

NEWS & VIEWS

June, 2016

The Pacific NW Heating Cooling Association Serving
Oregon and SW Washington



P.O. Box 87907
Vancouver, WA. 98687-7907
360-834-3805
dick@oracca.org

June 2nd @ Johnson Air Engineer in your Pocket



The **June ORACCA** meeting is scheduled to be held at **Johnson Air, 2220 SE Ninth Ave., Portland, OR 97214** at 11:30AM, Thursday, June 2nd.

Lunch is being provided by Johnson Air, (Honey Baked ham), so bring your appetite and join your fellow HVAC contractors to network and learn about new ways and products to help your business. Additional parking has been arranged. **This meeting offers one NATE CEU for attendees.**

Our presenters are **Marcia Karr, PE.**, a mechanical engineer with more than 30 years' experience in engineering, construction maintenance and you may recognize her for her work as a building codes plans examiner with the City of Portland.

Tim Trantham, Pacific Product Sales, our second presenter, will be discussing the merits of the ERV in today's markets. Specifically the Panasonic model FV-04VE1.

Marcia will be discussing a tool for contractors and others who service commercial buildings and she would also like to introduce a new way to generate hot water, called Combined Heat and Power, CHP. This is a technology that will be incorporated in all buildings to some degree.

Contractors need to be aware and prepared for sales and service of this technology. It is as revolutionary as VRF was 10 years ago.

But first, she will talk about Engineer in a Pocket, which allows you to show your customers how much energy they will save by upgrading their mechanical equipment in commercial buildings.

EIP bridges the gap between deemed energy conservation measures and expensive engineering analysis.

Most energy audit tools are too expensive or complex to be used effectively by small commercial customers. Engineer in a Pocket (EIP) is a cost effective, high-powered calculator that puts the power of site-specific engineered analysis in the hands of those who service commercial buildings such as restaurants, schools, office buildings, and correctional facilities.

Contractors know they can save customers money on their energy bills, but building owners require independent, reliable analysis before they will invest in energy conservation. With the EIP, customers can see for themselves how long it will take for energy conservation measures to pay their investment back.

The EIP user interface is Excel-based for your convenience and familiarity. Enter your data and then click the "Calculate" button to perform computations for your

(continued Page 2)

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What?

Engineer in your Pocket
Panasonic ERV

When?

11:30AM, June 2nd.
at Johnson Air
8111 NE Holman St.
Portland, OR. 97218

Technician Training Day

specific building using hourly weather data at your site. Graphics and tables that demonstrate the cost effectiveness of your proposal are generated on the spot to deliver to your customer.

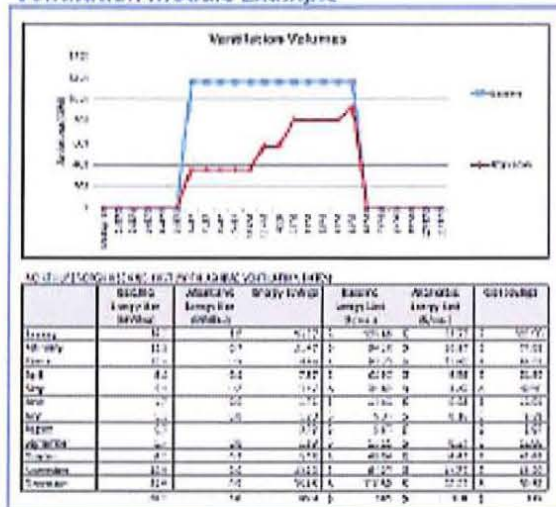
EIP bridges the gap between deemed energy conservation measures and expensive engineering analysis. With the EIP, a contractor can answer the questions clients have about energy savings recommendations:

- Why should I spend more money?
- How much will I save?
- What is the payback?

EIP includes modules that perform complex analyses of mechanical measures using site specific data, such as:

- Adding a damper and sensors for demand controlled ventilation
- Adding a heat recovery unit
- Installing higher efficiency HVAC equipment
- Adding motorized dampers in louvers
- Adding humidity control
- Adding programmable thermostats

Ventilation Module Example



EIP has a solid basis to produce an accurate estimate of savings:

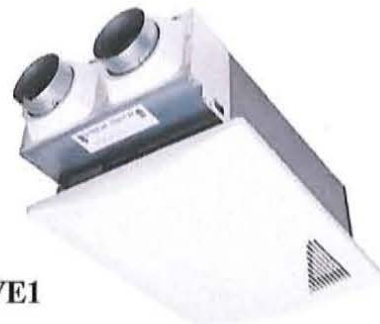
- Hourly weather data for a weather station near your site
- Your hours of operation
- Utility rates
- Occupancy classification
- ASHRAE recommendations
- Good engineering practices

Next, Tim Trantham will showcase the Panasonic ERV.

