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RADIANT & HYDRONICS E - NEWS

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[2006 Radiant Flooring Guide](#) | [AEC Store](#) | [I=B=R Schools](#) | [MEC Seminars](#)

Radiant & Hydronics e-News Week ending January 27, 2006



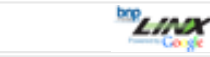
Above: *PM* Publisher **George Zebrowski** (left) stands with NAOHSM's **Judy Garber**, Peerless Boilers President **Pete Morgan**, and **Dan Holohan** during the ASHRAE show. Peerless Boilers will be a sponsor of a special magazine on Oil Heat Cares, which highlights charity work for oil systems of homeowners in need. More on that story below.

What A Show!

Well, they've packed up and shipped out, but the record-breaking [2006 AHR Expo](#) will not be forgotten. With innovative products launched on a yearly basis it seems, exhibitors and attendees alike will surely be back for more next year when the show takes place at the Dallas Convention Center in Dallas, Texas (Jan. 29-31, 2007).

New government regulations, and the movement toward Green Building and LEED certification continues to impact the industry, and show producer International Exposition Co. will seek new ways to bring attendees a well-rounded event filled with growing exhibits, hands-on installation and product theaters, as well as informative courses and speakers.

LINX Search:



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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](#)
Clinton Township, MI

March 9-10

More products from the show are below; some great industry-changing offerings this year! Also in this edition, [PM](#) tagged along on a TV shoot with [Caleffi](#) about the "Romance Of Radiant." Read a brief experience of the event.

For those of you who stopped by our booth, thanks for visiting! **Radiant & Hydronics e-News** will remain a present force at shows like AHR and other industry-related events, to be sure you don't miss a thing.

Industry News

Spring 2006 I=B=R Schedule Announced

This spring, hydronic heating professionals have eight chances to attend I=B=R Hydronic Heating Schools presented by the Hydronics Institute Division of [GAMA](#). Learn key fundamentals and improve your hydronic skills with topics like heat loss calculating, pipe sizing, zoning, wiring, circulators and more. Dates and Locations are listed to the right under our Calendar Of Events. Call 888/530-6714 for complete details.

ROPES: A Dope No Longer

The [Radiant Panel Association](#) offers its Radiant Outfitters Personal Education Series (ROPES) through its online store. ROPES makes RPA's educational materials available in downloadable bite-size pieces. This information is a result of years of compiling the experience and knowledge of the experts in the field of radiant heating. Visit www.RadiantPanelAssociation.org and check out the ROPES in the Personal Education Series section.

Total Energy Efficiency Through Hydronics: A New Seminar by John Siegenthaler

This intensive one-day seminar presents the latest concepts in modern hydronic heating system design for both residential and commercial systems. Learn to design efficient, affordable and reliable systems using the latest technology. [Click here](#) for more information.

53rd Annual NAOHSM Convention, May 14-18

[The National Association of Oil Heating Service Managers](#) will keep its attendees busy with activities, education and fun at its 53rd Annual Convention & Trade Show, held May 14-18, 2006, in Hartford, Conn. The theme will be "Sports and Teamwork." Members can attend classes and management seminars, as well as participate in charity events, an oilheat tradeshow featuring more than 300 booths, and sports-themed banquets. For more information, contact NAOHSM at info@naohsm.org or call 888/552-0900.

[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

April 6

[MEC Seminar](#)

Manchester, NH



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.

Radiant Trends

Reflective Industry Continues To Grow

A recent survey of **Reflective Insulation Manufacturers Association (RIMA)** members revealed an average growth rate of 26.8 percent in the last 12 months among the companies participating, with continued growth expected in the years ahead.

RIMA sees this trend through the sales of reflective insulation, radiant barrier and IRCC products.

The organization believes that as more companies add reflective materials to their product lines and more technical information becomes available to the consumer, these products will continue to be a powerful option for insulation energy savings.

