

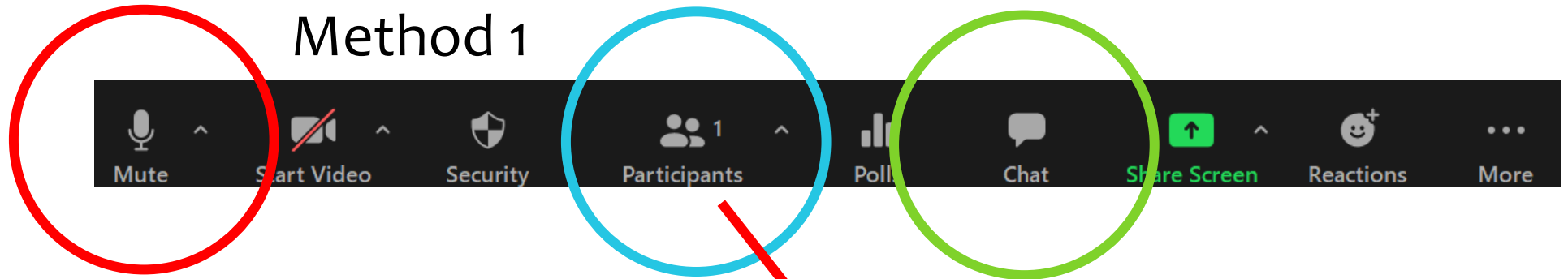


Breakout Session HVAC

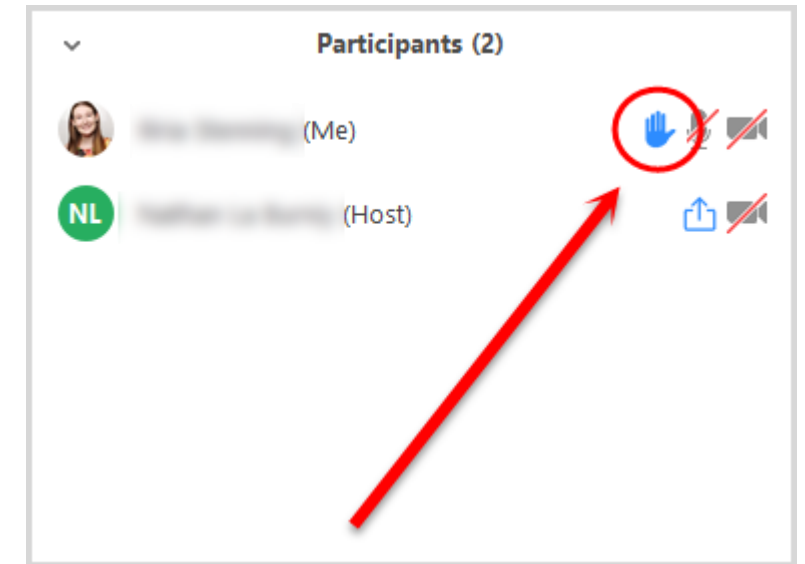
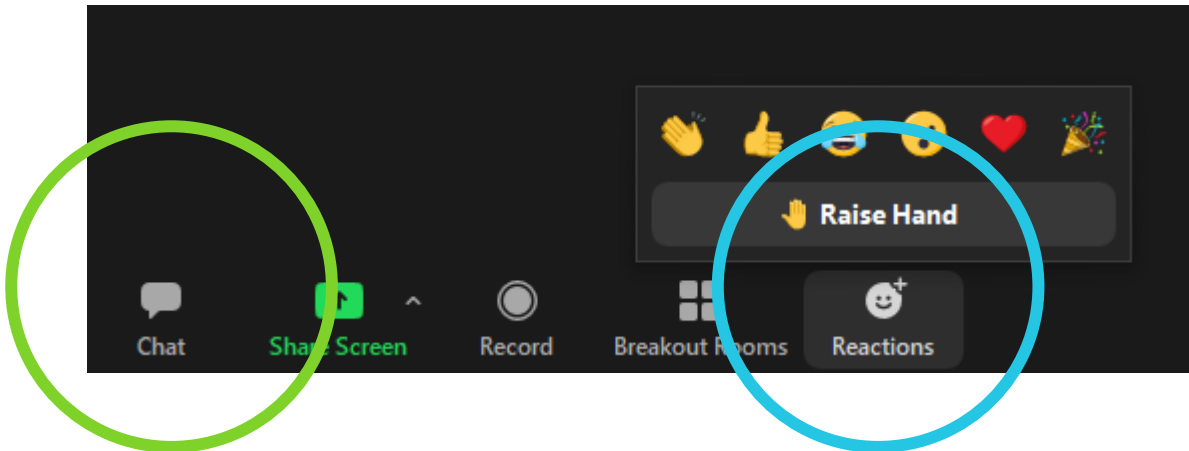
Heating, Ventilation, and Air Conditioning Programs