The Panasonic WhisperComfort Spot Energy Recovery Ventilator (ERV) offers a revolutionary way to provide balanced ventilation with a ceiling insert ERV. Ideal for up to 1600 Sq. Ft., the Panasonic FV-04VE1 WhisperComfort Spot ERV Ceiling Insert Ventilator provides a low rate of continuous air exchange.

This insert supplies fresh air to replace exhausted air helping to balance air pressure within the home and meets ASHRAE 62.2 requirement. Panasonic WhisperComfort spot ERV uses two 4-Inch ducts, one duct to exhaust stale air and the other to supply fresh air from outdoors.

With a .8 sone level and rated 40 cubic feet per minute, its low rate, continuous run ensures chemicals such as volatile organic compounds and other pollutants from cleaning fluids and building materials are vented out and replaced with fresh air.



FV-04VE1



ORACCA distributes NEWS & VIEWS on a monthly basis to members and selected non-members, so that all those in the HVAC/R industry can keep informed of issues regarding our trade, and Chapter activities. We hope the non-members will see this newsletter as an example of the quality services that ORACCA provides. Contributions or suggestions can be faxed to Association Headquarters at 503-914-1999 or emailed to dick@oracca.org



Making a Difference in Air

www.johnsonair.com

GENSCO

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FEDERATED
INSURANCE 

SPONSOR OF THE MONTH



Making a Difference in Air

www.johnsonair.com

TRAINING/ TESTING

Portland Area Training

Brazing Certification Test, June 10, 2016, PCC @ Swan Island Facility

NATE Gas Heat Training/Test, September 3, 2016, NW Natural, Portland, OR.

Registration forms are located on the ORACCA website under the training tab. This link takes you to the page. <http://www.oracca.org/testing-training/>

Not a member? We'd love to serve you, too.

For additional information visit www.oracca.org or call 360-834-3805. Email dick@oracca.org

THE ORACCA CHALLENGE GOLF TOURNAMENT

Oregon city Golf Course at Lone Oak

July 18, 2016 - 1:00PM Tee Off

ORACCA



Oregon City Golf Course at Lone Oak
20124 S. Beaver Creek Rd.; Oregon City, OR 97045
503-518-2846

- Open to all ORACCA members, Guests and non-members. All skill levels encouraged to play
- Scramble format play - Shotgun start
- 1 & 2 place team prizes
- Longest Drive and KP prizes
- 50 - 50 putting contest.

Green Fees are \$99.00 per Member or Non Member Guest* and \$125.00 for Non Members and include:

** ORACCA members can sponsor as many guests as they wish for the member price.*

Guest names must be shown on the member registration form.

18 holes of golf and 1/2 cart

Dinner Sponsored by NW Natural after Golf

Golf prizes

And more fun than you can imagine!

Download a Registration online Today at www.oracca.org

Please Register by Friday, July 15, 2016

2016 ORACCA CHALLENGE GOLF TOURNAMENT REGISTRATION FORM



Please Register before Friday, July 15, 2016*
2016 ORACCA CHALLENGE GOLF TOURNAMENT REGISTRATION FORM
Registration will be first come, first served, so register early

Individual Registration

First Name: _____ Last Name: _____
Company: _____
Address: _____
City: _____ State: _____ Zip: _____
Phone: _____ Fax: _____

My three most recent golf scores ____ - ____ - ____ or handicap _____

Additional Registrations

In addition to my registration, I have two, three or four additional players to register.
(if you register individually you will be assigned to a foursome.)

Name: _____ Last (3) 18-hole scores: ____ - ____ - ____ or handicap: _____
Company: _____ Address: _____ Phone: _____
Name: _____ Last (3) 18-hole scores: ____ - ____ - ____ or handicap: _____
Company: _____ Address: _____ Phone: _____
Name: _____ Last (3) 18-hole scores: ____ - ____ - ____ or handicap: _____
Company: _____ Address: _____ Phone: _____

Fee Schedule: July 18, 2018 at Oregon City (tee off at 1:00PM).

- ☐ Group registration form(s) & payment are enclosed for the tournament
☐ Individuals will mail registration form(s) and/or payment under separate cover.

