

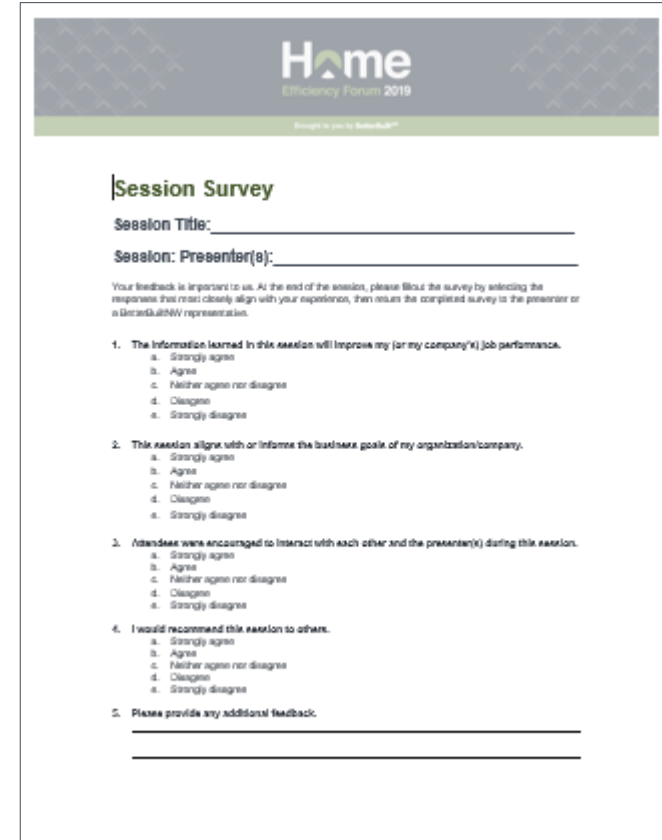
Beyond Code Points

Creating Lasting Success with Heat Pump Water Heaters

Session Survey Instructions

At the end of each session, you will be given 5 minutes to complete the session survey.

- Complete the survey using the mobile app or paper versions
- Provide the paper surveys to the room moderator or to the BetterBuiltNW table
- We appreciate your feedback



The image shows a printed survey form titled "Session Survey" for the "Home Efficiency Forum 2019". The form is designed for attendees to provide feedback on a session. It includes fields for "Session Title:" and "Session: Presenter(s):". Below these fields, there is a paragraph explaining the importance of feedback and instructions to return the survey to the presenter or a BetterBuiltNW representative. The survey consists of five numbered questions, each with five response options: "Strongly agree", "Agree", "Neither agree nor disagree", "Disagree", and "Strongly disagree". The questions are: 1. The information learned in this session will improve my (or my company's) job performance. 2. This session aligns with or informs the business goals of my organization/company. 3. Attendees were encouraged to interact with each other and the presenter(s) during this session. 4. I would recommend this session to others. 5. Please provide any additional feedback. The form has lines for writing answers and a space for additional feedback.

Home
Efficiency Forum 2019

Session Survey

Session Title: _____

Session: Presenter(s): _____

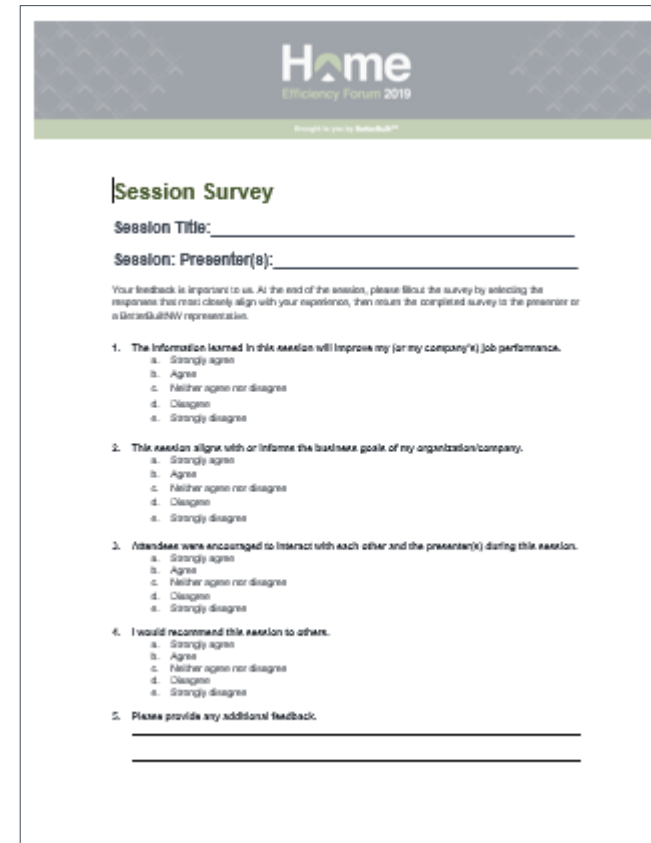
Your feedback is important to us. At the end of the session, please fill out the survey by selecting the response that most closely aligns with your experience, then return the completed survey to the presenter or a BetterBuiltNW representative.

1. The information learned in this session will improve my (or my company's) job performance.
 - a. Strongly agree
 - b. Agree
 - c. Neither agree nor disagree
 - d. Disagree
 - e. Strongly disagree
2. This session aligns with or informs the business goals of my organization/company.
 - a. Strongly agree
 - b. Agree
 - c. Neither agree nor disagree
 - d. Disagree
 - e. Strongly disagree
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4. I would recommend this session to others.
 - a. Strongly agree
 - b. Agree
 - c. Neither agree nor disagree
 - d. Disagree
 - e. Strongly disagree
5. Please provide any additional feedback.

Complete the Session Survey

Beyond Code Points. Creating Lasting Success with Heat Pump Water Heaters

- Kevin Clark
- Bruce Manclark
- Bobby Secker



The image shows a survey form titled "Session Survey" for the "Home Efficiency Forum 2019". The form is enclosed in a thin black border. At the top, there is a header with the "Home Efficiency Forum 2019" logo and the tagline "Brought to you by BetterBuilt®". Below the header, the survey questions are listed. Questions 1 through 4 are multiple-choice, and Question 5 is an open-ended text question.

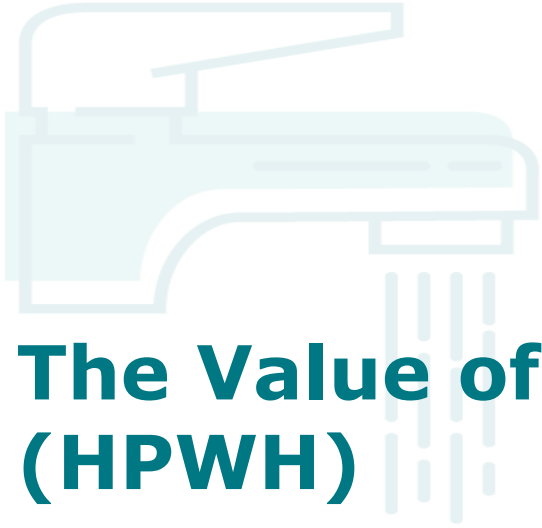
Session Survey

Session Title: _____

Session: Presenter(s): _____

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 - e. Strongly disagree
5. Please provide any additional feedback.



The Value of Heat Pump Water Heaters (HPWH)

Helping Your Customers
Make the Best Water Heating Decisions

HOT
WATER
SOLUTIONS

State of the Market



Over **125,000** electric water heater replacements per year



Policy is pointing toward electrification, favoring efficient electric products



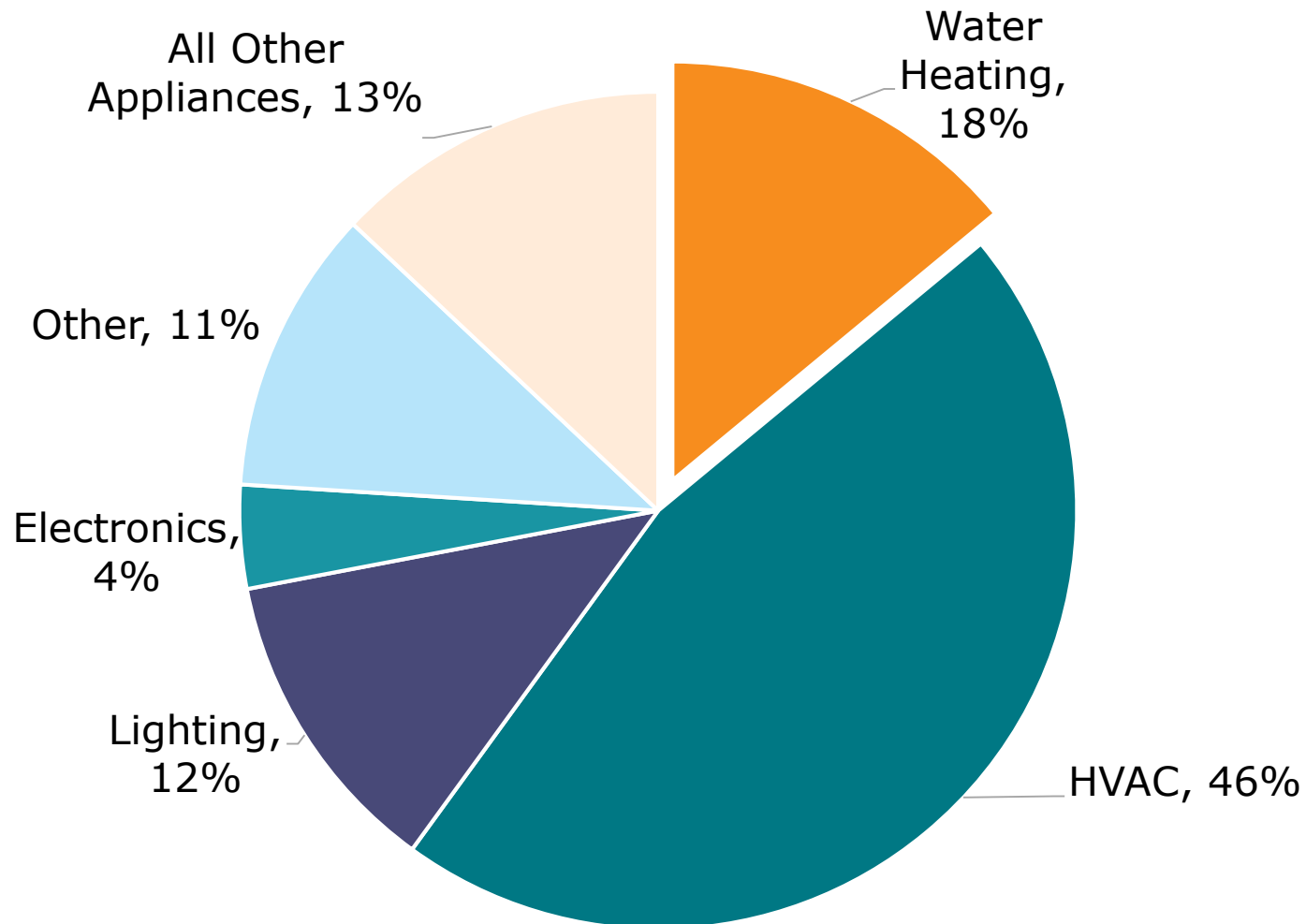
87 utilities offer discounts on HPWHs



Qualifying product from (all major brands): A. O. Smith, Bradford White, Rheem, Sanden

Why are we Here?

