

IS A DUCTLESS SYSTEM RIGHT FOR YOU?

Ductless heating and cooling systems distribute warm air more evenly and efficiently than traditional electric heaters. They reduce electric heating costs by 25%–50% while also providing efficient air conditioning. The chart below compares electric heating options for an average single-story 1,500-square-foot home in the Northwest. All numbers are based on adding a single ductless system with a single indoor unit. Results vary based on location, home size, layout, electricity costs and other variables.



DUCTLESS HEAT PUMP



ELECTRIC RESISTANCE HEATING



ELECTRIC FORCED-AIR FURNACE



DUCTED CENTRAL AIR-SOURCE HEAT PUMP

FEATURES

COMFORT				
Consistent comfort	Best	Poor	Good	Best
Air conditioning included	✓	✗	Some products	✓
Noise level (indoor)	Low - Medium	Low - Medium	Medium	Medium
Noise level (outdoor)	Medium	—	—	High
COST				
Utility rebates available (contact your utility for more information)		✗	✗	
Annual heating costs	\$	\$\$\$	\$\$\$\$	\$\$
State and federal tax credits (visit dsireusa.org for more information)		✗	✗	
Typical installation cost	\$\$\$	\$\$	\$\$\$\$*	\$\$\$\$\$*
Estimated upgrade cost from electric baseboard, wall or ceiling heat**	\$\$	—	\$\$*	\$\$\$\$*
Estimated upgrade cost from electric forced-air furnace**	\$\$	\$	—	\$\$\$\$
Energy efficient in open living spaces	Best	Poor	Good	Good
CONVENIENCE				
Flexible, space-saving installation (allows for flexible placement of furniture in home)	✓	✗	✗	✗
Handheld remote control included	✓	✗	✗	✗
No ducting required	✓	✓	✗	✗
Zonal control (heat or cool only the spaces you want to)	✓	✓	✗	✗

*Includes cost to install ductwork in the home. If your home already has ducts installed, installation costs would be significantly reduced.

**Estimated upgrade costs are based on data from utility rebates, our HVAC partners, and state and federal taxes.

Visit GoingDuctless.com to learn more.

DUCTLESS
HEATING & COOLING SYSTEMS

The NW Ductless Heat Pump Project 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.