_____ Golf Tournament Reservations @ \$99.00 each* (Member/Guest Rate) \$ _____
_____ Golf Tournament Reservations @ \$125.00 each (Non Member Rate) \$ _____

Total Enclosed \$ _____

** ORACCA Members can sponsor as many non member guests as they wish at the member rate.
See registration requirements on front page. Fee includes: 18 holes, 1/2 cart**, dinner & prizes.*

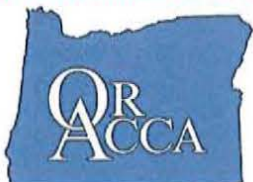
Method of Payment

If paying by credit card we need the credit card billing address to be able to process.

Is this a corporate card? ☐ Yes ☐ No
☐ Check (Enclosed) ☐ Visa ☐ Mastercard ☐ American Express

Card #: _____ Exp. Date: _____ Amount Authorized: _____
Name of Cardholder: _____ Signature: _____
Billing Address: _____ Zip: _____

Cancellation Policy: Cancellations must be received on or before July 11, 2016 to receive a full refund. A 50% refund will be given after that date. No shows and same-day cancellations will not receive a refund.



Complete and return, with payment made out to ORACCA

P.O. Box 87907, Vancouver, WA. 98687-7907
Fax 503-914-1999 or register online at www.oracca.org
Questions? Call 360-834-3805 or dick@oracca.org



**** Registrations received after July 15, 2016 may not have a cart available as we have to order extra carts for the tournament. So register early or you may have to walk the course.**



ORACCA

Vendor Support Commitment Form

ANNUAL ORACCA Golf Tournament

July 18, 2016



Yes, our company would like to help make this Golf Tournament a resounding success. We would like to commit to the following:

	Amount
Tournament Sponsor	_____ \$2,000.00
Banquet Platinum Sponsor	_____ \$1,000.00
Gold Sponsor	_____ \$ 750.00
Beverage Cart - Gold Sponsor	_____ \$ 750.00
Silver Sponsor	_____ \$ 500.00
Hole sponsorship	_____ \$ 300.00 ea.

Each hole sponsor receives signage and advertising in the tournament program)

List the hole(s) number(s) you wish to sponsor _____

Holes Sponsors are entitled to man a game booth at their sponsored hole. Prizes for hitting within a circle at the hole, or answering product quiz questions are examples of games.

Prize Contribution (Cash or Product, Please list and give a value) _____

Method of payment: _____ Check enclosed _____ Please Bill Us, P.O. # _____
Credit Card MC • Visa • AMEX Card # _____ Exp Date. _____
Signature _____

Sports Tournament -- YES, in addition to this general contribution, we will make the following contribution of equipment (balls, tees), prizes, giveaways (caps, visors, towels), etc. to the ORACCA Golf Tournament:

All Vendor Contributions will be recognized and acknowledged during and after the tournament. To appear in the printed program for the Tournament, commitments must be received by July 14, 2016.

Signed _____ Date _____
Name (Printed) _____
Company _____
Address _____
City _____ State/Province _____ Zip _____
Phone AC() _____ FAX AC() _____



Return this fact sheet along with your Golf Registration Form to:

ORACCA
P.O. Box 87907
Vancouver, WA. 98683-3461
Voice 360-834-3805
FAX 503-914-1999



Thermal
SUPPLY INC.

Hilmor



New ORACCA Member Benefit HILMOR TOOLS

The program is simple:

- 1. Have your employee identify themselves as working for an ORACCA member company and receive the special pricing.**
- 2. The Thermal counter staff will verify membership through a list supplied by ORACCA.**
- 3. Receive the discounted price, regardless of it being a cash transaction or company charge.**



At this point we will only be offering the preferred pricing on Hilmor tools. There is potential to expand depending on the success of the program.



Every technician needs the proper tools to perform their jobs, so ORACCA has a new member benefit for member technicians.

Thermal Supply and Hilmor Tools have made arrangements to give ORACCA members, the company and their employees, an additional discount off their normal price.

This means that ORACCA members and their employees needing tools can identify themselves as members and automatically receive a better price on the amazing line of Hilmor tools at any Thermal Supply Branch, in Oregon or SW Washington. For the Contractors and their employees it's as simple as following the above three steps.

