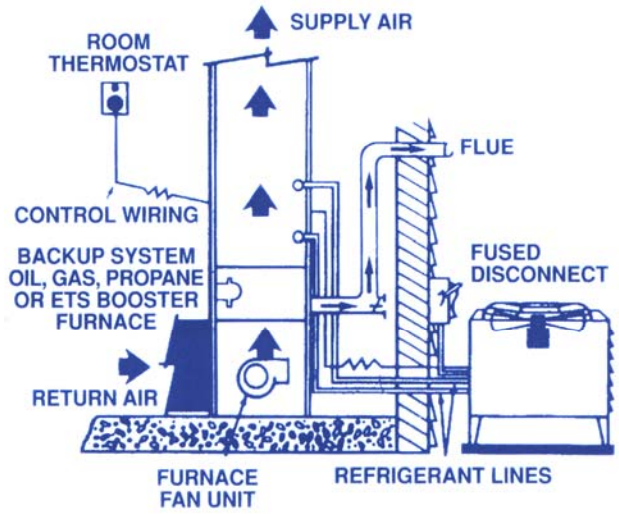
DUAL FUEL SYSTEM

What is a Dual Fuel System?

It is a state-of-the-art heating and cooling system that combines an energy efficient air-source electric heat pump with a new or existing oil, gas, propane, or ETS booster furnace. By participating in our Load Management Program, a dual fuel system qualifies for a special, lower electric rate. To join the program, a Load Control Receiver (LCR) must be installed near the heat pump. The LCR allows Bedford Rural Electric to occasionally interrupt the heat pump during peak load conditions. This helps to hold down electric rates and substantially lower heating costs.

ENERGY-EFFICIENT HEATING SYSTEM



How does it work?

The heat pump is the primary source of heating and cooling for the home. The furnace provides supplemental heating when necessary. At temperatures down to 25°F, a heat pump is more than twice as efficient as the highest-efficiency gas or oil furnace. In fact, it supplies two to three times more heat for your family than the electric energy it uses. As outdoor temperatures fall into the twenties, the heat pump requires the furnace to work in conjunction with the heat pump to maintain the desired indoor temperature. Occasionally, our Load Management Program interrupts the electric heat during peak load conditions, typically on the coldest days of the winter months. When this happens, your furnace then handles the complete heating load.

What are the Advantages of a Dual Fuel System?

1. An electric heat pump, in conjunction with Bedford Rural Electric's special Dual Fuel rate, heats your home safely and efficiently, for less money.
2. The modern air source heat pump is clean, quiet and very cost effective and there are no flames to pollute the air in your home.
3. A heat pump cools and dehumidifies your entire house in the summer, providing year-round comfort.

Are there other Incentives besides Lower Rates and Year-Round Comfort?

Yes! Bedford Rural Electric offers a $500 rebate towards the purchase of a new heat pump with oil, gas or propane backup, and $750 with an ETS booster backup.

Bedford Rural Electric Cooperative, Inc.
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