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) Heat Seasonal Performance Factor (HSPF). HSPF/HSPF2 is the most commonly used measure of a heat pumps heating efficiency. The higher the HSPF/HSPF2, the more efficient the heat pump.
  2) Seasonal Energy Efficiency Ratio (SEER). The SEER/SEER2 rating most accurately reflects overall system cooling efficiency on a seasonal basis.
  3) Energy Efficiency Ratio (EER). EER/EER2 reflects the system's cooling energy efficiency at peak day operations.
- You can switch between cooling and heating directly from the thermostat, putting you in complete control.

CENTRAL AIR CONDITIONER (CAC)

- If your air conditioner is more than 12 years old, replacing it with a rebate qualifying model could cut your cooling cost by 30%.

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.

DUCTLESS/MINI-SPLIT 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 are standard in new construction. Rebates are available only for replacement.
- 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

- The most efficient residential heating and cooling system available today.
- Provide 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.

Choosing higher efficiency heating and cooling equipment can have a big impact on your comfort while helping you save money.

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 products and are installed at the address listed above which represents a valid cooperative account.

Signature _____ Today's date _____

EQUIPMENT INFORMATION – MINI SPLITS (DUCTLESS)

System type ☐ Ductless ASHP ≤ 1 ton ☐ Ductless ASHP > 1 ton

System efficiency ☐ High efficiency ≥ 14.3 SEER2 & ≥ 7.5 HSPF2 ☐ Premium efficiency ≥ 15.2 SEER2 & ≥ 8.1 HSPF2

ASHP alternate/backup heating system type ☐ Electric Resistance ☐ Propane/Nat Gas

Outdoor Unit Model Number: _____

Indoor Unit(s) Model Numbers And Quantities: _____

_____

CONTRACTOR/EQUIPMENT INFORMATION – TUNE UPS, ECMS AND GSHPS

Contractor Name _____ City _____ State _____

Contractor signature _____ Contractor company _____

Cooling Equipment Tune Up

Equipment Brand _____ Model Number _____ Serial Number _____

Approx. age of unit _____ yrs. SEER /SEER2 rating _____ ☐ SEER ☐ SEER2

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

Replacement furnace with ECM Motor qualifying criteria – must be ENERGY STAR listed

Model Number _____

Serial Number _____ AHRI Number _____

Manufacturer _____

Ground Source Heat Pump (GSHP) qualifying criteria – must be ENERGY STAR listed

Manufacturer _____ Model Number _____ Tons _____

IMPORTANT:

- Check with cooperative for qualifying rebate amounts.
- 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 within 90 days of purchase date.
- To verify specific model efficiency ratings or ENERGY STAR certification status please visit the following resources
  - Ductless ASHPs – https://www.ahridirectory.org/Search/SearchHome?ReturnUrl=%2f
  - Replacement furnaces
    - https://www.energystar.gov/productfinder/product/certified-furnaces/results
    - https://www.ahridirectory.org/Search/SearchHome?ReturnUrl=%2f
    - GSHPs – https://www.energystar.gov/productfinder/product/certified-geothermal-heat-pumps/results

Rebate program is subject to change or cancellation without notice. Call the cooperative to verify rebate program status

Heating and Cooling

Reference and Conversion Sheet

Notice: On January 1, 2023 the Department of Energy (DoE) began using a new testing procedure to rate the efficiency of air conditioners and air source heat pumps. These changes require new metrics (SEER2/EER2/HSPF2) that were derived from the DoE's new test procedure (M1) rather than the historical metrics (SEER/EER/HSPF) from the old test procedure (M).

The simple conversion table below will help you to identify air conditioning (AC) and air source heat pump (ASHP) equipment that qualifies for ENERGYWISE rebates in 2023 using the following steps.

Step 1: Determine what ratings system was used for the equipment model that you plan to purchase.

Step 2: Confirm that the efficiency ratings of the new equipment exceeds the requirements for the rebate measure you are applying for using the table below to convert between the old and new efficiency ratings when needed.

SEER	DUCTED SEER2	DUCTLESS SEER2
14.0	13.4	14.0
14.5	13.8	14.5
15.0	14.3	15.0
15.5	14.8	15.5
16.0	15.2	16.0
17.0	16.2	17.0
17.5	16.7	17.5
18.0	17.2	18.0
19.0	18.1	19.0
20.0	19.0	20.0

EER	DUCTED EER2	DUCTLESS EER2
10.2	9.8	10.2
11.0	10.5	11.0
11.5	11.0	11.5
11.7	11.2	11.7
12.0	11.5	12.0
12.2	11.5	12.2
12.5	12.0	12.5
13.0	12.5	13.0

HSPF	DUCTED SPLIT HSPF2	DUCTED PACKAGE HSPF2	DUCTLESS HSPF2
8.0	6.8	6.7	7.7
8.2	7.0	6.9	7.9
8.8	7.5	7.4	8.4
9.0	7.7	7.6	8.6
9.5	8.1	8.0	9.1
10.0	8.5	8.4	9.5
11.0	9.4	9.2	10.4

NOTE: The cross references for efficiency in the above tables should be noted as approximate.

Rebate program is subject to change or cancellation without notice.