

Plenum Heaters

How they work

An electric plenum heater may be used in conjunction with your propane, fuel oil or natural gas furnace to qualify for Verendrye's dual heating rate. The plenum heater typically sits on top of your fossil fuel furnace and uses your existing furnace fan to move air across the plenum heater elements, which then heats your home. Both your fossil fuel furnace and the electric plenum heater utilize the same thermostat and ductwork. Electric plenum heaters can be installed in conjunction with central air conditioning.



Systems Types

If you heat with fuel oil, propane or natural gas installing a electric plenum heater is the most popular option for installing electric heat. This results in a Dual Heating system where either electricity or fossil fuel can heat your home. It gives you the flexibility to decide what energy source you want to use. Electric plenum heater comes in a couple of styles. The standard plenum heater turns it self on 100% when ever the thermostat calls for heat. An warm flow plenum heater only turns on the amount of electric heat that is needed at any given time to heat your home. This type of plenum heater works extremely well with an air source heat pump system.

Clean Savings

Not only do electric plenum heaters operate at an 100% efficiency rate, they also qualify for a special dual heating rate from Verendrye. A typical heating cost of an average home in North Central North Dakota using an electric plenum heater system is normally less than \$500 per year.

Rebates and Financing

Rebates based on system size and low interest financing are available from Verendrye for the purchase and installation of an electric plenum heater. Call our member service department at 1-800-472-2141 for more details.