NW Home Energy Use



- Same reliable hot water
- A HPWH can save up to **\$90**/person per year
- Pays for itself over the life of the **10**-year warranty
- Product incentives bring upfront cost down
- **93%** customer satisfaction

Participating Distributors





HPWH Technology Overview

HOT
WATER
SOLUTIONS

Product Comparisons

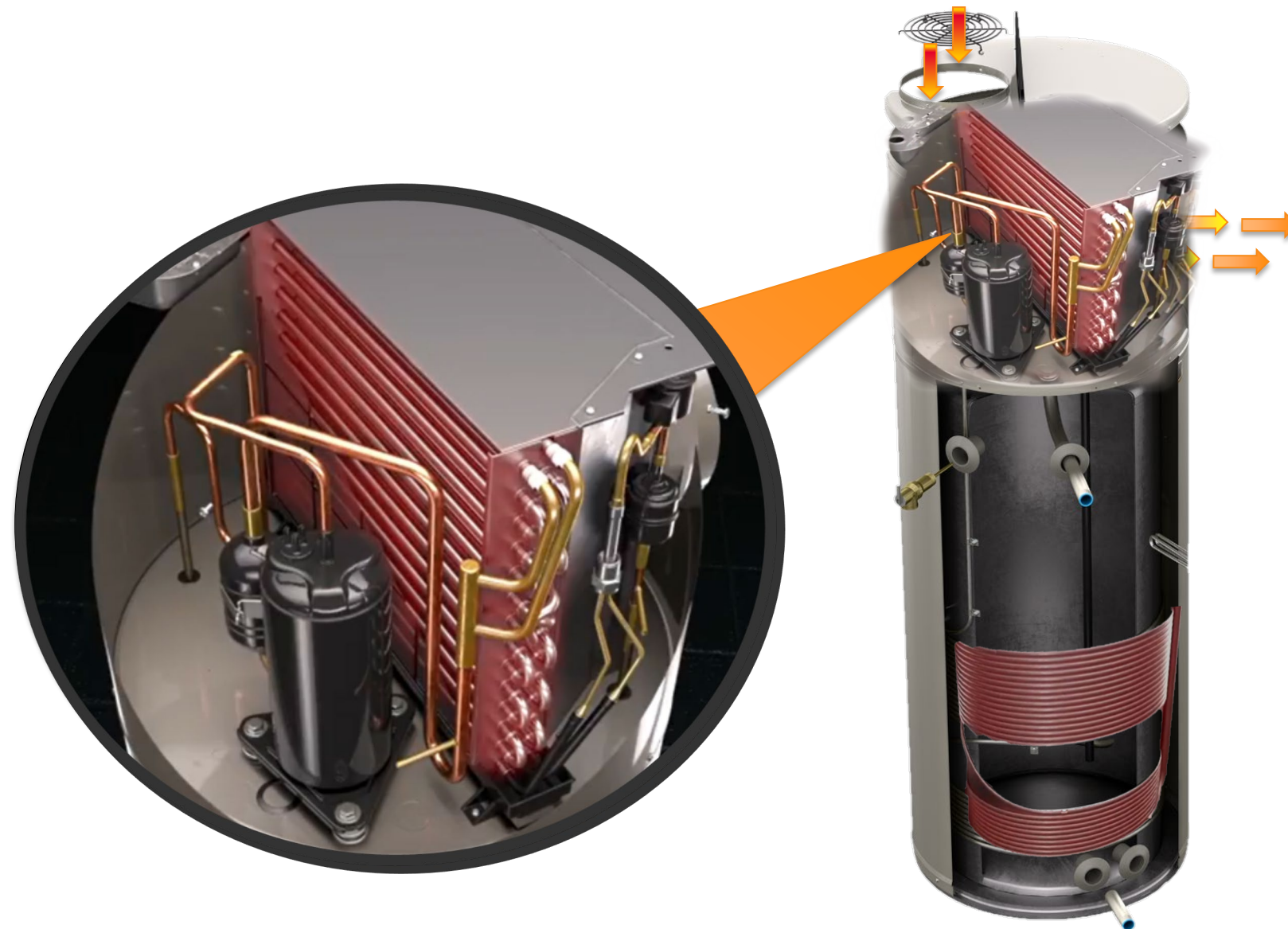
Old Technology



Better Technology



How a HPWH Works



- Ambient air is pulled into unit and heat is absorbed by the evaporator coil
- Compressor increases the temperature of the refrigerant
- Heated refrigerant is pumped into the condenser coil
- Condenser coil tubing wrapped around the tank transfers heat from the refrigerant to the water

HPWHs and Space Heat Interaction

1-2 degrees temperature impact
during heating months

Effects are felt **only when the
unit is running**, 3-5 hours/day

Only impacts installs in
conditioned space; **not garage
or basement**

93% customer satisfaction
with HPWHs

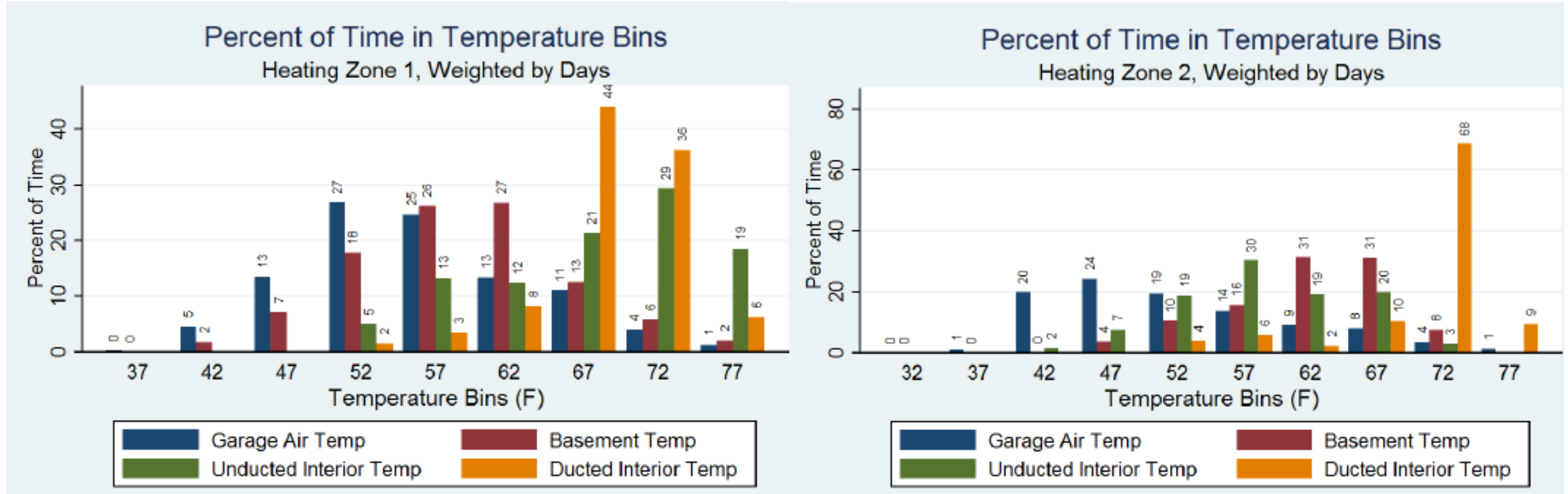


Little to No Impact to Home Heating Bills

- Detailed Study by PNNL (Pacific Northwest National Lab)
 - Winter modest impact
 - Spring and Fall neutral
 - Summer and high humidity HPWHs are beneficial
- Location of water heater matters
 - Garage- No effect (~20% installation)
 - Basement – Nominal to no effect (earth is a great radiator) (~40% installation)
 - Utility Room – Good if sufficiently size (~15% of installations)
 - Don't exhaust heater onto the thermostat or temperature sensitive rooms
 - Vent only if absolutely necessary
- Localized affect only while running
- Needs sufficient make up air



How Much Time Do HPWHs Operate at Different Temperatures?

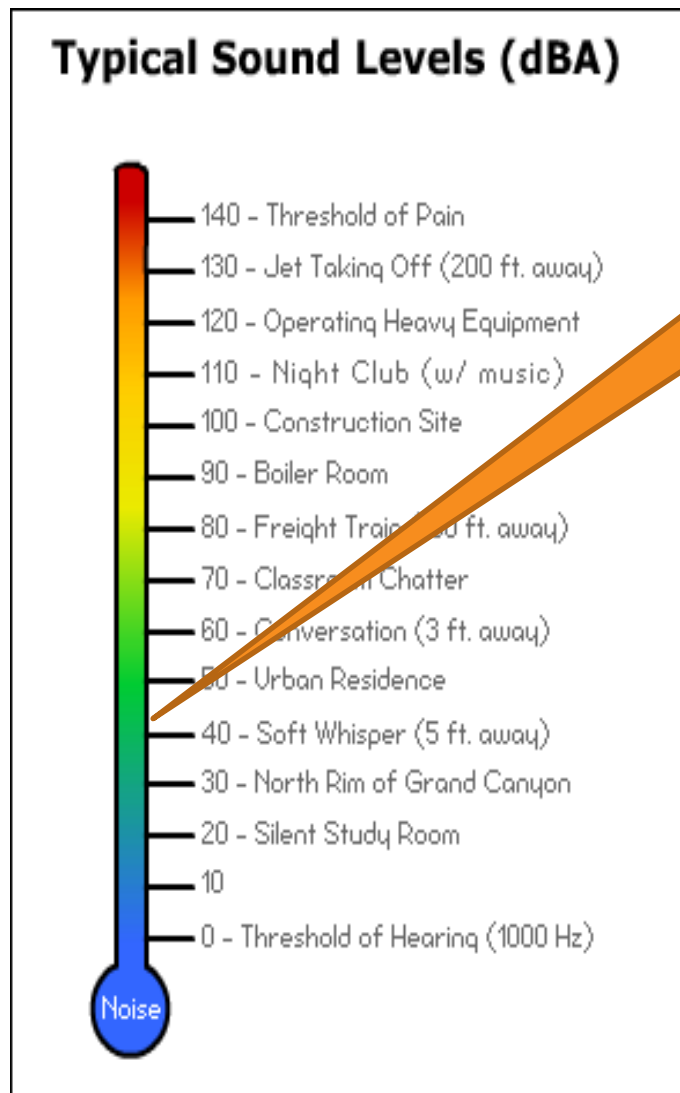


Heating Zones 1&2 cover the vast majority of the populated PNW

Message: If you are worried HPWHs working in colder spaces put the units in Hybrid Mode



Noise Level



**Average
HPWH**

HPWHs are about as loud as a new dishwasher: **~40-50 dB**

**Show your
customers
the reading**



Plenty of Research has been Completed

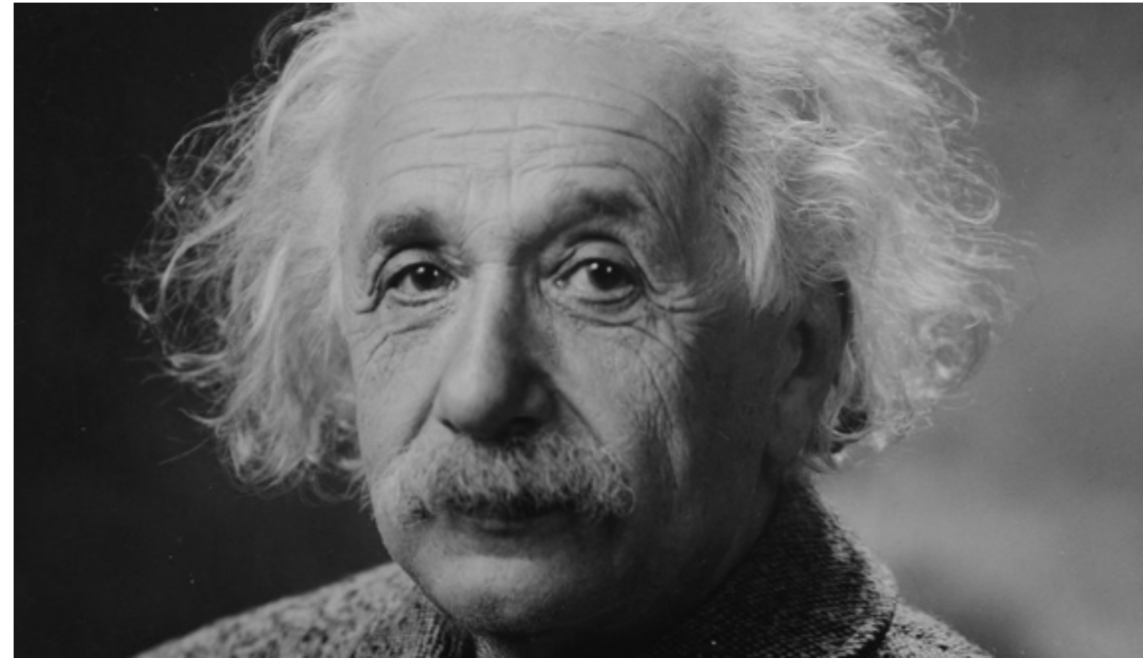
You may have concerns - don't worry about them we have you covered!

