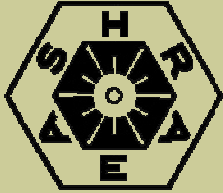


ASHRAE Newsletter La Crosse Chapter

www.ashraelacrosse.org

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LaCrosse Area
Chapter of ASHRAE
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Dec. 16, 2009**

- Waterside Heat Recovery by Mick Schwedler

November 2009

Chapter Meeting and Program

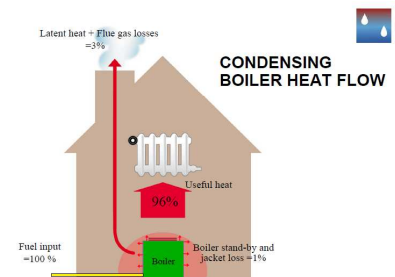
What is Condensing Boiler Technology?

by Ted Schmelling, General Manager – WiseEnergy Equipment Solutions

Obtaining maximum system performance in a heating system with a multitude of different heating duties is not an easy task. Only design-matched components with an integrated control system will provide optimum heating system performance. Market needs demand ongoing research, development, and focus on product innovation. Ted Schmelling will be reviewing condensing boiler technology and its applications to hot water heating systems.

During the presentation we will cover the following:

1. Heat Flow and Heat Recovery
2. Other positive or negative effects Condensing boilers
3. Varying ways of measured efficiencies
4. Physical requirements of the heat exchanger for maximum efficiency
5. Combustion & Burner Technology
6. Materials, Venting, and Condensate Removal
7. Hot Water Systems, Temperatures, Configurations, and Controls
8. The right boiler and Proper size
9. Market materials –vs- Reality
10. GAMMA listings of BTS-2000 tested boilers
11. Federal Tax Credit



Ted has been in the construction trades for 26 years and has been in the plumbing and pipe-fitting trades for 19+ years. Ted has been a member of the United Association of Plumbers and Pipe fitters Union and also holds a Wisconsin journeyman plumbers license since 1990. He has worked on pipe fitting hydronic jobs from small residence up to large industrial such as paper mills. Ted is a UA trained trainer graduating from the 5 year, 200 hour program in 1999. For the past 9 years Ted has been working as a manufacturer's rep selling boilers and hydronic related products throughout the 5 state area. As general manager of WiseEnergy Equipment Solutions, Ted has assisted with hydronic and solar system designs throughout the Midwest. Ted prides himself on knowing the installation and technical aspects of the equipment he represents.

Spouses and Guest are welcome.

Location: Trane Technology Center
2313 S. 20th St. Room 1A/1B
LaCrosse WI 54601
Date: Wednesday, November 18, 2009
Agenda: 12:00 - 12:15 Lunch
12:15 - 12:30 Business meeting
12:30 - 1:30 Presentation
Cost: None
a la carte from Trane cafeteria
RSVP: Please sign up by 1:00 p.m.,
November 16th, 2009 at
www.ashraelacrosse.org

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Jim Spielbauer

Membership

Chris Hsieh

Newsletter

Jim Spielbauer

Research Promotion

Rick Heiden

Student Activities

Scott Hintz

Past Presidents Recognition

By Larry Butz, Chapter President

The success of the La Crosse Area ASHRAE Chapter would not have been possible were it not for the dedication of outstanding leaders who contributed their time and effort to make this chapter a model for the rest of the Society. To recognize their service, the upcoming meeting on November 18th is dedicated to past chapter presidents. Please join us in saying "Thank You" to this distinguished group.

- 1971-72 Hugh A. Boschert
- 1972-73 Neil R. Patterson
- 1973-74 James M. Ritter
- 1974-75 Thomas W. Mulrine
- 1975-76 Donald N. Kirby
- 1976-77 William J. Landman
- 1977-78 Eugene K. Edwards
- 1978-79 G. Allan Gaboric
- 1979-80 Ken J. Schomberg
- 1980-81 James R. Miles
- 1981-82 Philip A. Dockendorf
- 1982-83 Arthur D. Hallstrom
- 1983-84 John F. Klouda
- 1984-85 Kim Olson
- 1985-86 James N. Wagner
- 1986-87 Paul W. Ehrlich
- 1987-88 Dennis A. Stanke
- 1988-89 Duane L. Lom
- 1989-90 John B. Heck
- 1990-91 James M. Porter

- 1991-92 Stephen M. Fedie
- 1992-93 Donald M. Eppelheimer
- 1993-94 Gerhard W. Pierce
- 1994-95 Bruce E. Anderson
- 1995-96 Forrest K. Moe
- 1996-97 Kevin R. Schnack
- 1997-98 Thomas A. Ley
- 1998-99 Mark Halderson
- 1999-00 Mike Byars
- 2000-01 Eugene McNurlen
- 2001-02 Wane Baker
- 2002-03 Brian Reynolds
- 2003-04 Susanna Hanson
- 2004-05 Ed Swan
- 2005-06 Bill Fox
- 2006-07 Lane Liudahl
- 2007-08 Dwayne Johnson
- 2008-09 Rick Heiden

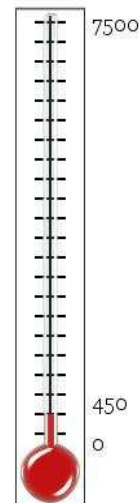
ASHRAE Research Promotion

by Rick Heiden, Research Promotion Chair

The 2009-2010 ASHRAE Research Promotion Campaign is upon us. Last year we reached \$6742 which was a 5 year high for our chapter. Thank you for your support. This year's goal is \$7500. Please consider donating online at https://www.ashrae.org/aboutus/resource_promotion.asp or contact any of the board members.

Thank you to the donors so far this year:

2009-2010 ASHRAE RESEARCH PROMOTION LA CROSSE CHAPTER	
Individuals	Organizations
Larry Butz	
Bob Doerr	
Ken Schultz	
Hugh Boschert	
Rick Heiden	



We're on the web
www.ashraelacrosse.org