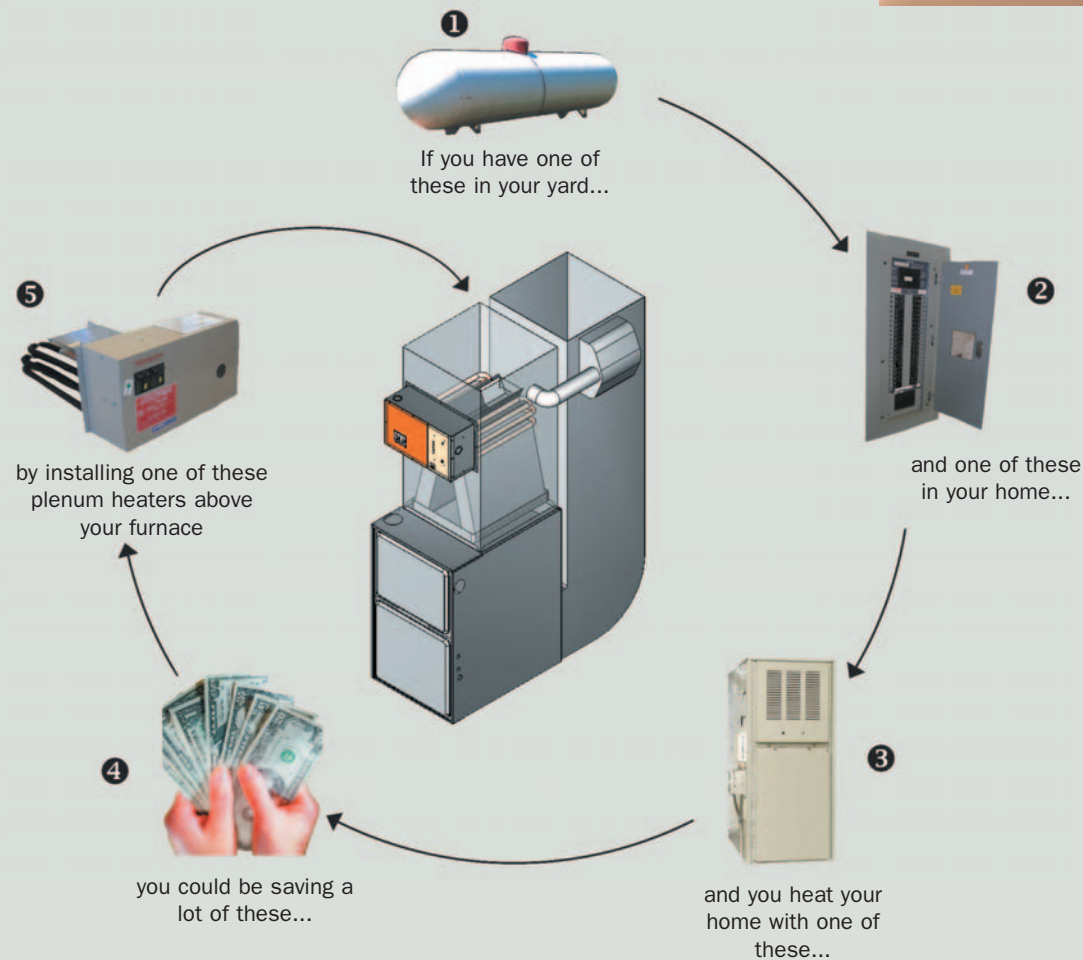


## Is It Time to Enhance Your Existing Propane System?

When you purchase an energy efficient electric plenum heater and use MVEC's Energy Wise rates, your heating costs can be substantially lower and more stable. This allows you to enjoy both comfort and great savings.