- ✓ Savings Analysis
- ✓ Interactive Study
- ✓ Lab to field Study
- ✓ Performance Lab testing on 20 + units
- ✓ Evaluation reports for the last seven years
- ✓ Reliability testing by the OEM's



ENERGY STAR Brand

It is time to move on and install



Product Compatibility – Sizing Considerations

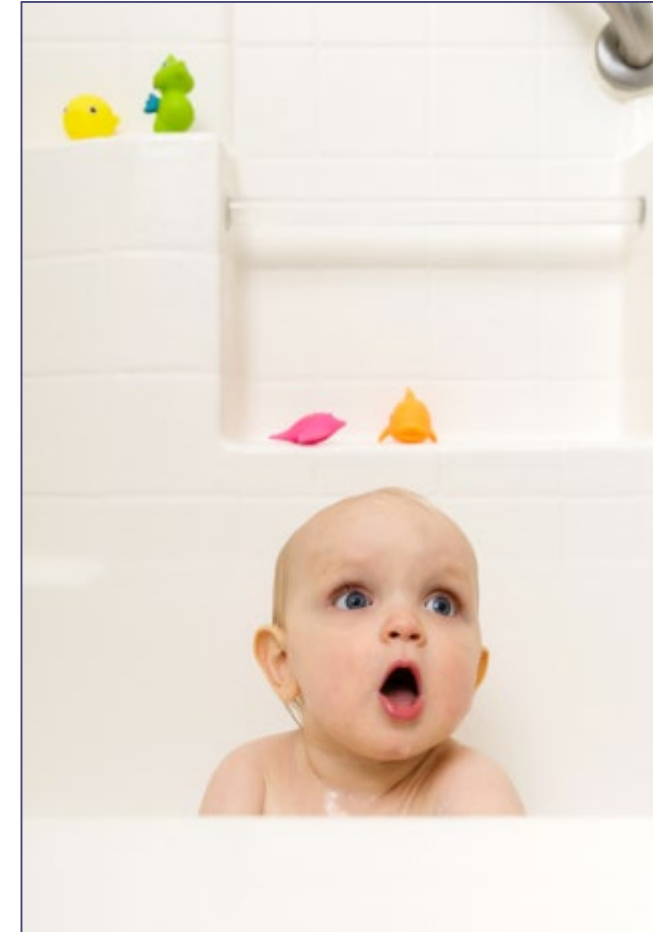
The third shower dilemma

Many households are likely to have three or more back-to-back showers.

Consider the following sizing guidelines when bidding a HPWH:

# of consecutive 10 minute showers	Appropriate tank size
1-2	50 gallon
3	65 gallon
4+	80 gallon

The functionality of the heat pump in addition to electric elements means a HPWH offers the same, or better responsiveness than a standard electric tank.



Product Compatibility - Installation Considerations

Space

- ~700 cubic ft. of space (roughly a 9x9x8 room), ducting or louvered door
- Check clearance requirements

Condensate

- Remove condensate
 - Pump or sloped system
 - Terminate into an existing drain or outside

Ducting

- Confined spaces or to move cold air

Filter Maintenance

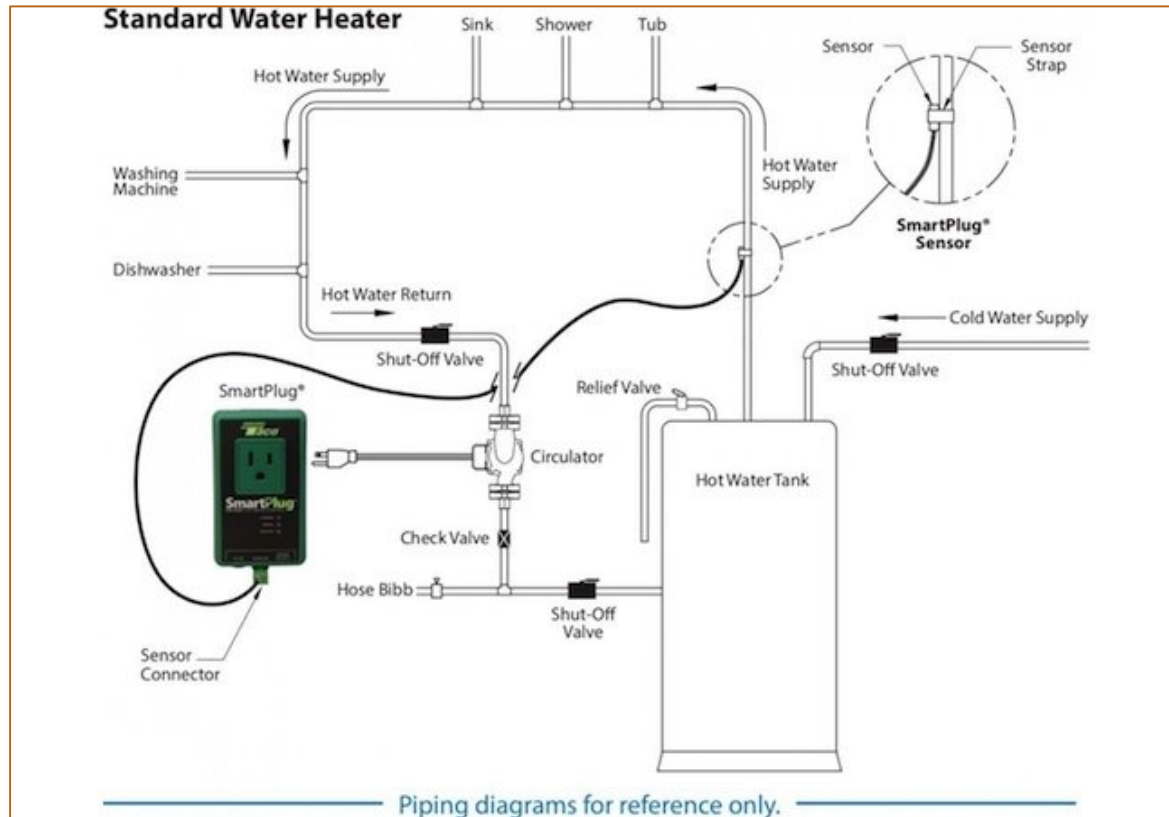
- Warning lights should be visible
- Filter must be accessible






Check clearance requirements – construction channel



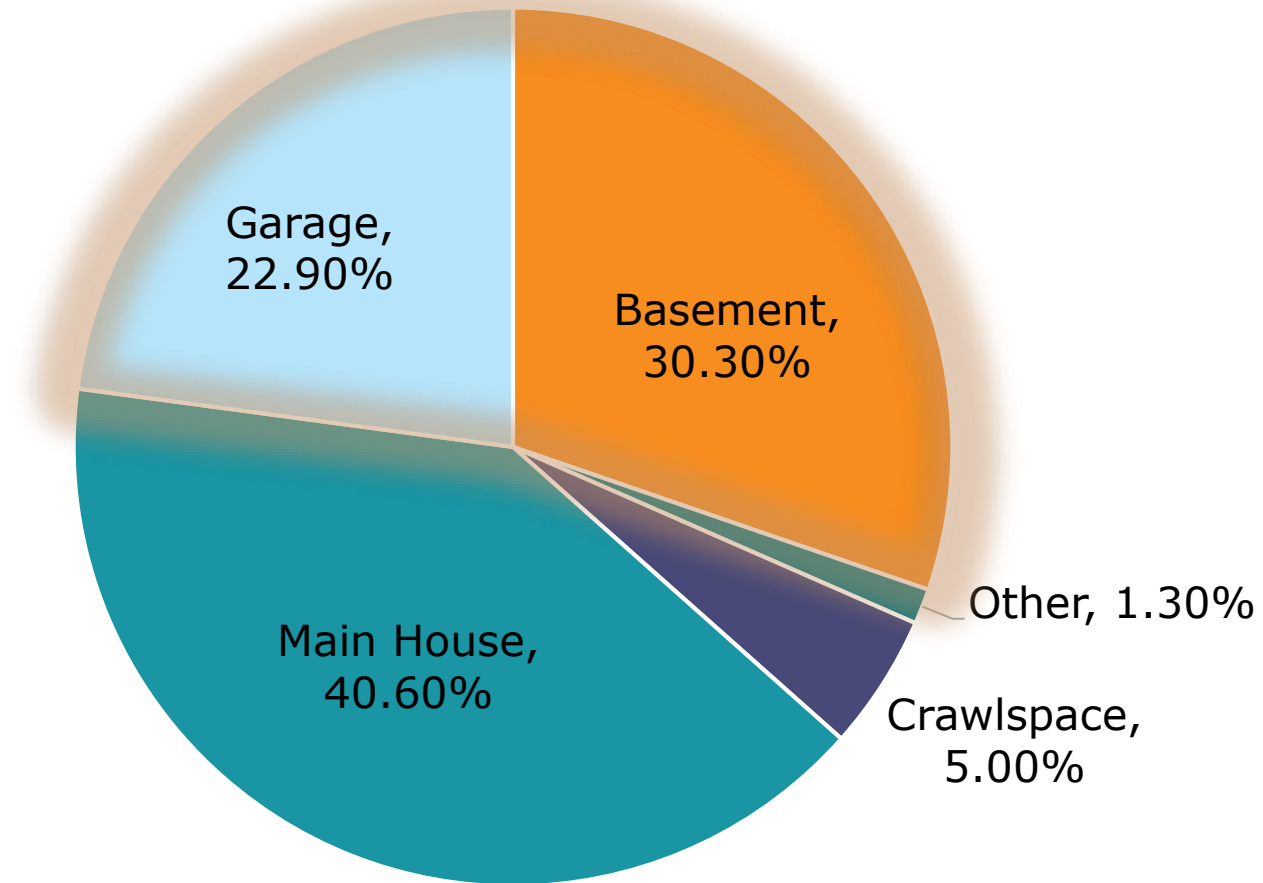
Uncontrolled Recirculation Pump Solution



Uncontrolled recirculation pumps result in high energy use. The Taco Smart Plug is an easy, creative solution.

- | | |
|---|---|
| 1. Insulated garage |  Standard Install |
| 2. Attic |  Minor adjustments |
| 3. Uninsulated garage |  No good |
| 4. Laundry room | |
| 5. Heated basement | |
| 6. Basement mechanical room (staircase from hell) | |
| 7. Dugout crawl space | |
| 8. Closet built around existing water heater | |
| 9. Unheated basement | |
| 10. Low boy under the sink | |

NW Electric Water Heater Locations*



**NEEA's Residential Building Stock Assessment II 2016-2017, Table 114*

New Construction Market Favors HPWHs



Washington

In Washington code, a HPWH is worth **1.5 credits** and is often the most effective way for builders to earn required credits. (option 5c)



Oregon

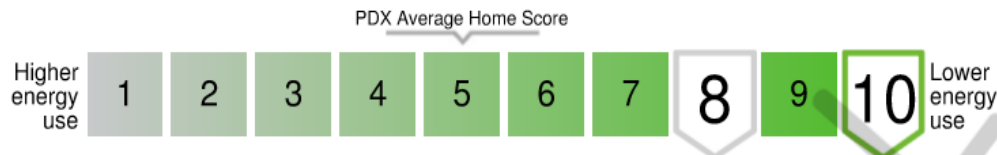
In Oregon code, a HPWH is an **allowed conservation measure.**



Portland OR Home Energy Score

4208 NE Cesar E Chavez Blvd
Portland OR 97211

SCORE
TODAY **8**



SCORE TODAY	SCORE WITH IMPROVEMENTS
Estimated annual energy cost: \$1,166	Estimated annual energy cost: \$967
Score basis: 53 MBtu	Score basis: 32 MBtu

The U.S. Department of Energy's Home Energy Score assesses the energy efficiency of a home based on its structure and heating, cooling, and hot water systems. For more information visit [HomeEnergyScore.gov](https://www.HomeEnergyScore.gov).

This Home...



CURRENTLY WASTES
40%
OF ENERGY ON INEFFICIENCIES


COULD SAVE
\$199
EACH YEAR ON ENERGY COSTS


COULD ELIMINATE
16%
OF CO₂ EMISSIONS WITH COST-EFFECTIVE UPGRADES

Estimated Energy Use


TODAY:


 11,317 kWh

 Electricity  Natural gas

 115 therms

WITH IMPROVEMENTS:

 9,148 kWh

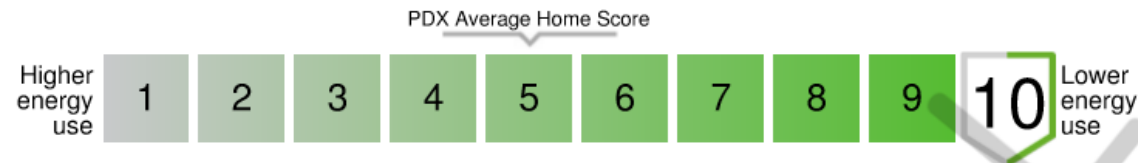
 115 therms



Portland OR Home Energy Score

4208 NE Cesar E Chavez Blvd
Portland OR 97211

SCORE
TODAY **10**



SCORE TODAY	SCORE WITH IMPROVEMENTS
Estimated annual energy cost: \$1,019	Estimated annual energy cost: \$1,019
Score basis: 38 MBtu	Score basis: 38 MBtu

The U.S. Department of Energy's Home Energy Score assesses the energy efficiency of a home based on its structure and heating, cooling, and hot water systems. For more information visit [HomeEnergyScore.gov](https://www.HomeEnergyScore.gov).

