

ENERGY WISE

for your Home



With as much as half of the energy used in your home going to heating and cooling, choosing ENERGY STAR® certified heating and cooling equipment can have a big impact on your comfort while helping you save money.



24386 State Highway 4
PO Box 529
Sleepy Eye, MN 56085
800-658-2368
www.browncountyrea.coop



YOUR GUIDE TO HEATING AND COOLING

Air Source Heat Pump (ASHP)

- It's the best of both worlds. ASHPs provide home cooling and supplemental heating with 72% less electricity than conventional air conditioners and furnaces.
- ASHPs are measured by: 1) Seasonal Energy Efficiency Ratio (SEER) 2) Energy Efficiency Ratio (EER) and 3) Heat Seasonal Performance Factor (HSPF). The SEER rating most accurately reflects overall system cooling efficiency on a seasonal basis and EER reflects the system's cooling energy efficiency at peak day operations. HSPF is the most commonly used measure of a heat pumps heating efficiency. The higher the HSPF, the more efficient the heat pump.
- You can switch between cooling and heating directly from the thermostat, putting you in complete control.
- Heat pump must be placed on Brown County REA's load management program and have non-electric or adequate whole house storage backup to qualify for rebate.

Central Air Conditioner (CAC) and ASHP Tune Up

- The best way to ensure efficient operation of your cooling system is by having a tune-up every two years.
- A tune-up by a service expert can improve your unit's efficiency by as much as 20%, extend its life and help protect our environment.

Unit must be at least three years old to qualify for rebate, available every two years.

Ductless ASHP

- Use 60% less energy than standard home electric resistance-based heating systems, because they transfer instead of generate heat.
- Use sophisticated compressors and fans that can adjust speeds to save energy. You can cut cooling costs by 30% compared to conventional room air conditioners.

Electronically Commutated Motor (ECM) for your furnace

- ECMs help save energy and money by running at the best speed, opposed to traditional motors that always run at top speed.
- Furnaces equipped with an ECM have lower annual operating costs and can save you \$40 to \$300 per year depending on how you use the furnace fan.

Ground Source Heat Pump (Geothermal)

- The most efficient residential heating and cooling system available today.
- Provides energy savings of 20-50%, which results in recouping your investment in only a few years.
- Heating efficiencies 50-70% higher than other heating systems and cooling efficiencies 20-40% higher than available air conditioners.

HEATING AND COOLING

Rebate Application

Member Information:

Name _____ Account # _____

Address _____

City _____ State _____ ZIP _____ Phone _____

Member Type Homeowner Renter Landlord Builder Other

By signing this application, I certify the appliances for which I am claiming a rebate are qualifying ENERGY STAR® rated products and are installed at the address listed above which represents a valid cooperative account.

Signature _____ Today's date _____

Equipment Information

Air Source Heat Pump

Equipment Brand _____ Model Number _____ Serial Number _____

HSPF _____ SEER rating _____ AHRI Number _____

Ductless ASHP _____ Model Number _____

ECM Motor _____ Model Number _____

New Furnace with ECM

Model Number _____ AHRI Number _____

Manufacturer _____ Model Number _____

Ground Source Heat Pump (GSHP)

Manufacturer _____ Model Number _____

Tons _____ Annual Energy Use (kWh/year) _____

Contractor Information – Tune Ups, ECMs and ASHPs

Name _____ City _____ State _____

Contractor signature _____ Contractor company _____

For Central Air or ASHP Tune Ups:

I certify that I have completed the following on this unit.

- clean condenser coil & check belt, if needed
- test all controls & blow out drain lines
- check coolant level & lube motor, if needed
- check indoor furnace filter & educate homeowner on system operation
- check coolant pressure visually & inspect entire system

Retailer Information – Ductless ASHPs

Retailer/Store Name _____ Location _____

Rebates are available for Central Air/ASHP tune ups, and the purchase of Ductless ASHPs, ECM motors and GSHPs. Rebate submittal must follow the guidelines as outlined by the cooperative. The cooperative is not responsible for inaccurate information supplied by appliance dealers. Rebates will be issued only for products on the current list of ENERGY STAR rated products as of the purchase date. ENERGY STAR occasionally removes products from qualifying lists, and the cooperative will not rebate products that have been delisted as of the purchase date or are mislabeled as ENERGY STAR. To verify ENERGY STAR certification for ductless air source heat pumps, visit <http://www.ceedirectory.org/ceedirectory>. Rebate program is subject to change or cancellation without notice. Call the cooperative to verify rebate program status.

Important:

- Check with cooperative for qualifying rebate amounts. Rebate amounts less than \$100 will be paid as credit on electric account bill.
- Product(s) must be installed within the cooperative's service territory.
- Include a copy of the original dated sales receipt(s).
- Submit completed rebate form and a copy of the original sales receipt to:

Brown County REA, PO Box 529, Sleepy Eye, MN 56085 Email bcrea@bcrea.coop Fax: 507-794-4282



Member Signature _____ Date _____