Raising Your Hand and Using the Chat Feature in Zoom

Method 1




Method 2



EWEB – Commercial HVAC Collateral and Promotions

Product	Rebate ¹
Ductless Heat Pump (replacing electric resistance heat)	\$1,000 \$1,300 per ton ²
Ductless Heat Pump (upgrading DHP or new construction)	\$300 per ton
Ductless Heat Pump (replacing non-electric heat)	\$350 per ton
Split or packaged air-source heat pump (replacing electric resistance heat)	\$1,000 per ton
Split or packaged air-source heat pump (upgrading HP or new construction)	\$150 per ton
Split or packaged air-source heat pump (replacing non-electric heat)	\$350 per ton
Advanced Rooftop Unit Controls (Lite) ³	\$100 \$200 per ton ²
Advanced Rooftop Unit Controls (Full) ³	\$200 \$300 per ton ²
Variable Refrigerant Flow system (replacing electric resistance heat)	\$1,000 \$1,300 per ton ²
Variable Refrigerant Flow system (new construction)	\$0.60 per sq ft
Variable Frequency Drive (electric or gas heat)	\$300 per hp
Connected Thermostats (gas or electric heat) ³	\$350 per unit
Package Terminal Heat Pump (replacing PTAC or electric resistance heat)	\$600 per unit
Package Terminal Heat Pump (new construction)	\$100 per unit

EWEB – Commercial HVAC Collateral and Promotions



Business Solutions & Rebates

Using less energy in your business may be easier than you think. Improvements to lighting, HVAC systems, and other equipment you use every day will help reduce energy waste, lower your costs, and improve the safety and comfort of your facilities.



Efficiency improvements can make your workplace more environmentally friendly as well, benefiting the entire community.

We offer:


- **Lighting** rebates for offices, parking lots, stores, industrial facilities and more
- **HVAC** system rebates
- **Commercial food service** equipment rebates for ovens, fryers, steam cookers, holding cabinets, and kitchen ventilation
- **Refrigeration** equipment rebates for anti-sweat heater controls, door gaskets, fan motors for coolers, LED refrigeration case lighting, and refrigeration lighting motion sensors
- **Custom incentives** for new construction and other projects that offer energy savings and carbon reductions
- **Low-interest** loans with on-bill financing

Visit www.eweb.org/business for more information and to apply.

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500 E. 4th Avenue
Eugene, OR 97401
541-685-7088
www.eweb.org



Connected Thermostats

Outdated thermostats in commercial spaces can wreak havoc. Too hot, too cold, too much, too little. Installing a connected thermostat not only makes people more comfortable and improves the working environment, but helps manage energy use and costs. Add to that incentives from EWEB, and that's a win all around.

Set for saving



Connected thermostats give you more control and a clearer picture of what's happening with your HVAC system. Because they're connected through the internet, these thermostats offer some really useful features like scheduling multiple set back temperatures during unoccupied hours throughout your facility. You can more accurately match up when the heating or cooling is on with when people are using specific areas of the building.

