

# Electro-Mate®

## Electric Plenum Heaters



★ Made in USA

### Your Low Cost Option for Conversion to Off-Peak Electric Heating

#### ELECTRIC HEAT IN THE FUTURE

- Off-Peak and Dual Fuel programs are an effective way to reduce fossil fuel consumption and greenhouse gasses by controlling and maintaining electric demand all year long
- Electric cooperative heat rates are a buffer to a potentially volatile fossil fuel market
- Reduce U.S. dependence on foreign fuel by relying on our existing electric infrastructure for home heating
- Existing and alternative energy sources are likely to be distributed in the form of electricity, such as solar and wind power

Vander Vegt Electric Inc  
2251 Naples Street  
Mora, Minnesota 55051  
320-679-3091  
763-689-9044



**Call today to let  
us show you how  
to save up to 50%  
on your annual  
heating bill!**

#### YOUR HOME AND BUSINESS COMFORT IS OUR TOP PRIORITY

We value the opportunity to provide you with:

- Prompt Service
- Professional Workmanship
- Easy to Understand Proposals
- Fair and Honest Pricing

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EL832

 **Electro**  
Providing Comfort Through  
Efficient Energy Solutions

## WHY OFF-PEAK ELECTRIC HEATING?

- Clean, safe, reliable electric heat provides an affordable alternative to fossil fuel
- By allowing remote control of an Electro-Mate electric heat system, cooperatives can offer electricity at almost half the standard electric rate
- Off-Peak heating programs are vital to electric cooperatives' ability to maintain and control power demands throughout the heating season

### WHEN IS ELECTRIC HEAT COMPETITIVE?

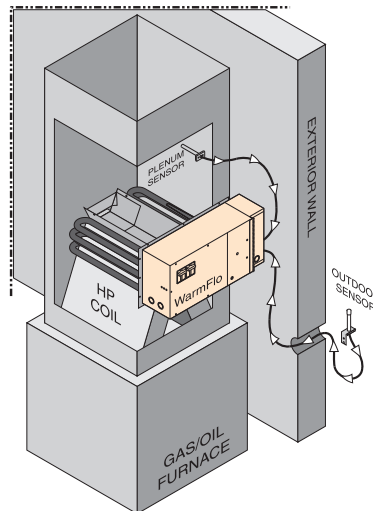
Off-Peak Rate (Cents/kWh)	LP, 90+ (\$/Gal)	Fuel Oil (\$/Gal)	Nat Gas, 90+ (\$/Therm)
3.5	0.85	0.81	0.92
4.0	0.97	0.91	1.05
4.5	1.09	1.11	1.19
6.0	1.40	1.47	1.49
7.0	1.60	1.71	1.74
8.0	1.82	1.95	1.99

The kWh rate relates to one gallon, liquid fuel, at appropriate furnace type.

- Example - if your off-peak electric rate is 4.0 cents/kWh, LP gas would have to sell for \$0.97 per gallon to be more economical.

## ELECTRO-MATE WITH GAS FURNACE CONVERSION

- Lowest initial cost installation
- Installed above your existing fossil fuel furnace with or without heat pump/air conditioning
- Heat with electric into the coldest days of the year - larger models will heat your home all season long
- Dual fuel switch allows you to manually switch between electric and fossil fuel heat
- Built-in controls for utility off-peak programs
- WarmFlo® smart control automatically adjusts to provide a constant, comfortable temperature in your home



## ELECTRO-MATE WITH HIGH EFFICIENCY HEAT PUMP AND GAS FURNACE CONVERSION

- Heat pumps can operate at efficiencies up to 200% above 20° outdoor temperature. Below 20° temperatures the heat pump output, though still over 100% efficient, may not keep your home comfortable and your gas furnace will operate more often.
- Adding an Electro-Mate will boost your heat pump system output and comfortably heat your home well below typical design temperatures, keeping your fossil fuel usage to a minimum.
- Electro-Mate with WarmFlo® smart control will calculate the ideal output required to heat your home, then work with your heat pump to maintain that ideal (most efficient) output, even on the coldest days.
- Extending the usable range of your heat pump allows you to continue your savings with off-peak and dual fuel programs, providing a much quicker payback on your initial investment.

## ELECTRO INDUSTRIES' STANDARD OF QUALITY

- Made in USA - Monticello, MN
- Time Proven Electro-Mate® Design
- Thousands of Electro-Mate® Units Still in Service Since 1979
- 20-Year Element Warranty
- Certifications - Listed by ARL to STD: ANSI/UL 1996
- Large wholesale outlet



FULL LINE OF ELECTRIC BOILER MODELS AVAILABLE