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Upcoming Events:

- January 13th – Dinner Meeting
- January 24th/28th – ASHRAE Winter Conference
- January 28th – Mentoring Minds
- February 27th – Annual Golf Tournament
- March 17th – Dinner Meeting
- April 24th – Annual Shrimp Boil
- May 19th – Dinner Meeting

For More Information:

<http://www.ashrae-fwc.org/>

From the Desk of the President Joseph Souza



Happy New Year!

January is upon us again, and ASHRAE members know that January is synonymous with the Winter Meeting. Chicago is hosting the event again this year so I'm sure that we're in for a bit of a shock... I'm told that their weather is slightly different from ours here in West Florida so don't forget your jacket. Oddly (from my perspective anyway) the Chicago Winter Meetings tend to be the best-attended events, and the 2015 conference should be a great one. The keynote speaker is Aron Ralston, you may not know the name off the top of your head but I'm guessing that you have heard of his story. Aron was the Colorado hiker that suddenly found his hand trapped between boulders, and freed himself six days later by cutting off his hand with a Leatherman knife. Do you recall him now? Aron went on to design his own prosthetic arm and returned to mountain climbing, skiing and rafting - refusing to succumb to his circumstances. Interestingly, Aron was an ASHRAE member for 5-years and served on the TC 9.11 committee. I encourage our members to attend the conference and enjoy all of the activities, food and culture that Chicago has to offer.

After several unusual and somewhat esoteric speakers, FWC is pleased to welcome Mr. Paul Doppel to present at our January dinner meeting, where he'll bring us up to date with the latest on ASHRAE 15 issues. Likewise, our YEA and Student Activities committees have arranged for the dean of the USF engineering dept. to attend the meeting this month so I urge all of our members to make an effort to show up at the meeting. We really would appreciate your support with FWC's effort to help USF understand the opportunities that the ASHRAE-FWC/USF partnership affords their students.

That's all I have for now, and I hope to see everyone in Chicago, and remember to RSVP to your elected hospitality events ASAP! The Chicago Fire Marshall is brutal and their room occupancy limits have no fudge factor... you will be locked out when the event is full.



Research Promotion currently at 55.5% of goal...see Page 10

January Meeting



January Dinner Meeting

“ASHRAE Standard 15:F³ Facts Fiction and Future”

- A. What are the basics of the current standard?
- B. How does VRF work with the current standard?
- C. What is the FICTION and how do we deal with IT?
- D. What makes sense for the FUTURE of ASHRAE Standard 15?

Tuesday January 13th, 2015

Columbia Restaurant—Ybor City

2117 East 7th Avenue, Tampa, Florida 33605

RSVP Now

Or go to: <http://www.ashrae-fwc.org/events/january-dinner-meeting-1/>

**Cost: \$35 thru Paypal or
\$40 day of event**

Registration

5:00-6:00

Dinner Meeting

6:00-8:00 PM

For our January meeting we will have Mr. Paul Doppel to address applying ASHRAE Standard 15 with Variable Refrigerant Flow Systems. Mr. Doppel has over 36 years experience in the HVAC Industry, Served as Chairman of the TC 8.7 Variable Refrigerant Flow Committee of ASHRAE from 2010 to 2012 and currently is the chairman. In 2009, Doppel was honored by AHRI with the Richard C. Schulze Distinguished Service Award, which is presented annually to individuals recognized for their unique contributions to the HVACR industry. He is a graduate of the United States Military Academy at West Point and retired from the United States Army Reserves after 30 years of service.

Paul L. Doppel
Senior Director, Industry & Government Relations
MITSUBISHI ELCTRIC Cooling & Heating



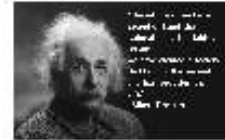
1 PDH Credit hour will be provided.