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Reliable Electric Energy Choices

# Plenum Heaters



*An easy conversion to clean,  
convenient & comfortable electric heat*

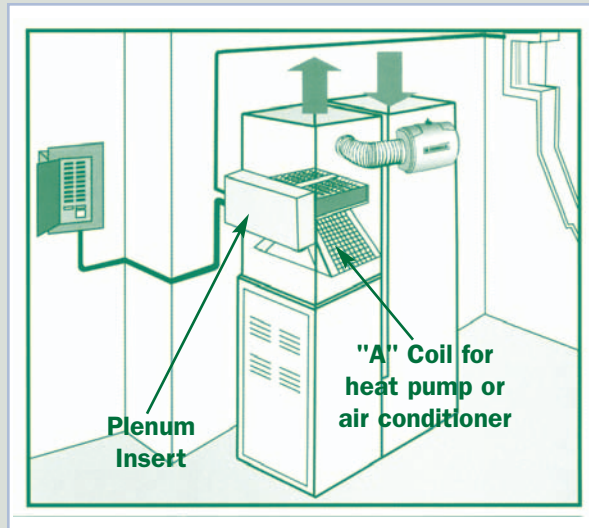
# It's Your Choice

## A simple inexpensive way to add electric heat to your forced-air heating system.

### How do Electric Plenum Heaters Work?

An electric plenum heater is an electric heating unit that is inserted into the plenum chamber of your furnace which is above any fossil fuel heating system. This type of heating system allows you to convert your gas or oil furnace into a dual heating system.

The unit fits in the duct work above the gas or oil furnace and comes in a variety of sizes to fit most applications. If you have a central air system in your furnace, your new electric plenum heater will generally fit neatly above the central air "A" Coil.



The electric plenum heater contains electric coils. When the thermostat calls for heat, the coils activate. The coils then heat the air in the plenum and the fan in your furnace blows this warm air through the existing ducts of your home. Both your fossil fuel furnace and the electric plenum heater utilize the same thermostat and ductwork. Electric plenum heaters can be installed during new construction or in an existing furnace system.

### Plenum Heater Benefits

- 100% efficient, clean, safe, quiet and flameless
- MVEC offers product rebates
- Offers you a second choice in heating your home and it heats more evenly
- Offers lower operating costs compared to other fuel sources
- Enhances your gas furnace - which makes your furnace last longer

### What is a Dual Fuel System?

A Dual Fuel system has two types of heat available for your home or office. The primary source is electric - a plenum heater, air source heat pump, cove heater, electric boiler or baseboard heater. The second source is fossil fuel - gas, oil or propane. Dual Fuel gives you the option to use your fuel of choice, electric or fossil. With an electric plenum heater, MVEC offers a competitive advantage with electricity as your fuel of choice.

### How will it Reduce Gas Costs?

When an electric plenum heater is combined with MVEC's Energy Wise® rates, the savings can amount to hundreds of dollars per year. When your thermostat calls for heat, your electric plenum heater will quietly begin heating your home. Should MVEC have to shed load because of high peaks during that time, the gas furnace will operate, keeping your home or office warm. Once the peak time has passed, the system automatically switches to low cost electric heat.

### What are the Benefits of Energy Wise® Programs?

Energy Wise programs were created to offer you a low-cost option to gas. With your participation in Energy Wise programs you help to reduce peak demands on the electric system. While on this program, MVEC occasionally may switch your electric heat system off to reduce energy usage during a peak. For participation in these programs, MVEC members receive reduced electric rates. This gives you control over the money you spend on gas for heating your home.

**Quick Fact**

An electric plenum heater will act as the primary source of heat for your home or office which will reduce your gas consumption by 90-95%.



### • Energy Price Comparison •

Fuel Oil Standard Efficiency	Propane Standard Efficiency	Propane High Efficiency	Natural Gas Standard Efficiency	Natural Gas High Efficiency	<b>Electric Resistance - Energy Wise</b>
\$0.86/gallon	\$0.61/gallon	\$0.92/gallon	\$0.67/therm	\$1.00/therm	<b>\$0.038/kWh</b>

To be competitive you would have to purchase gas or oil at the prices noted above to equal the cost of running an electric plenum heater on MVEC's Energy Wise rate.

**An electric plenum heater can save you 10-45% on your heating costs.**