
Providence, RI

April 19
[Radiant Basics Course](#)
Queens, NY

April 20
[MEC Seminar](#)
Edison, NJ

April 20-21
[Lochinvar's Copper-Fin II Product School](#)
Lebanon, TN

April 21
[MEC Seminar](#)
Syracuse, NY

April 24-25
[I=B=R School](#)
Salt Lake City

April 27-28
[I=B=R School](#)
Denver

May 1-2
[RadFest West](#)
Tacoma, WA

May 8-9
[I=B=R School](#)
Seattle

May 11-12
[I=B=R School](#)
Spokane, WA

May 14-18
[NAOHSM Convention & Trade Show](#)
Hartford, CT

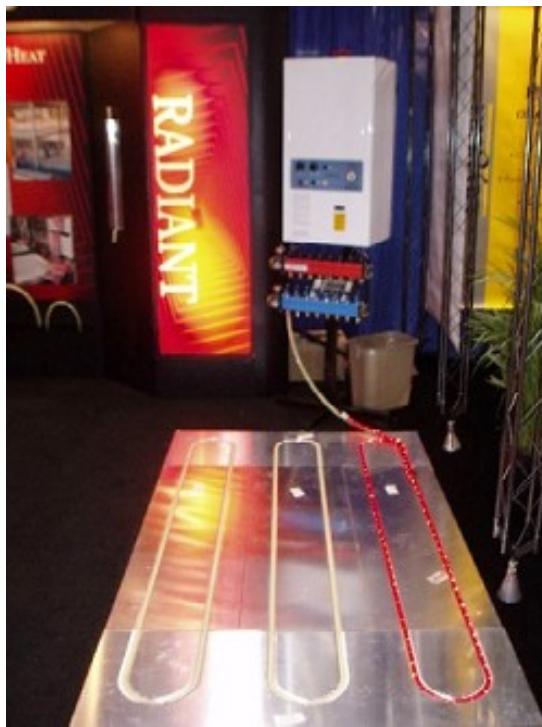
May 23
[MEC Seminar](#)
Seattle

May 25



Ambassador Series Of Combi Gas Heaters

The BMS Combi is a wall mounted, direct vent, sealed combustion space heater with built-in domestic hot water. Shown here in a floor heating application, the Ambassador Series from Embassy Industries are engineered for low hydraulic resistance. They are also compact and lightweight. Available in two sizes: 87,000 Btu/hr. and 107,000 Btu/hr. [Embassy Industries, a Mestek Company](#) (Booth 5722)



Hydronic Choices

Watts Radiant used to individually customize their panels. Now the choice is yours with the company's new Primary (P) Distribution (D) and Zone (Z) series of HydronexTM. Shown here: the D Mix Panel and P Series Panel. Hydronex offers unlimited panel configurations to meet the needs of any project. Mechanical drawings are available so you can begin planning today. [Watts Radiant](#) (Booth 2347)



MEC Seminar

Anchorage, Alaska



New Year Resolution:

More Education!

Keep employees in-the-know.

Visit www.AECStore.com

and choose from a variety of educational items including:

- The Modern Engineering Concepts for Hydronic Heating Design Seminar Manual - \$30
- The 2005 MEC CD and Seminar Manual Set - \$115
- **Best Package Deal:** 2005 MEC CD, Seminar Manual, and Hydronics Know-How CD Set - \$150

The **AEC Store** offers a variety of books and CD-Roms about plumbing and HVAC. Stay competitive this year by continued education of this remarkable industry.

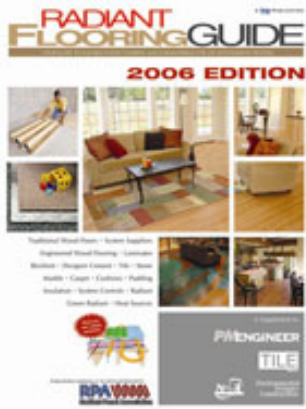


Industry Links

- [Radiant Panel Association](#)
- [Canadian Hydronics Council](#)
- [Plastic Pipe & Fittings Association](#)
- [American Society of Plumbing Engineers](#)
- [GAMA](#)
- [US Dept. of Energy](#)
- [ISH North America](#)
- [HeatingHelp.com](#)
- [HydronicPros.com](#)



Online Now



The 2006 Radiant Flooring Guide

The **2006 Radiant Flooring Guide** is the only annual publication that provides detailed articles on how to match various floor covering and subflooring materials with radiant heating systems. Jam-packed with photographs, illustrations, charts and tables, it provides you the insight and knowledge to create both a beautiful and comfortable floor. Includes an updated directory of radiant floor product manufacturers. Order your copy for \$15.00 today through our [AEC Store](#) or by contacting **Candace Roulo** at 248/244-1275 or rouloc@bnpmedia.com.

The leaders in advanced hydronic systems that are easy to design, easy to install, and easy to live with.

www.taco-hvac.com

Did You Know ...

AHR Expo attendees identified the **"most important trends/issues in the HVACR industry"**:

- Energy efficiency/indoor air quality
- Commissioning/sustainability
- Energy use and cost

Also making the list: skilled labor needs (#5), health care (#11), building automation (#15), and LEED certification (#20).

Information pulled from printed survey results of 2006 AHR Expo attendees, ASHRAE Journal's Show Daily

Just For Fun

Is It Too Early In The Day For Interpretive Dance?

Radiant & Hydronics e-News is not certain exactly what blue-haired, silver-boot-wearing **Space Girls** have to do with Heating or Cooling for that matter (or why the quintet felt the need to satellite a violin-playing young woman), but it sure was a welcome diversion to many of the attendees who are involved in the oftentimes too-serious, technical-based conversations that prevail at ASHRAE's show. Well done. And now back to your respective planets.



The "College Of Product Knowledge" RETURNS!

The best-read, most highly acclaimed product training series ever published in the plumbing industry has been updated and made available to fill the gaping hole in the plumbing industry's product knowledge training.

Supply House Times' "College of Product Knowledge" (CPK) was originally launched in 1979 and ran for 30 issues, culminating in a 300+ page reprint manual that became the industry's most widely used product education resource. CPK was justly acclaimed for its completeness, technical accuracy, clarity and readability.

Authored by plumbing product guru Don Arnold, who worked as a product design engineer with several leading plumbing manufacturers, thousands of copies of the CPK manual were purchased by industry companies and individuals until it finally went out of print many years ago. Yet, requests for it continued to pour in.

For the last several years, Don Arnold has authored periodic updates to address changes in various plumbing products since the original series ran. The new CPK includes these updates as well as the original articles.

Not only had many plumbing products changed over the preceding years, so has communications technology. "The College of Product Knowledge" has been republished in **CD format**.

All information is contained in high-resolution PDF files. This collection contains no advertising, just 300 pages of solid information. Each product section is accompanied with detailed illustrations, as well as a quiz at the end.

The CD version of "College of Product Knowledge" can be obtained for only \$127. Quantity discounts are available. To order, contact Candace Roulo at 248/244-1275 or via e-mail at rouloc@bnprmedia.com.



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This edition of **Radiant & Hydronics e-News** was sent especially to you because of your interest in all things hydronic. Tell us how we did! We'd love to get your feedback. If you have any comments or questions about this e-mail, please [write our editors](#) and let them know, especially if you have suggestions how we can better serve your interests.

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