E-Mail questions to Joe Cox at: jcox@sladerossinc.com or call: 813-250-0488

January Mentoring Minds



Mentoring Minds Meeting Notice
Wednesday January 28, 2015



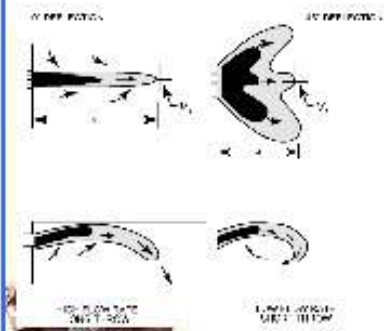
Fundamentals of Air Distribution

The Florida West Coast Chapter is proud to announce the program series designed to help give back to the engineering community by teaching core fundamentals of our trade. One of ASHRAE's core commitments is as follows:

"We are committed to the advancement of the arts and sciences of HVAC&R for the benefit of society through research, technology development and transfer, and education and training".

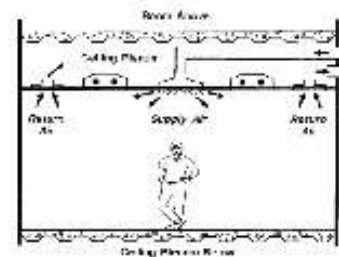
This series of programs is designed to help provide a basic understanding of HVAC engineering! Tonight's topic is going to cover the fundamentals of Air Distribution systems! The evening will cover the following:

- **Air Distribution Fundamentals**
 - o Air Distribution Principles
 - o Air Distribution Acoustics
- **Air Distribution Concepts**
 - o Underfloor air Distribution
 - o Displacement Ventilation



Mentor for the Evening
Al LaPera
CxA, EMP BD+C, O&M, GGP
TLC Engineering for Architecture

TLC Engineering for
Architecture Office
500 North Westshore Blvd
Suite 435
Tampa, FL 33609



Class Starts: 6:15PM
Cost \$10

Meal choices are as follows:
Pizza, Pizza, Pizza and a drink!

Need RSVP to

Malia.Powers@carner.utc.com

February Golf Tournament



Annual Golf Tournament
 Friday, February 27th, 2015
 @ 12:30pm

Sponsorship Levels:

- \$2,000.00.....Event Sponsor (Due by Feb 3)
 Includes: 4-some, Company name/logo embroidered on sleeve of polo shirt given to each golfer & volunteer
- \$1,000.00.....Golf Ball Sponsor
 Includes: Company name/logo on Tournament Golf Balls given to all Golfers
- \$700.00Gold Team Sponsor...save \$50
 Includes: 4-some Golf Team + Tee Box Sign (1) + Hole Pin Flag (1)
- \$560.00Silver Team Sponsor...save \$40
 Includes: 4-some Golf Team + Tee Box Sign (1)
- \$520.00Bronze Team Sponsor save \$30
 Includes: 4-some Golf Team + Hole Pin Flag (1)
- \$400.00Tote Gift Bag Sponsor
 Includes: Company name/logo recognition on Tote Gift Bag given to all Golfers
- \$500.00Golf Cart Sponsor
 Includes: Company name/logo recognition on each Golf Cart
- \$600.00Lunch Sponsor
 Includes: Company name/logo recognition on signage at Lunch serving station
- \$1,000.00.....Golf Towel Sponsor (Due by Feb. 3rd)
 Includes: Company name/logo on Golf Towel given to each golfer
- \$300.00Putting Contest Sponsor
 Includes: Company name/logo recognition on signage at Putting Contest
- \$1,000.00.....Awards Dinner Sponsor
 Includes: 4-some, Company name/logo recognition on signage in Clubhouse during Awards Dinner
- \$200.00Tee Box Sponsor
 Includes: Company name/logo featured on a sign prominently displayed at a Tee Box
- \$150.00Longest Drive Sponsor
 Includes: Company name/logo recognition on signage at Tee Box for hole
- \$150.00Closest to the Pin Sponsor
 Includes: Company name/logo recognition on signage at Tee Box for hole
- \$150.00Flag Sponsor
 Includes: Company logo featured on weatherproof Pin Flag placed at hole on course / returned to sponsor after event
- \$100.00Individual Golfer
 Includes: Bag Lunch, Practice @ Range, Gift Bag, Golf & Cart Fee, and Awards Dinner

Donations of your company's logo items are also welcome for inclusion in the participant Gift Bag or as Raffle Prizes

Location: The Eagles Golf Club of Tampa Bay
 Forest Course
 16101 Nine Eagles Dr.
 Odessa, FL 33556
 Ph# 813.920.6681



