



59th Annual SWRA-RSES Educational Conference and Trade Show

“Highway to Knowledge”

March 5-7, 2009

FREE – Trade Show and Lunch – FREE

Friday March 6th – 11:00 A.M. to 2:00 P.M

Thursday March 5th – TDLR Continuing Education Class

For more information and registration form go to www.rses-swra.org

Educational Training Sessions

Only \$10.00 for all Educational Sessions Friday and Saturday

Friday March 6th

8:30 to 11:00 A.M. – Education; 2:00 to 6:00 P.M. – Education

Saturday March 7th

8:00 to 11:00 A.M. – RSES SM/CM/CMS and NATE Exams

8:30 to 11:50 A.M. – Education

11:50 A.M. – Special Door Prize Drawings For Saturday – Must be in attendance Saturday

For more information and registration forms for the Conference Education go to www.rses-swra.org

See you on that “Highway to Knowledge” at: **Williamson Conference Center** behind **Wingate Inn & Suites**,
1209 North IH 35, Exit 253; Round Rock, Texas 78664; (512) 341-7000

59th SWRA EDUCATIONAL SCHEDULE

One Time Charge Of \$10.00 For All Educational Sessions On This Page – FREE Vendor Show And Lunch For All!!

FRIDAY MARCH 6TH

- 8:30 AM **KEN MARSH – PSYCHROMETRICS**
Mr. Marsh is retired from Hussman / Krack Coil Companies as a design engineer of coils and refrigeration systems. Previous to that he was employed by Bohn Refrigeration. Mr. Marsh will review how to read the psychrometric chart and use the readings in practical applications.
- 9:40 AM BREAK
- 9:55 AM **KEN MARSH – PSYCHROMETRICS**
- 11:00 AM **NO CHARGE FOR VENDOR SHOW; PLUS FREE LUNCH**
- 2:00 PM **RUSSELL HARJU - Fieldpiece**
EFFICIENT TESTING FOR EFFICIENT SYSTEMS
The Problems Caused By Lack Of Testing ; The Importance Of Proper Testing;
Superheat – Subcooling - Target Evaporator Exit Temperature
- 2:55 PM BREAK
- 3:05 PM **RUSSELL HARJU - Fieldpiece**
EFFICIENT TESTING FOR EFFICIENT SYSTEMS
- 3:50 PM BREAK
- 4:00 PM **STEVE SOLOMAN – Hill and Associates**
Part 1 - The Future Of Commercial Duct Mount Smoke Detectors, SYSTEM SENSOR
Part 2 - True RMS Is Necessary For The HVACR Industry
- 4:45 PM BREAK
- 5:00 PM **CHRIS VAN RITE – M & M Manufacturing**
New Data on Air Flow Performance in Flexible Duct vs. Round Sheet Metal Duct
The presentation outlines new airflow values derived from research which was co-funded by the Air Distribution Institute, ASHRAE and TXU and conducted at Texas A&M University Energy Systems Laboratory. Guidelines referencing these new values are appearing in ASHRAE Energy Design Guide publications, 2009 ASHRAE Fundamentals Handbook and in revised editions of ACCA Manual D.
[New Ductulators derived from this research will be presented to all attendees.](#)
- 5:45 PM End Of Educational Sessions For Today, Continued Tomorrow

SATURDAY MARCH 7TH

- 8:00 AM **EXAMS**
- 8:30 AM **RICK ENGLEKING - GREEN MOTORS / Michael Sales Group**
- 9:25 AM BREAK
- 9:35 AM **STEVE WOOD – KICKSTART / Texas Reps**
- 10:30 AM BREAK
- 10:35 AM **Jim Rosenthal - Tex-Air Filters**
"Testing the Pressure Drop of HVAC Filters"
Jim Rosenthal, CEO of Tex-Air filters, will be setting up his filter "test duct" to measure the pressure drop and efficiency of at least 20 different filters of various thicknesses, construction, manufacturers, and efficiencies. These filters come from hardware and home improvement stores as well as sources for commercial filters. He will prove how air velocity, filter media density and filter media area all have an effect on pressure drop.

Do you have a filter you would like to see tested? Just bring it with you and we can all see the results. The test duct is 24"x 24" and the filter rack will hold filters of 1", 2" or 4" in thickness.

You will not want to miss this lively presentation!!
- 11:50 AM **Special Door Prize Drawings;** 11:55 End of Education

TRADE SHOW VENDORS

AMERICAN HERMETICS

BACHARACH INSTRUMENTS

BAKER DISTRIBUTING

COOPER-ATKINS

EMERSON

FIELDPIECE INSTRUMENTS

GLOBAL

HYDRO-BALANCE

INSCO DISTRIBUTING

JB INDUSTRIES

JOHNSON SUPPLY

K-FLEX USA

LUCAS-MILHAUPT

M & M MANUFACTURING

THE MIL-ROSE COMPANY

NUCALGON

RECAPCO

RECTORSEAL

RUSSEL / HPT

TECUMSEH

TEXAS DEPARTMENT OF LICENSING AND REGULATION

UNICO

UNIWELD PRODUCTS, INC.