This Home...



CURRENTLY WASTES
0%
OF ENERGY ON INEFFICIENCIES


COULD SAVE
\$0
EACH YEAR ON ENERGY COSTS


COULD ELIMINATE
0%
OF CO₂ EMISSIONS WITH COST-EFFECTIVE UPGRADES

Estimated Energy Use

TODAY:


 9,717 kWh

 Electricity  Natural gas

 115 therms

WITH IMPROVEMENTS:

 9,717 kWh

 115 therms

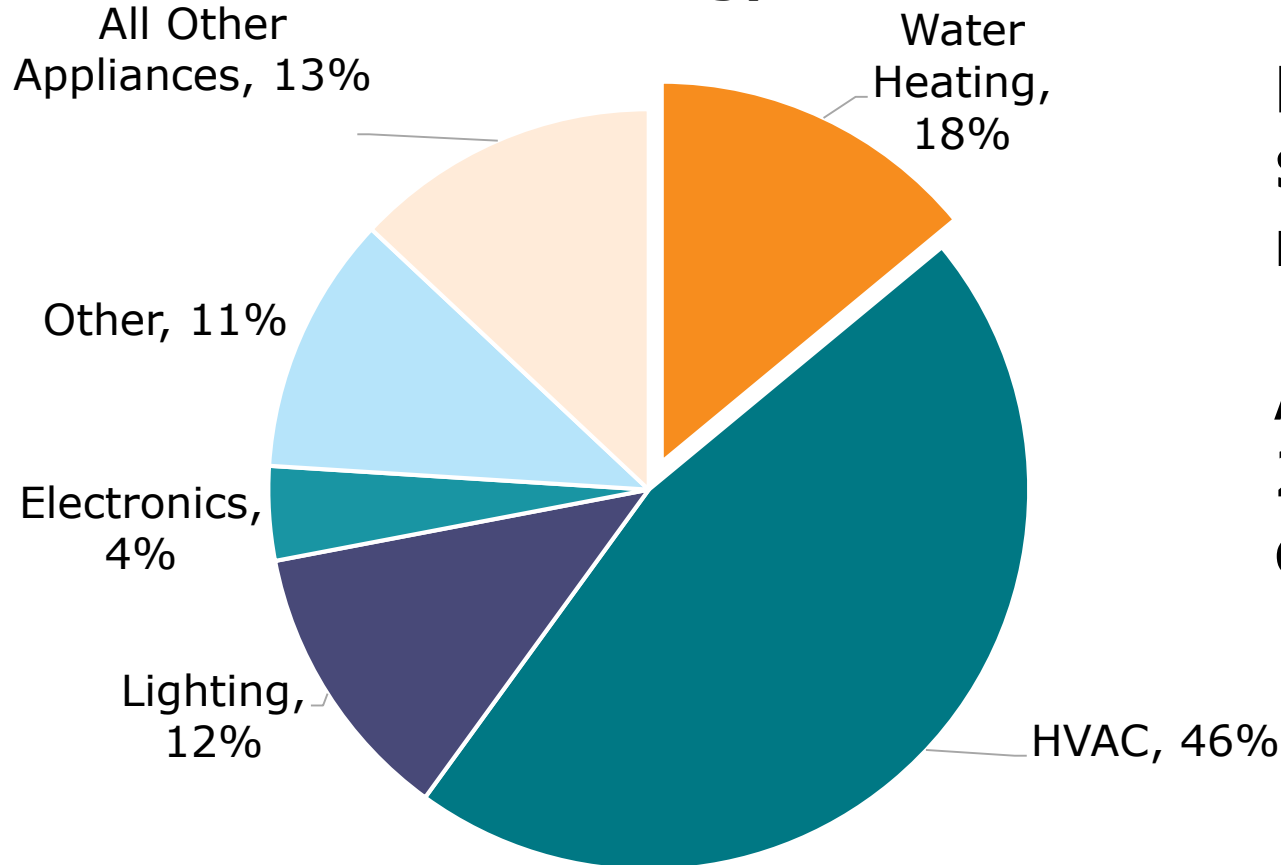


Explaining HPWH Benefits

HOT
WATER
SOLUTIONS

Water heating is the #2 top energy user in the home

Home Energy Use



HPWH customers see \$80-\$100 in annual savings per member of their household

Assuming an average usage of 20-25 gallons per person, per day

HPWH Benefits



\$90 in annual savings per person



Immediate savings through incentives



93% customer satisfaction



Peace of mind through 10-year warranty

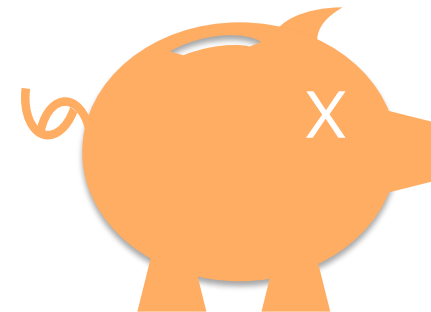


Same **reliable hot water** delivery

HPWH Savings Over Time

	2 People	4 People	6 People
Annual Savings	\$174	\$347	\$522
10-Year Savings	\$1,740	\$3,470	\$5,220

Standard Electric tanks... Still no savings



How would you respond?



It's too expensive...

Incentives and
higher scores

*I'm not sure
these are
Reliable...*

10-year
warranty

*The technology
is too new...*

Heat pump
technology has been
around for over 60
years

*I don't want
buyers to run out
of hot water...*

Same delivery
as a standard
tank

*Standard water
heaters work just
fine...*

Its from the century
like every other
appliance in you
homes



Resources to Get You Started

Installer Resources

- [Best Practices Installation Guide](#)
 - [Homeowner Quick Reference Guide](#)
 - [Hot Water Solutions Image Library](#)
 - [Sales Sheet](#)
 - [Advanced Water Heater Specification](#)
 - [Qualified Products List](#)
 - [Incentive Listings](#)
 - [Events Calendar](#)
-
- **A. O. Smith**
 - <https://www.hotwater.com/>
 - ENERGY STAR Hub: <https://aosmith.mymarketingbench.com/>
 - **Bradford White**
 - <https://www.bradfordwhite.com/fortheopro>
 - **Rheem**
 - <https://my.rheem.com/>



Resources – Contractor Sales Sheet

MAKE THE SWITCH TO A NEW HEAT PUMP WATER HEATER

A heat pump water heater provides the same steady supply of hot water you've grown accustomed to. But that's just the beginning:

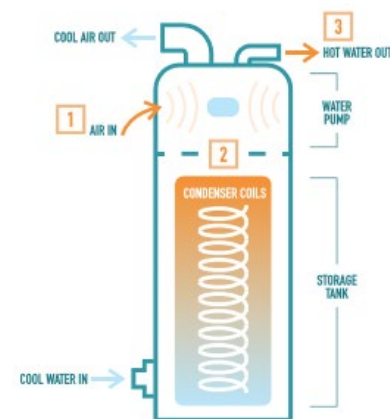
- EFFICIENCY**
Reduce energy consumption by **up to 60%**, compared to standard electric water heaters.
- INSTANT DISCOUNTS OR UTILITY REBATES**
Save even more by applying local utility rebates or instant discounts.
- COST SAVINGS**
Save **over \$200 a year** on electric water heating costs.
- WARRANTY**
With 10 year warranties, most heat pump water heaters have longer warranties than standard electric water heaters.

HEAT PUMP WATER HEATER vs STANDARD ELECTRIC

WATER HEATER COMPARISON	50-GALLON STANDARD ELECTRIC WATER HEATER	50-GALLON ELECTRIC HEAT PUMP WATER HEATER OPERATING IN HYBRID MODE
ESTIMATED ELECTRIC WATER HEATING COSTS PER MONTH	\$30	\$12
ESTIMATED ANNUAL ELECTRIC WATER HEATING COSTS	\$360	\$144
SAVINGS PER YEAR	\$0	\$217
LIFETIME SAVINGS <small>Based on 10-year warranty.</small>	\$0	\$2,168
INSTANT DISCOUNTS OR UTILITY REBATES	No	Yes
WARRANTY <small>Tank and parts.</small>	6 Years	10 years
ENERGY STAR® <small>Meets or exceeds ENERGY STAR specifications for energy efficiency.</small>	No	Yes
UNIFORM ENERGY FACTOR <small>Percentage of energy that is turned into hot water. The higher the number, the more efficient the unit and the less it will cost to operate.</small>	0.93-0.95	2.43-3.4
FIRST HOUR RATING <small>Number of gallons of water a fully heated water heater can deliver in the first hour of use.</small>	60-67	66-70
PAYBACK OF INCREMENTAL COSTS	N/A	3 Years
RECOVERY RATE <small>Amount of hot water, measured in gallons, a water heater is capable of providing in 1 hour, assuming 70 degree F increase.</small>	20-22	29

*Northwest savings provided by the Regional Technical Forum based on an average cost of electricity of \$0.101/kWh and a usage pattern of 2.5 people.

HOW A HEAT PUMP WATER HEATER WORKS



- 1 Fans pull warmth from the air into the heat pump.
- 2 The heat is transferred to water in the storage tank.
- 3 Hot water is now ready to use, and cool air is ducted out.



BE MORE EFFICIENT

Standard electric water heaters are wasteful, using large amounts of energy to heat water. Heat pump water heaters use less than half the amount of energy to heat the same amount of water by transferring heat instead of creating it.

GET MORE CONTROL

A digital control panel allows you to easily set the temperature and change operational modes to maximize efficiency, delivering a lot more flexibility than standard electric water heaters.

Today's potential savings		Instant discount or utility rebate	Contact info
People per household	Potential yearly savings		
2	\$174		
3	\$261		
4	\$348		
5	\$435		

Hot Water Solutions is an initiative of the Northwest Energy Efficiency Alliance (NEEA), an alliance of more than 140 Northwest utilities and energy efficiency organizations working to accelerate the innovation and adoption of energy-efficient products, services and practices in the Northwest.

Learn more at HotWaterSolutionsNW.org

**HOT
WATER
SOLUTIONS**

Rheem

Best Marketing Lines (from Contractors)

- “It’s the only tank that can pay for itself”
 - “Its like your (fill in the blank) smart phone, smart thermostat, connected TV... its from this century”
 - “My boss put one in and she loves it”
 - “They wouldn’t put a 10-year warranty on if they didn’t have a great products”
 - “You must really think your buyers love the local utility”
-
- Reinforce HPWH benefits through watching this video. As you watch, be prepared to summarize the benefits. <https://hotwatersolutionsnw.org/>