Special Contests.....Longest Drive hole, Closest to the Pin hole, and Putting Contest

Schedule: 10:30amRegistration Begins, Practice at the Range, Receive bag lunch
 12:30pmShotgun Start of Golf Tournament (4-person Scramble format)
 5:30pmReception and Awards Dinner (approximate time)

ASHRAE FWC - 2014/15 Committee Chairs

Gripes and Accolades – Joe Souza
Programs – Joe Cox
Research Promotion – Mike Costello
Membership Promotion – Ike Crimm
Student Activities – Dan Ronmosky
Government Activities - Chris Pille
Reception – Ethan Grabill
YEA – Malia Powers
Sustainability – Leon Boe
Continuing Education – Al Lapera
Special Events – Ethan Grabill
Refrigeration - Chris Pille
bEQ – Don Herrmann

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egrabill@commercial-products.net
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don@dcherrmann.com

December Holiday Party Photos

Submitted by Joe Cox

We had a great turnout last month at the Holiday Party. Here are some photos:





December Yuengling Brewery Tour Photos Submitted by Chris Martinez

Special thanks to Heat Pipe Technologies for sponsoring the event!







Research Promotion Submitted by Mike Costello

Many of you might not know, but ASHRAE raises millions of dollars every year that is used for research projects. The result of these projects creates the standards and guidelines that we all use every day. Each and every dollar raised goes 100% toward research. I am tasked this year with raising \$30,000 here locally for research. **I NEED YOUR HELP!**

Over the last few years I have been working closely with the ASHRAE USF Student Branch. We have built a large interest with the students and they are eager to pursue our industry. I have made it my personal mission this year to try and bring ASHRAE research money to USF. Let's give them some experience now that sustains their enthusiasm for HVAC after graduation. These students are our future employees!

Please make your contributions early this year either by check 'Payable to ASHRAE RP' and turn them in to me or if you prefer you can make online donations at:
www.ashrae.org/contribute

If you make a donation online, please forward me a copy of the emailed invoice so I can ensure that proper credit is given. I can be contacted at mcostello@cea-engineers.com.

So far we are at 55.5% of goal. Deadline is June 30, 2015. I'd like to personally thank each and every investor so far. Below is where we currently stand:

ASHRAE Research Investors 2014-2015			
Individual Investors		Company Investors	
HR = Honor Roll participants \$100 min		HR = Honor Roll participants \$150 min	
Joe Souza	\$333.96	\$30,000	Original Solutions Company \$250.00
Isaac Crimm	\$113.00	\$29,000	Consulting Engineering Associates \$250.00
Joe Cox	\$101.00	\$28,000	Smith & Casady \$250.00
Debie Horsey	\$101.00	\$27,000	Carrier Corporation \$5,000.00
Malia Powers	\$101.00	\$26,000	LG / VCS \$5,000.00
Leon Boe	\$101.00	\$25,000	Clay Shoot Fundraiser \$3,228.27
Jason Proctor	\$101.00	\$24,000	
Mike Costello	\$101.00	\$23,000	
Dan Rogers	\$606.86	\$22,000	
Jennifer Isenbeck	\$201.00	\$21,000	
Shawn Jeffrey	\$248.64	\$20,000	
Ross Montgomery	\$100.00	\$19,000	
Ted Hansen	\$475.21	\$18,000	
		\$17,000	
		\$16,663	
		\$16,000	
		\$15,000	
		\$14,000	
		\$13,000	
		\$12,000	
		\$11,000	
		\$10,000	
		\$9,000	
		\$8,000	
		\$7,000	
		\$6,000	
		\$5,000	
		\$4,000	
		\$3,000	
		\$2,000	
		\$1,000	
		\$0	
Updated 12/01/14		Florida West Coast Chapter Donation	
		Current Campaign Total - \$16,662.94	55.5% of Goal
		Campaign Goal - \$30,000	Money Required for Goal - \$13,337.06

SPONSORS!!!

Want your business card here and reach out to over 1000 people monthly? See the next two pages for pricing.


