

# NEWS & VIEWS

Oct., 2022

The Pacific NW Heating Cooling Association  
Serving Oregon and SW Washington



P.O. Box 1949  
Vancouver, WA. 98668  
360-834-3805  
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## Thursday, October 6th ORACCA meeting

### THE CHANGES IN EFFICIENCY HVAC

**Anyone who is selling HVAC equipment in North America should attend this meeting, as all unitary equipment ratings will change effective January 1, 2023.**

ORACCA's October meeting will be a presentation by Jim Wheeler (Ruud District Sales Manager), who will discuss how these changes came about, and how they may impact certain federal / local incentives going forward.

Mar-Hy Distributors has provided ORACCA with a multi-page PDF (created by Ruud) detailing the changes and how they will impact the various regions across the United States.

**The meeting will be held at the Northwest College of Construction, 8111 NE Holman St, Portland, OR 97218, Thursday, October 6, 2022, at 11:00am. Lunch and door prize will be sponsored by AIREFCO.**

For those of you who live too far from Portland to attend in person, the meeting will be available to view on zoom. Paste this link into your web browser and join the presentation remotely.

This important stuff, so you may want to put the meeting on large monitor for your staff to view.

Join Zoom Meeting  
ORACCA October Meeting

<https://us06web.zoom.us/j/81524790119?pwd=MFZINLhGIDIVZNOHBSYUMQID9>

Meeting ID: 815 2479 0119

Passcode: 453625

One tap mobile

+16694449171,,81524790119#,,, \*453625#  
US

+16699006833,,81524790119#,,, \*453625#  
US (San Jose)

Effective in 2023, we will see significant **changes in energy efficiency criteria** and ratings that will affect residential and commercial equipment throughout the U.S. Soon afterward will be the national phase down of hydrofluorocarbon (HFC) refrigerants, which will mean a **transition to lower global warming potential (GWP) refrigerants** for air conditioning., A2L groups

The next set of energy efficiency increases will impact newly-manufactured residential and commercial equipment and will take effect on January 1, 2023. For single-phase residential and light commercial central air conditioning systems, the requirements will vary by region.

There is a huge change in how air conditioning efficiency is rated after January 1, 2023, which will increase the prices consumers will pay for minimum efficiency air conditioner and heat pump replacements. The federal government changed their rating system to account for the electrical consumption of the indoor fan that moved the air inside the home

**WHAT SHOULD YOU DO?** Stay in touch with your equipment distributor, they are in touch with the manufacturer.

Elite Platinum  
Corporate Partners



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Corporate Partners



#### WHERE:

Northwest College of Construction, 8111 NE Holman St, Portland, OR 97218,

#### WHEN:

Thursday,  
October 6, 2022,  
at 11:00am.

#### WHAT:

**THE CHANGES  
IN EFFICIENCY  
FOR HVAC  
EQUIPMENT**

# ORACCA ...Definitions

SEER: Seasonal Energy Efficiency Ratio. Specifically, the BTUs used for cooling by a system divided by the watts of power it uses over temperatures ranging from 64-105 degrees.

EXAMPLE:

- $24,000 \text{ btu} / 2400 \text{ watts} = 10 \text{ SEER}$ .
- $24,000 \text{ btu} / 1600 \text{ watts} = 15 \text{ SEER}$  (more efficient)

SEER2:

New efficiency rating starting 1/1/23, now include extra watts of power used by the fan in a typical home installation.

- $24,000 \text{ btu} / 1600 \text{ watts} + 60 \text{ fan watts} = 14.4 \text{ SEER2}$

EER: Efficiency of system at 95 degrees, not a range as in seer. Usually is lower, since the units produce more btus and consume less power in cooler temps.

HSPF: Heating Seasonal Performance Factor. A rating for heat pumps, heating BTUs divided by watts.

An Internet search on “SEER2” will bring up web pages from the major manufacturers and equipment distributors. Almost all of them have similar sites.

**All air conditioning systems purchased in the north region that do not meet the SEER2 requirements cannot be installed after January 1, 2023.**

	SEER	SEER2	HSPF	HSPF2	
AC	14.0	13.4			
HP	15.0	14.3	8.8	7.5	
SPP	14.0	13.4	8.0	6.7	

All HVAC systems installed in the north region are determined SEER2 compliant based on each systems manufactured date. The big change is the efficiency level that can be installed after 1/1/23 is now 13.4 SEER2 (equivalent to 14 SEER), up from 13 SEER today. Heat Pumps and Single Package Products (SPP) are affected as well, with raised SEER2 guidelines.