Thank You

info@hotwatersolutionsnw.org

HOT
WATER
SOLUTIONS

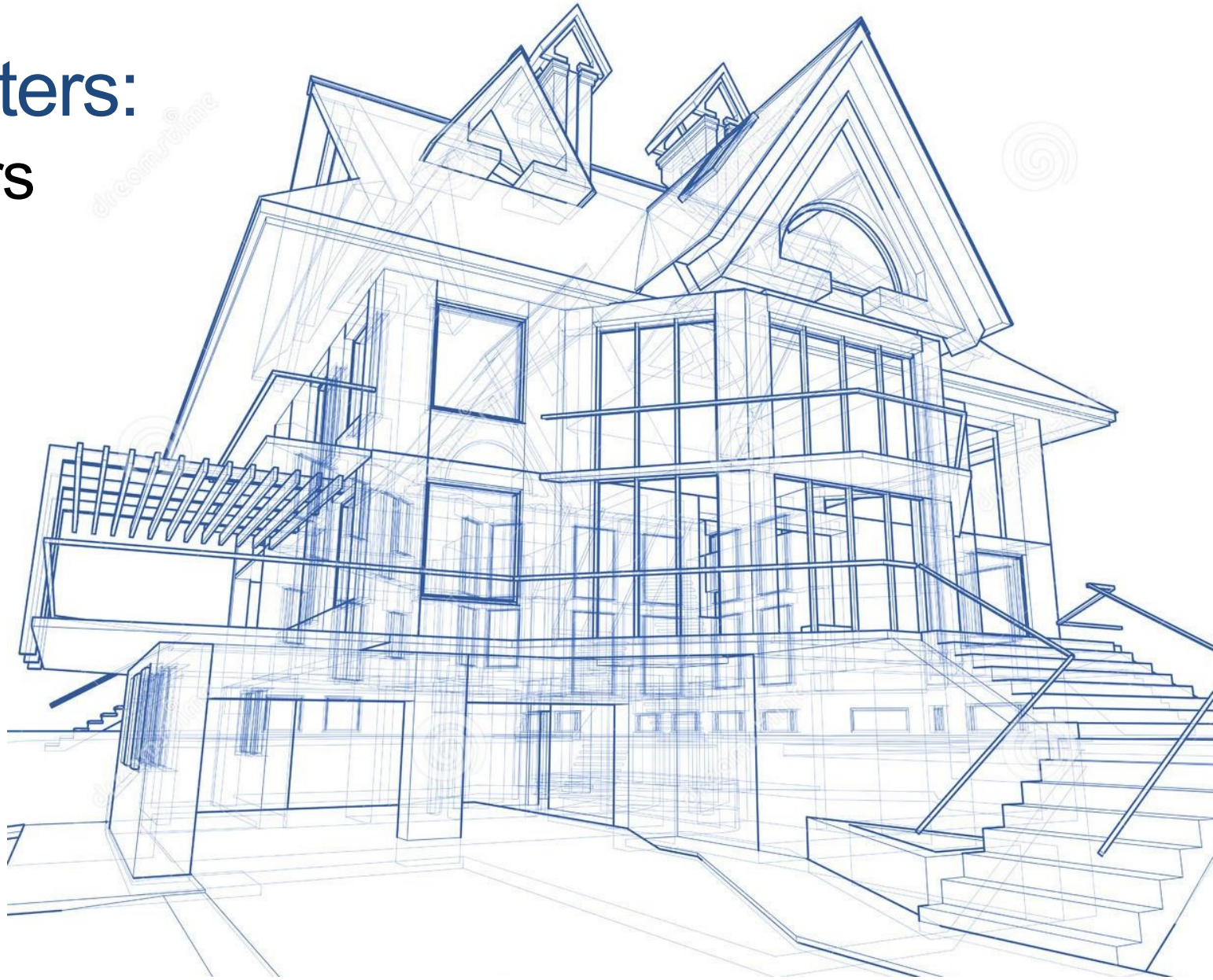
Heat Pump Water Heaters: An Easy Choice For Builders



Gregg Holladay
Business Development Manager
Gholladay@BradfordWhite.com
Bradfordwhite.com
502-774-0773



Bobby Secker
Western State Sales, Inc
Bsecker@westernstatesales.com
Bradfordwhite.com
360-798-2294



About



Bradford White Corporation (BWC) is a team of American-owned companies that is a leading US manufacturer of water heating, space heating, combination heating and storage solutions for residential, commercial and industrial applications.



A subsidiary of BRADFORD WHITE Corporation



A subsidiary of BRADFORD WHITE Corporation



— BRADFORD WHITE IS —

AMERICAN
STRONG™

Investing in America

With 1,500 employees working in four locations across the country, Bradford White Corporation proves its commitment to keep America working strong now and in the future.

**GET
HEAT
PUMPED UP!**®

**AeroTherm Series®
Heat Pump Water Heater**

**AMERICAN
STRONG™**



BRADFORD WHITE®
WATER HEATERS

How Many Heat Pumps are in YOUR home?

Heat pumps are a proven technology. You'll find them all around your home in air conditioners, freezers and refrigerators.



Discover the AeroTherm® Heat Pump Water Heater

The AeroTherm® is a high-performance heat pump water heater for your home. It can give you hot water more efficiently because it uses advanced technology to work much smarter – actually transferring heat from the air right into the tank!

That can mean BIG SAVINGS for you! Just look...





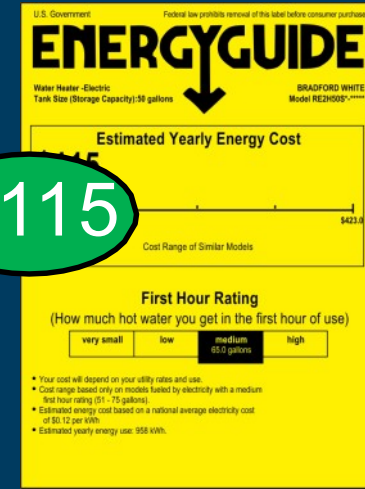
The Uniform Energy Factor (UEF) measures efficiency. The higher the UEF, the greater the efficiency – and the more money you save!

The **AeroTherm®**

Saves \$304 a Year vs. Electric!



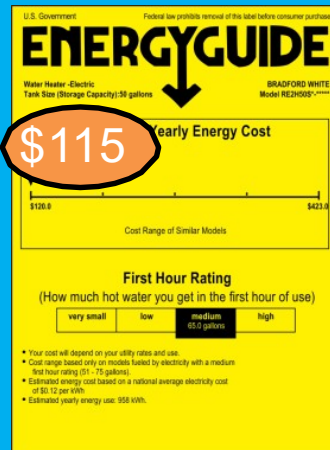
Standard Electric .93 UEF



AeroTherm® 3.39 UEF

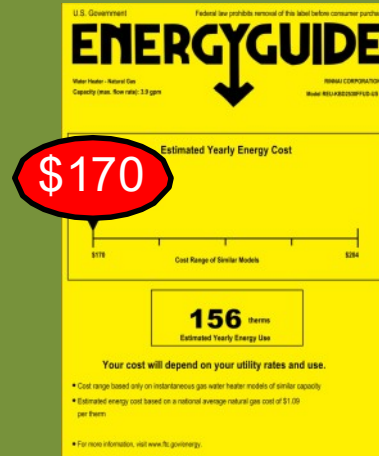


Standard gas tank .63 UEF

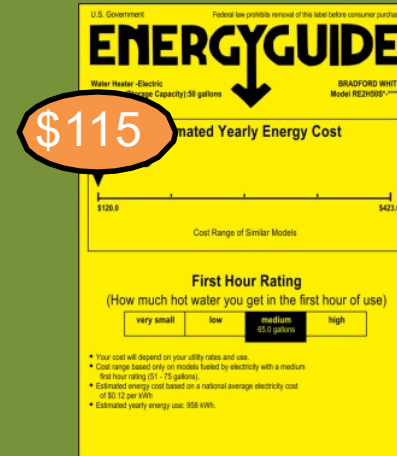


AeroTherm® 3.39 UEF

Saves \$181 Per Year vs. Gas!



Gas tankless .90 UEF



AeroTherm® 3.39 UEF

Saves \$55 Per Year vs. Tankless!



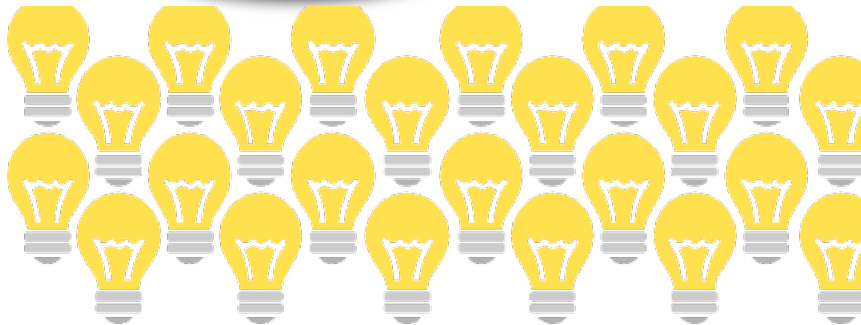
SEE THE LIGHT

about Heat Pump Water Heaters!

- AeroTherm® uses the same energy as 5 ½ incandescent 100 watt light bulbs while in heat pump mode



- Standard electric heating elements use the energy of 45 bulbs!



AeroTherm® Advantages At A Glance



SAVES YOU MONEY!

The average family saves about \$300 a year on their utility bill.*The AeroTherm® pays for itself fast!



AMERICAN STRONG!

AeroTherm® is proudly manufactured in Middleville, Michigan.



BRADFORD WHITE QUALITY!

Built to last for years of trouble-free performance and backed by a 10 year limited warranty.



FLEXIBLE!

Choose from 4 operating modes to meet your changing household needs.



*Based on DOE test procedure and comparison of a standard electric tank water heater using 3493 kWh per year vs. the AeroTherm® heat pump water heater using 1003 kWh per year and national average electricity rate of 12 cents per kWh.

Why Wait? Start Saving Now!

We can show you how much you'll save in energy costs –
and how quickly the AeroTherm® will pay for itself!



Common Myths about HPWHs

- Don't make enough hot water
- Challenging to install
- Won't work in cold climates
- Make too much noise
- Won't work in garages
- You must prevent condensate from freezing
- Need to be a Refrigeration Technician
- Cost too much

FACT
OR
FICTION?



How HPWH Works



Heat pump

- Evaporator draws in ambient heat using a fan
- Evaporator absorbs the heat and the compressor increases the temperature and pressure of the 134A refrigerant

External condenser coils

- Heated refrigerant flows through the coils to heat water in the tank
- Coils are external and surround the porcelain lined tank to prevent corrosion and calcium build-up
- Can take tank temp up to 140 degrees

Tank and electric elements

- If tank is depleted, HP cycles off and upper element (4500w) activates to recover top half of tank.
- Then upper element goes off and lower element comes on (4000w) AND the HP comes on (550W) to recover bottom half. Unit then returns to Hybrid mode.

Flexibility at your fingertips

Electronic controls with 4 operating modes plus vacation setting make it simple to select temperature and optimal energy savings performance

- **Heat Pump Mode**

The most energy efficient mode as it only utilizes the heat pump

- **Hybrid Mode**

The default setting combining eHeat, with the recovery of Standard Electric Mode

- **Standard Mode**

Back up heat if fault occurs to avoid emergency service call. Timer up to 199 days with auto switch back to Hybrid mode

- **Vacation Mode**

Adjusts the temperature setpoint down to 50F for the duration of your vacation

- **Communication Port**

Used to test every AeroTherm® during production to verify a fully functioning heater



Where They Can Go



Closet, Laundry Room, Attic, Garage, Basement

Best Locations

- **Basement**

- Non-conditioned space, inside a conditioned home
- Heat in basement comes from the earth outside the walls (50°-60°)

- **Laundry Room**

- Warm and damp due to dryer
- May be next to HVAC
- May be in closet with full louvered door

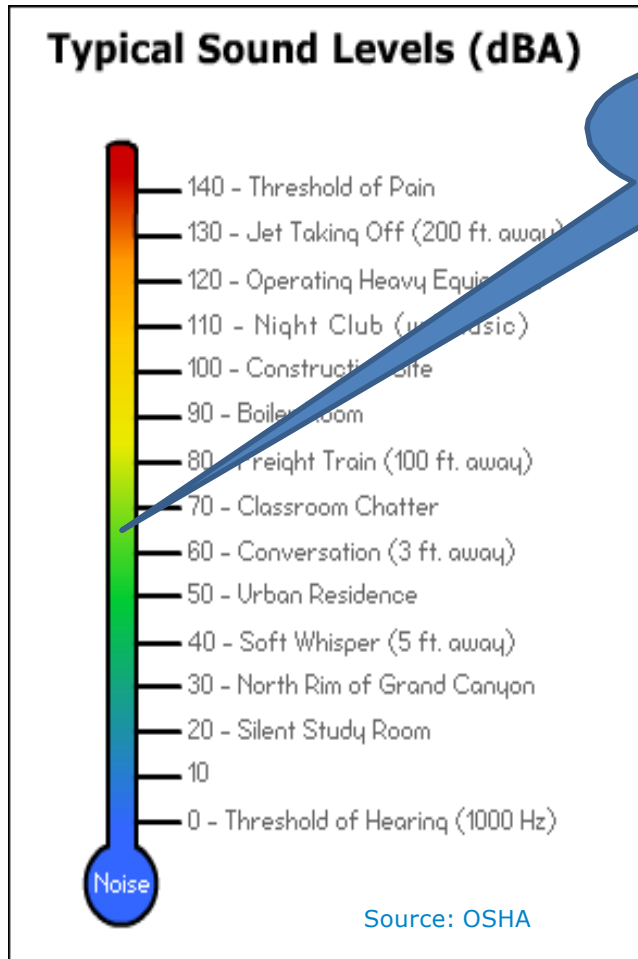
- **Garage**

- Non-conditioned space that stays above freezing
- Less efficient in winter, more efficient in summer – should average out to shown UEF listed by manufacturer
- Easy to run condensate line