Better for business

Switching to connected thermostats makes good business sense. They are simple to program, and you can even control them from your smartphone or tablet. You can choose to receive automatic updates and alerts by text or email, and find all sorts of data to help with planning, maintenance and troubleshooting. Bottom line, connected thermostats save you time, help you use less energy, and reduce operating costs.

Visit www.eweb.org/business to apply for a \$350 rebate.

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Advanced Rooftop Unit Controls

Your building's rooftop units (RTUs) help keep your offices, retail shops, schools and other commercial buildings healthy and comfortable year-round. Most of these units come with only basic control functions that do not use energy efficiently. The good news is retrofitting existing units with Advanced Rooftop Unit Controls (ARC) improves efficiency, lowers energy costs and increases building comfort. Add to that incentives from EWEB, and that's a win all-around.

Automated energy and cost savings



Basic rooftop units typically have single-speed fans that either run full blast or not at all. By reducing fan speeds as needed, at times up to 60%, ARC helps you save energy, lower costs and reduce wear and tear on equipment. Ask us about other features and benefits.

Automate and improve comfort


By design, units with ARC installed are quieter and have a longer lifespan. ARC automatically matches ventilation needs with occupancy, improving air quality and comfort. And the advanced technology for automated fault detection and alarms lets you know if something is wrong, helping to reduce service calls.

Visit www.eweb.org/business to apply for a rebate of up to \$300 per ton.

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Variable Frequency Drive

Match demand and comfort

A variable frequency drive (VFD) on an air handling unit (AHU) fan adds a VFD to existing single-speed fan(s). All AHUs with existing single-speed fans are eligible for VFD retrofit and rebate.



A VFD matches motor energy to system demand requirements. When installed on an AHU fan, the VFD varies fan speed. Slower fan speeds draw less power than single-speed fans, while maintaining comfort, and resulting in energy savings. Add to that incentives from EWEB, and that is a win all around with a typical payback of 2 years or less.

Improved energy and cost savings

While some AHU systems are engineered for 100 percent flow, many could operate with less. For example, turning a fan down just 10 percent can save up to 25 percent in energy costs. In most systems, reducing the speed by 50 percent can result in a 75 percent drop in energy consumption.

Visit www.eweb.org/business to apply for a rebate of up to \$300 per Fan Horsepower.

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EWEB – Commercial HVAC Collateral and Promotions

HVAC rebates

Heating and cooling systems can account for nearly half of a business' energy bills. We offer rebates that can help with the up-front investment cost of energy-saving improvements.

Product	Rebate ¹
Ductless Heat Pump (replacing electric resistance heat)	\$1,000 \$1,300 per ton ²
Ductless Heat Pump (upgrading DHP or new construction)	\$300 per ton
Ductless Heat Pump (replacing non-electric heat)	\$350 per ton
Split or packaged air-source heat pump (replacing electric resistance heat)	\$1,000 per ton
Split or packaged air-source heat pump (upgrading HP or new construction)	\$150 per ton
Split or packaged air-source heat pump (replacing non-electric heat)	\$350 per ton
Advanced Rooftop Unit Controls (Lite) ³	\$400 \$200 per ton ²
Advanced Rooftop Unit Controls (Full) ³	\$200 \$300 per ton ²
Variable Refrigerant Flow system (replacing electric resistance heat)	\$1,000 \$1,300 per ton ²
Variable Refrigerant Flow system (new construction)	\$0.60 per sq ft
Variable Frequency Drive (electric or gas heat)	\$300 per hp
Connected Thermostats (gas or electric heat) ³	\$350 per unit
Package Terminal Heat Pump (replacing PTAC or electric resistance heat)	\$600 per unit
Package Terminal Heat Pump (new construction)	\$100 per unit

¹ Submit a program application for pre-approval.

² Promotional incentive. Project application must be approved by Sept. 30, 2021.

³ Visit eweb.org/business_hvac for Qualified Products List.

