HEAT PUMP WATER HEATERS

What Is It?

Heat pump water heaters work similarly to a refrigerator but in reverse. So, rather than removing heat from a space like a refrigerator, a heat pump water heater takes heat from the surrounding air and transfers it into the water tank.

Heat pump water heaters are also called hybrid electric water heaters because they can supply heat using a heat pump or electric resistance like a traditional electric water heater.

How Is It Efficient?

Heat pump water heaters use refrigerant to transfer heat from one area to another rather than creating heat.



Systems can be up to <u>2 - 4 times more efficient</u> than electric resistance hot water systems.



How Can I Save?

Average Bozeman home could <u>save</u> <u>around 70%</u> on fuel or electricity costs when switching from propane or electric resistance water heaters.

- Tax credits available up to \$2,000
- Point-of-sale rebates will become available up to \$875 - \$1,750 dependent on eligibility (anticipated 2024)

Make sure model meets <u>efficiency</u> <u>requirements</u> to qualify for savings

Buying Tips

Location: Heat pump water heaters should be installed in a conditioned interior space that maintains a temperature of 40 - 90°F.

Space: Heat pump water heaters need space or airflow to work most efficiently. They should be installed in a location with at least 450 - 1000 ft³ of space. Smaller spaces may work with adequate ventilation or a louvered door.

Noise: Heat pump water heaters can create sound levels to average home noise, dishwashers, or refrigerators

Capacity: Estimate the size of tank you will need based on occupants and intended use. Consult your contractor on sizing and location.