- **Closet**

- Most require 36" closet for adequate space
- Need full louvered door for proper air flow

Noise Level



Average
HPWH



HPWHs are about as loud as
a dishwasher: ~49-55 dB

Show your
customers
the reading



Summary

- Adds value to the home Green Package for higher appraisal and buyer recognition
- Emits no Green House Gases
- Helps indoor air quality through dehumidification
- Solar friendly
- Pays for itself through energy savings alone
- Avoid the dangers associated with gas
- Exclusive 24/7 assistance
- Bradford White Advantage Package

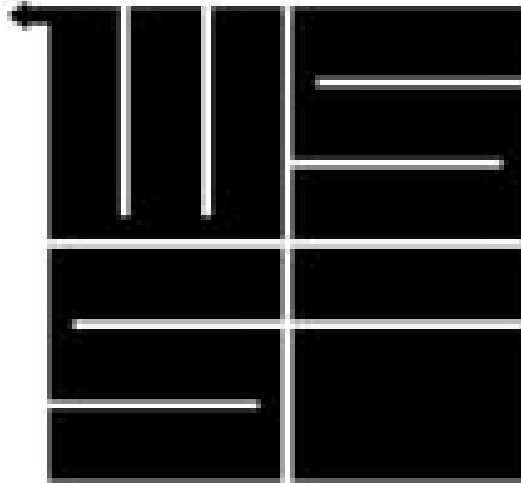
Be the Early Adopter

Attract buyers who want this now
Educate how heat pump water heaters pay for themselves
Smart for you, Smart for your customer



Bradford White Sales Contacts

Bobby Secker
Western State Sales, Inc
Bsecker@westernstatesales.com
Bradfordwhite.com
360-798-2294



Gregg Holladay
Business Development Manager
Gholladay@BradfordWhite.com
Bradfordwhite.com
502-774-0773

Questions?

— BRADFORD WHITE IS —





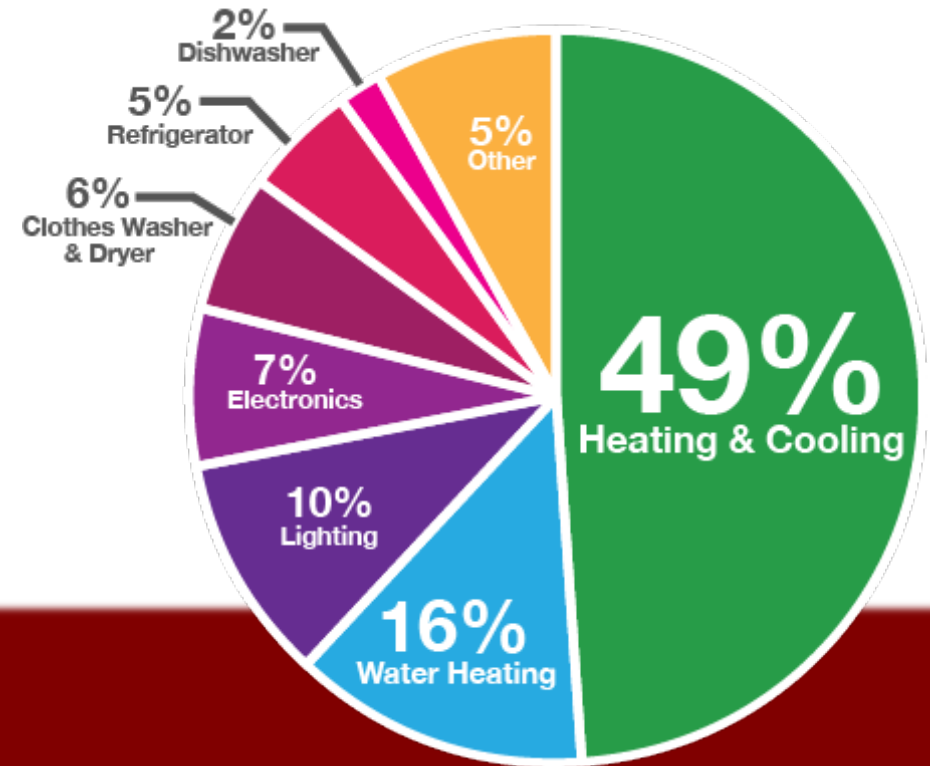
The new degree of comfort.®



The Rheem Difference

Rheem is the only company who can help a homeowner control 65% of their home's energy usage.

Water Heating is The
2nd Highest
Energy User In The House

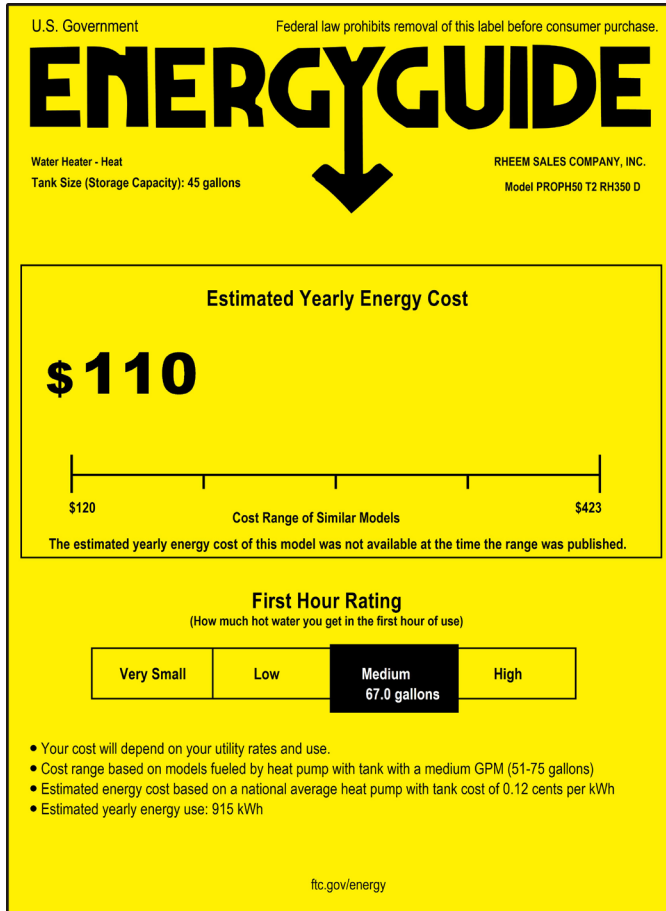


Prestige[®] Series Hybrid Electric Water Heater

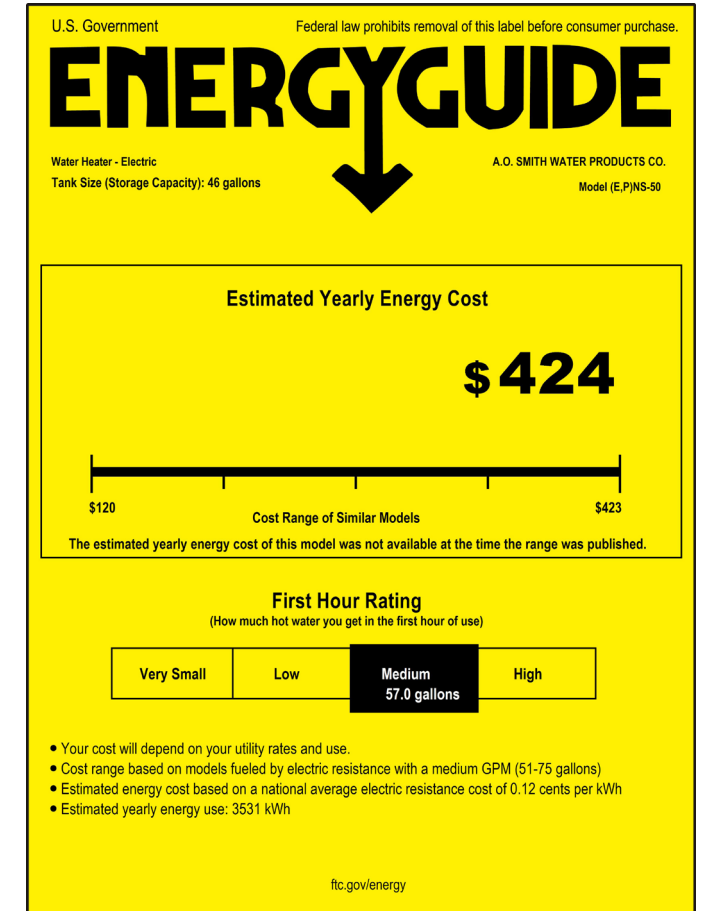


Over 70% Reduction In Energy Usage

915 kWh per Year

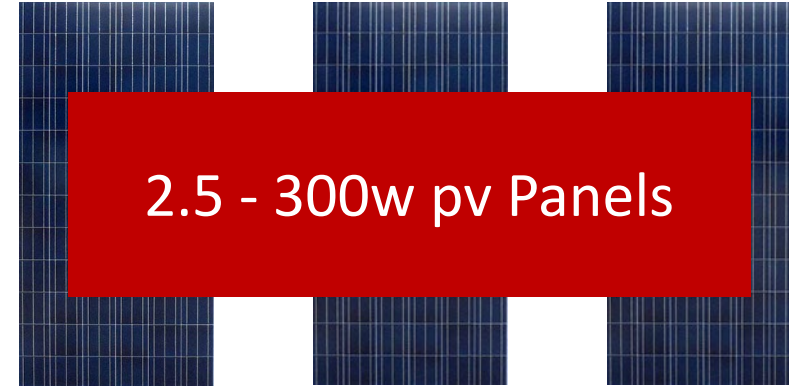


3,531 kWh per Year

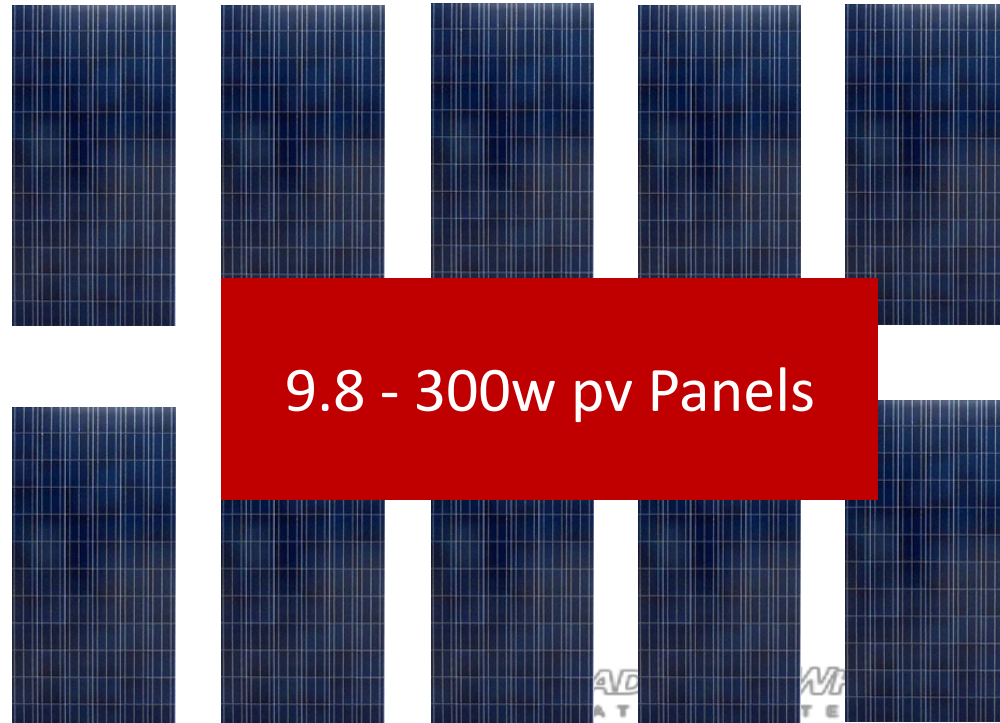


DFORD WHITE[®]
THER HEATERS

Value Proposition With Solar



Standard
Electric Water
Heater



Environmental Considerations



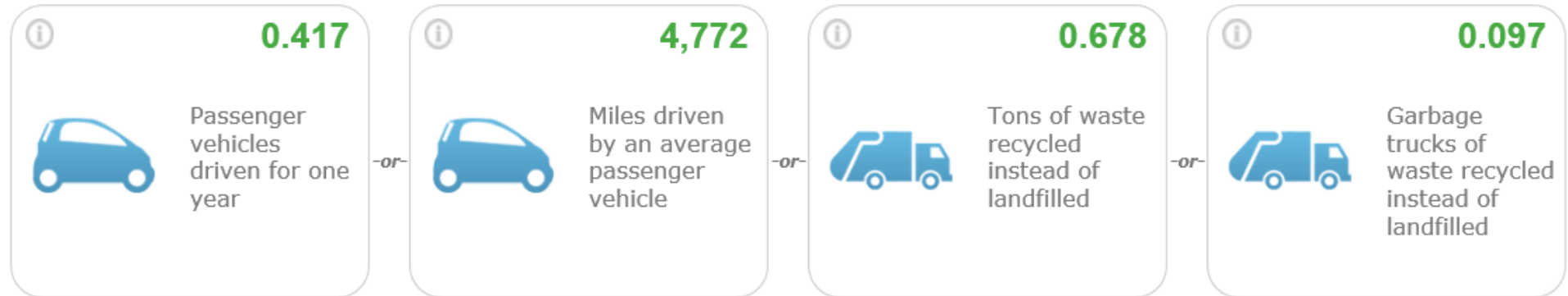
Equivalency Results

[How are they calculated?](#)

