

## HEAT PUMP SPACE HEATING

Rather than directly generating heat, heat pump systems use electricity to transfer heat between your home and the outside air. In mild climates such as ours, heat pumps are an energy-efficient alternative to furnaces and air conditioners. Not only are they a cleaner source of heating than gas furnaces, they are also significantly more energy-efficient than electric resistance heating systems. There are different options available for different types of homes and heating and cooling needs.

**Central Air Source Heat Pumps** are generally used in homes with ventilation systems already in place. The systems consist of indoor and outdoor elements, moving the heat from outdoor air into the home. Because they move heat from one area to another rather than generating it directly, these systems are highly energy efficient. In warmer months, your heat pump can work in reverse to move heat from inside the home to the outdoors.



Using an air source heat pump system can reduce the amount of electricity you use for heating by 50 percent, compared to electric resistance heating such as furnaces and baseboard heaters.

Replacing a natural gas furnace with a central air source heat pump system will also improve indoor air quality and remove the risk of combustion-related accidents and injury, making your home a safer and healthier place.

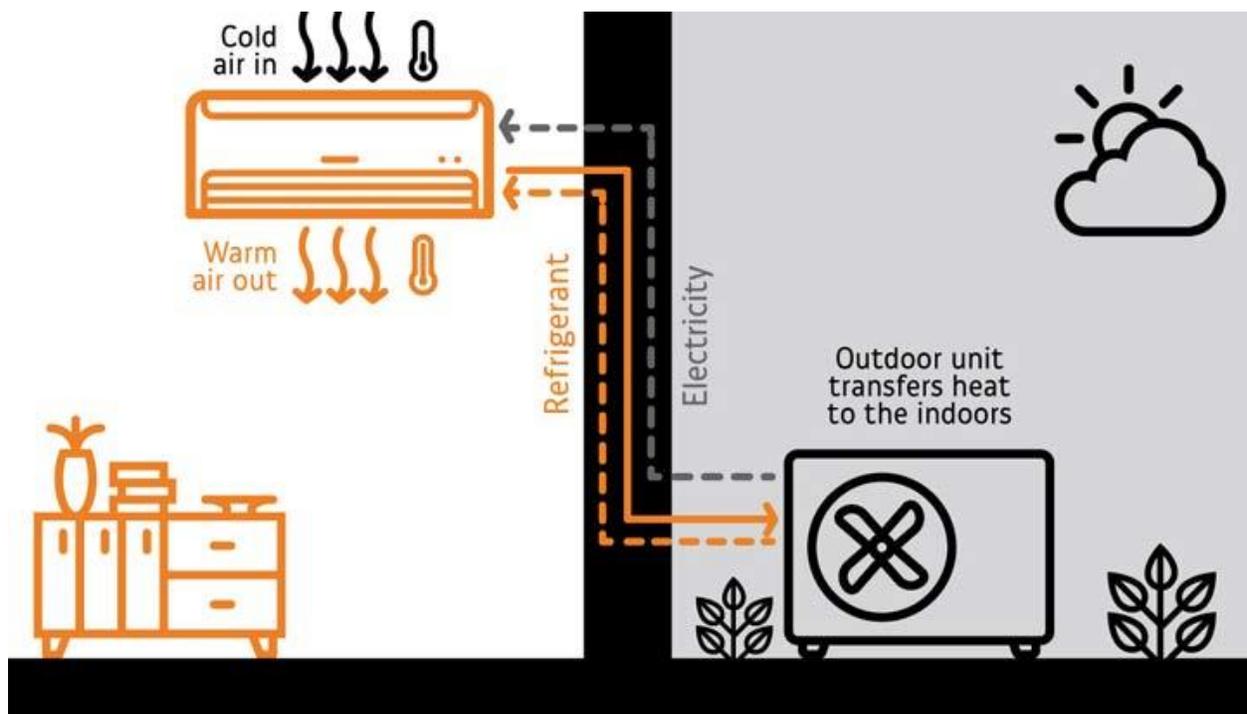
### Rebate Amounts and Requirements for Central Air Source Heat Pumps

Rebates of \$1,000 (\$2,000 for Income-qualified applicants) for units that meet the following:

- Must be certified by the Air Conditioning, Heating and Refrigeration Institute (AHRI)
- Must have SEER of 16.0 or greater and HSPF of 8.5 or greater\*
- Both the condenser unit and the air handler are new and installed simultaneously

\* Rounding up of SEER/HSPF is not acceptable

**Mini-Split Heat Pumps** are smaller, quieter systems that work in the same way as central systems. Mini-split systems can be ideal for retrofitting houses with non-ducted heating systems, or for building additions when installing or extending ductwork isn't feasible. Mini-splits have two main components – an outdoor compressor/condenser and an indoor air handling unit, linked together by a conduit. These systems are small and provide the flexibility to manage different temperature zones. These systems are generally easy to install, quiet, and provide flexibility in interior design.



#### **Rebate Amounts and Requirements for Mini-Split Heat Pumps (Ductless and Ducted):**

Rebates of \$800 (\$1,600 for income-qualified applicants) for units that meet the following:

- Must be certified by the Air Conditioning, Heating and Refrigeration Institute (AHRI) and the matched assembly is a model combination that is listed in the AHRI Directory of Certified Equipment
- All units must meet or exceed SEER 16.0 and HSPF 8.5<sup>†</sup>

<sup>†</sup> Rounding up of SEER/HSPF is not acceptable

**Questions?** Call (415) 473-3609 or email [energy@marincounty.org](mailto:energy@marincounty.org)  
[www.marincounty.org/energy](http://www.marincounty.org/energy)