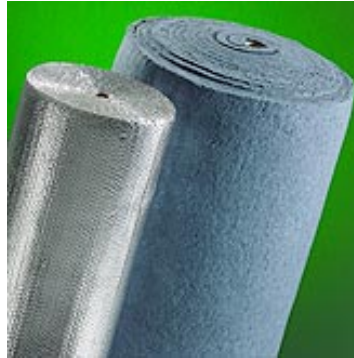


Photo courtesy of [Reflectix, Inc.](#)

Company News

Hydronic Piping Symbols for AutoCAD®

[Appropriate Designs](#) recently released HYDROSYM, a symbol library for AutoCAD® and AutoCAD-compatible drawing software. This hydronic symbol library contains 99 full-color, fully proportioned symbols based on the piping schematics used in the text *Modern Hydronic Heating 2nd Edition* by **John Siegenthaler**, P.E.

All Symbols and starter drawings are provided as .DWG vector image files and are also provided as PDF files for reference. They're grouped by: hydronic heat sources; hydronic heat emitters; valves; miscellaneous symbols; and user-defined symbols. Visit www.hydronicpros.com.

REHAU Expands PEX Production

[REHAU](#) will expand production of PEX tubing at its manufacturing plant in Cullman, Ala., with a 200,000-sq.-ft. facility. The expansion will more than double current output and create up to 100 additional jobs over the next four years. PEX production was added to the Cullman site as the result of strong demand for the company's RAUPEX® piping in both Europe and North America. "The heating and plumbing industry's market growth of PEX is more than 25 percent per year in North America," said **Bill Johansen**, REHAU

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
[MEC Seminar](#)
Anchorage, Alaska

business unit manager, heating and plumbing.

Taco Reorganizes Sales Department

[Taco Inc.](#) has announced a restructuring of its Sales and Marketing Department into two separate divisions based on its major product markets - commercial and residential. Heading up the commercial side will be **Tom Lawrence**, senior vice president. Senior VP **Bob Coons** will head residential sales. He will continue to also have responsibility for Taco Canada.

FREE Electric Radiant DVD Available

Electric radiant manufacturer [Warmly Yours](#) now offers an education and training video. The FREE DVD teaches installation techniques to floor covering professionals, remodeling contractors and builders looking to learn more about electric floor warming systems. Call 800/875-5285, or order online at www.warmlyyours.com/professional/resources/dvd.aspx.

Radiant Watch

Caleffi Takes Part In 'Romance Of Radiant' TV Program

A new public television program is in production on "Innovative Building Solutions." Specifically, a segment on radiant heat is in the works, and *PM* was able to tag along for a day of filming at AHR with Italian radiant manufacturer [Caleffi](#)



[Hydronic Solutions](#) and its executives, including Senior Managing Director **Marco Caleffi** and CEO **Mark Olson**, as well as radiant experts like **Dave Yates** and **John Siegenthaler**. *PM* editor **Katie Rotella** was also briefly filmed in front of RPA's Radiant House at AHR. The shoot included a visit to a special "DIY" radiant jobsite: heating contractor **Zbigniew "Zibi" Jonak's** dream-home-in-progress in an upscale suburban Chicago location. The TV show focuses on the "Romance Of Radiant," and addresses the draw consumers have to this type of heating, as well as how new products will impact the industry. Look for a complete article in an upcoming issue of *PM* magazine, as well as a closer look at the distributor involved on the project in [Supply House Times](#).

Photo Above: Dave Yates gets ready for his close-up with show producer **John Holden**. The TV crew and onlookers - 12+ in total - fit inside the Jonak's large-sized mechanical room, which was described by all there as "classy," and "classically European." Large tiles ran up the wall behind components. Two wall-hung Viessmann Vitodens 200s powered the radiant-filled house and (eventual) snowmelt system outside. Diamond board framed the mechanicals and Caleffi manifolds. All in all a beautiful construction site that embodies the "romance" these gracious homeowners have with radiant heat.

Below: Some site snapshots of the Jonak's basement, where radiant is king.