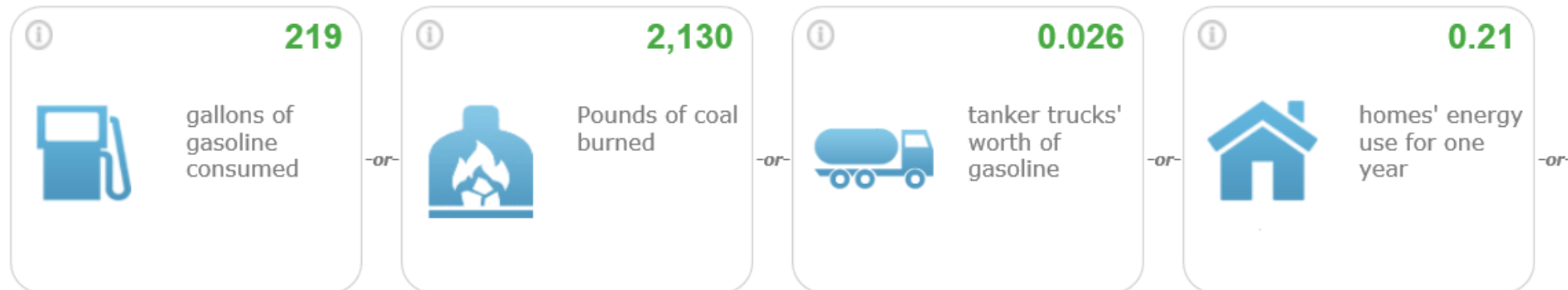
The sum of the greenhouse gas emissions you entered above is of Carbon Dioxide Equivalent. This is equivalent to:

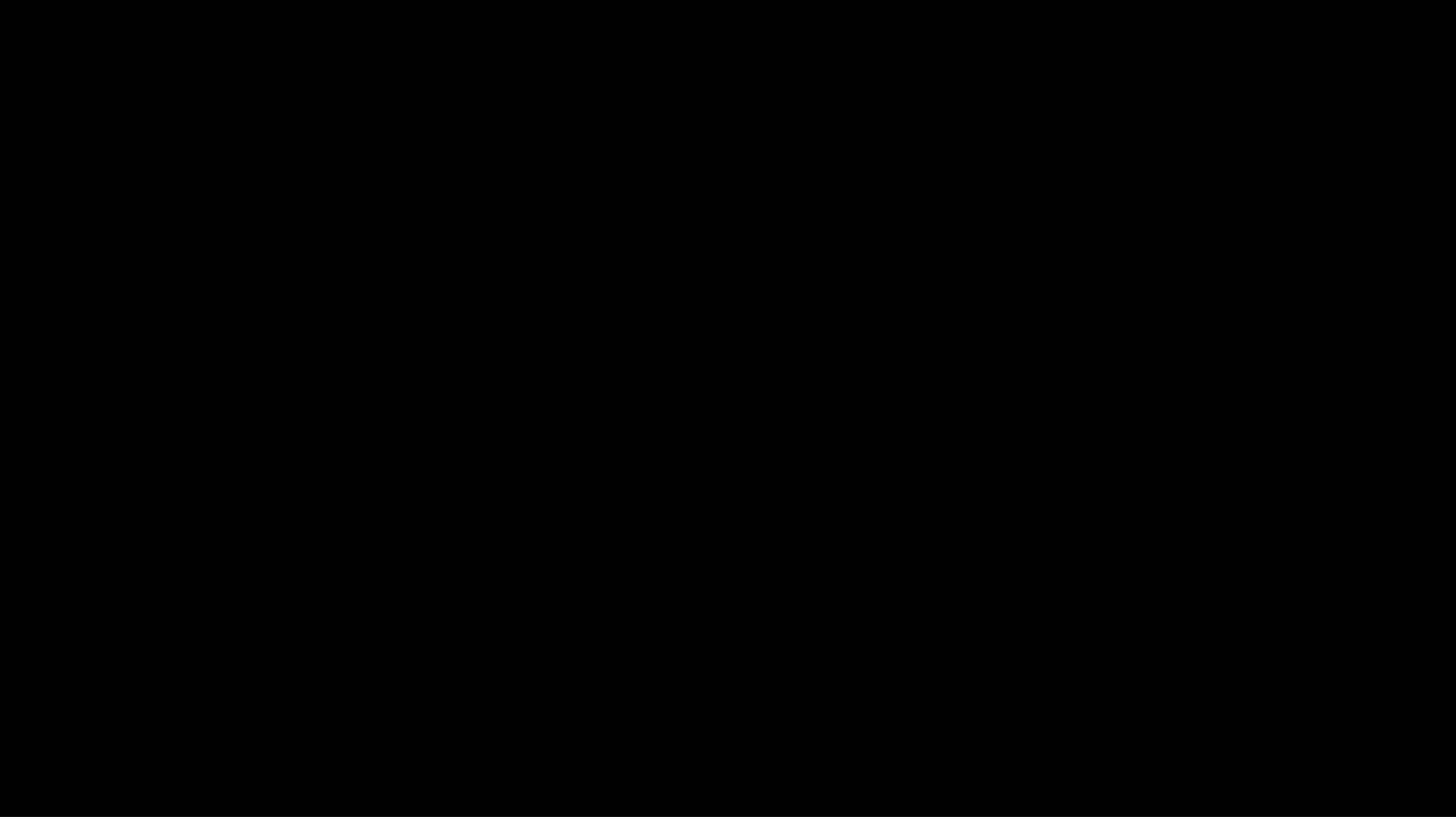
1.9 Metric Tons

Greenhouse gas emissions from



CO₂ emissions from





Thoughtful Design



Efficiency

- Compressor uses 300-500W but delivers 1700W to the water

Smartest

- 5000W heating elements
- Makes More Hot Water Than Standard Electric Heaters
- LeakSense
 - Protects your home
 - Audible Alert from unit
 - Alerts via EcoNet® App

Quietest

- QUIETEST IN ITS CLASS !
- Can be installed in the living space. As quiet as a dishwasher or refrigerator

There's an APP for That

Built-In Integrated Wi-Fi

NEW

Wi-Fi to receive alerts and alarms with no additional cost



On screen Wi-Fi Set up

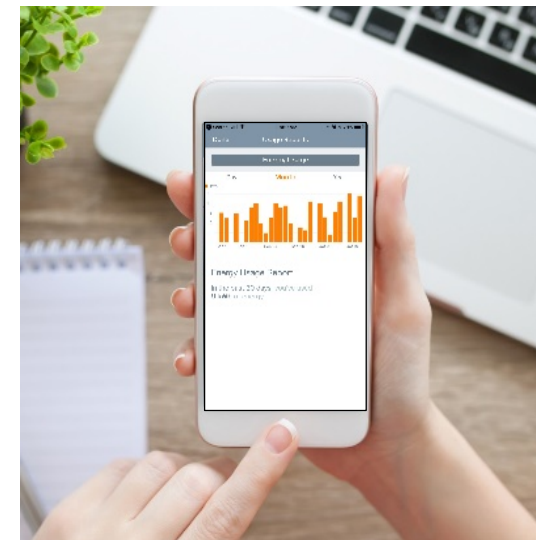
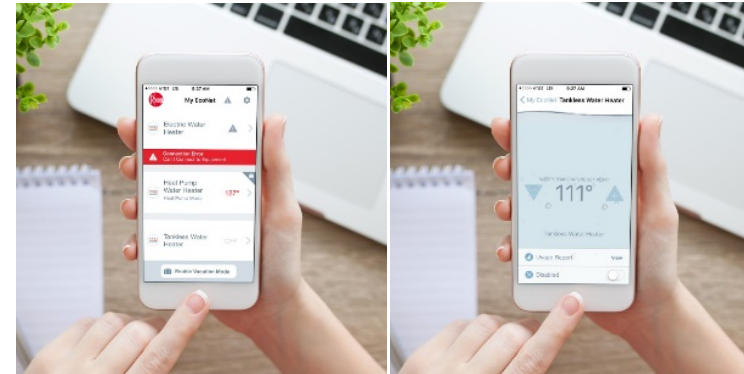
NEW

Simplifies Wi-Fi set up for the plumber or homeowner

Energy Usage Reports

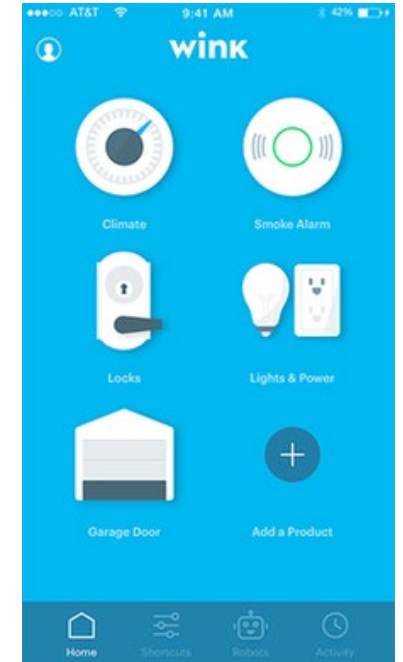
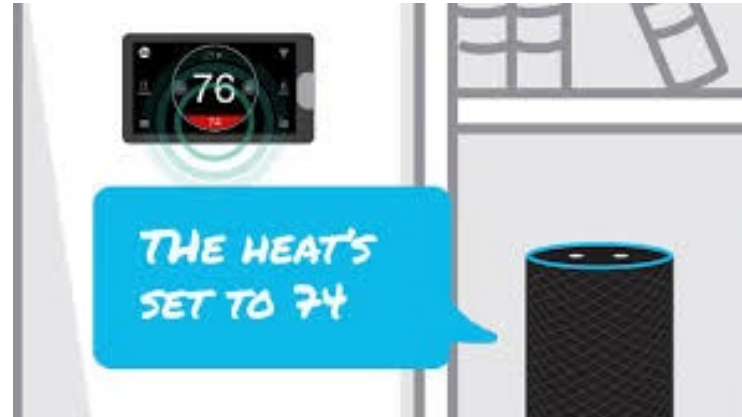
NEW

