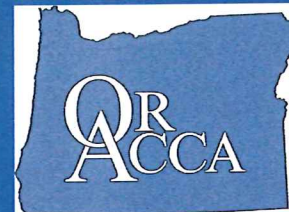


NEWS & VIEWS

September, 2018

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

September 13th @ NW College of Construction



The September ORACCA meeting will be held at the NW College of Construction, 8111 NE Holman St, Portland, OR 97218 at 11:30AM,, Thursday, September 13, 2018.

This meeting is sponsored by Geary Pacific and lunch is provided by Emerson/White Rodgers

Our presenter is Tim Burke Educational, Applications and Technical Services Manager | Emerson | White-Rodgers. His presentation will deal with Dual Fuel Heat Pumps and Staging Options This presentation qualifies for 1.0 NATE CEU and 1.0 CCB credit.

This training explains thermostat control choices available to a building designer in controlling the balance point staging and operation of a dual fuel heat pump to enhance energy efficiency and occupant comfort.

The course is taught from an HVAC building design standpoint. This course will give practical information that can be used by building design consultants in the design of Dual Fuel Heat Pump applications.

After completing this course, attendees will have an understanding and be able to apply knowledge in the application of:

- 1- Dual Fuel Heat pump system terminology
- 2- Manual "J", bin temperature, and equipment impacts on OAT balance point
 - a. Balance point calculations
- 3- Outdoor Sensors versus Algorithm Logic
 - a. Comparative between OAT sensors and logic, Pros & Cons
- 4- Impact of comfort versus economy of operation
- 5- Heat Pump Defrost and impacts on performance and cost of operation

Join us for lunch and a presentation vital to sales personnel, technicians and owners alike.

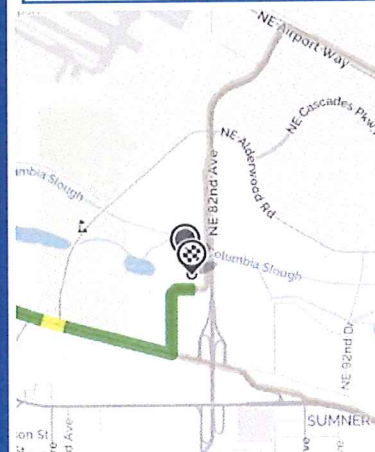
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What?

Emerson/White
Rodgers
Design Criteria

When?

11:30AM - 09/13/18
NW College of
Construction
8111 NE Holman St,
Portland, OR
97218



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TRAINING/TESTING


NATE Test, On Demand - Call ORACCA
for details and scheduling

CFC Test, On Demand - Call ORACCA
for details and scheduling

Brazing Certification Test, October 19, 2018,
PCC @ Swan Island Facility

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

PRESIDENT Mark DeFrancisco Heat Relief 503/261-9915	Planning Ahead	BOARD OF DIRECTORS Mark DeFrancisco Clyde Burton Mert Gagle Dennis Klink Dan Pfau Randy Preston Buck Sheppard Travis Smith Cory Streeter Loren Watts Kelly Wilhite
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SEC-TREASURER Loren Watts Watts Heating 360-786-2858	<p>A January 18 - Codes Update & Utility Update@NW Natural, Sherwood - NATE CEU (1.0), CCB CE (1.0)</p> <p>B. February 1 - Honeywell @ MarHy - NATE CEU (1.0), CCB CE (1.0)</p> <p>C. March 1- Cyber Security Presentation @ YORK , Tigard, OR- NATE CEU (1.0), CCB CE (1.0)</p> <p>D. April 19 - Codes Update, Mfg. Reps Presentation @ NW Natural, Sherwood- NATE CEU (1.0), CCB CE (2.0)</p> <p>E. May 3 - Training Day @ Johnstone Corp. - NATE CEU (8.0)</p> <p>F. June 7 - AIREFCO Presentation @ TBD- NATE CEU (1.0), CCB CE (1.0)</p> <p>E. June 9 - Shoot Out - Canby Rod & Gun Club</p> <p>G July 16 - Golf Tournamnet - Oregon City Golf Course</p> <p>G July 19 - Codes Update@NW Natural , Sherwood - NATE CEU (1.0) & CCB CE 2.0</p> <p>H. August - No Meeting</p> <p>I. Sept. 13 - Geary Pacific (Emerson/White Rodgers) Presentation @ NW Coll. of Constr. - NATE CEU (1.0), CCB CE (1.0)</p> <p>J October 18 - Codes Update@NW Natural, Sherwood - NATE CEU (1.0) & CCB CE 2.0</p> <p>K. Nov. 1 - Thermal Presentation @ NW Coll. of Constr. - NATE CEU (1.0), CCB CE (1.0)</p> <p>L. Dec. 6 - Xmas Party @ Lennox</p>	EXECUTIVE DIRECTOR Suzanne M. Stilwell Association Management 360/834-3805 Fax: 503/914-1999 "We Meet on Thursday !
LEGISLATIVE-CODES - ENERGY Mert Gagle Gagle's Htg. & AC 503/581-2972	<p>Visit our Website for information on the association's activities.</p> <p>www.oracca.org</p>	
IMMED. PAST PRESIDENT Buck Sheppard 503/ 936-9672		
EDUCATION/ APPRENTICESHIP TRADE SHOW/ PROMOTION		

ORACCA

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

ORACCA Meeting
September 13th@ NW College of
Construction

To:

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ORACCA Monthly Meeting

Geary Pacific Supply



Join Us for Emerson/White-Rodgers ORACCA Monthly Meeting

Instructor: Tim Burke | Educational, Applications and Technical Services Manager | Emerson | White-Rodgers

Date: Thursday, September 13, 2018

Time: 11:30am - 1:00pm

Location: Northwest College of Construction
8111 NE Holman St
Portland, OR 97218
*** Room 101***

Lunch provided by Emerson/White-Rodgers

Dual Fuel Heat Pumps and Staging Options **1.0 Hours**

After completing this course, attendees should understand the theory of Dual Fuel applications, design considerations and their impact on Balance Point Calculations.

This training explains thermostat control choices available to a building designer in controlling the balance point staging and operation of a dual fuel heat pump to enhance energy efficiency and occupant comfort.

RSVP: Lindsey Axberg 503-262-8202 Email: Lindsey@gearypacific.com

The course is taught from an HVAC building design standpoint. This course will give practical information that can be used by building design consultants in the design of Dual Fuel Heat Pump applications.

After completing this course, attendees will have an understanding and be able to apply knowledge in the application of:

1. Dual Fuel Heat Pump system terminology
2. Manual "J", bin temperature and equipment impacts on OAT balance point
 - a. Balance point calculations
3. Outdoor Sensors versus Algorithm Logic
 - a. Comparative between OAT sensors and logic, Pros & Cons
4. Impact of comfort versus economy of operation
5. Heat Pump Defrost and impacts on performance and cost of operation

Visit Us on the Web at: www.gearypacific.com