To see some of the items available, Thermal has prepared a brochure listing the various tools in the Hilmor line. This brochure is on the ORACCA website. www.oracca.org. Use this link to get to the page. It is shown at the top of the page under the "tool list" tab. <http://www.oracca.org/oracca-hilmor-price-book-4/>

Hilmor has a rather robust collection of more than 170 HVAC/R products, and span five core technical categories including Pliers, Wrenches and Wire Strippers, Snips and Sheet Metal and Duct Tools, Screw driving and Tool Storage and Transport.

Pliers, Wrenches and Wire Strippers: Hilmor's family of pliers, wrenches and wire strippers give technicians the tools they can depend on and use in almost any situation, on any job, no matter the difficulty. This year, Hilmor introduced 24 new essentials to the line, including the Quick-Adjusting Tongue and Groove Plier, which simplifies grabbing ahold of hex, square or round fasteners while the jaw quickly adjusts with the press of a button.

With the exception of power tool accessories, gauges, hoses and electronics, which have a one year or three year warranty, all Hilmor hand tools have a limited lifetime warranty. Each tool is designed with all of the features you need and none of the ones you don't. They are made to work in the toughest environments. The kind you encounter – day in and day out.



<p>PRESIDENT <u>Mark DeFrancisco</u> Heat Relief 503/261-9915</p> <p>VICE-PRESIDENT <u>Dan Pfau</u> BlairCo 360-573-1331</p> <p>SEC-TREASURER <u>Loren Watts</u> Watts Heating 360-786-2858</p> <p>LEGISLATIVE- CODES - ENERGY <u>Mert Gagle</u> Gagle's Htg. & AC 503/581-2972</p> <p>IMMED. PAST PRESIDENT <u>Buck Sheppard</u> 503/ 936-9672</p> <p>EDUCATION/ APPRENTICESHIP TRADE SHOW/ PROMOTION</p>	<div data-bbox="662 111 990 153">Planning Ahead</div> <div data-bbox="688 170 953 201">MEETING DATES</div> <div data-bbox="407 226 1245 627"> <p>A. January 7, 2016 - Rebate program roundtable with ETO, PGE, NWN, CCPUD & Air NW</p> <p>B. February 4, 2016 - Honeywell @ Mar-Hy - NATE CEU's (1.0)</p> <p>March 3, 2016 - Codes Update -@ PGE Wilsonville</p> <p>C. April 8, 2016 - Casino Night @ NW Natural, Sherwood</p> <p>D. May 3, 2016 - Thermal Supply Training Day - NWCC NATE CEU's (7)</p> <p>E. June 2, 2016 - Johnson Air Presentation@ Johnson Air NATE CEU's</p> <p>F. July 18, 2016 - Golf Tournament - Oregon City Golf Course</p> <p>G. August 2016 - No meeting</p> <p>H. September 1, 2016 -GENSCO Presentation @ NWCC - NATE CEU's</p> <p>I. September 10, 2016 -Shoot out Canby Rod & Gun Club</p> <p>J. October 06, 2016 - Daikin @ NW College Const. NATE CEU's</p> <p>K. November 3, 2016 - Johnstone training day @ NWCC - NATE CEU's</p> <p>L. December 1, 2016 - Xmas party @ Lennox</p> </div> <div data-bbox="380 722 818 942"> <p>Visit our Website for information on the association's activities. www.oracca.org</p> </div> <div data-bbox="824 659 1273 1113">  </div>	<p>BOARD OF DIRECTORS <u>Mark DeFrancisco</u> <u>Clyde Burton</u> <u>Mert Gagle</u> <u>Dennis Klink</u> <u>Dan Pfau</u> <u>Nathan Phillips</u> <u>Randy Preston</u> <u>Buck Sheppard</u> <u>Travis Smith</u> <u>Loren Watts</u> <u>Kelly Wilhite</u></p> <p>ASSOC. BOARD MBRS <u>Keith Barrow</u> <u>Larry Johnson</u> <u>John Karasaki</u> <u>Aaron Lazelle</u> <u>Stewart Mercer</u> <u>Marilyn Reed</u> <u>Jeff Schmidt</u> <u>David Zagorodney</u></p> <p>EXECUTIVE DIRECTOR <u>Suzanne M. Stilwill</u> Association Management 360/834-3805 Fax: 503/914-1999</p> <p>"We Meet The first Thursday of the Month"</p>
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ORACCA

Oregon Air Conditioning Contractors Association
P.O. Box 87907
Vancouver, WA. 98687-7907
360-834-3805

ORACCA, June 2nd
at Johnson Air Products

To:

Not a member? We'd love to serve you, too.

For additional information visit www.oracca.org or call 360-834-3805. Email dick@oracca.org