

# ENERGYWISE

## Air-Source Heat Pumps

### DUCTLESS / MINI-SPLIT

A ductless, or mini-split, air-source heat pump does not require ductwork in your home. There is one outdoor condenser connected to one or more indoor air distribution units. Indoor units are typically mounted on the wall, floor or ceiling. The individually-controlled indoor units allow for zoned heating and cooling, which maximize comfort and energy savings.

#### A good fit when:

- Already heating with radiators, in-floor, or electric baseboard heat.
- Getting rid of window air conditioners or adding home cooling.

### CENTRAL / DUCTED

A central air-source heat pump uses existing ductwork to distribute heated and cooled air throughout your home. The outdoor condenser is connected to the indoor furnace fan. Unlike a central air conditioner, a central air-source heat pump provides both heating and cooling in a single system. **A registered HVAC contractor must apply and submit this rebate information to Dakota Electric.**

#### A good fit when:

- Already heating with forced air (with ductwork in place).
- Replacing a central air conditioner or adding one for the first time.

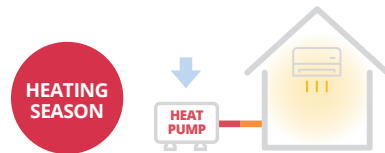
### CONTACT THE ENERGY EXPERTS®

Before investing in a new heating system, get a home energy audit. Contact our Energy Experts at 651-463-6243.

An air-source heat pump (ASHP) uses electricity to heat and cool. It works like an air conditioner to cool, and works in reverse to move warmth from outside air into your home to heat. It heats a home up to three times more efficiently than forced-air and electric-resistance heating systems.

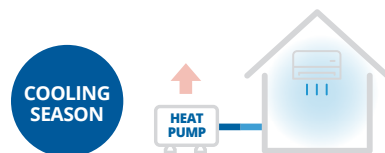
### HEATING WITH AN ASHP

If you want an ASHP to be your primary heating system, you'll need a cold climate ASHP (ccASHP) and a back-up heating system. While ccASHPs are more expensive upfront than ASHPs, there is a potential for heating-fuel cost savings if you already heat with electricity or propane. An ASHP's heating performance is noted with its HSPF (heating season performance factor).



### COOLING WITH AN ASHP

ASHPs and ccASHPs offer the same cooling benefit as an air conditioner (A/C). An ASHP's cooling performance is noted with its SEER (seasonal energy efficiency ratio), same as you would see for A/C units. Look for SEER 15 or higher for improved energy efficiency.



### NEXT STEPS

1. Determine whether a ductless or central ASHP will work best with your existing heating system.
2. A rebate of \$500-\$800 is available for an 8.2 to 9+ HSPF air-source heat pump installed by a registered\* HVAC contractor.
3. Ask contractors the right questions:
  - Does the company have a state license for HVAC?
  - Are they insured?
  - How long have they been in business?
  - Can they send a NATE-certified or other technician with education credits or experience on ASHPs to my home?
  - Tell the contractor your needs (cooling, heating, both). If heating through the winter, ask for a "cold climate ASHP."

### NEED A TUNEUP?

Receive a \$25 rebate on your air-source heat pump when you have it tuned up.

#### STANDARD PERFORMANCE AIR SOURCE HEAT PUMP

Highly efficient down to 32° F

Look for HSPF 8.5 or higher

#### PREMIUM PERFORMANCE COLD CLIMATE AIR SOURCE HEAT PUMP

Highly efficient down to 5° F

Look for HSPF 9 for central or HSPF 10 for ductless

\*A registered HVAC contractor is currently registered through [www.hvacredunet.net](http://www.hvacredunet.net). These registered contractors have agreed to the terms of the program and passed a test demonstrating their knowledge of quality installation practices. Rebate program, including the availability of rebates, is subject to change or cancellation without notice.

# AIR-SOURCE HEAT PUMP TUNEUP

2023 Rebate Form

## QUALIFICATIONS

To receive a \$25 rebate:

1. Tuneup must be completed where electricity is supplied by Dakota Electric.
2. Hire the contractor of your choice.
3. After completing the tuneup, have your contractor fill out the contractor portion of the rebate.
4. Complete the member portion.
5. Return to Dakota Electric, along with a copy of the dated contractor invoice, within one year from date of tuneup.
6. Rebate will be issued as a credit on your electric bill. Offer expires Dec. 31, 2023.

## QUESTIONS?

Call the Energy Experts at 651-463-6243 or 1-800-874-3409.

Receive a \$25 rebate on your air-source heat pump when you have it tuned up. Please review the qualifications prior to submitting your application.

Rebate will be issued as a credit on your bill. Please allow 8-12 weeks for processing. Incomplete forms will not be processed. Submit completed rebate form and copy of dated contractor invoice within one year of tuneup to:

**Rebates, Dakota Electric Association, 4300 220th Street West, Farmington, MN 55024**

## MEMBER INFORMATION

Name \_\_\_\_\_

Service address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone \_\_\_\_\_ Email \_\_\_\_\_

Account # \_\_\_\_\_

I certify that a tuneup has been performed at the residence above by an HVAC contractor.

Member signature \_\_\_\_\_

## CONTRACTOR INFORMATION

Equipment brand \_\_\_\_\_

Model # \_\_\_\_\_

Serial # \_\_\_\_\_

Approx. age of unit \_\_\_\_\_ yrs. SEER rating \_\_\_\_\_

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

- |  |  |
|--|--|
| <input type="checkbox"/> Clean condenser coil        | <input type="checkbox"/> Check belt, if needed                 |
| <input type="checkbox"/> Check coolant level         | <input type="checkbox"/> Lube motor, if needed                 |
| <input type="checkbox"/> Check coolant pressure      | <input type="checkbox"/> Visually inspect entire system        |
| <input type="checkbox"/> Test all controls           | <input type="checkbox"/> Blow out drain lines                  |
| <input type="checkbox"/> Check indoor furnace filter | <input type="checkbox"/> Educate homeowner on system operation |

Contractor signature \_\_\_\_\_

*Program is for tuneups only; it does not cover the cost for repairs of the heat pump. The air-source heat pump must be in operating condition, over three years of age and not had a tuneup in the last two years.*