Provides real time information on energy use



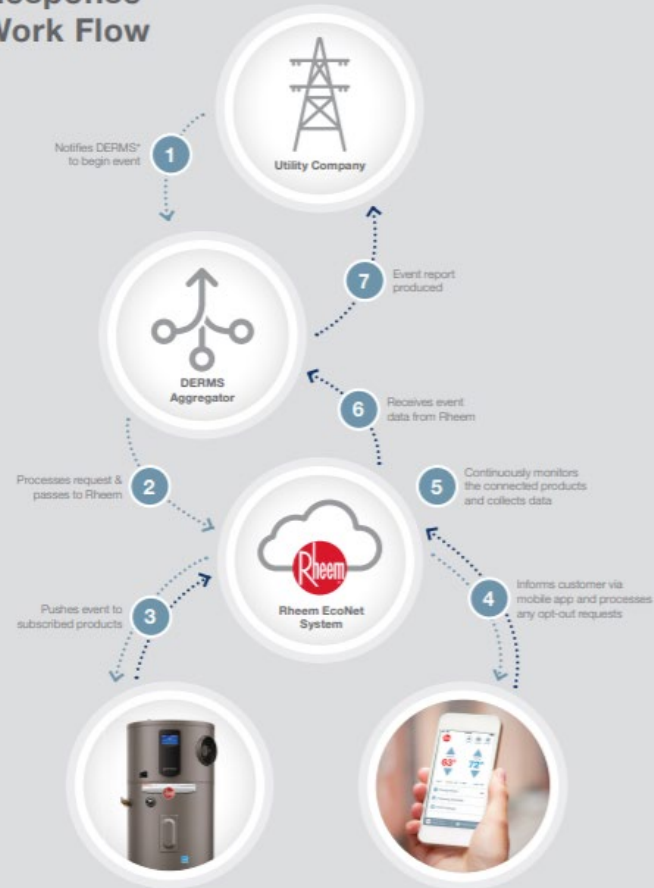
BRADFORD WHITE
WATER HEATERS

Works With



Forging Partnerships for Better Grid Management

Demand Response Work Flow



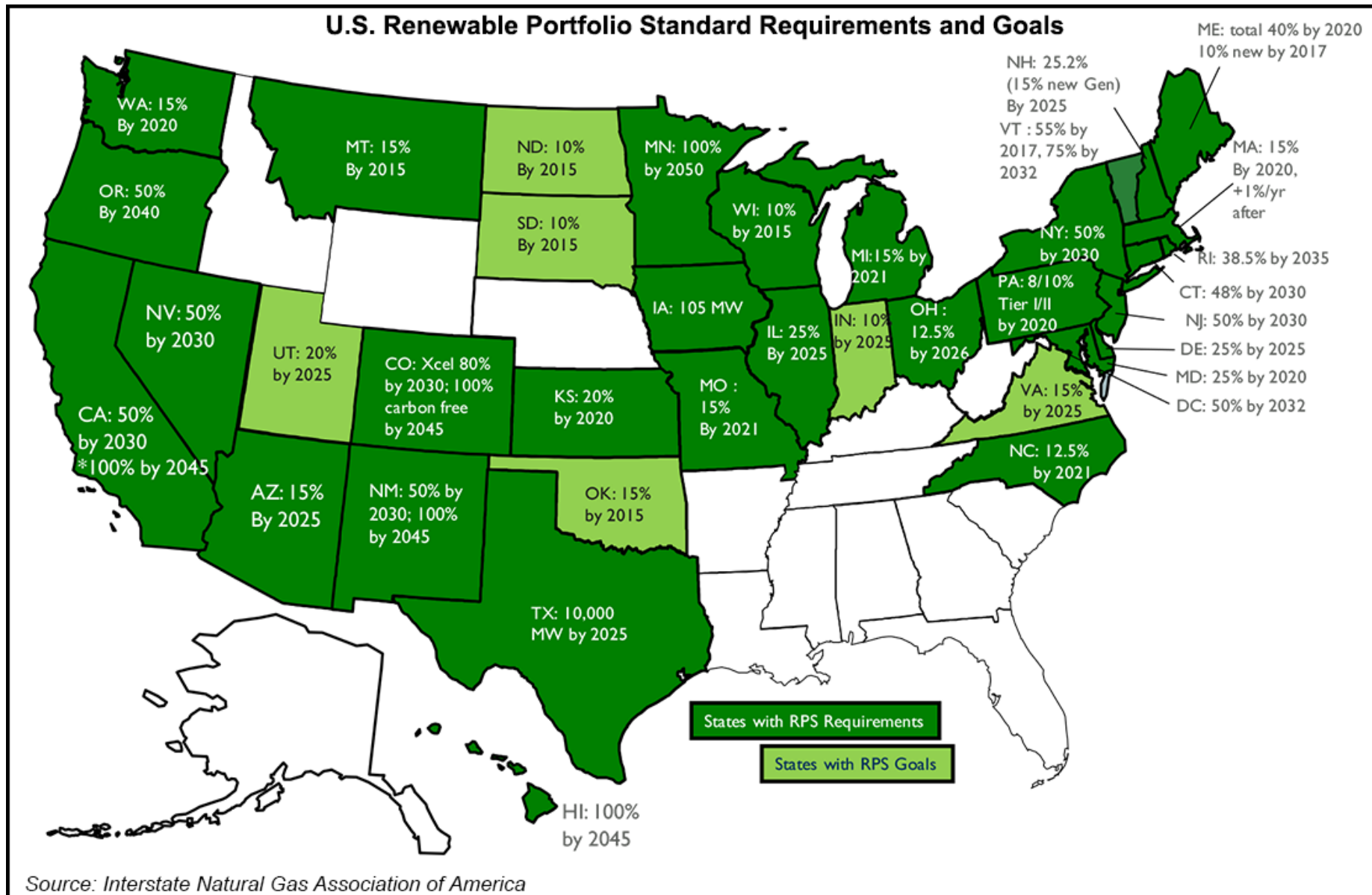
The new degree of comfort®

To learn more contact: DemandResponse@Rheem.com

* Distributed Energy Resource Management System



Renewables Goals by State

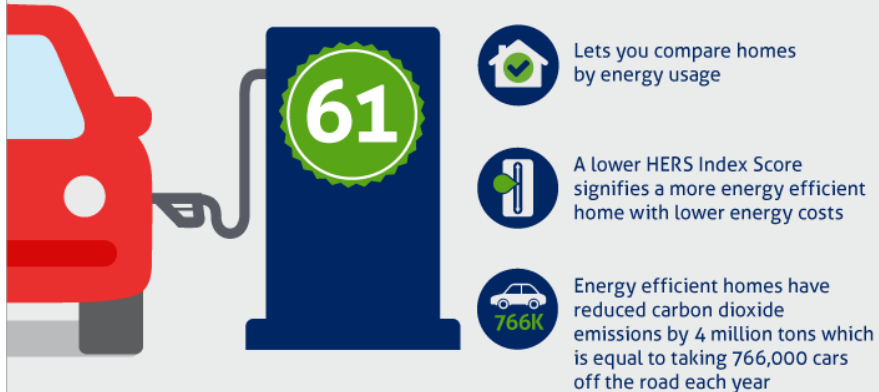


Home Energy Rating System (HERS)

Over 2,000,000 Homes in The U.S. Were RESNET HERS Rated!
From 120,000 homes in 2011.

WHAT IS THE HERS INDEX SCORE?

The HERS Index Score is the nationally recognized, energy efficiency version of a MPG (miles-per-gallon) sticker for homes. It tells you how a home rates for energy efficiency and its potential energy savings as compared to other similar homes.



WHY GET A HERS INDEX SCORE?

Know if a home is energy efficient and how it compares to other similar homes

\$ Improve home comfort and reduce energy bills

- Drafty homes that are too cold in winter and too hot in summer suffer from high energy bills
- In 2016 homes with HERS Index scores generated energy savings of \$268 million

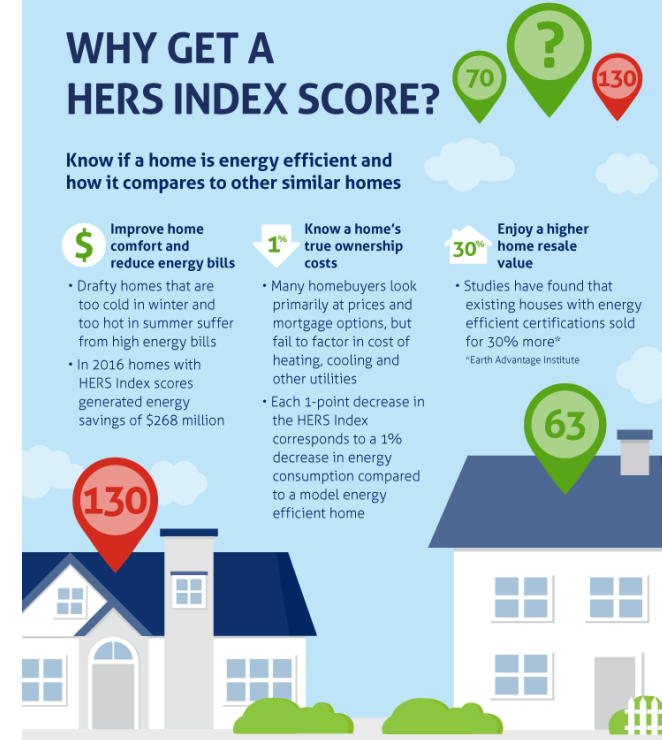
1% Know a home's true ownership costs

- Many homebuyers look primarily at prices and mortgage options, but fail to factor in cost of heating, cooling and other utilities
- Each 1-point decrease in the HERS Index corresponds to a 1% decrease in energy consumption compared to a model energy efficient home

30% Enjoy a higher home resale value

- Studies have found that existing houses with energy efficient certifications sold for 30% more*

*Earth Advantage Institute



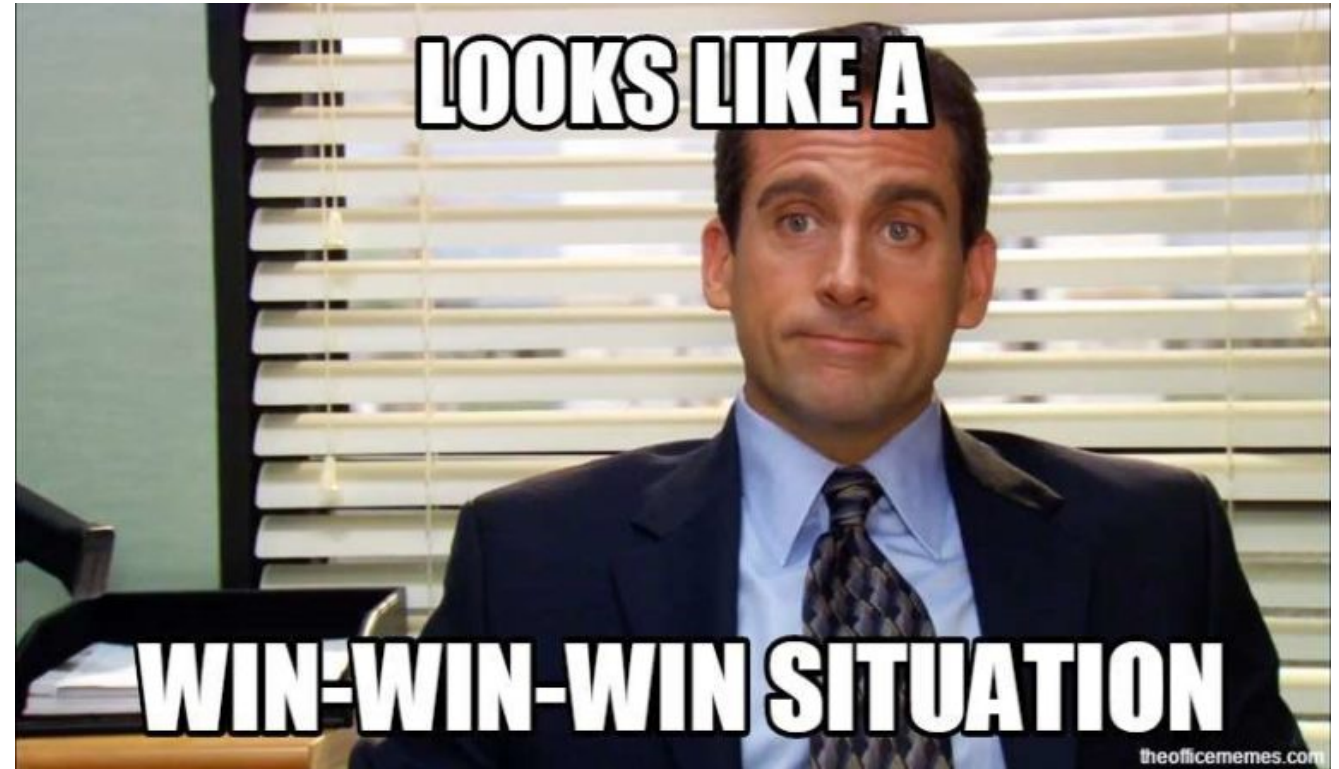
Prestige[®] Series Hybrid Electric Water Heater
Saves 4-7 HERS Points!



Recap/Questions?

The Rheem Hybrid Wins:

- Highest Efficiency
- Quietest
- Install ability
- Connectivity
- Leak Detection
- Energy Savings Reports
- Included Ducting Connection
- Serviceability
- Recovery
- Available Models



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