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"We Service What We Sell"

2014-2015 NEWSLETTER AND WEBSITE ADVERTISING PRICING PACKAGES

ASHRAE (formerly known as American Society of Heating, Refrigerating and Air Conditioning Engineers) is a building technology society with more than 50,000 members worldwide. The Society and its members focus on building systems, energy efficiency, indoor air quality, refrigeration and sustainability within the industry. Through research, standards writing, publishing and continuing education, ASHRAE shapes tomorrow's built environment today.

ASHRAE was founded in 1894 at a meeting of engineers in New York City and has held an annual meeting since 1895. Until 1954 it was known as the American Society of Heating and Ventilating Engineers (ASHVE); in that year it changed its name to the American Society of Heating and Air-Conditioning Engineers (ASHAE). Its current name and organization came from the 1959 merger of ASHAE and the American Society of Refrigerating Engineers (ASRE). The result, ASHRAE, despite having 'American' in its name, is an influential international organization. Amongst other international activities, it helps organize international events.

The society promotes the design and installation of HVAC systems at the highest levels, through publication of Data Books and Handbooks covering all relevant topics, legislative involvement, establishment and support of a research foundation, and standardization of design qualifications.

The Florida West Coast Chapter of ASHRAE was chartered in February 1956 to promote industry standards and best practices at the local level. The local chapter enjoys a strong meeting participation, and generates operating revenue through chapter activities like the annual golf tournament, sporting clay shoot, and specialized learning opportunities with visiting lecturers. A large portion of the proceeds from these activities goes to establish and maintain various local college scholarships, to promote further interest in the HVAC engineering profession following graduation.

Along with the aforementioned activities, our most our most valuable resource for generating operating capital remains chapter sponsorships through paid advertisement. Via its monthly newsletter and newly updated website, <http://www.ashrae-fwc.org/>, the Florida West Coast Chapter of ASHRAE is a resource for its members, and can be an effective tool for promotion of your company, product, or service.

The newsletter is published 10 times per ASHRAE year (September through June of the following year), and is distributed via email ahead of the monthly chapter meetings. In each newsletter, the chapter officers contribute articles that focus on industry happenings, legislative changes, educational opportunities, and more. The current email recipient list is over 1,000 individuals. The chapter website is updated monthly, and includes information on upcoming events, event photographs, posts resumes and career opportunities, and contains useful links to industry resources. The website currently has over 20,000 individual IP computer hits since its launch in September 2013.

2014-2015 NEWSLETTER AND WEBSITE ADVERTISING PRICING PACKAGES

Please consider advertising in the Florida West Coast Chapter of ASHRAE's newsletter and/or website. Your advertisement is published 10 times per ASHRAE year in the emailed newsletter, and can be updated at any time with a new copy if desired. Advertising on the website includes a revolving advertisement at the bottom of each webpage that contains a link to your company website. The chapter encourages its members to review the newsletter and website whenever they consider a product for the project designs.

For the 2014-2015 year, the Chapter Board of Directors has decided upon the following rate as detailed below. In appreciation of the support from our sponsors during this difficult economic time, we want advertising in the chapter newsletter and website to remain affordable and accessible.

2014-2015 ASHRAE FWC Advertising Rates (All Rates are for the ASHRAE Year - September 2014 through June 2015)		
Ad Type and Size:	ASHRAE FWC Members Fee:	Non-Members Fee:
10 Monthly Newsletter Ads (Business Card Size) <i>Reaches over 1,000 people per month!</i>	\$100.00	\$150.00
10 Month Website Ad (Business Logo and Link Included) <i>Website has over 20,000 hits!</i>	\$250.00	\$300.00
10 Monthly Newsletter Ads and 10 Month Website Ad	\$300.00 <i>A savings of \$50.00!</i>	\$400.00 <i>A savings of \$50.00!</i>

Please indicate your interest in advertising with us by responding to the email address below and remit your business card and/or logo in either PDF or JPEG formats to Mike Costello. Please send payment to the address below made out to "ASHRAE Florida West Coast". Advertising fees shall be prorated based on the number of newsletter editions and website months remaining upon the purchasing of your advertising plan.

Thank you for considering ASHRAE Florida West Coast Chapter's newsletter and website in your advertising strategy!

mcostello@cea-engineers.com

ASHRAE Florida West Coast Chapter
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