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](#)

Editor's Picks: *Products @ The Show*

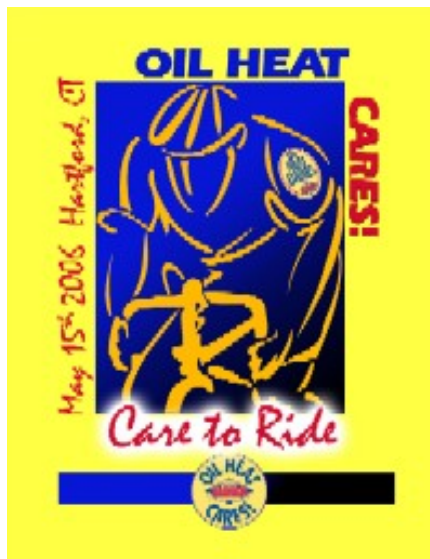
The tubing will soon be covered, and the homeowners lower level will be a relaxing and comfortable space to enjoy the view with their family and friends.



Oilheat News

Bike Ride Raises Money For Oil Heat Cares Charity

The [National Association of Oil Heat Service Managers](#) will raise money for its [Oil Heat Cares](#) program with a bicycle ride and walking event, May 15, Hartford, Conn., in conjunction with the group's annual convention, May 14-16. Participants of "Care To Ride" can choose either a 35- or 15-mile bike ride. The event is being organized by **Don Farell**, publisher of the *Oilheating Journal*. He hopes to raise \$20,000. [Click here](#) for more information.



In other news, [PM](#) magazine will be profiling the contractors of Oil Heat Cares in an upcoming special section of its April issue. "The projects these



Someone at AHR told me, "You gotta see Wilo." What we saw was amazing. The company's new Stratos is a smart pump that offers a win-win to contractors and building owners. It features integrated controls with plug-n-play design. It's more than 80% efficient, with ROI in less than two years. Stratos adjusts to your system and its handheld diagnostic device allows you to program the pump from up to 10 meters away. (I say "meters" because it is a German product, introduced in 2001 overseas.) Its eye-catching "Red Button" is accessible, and the LCD screen can be switched to side-viewing, so the pump is readable from all angles. Software that accompanies the pump graphs energy savings, which shows owners in real-time their system's efficiency. It does so much more. Be sure to check it out. [Wilo USA](#)



Bacharach's new Leakator® Jr. is the company's smallest handheld combustible gas leak detector. It pinpoints combustible gas leaks in commercial, residential and industrial applications. Bacharach also informed us of its expert technical training for carbon monoxide analysis, combustion testing and environmental monitoring. [Bacharach](#)

companies are doing now are exciting," says NAOHSM's Executive Administrator **Judy Garber**. The magazine will cover the many charitable works of the program, as well as the equipment used on the jobsites. For more information, contact Judy at 888/552-0900 or visit www.oilheatcares.com.

Online Now



Radiant Zoo

When the Rio Grande Zoo in Albuquerque, N.M., learned that a three-year-old hippo was available from another zoo, they jumped at the opportunity to give her a home - complete with a hydronically heated wading pool for her added comfort. Read about her new digs and more "creature comforts" in this month's issue of *PM*.

[Read the Complete Article @ PMmag.com](http://www.pmmag.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 ...

Architect **Frank Lloyd Wright** specified radiant heat in many of his tract home designs at Levittown on Long Island, and also the San Francisco Bay area during the 1950s. He used steel or copper pipes embedded in slab on grade floor systems.

Just For Fun

It's a Pen ... It's a Press Kit

AHR Expo was filled with many innovative and eye-catching products, but one of the most clever ideas from the show is one that doesn't heat or cool: it's an interesting and inventive new way to share information, and it came our way via Danfoss. At the company's early-morning press event, each attendee received a company pen. No big deal, you say. However unscrew the pen and inside is a Flash Drive that inserts into your computer's USB port. This one device contained company releases, photos and stats.



Just think: no more bulky folders or CDs and brochures to print. Just hand out a company pen, and your customer holds all the answers in their hand. This is one pen you won't be hesitant to loan or share.



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@bnpmedia.com.



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Tell Us What You Think!

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.

BNP Media

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