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## TRAINING/ TESTING

On-Demand Training /Testing. This means the tests are scheduled with both your availability and that of the the Proctor in mind. Once you feel comfortable to take the test, a date and place are set up through the ORACCA office. Call 360-824-3805 for information.  
These on demand trainng/testing sessions include the following:

**EPA 608 CFC Training/Test - Now Available!**

**NATE Training/Test Core, Gas Heat and Heat Pump**


**Brazing Certification Test,**

**October 14, 2022** at MarHy Distributors. Tests start at 8:00 and continue hourly til done. Get your registration now to ensure you will have a spot.

**December 16, 2022** at PCC , Swan Island Facility.

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

For additional information visit [www.oracca.org](http://www.oracca.org) or call 360-834-3805. Email [dan@oracca.org](mailto:dan@oracca.org)

<p><b>PRESIDENT</b>  <u>Mark DeFrancisco</u>  Heat Relief  503/261-9915</p> <p><b>VICE-PRESIDENT</b>  <u>Dan Pfau</u>  360-4834-3805</p> <p><b>SEC-TREASURER</b>  <u>Loren Watts</u>  Watts Heating  360-786-2858</p> <p><b>EDUCATION/  APPRENTICESHIP  TRADE SHOW/  PROMOTION</b></p>	<div> <div>Planning Ahead ....</div> <div>MEETING DATES 2022</div> <div> January 6th - Virtual Meeting - Insurance Audits- NATE CEU (1.0), CCB CE (1.0)  February 3rd - Virtual Meeting Earth Advantage - NATE CEU (1.0), CB CE (1.0) CCB CE (1.0)  February 25th - Brazing Test, location MarHy Distributors  March 3rd- Zoom Meeting Codes and Incentives - NATE CEU (8.0), CCB CE (1.0)  April 7th - ETO &amp; Trade Ally Network NW Updates - Virtual  May 5th - A2L Refrigerants MarHy Distributing, NATE CEU (1.0), CB CE (1.0) CCB CE (1.0)  May 20th - Brazing Test, MarHY Distributing  June 3 - XOi Technologies - AIREFCO Vancouver Branch  July 11 - Golf Tournament - Oregon City Golf Course It is on!!  August - No Meeting  Sept. 10th - Shoot Out - Canby Rod &amp; Gun Club  Sept. 27 - Business Practices Mar-Hy NATE CEU (1.0),  Oct. 6 - Efficiency &amp; Codes- NATE CEU (1.0),  Oct. 14th- Brazing Test, Location TBD  Nov. 3 - Brazing Presentation- NATE CEU (1.0), CCB CE (1.0)  Dec. 1 - Xmas Meeting. Happy Holidays at Lennox  Dec. 16 - Brazing Test, Location PCC Swan Island </div> </div> <div> Visit our Website for information on the association's activities.  www.oracca.org </div> <div>  </div>	<p><b>BOARD OF DIRECTORS</b>  <u>Mark DeFrancisco</u>  <u>Jason Breeze</u>  <u>Tim Burton</u>  <u>Amanda Jacobs</u>  <u>Jim Klink</u>  <u>Dan Pfau</u>  <u>Travis Smith</u>  <u>Richard Stilwill</u>  <u>Loren Watts</u></p> <p><b>ASSOC. BOARD MBRS</b>  <u>Keith Barrow</u>  <u>John Erickson</u>  <u>Eric Falk</u>  <u>Larry Johnson</u>  <u>John Karasak</u>  <u>Tom Newmani</u>  <u>Jeff Schmidt</u></p> <p><b>EXECUTIVE DIRECTOR</b>  <u>Dan Pfau</u>  Association Management  360/834-3805  Fax: 503/914-1999</p> <p><b>"We Meet on Thursday !"</b></p>
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# ORACCA

Oregon Air Conditioning Contractors of America  
P.O. Box 1949  
Vancouver, WA. 98668  
360-834-3805

ORACCA  
October 6th meeting

To:

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