



# Dual Fuel

## What's it going to cost me?

A dual-fuel unit costs about \$500 to \$1,000 more than conventional heating and cooling systems because you're getting essentially two systems in one. But the amount you'll save in the next two to three years from lower heating costs will more than make up the difference you'll spend on a better system, if converting from gas only heat to dual fuel.

## Heat Pumps 101

In the summer, a heat pump extracts heat from within your house and discharges it outside, leaving the air inside the building cooler. In winter, it basically acts like a reverse air conditioner. By reversing the flow of refrigerant and its utilization, it extracts heat from outside of the house and brings it inside where it is sent into the house or building through ductwork.

## Help is here!

**Financing is available** to existing home owners through Energy Advance financing with Farmers & Merchants bank. An Energy Advance loan contractor can also give you pricing on the different brands and models of dual fuel systems available.

## Savings + Rebates = Efficiency

A dual-fuel heat pump is an electric heat pump and a gas furnace all in one. In the Berkeley Electric service area, where temperatures are typically above freezing and we enjoy lower than national average electric rates, a heat pump is the most efficient way to heat your home.



In those few instances when the temperature drops below freezing, a gas furnace provides heat more economically. By combining the two, you can have the benefits of both systems.

## How it works

When the temperature is above 35 degrees or so, the dual-fuel heat pump uses electricity to heat your home as necessary. This type of heat circulates evenly throughout your home and costs less than gas heat. When it gets really cold outside (around 35 degrees or lower), the heat pump can automatically switch to supplemental gas heat, for better efficiency and comfort.

Because there are advantages and disadvantages to both a heat pump and gas furnace based on the outdoor temperature, the dual-fuel solution really does give you the best of both worlds. It's the most comfortable heating system at any outdoor temperature, as well as one of the most efficient, versatile, and economical heating-and-cooling systems you can buy.

## Rebates! Rebates! Rebates!

New systems installed and inspected by BEC Marketing Representatives, may qualify for a **\$500 rebate per home**. This is limited to one system per residential account.

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