

# Home Energy Audit



Get the full picture of your home's energy use, comfort & safety. A home energy audit acts like a roadmap to increasing your home's energy efficiency, showing what needs to be upgraded, sealed or repaired.

## What to expect from a high-quality energy audit

During a home energy audit, the technician will walk through your entire home, including your crawl space, basement and attic, and gather details about how your entire home works. Your feedback, including how you use your home and what issues you've noticed, is an important part of the audit. They'll assess:

- **Health and safety:** a good energy audit will identify sources of poor air quality (e.g. carbon monoxide from leaky fossil-fuel appliances, poor ventilation) and suggest solutions.
- **Comfort:** your auditor will ask you what parts of your home are more uncomfortable than others—too hot or cold, drafty, mold or moisture issues, odors, etc. This can help them identify underlying issues.
- **Energy efficiency:** they will measure the envelope of your home. Air sealing and insulation may save you money by preventing energy waste.

## Can I get away without an audit?

You can install a heat pump without an energy audit, but you'd miss key benefits. A more efficient home improves heat pump performance and lowers energy bills. Plus, efficiency upgrades may allow for a smaller, less expensive heat pump while enhancing comfort and resilience in extreme weather.



## RESULTS

Detailed report about your home, with improvement recommendations.

## TIME REQUIRED

2-4 hours

## ENERGY AUDIT COST

\$0-\$500

## Parts of an Energy Audit

Depending on how detailed of an audit you get, it may include the following tests:

- **Blower door testing**—measures how tightly your home is sealed, and what size heat pump you would need.
- **Insulation inspection**—assesses condition of existing insulation, what needs to be added or replaced.
- **Thermal infrared imaging**—identifies areas of your home with the biggest temperature differences, to identify insulation gaps air leakage.
- **Manual J and duct pressure testing**—calculates proper design of a new HVAC system.

## Rebates & Tax Credits

- Federal tax credit up to \$150 for an energy audit
- If you income-qualify, there are local programs that offer free energy audits. Visit [electrifypdx.org/no-cost-options](http://electrifypdx.org/no-cost-options) for a list.

Get more helpful resources and sign up for a free yard sign at [www.electrifypdx.org](http://www.electrifypdx.org)