Contact us

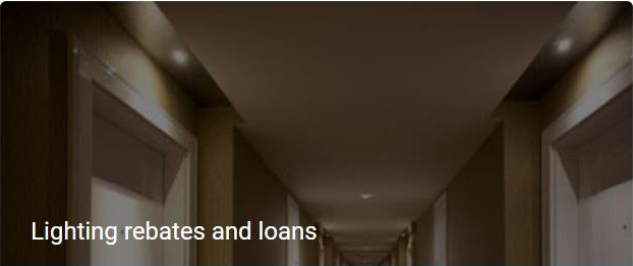
To learn more about efficiency rebates, ask for technical assistance, or apply for rebates and loans:

Email: ems.answers@eweb.org
Call: 541-685-7088



Visit www.eweb.org/business to get the latest information on rebates, loans and other programs.

EWEB – Commercial Online Resources




Lighting rebates and loans

Take advantage of our lighting program to provide your business with energy-efficient and cost-effective lighting upgrades.




HVAC rebates for businesses

Heating and cooling systems account for nearly half of a business' energy bills. We offer business rebates and loans that help keep your employees and customers comfortable year-round, while saving on your energy costs.



Windows and insulation rebates

We offer rebates to help you upgrade your business's existing shell with energy-efficient products.



Food services rebates

If you have a restaurant or other commercial kitchen, our food services rebate program can help you replace your existing equipment with energy-efficient products.



Commercial refrigeration rebates

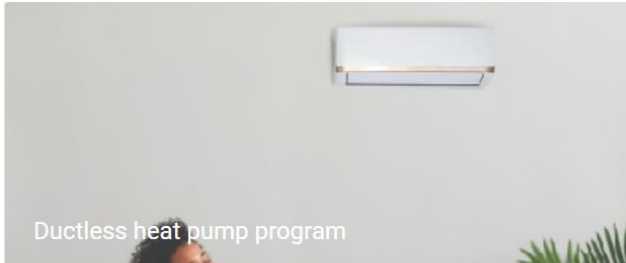
We promote energy efficiency by offering you a streamlined and cost-effective way to replace your business's existing refrigeration equipment with energy-efficient products.



Process and manufacturing rebates

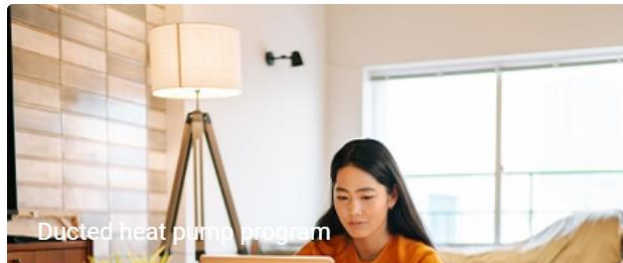
If you're considering improvements to your facility or manufacturing process, be sure to make our rebates part of your plans.

EWEB – Residential Online Resources




Ductless heat pump program

An energy efficient ductless heat pump is cheaper to install and operate than any other heating system.



Ducted heat pump program

High-efficiency heat pumps are ideal for our mild Pacific Northwest climate.



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You are an essential part of our success, from our energy efficiency programs to backflow testing, and more. We appreciate your support and partnership.

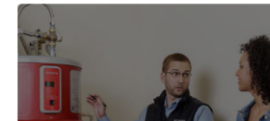
Participating contractors: Check out the following resources including program specifications, testing requirements and inspection checklists.

- See materials shared at the residential contractor meeting on December 10, 2019, [here](#).

Interested in becoming a participating contractor for one of our energy efficiency programs? Please complete the [New Contractor Application](#) and [W9](#). Send the completed forms to:

EWEB Customer Solutions
PO Box 10148
Eugene, OR 97440

For information on EWEB project/program requirements, click on the program tile below for the program you are participating in.





Continued HVAC Discussion

Contractors, Utilities and Partners

Business Solutions and