

# Air Source and Geothermal Heat Pump Application

It is the homeowner's responsibility to ensure the contractor completes the checklist. Submit completed application to your local utility. Please contact your utility with any questions or visit: [EnergyWiseNebraska.com](http://EnergyWiseNebraska.com) for details on all incentives available.

Direct Incentive - OR -  Low Interest Loan --- Apply for one! Electric Utility: \_\_\_\_\_

1. Homeowner's Name: \_\_\_\_\_ Phone # \_\_\_\_\_

Mailing Address, City & Zip: \_\_\_\_\_ Account # \_\_\_\_\_

Installation Address, City & Zip: \_\_\_\_\_ Meter # \_\_\_\_\_

2. Name of HVAC Contractor: \_\_\_\_\_ Tax ID # \_\_\_\_\_

Address & City: \_\_\_\_\_ HVAC Phone # \_\_\_\_\_

3. Equipment: Mfr.: \_\_\_\_\_ Heat Pump Model #: \_\_\_\_\_ Furnace or Coil ID # \_\_\_\_\_

Tons: \_\_\_\_\_ Backup Heat: Electric \_\_\_\_\_ (kW), or Fossil Fuel (natural gas, propane, etc.) \_\_\_\_\_ (Btuh)

**NEW** construction: Was a heat pump installed instead of a fossil fuel furnace/air-conditioner?  Yes  No

**CONVERSION**: Is this a conversion from a fossil fuel furnace and air-conditioner?  Yes  No

**UPGRADE**: Is this an upgrade from an existing heat pump?  Yes  No

TYPE OF HEAT PUMP	INCENTIVE CRITERIA
<input type="checkbox"/> Ductless Mini-split	15+ SEER, 12.5 EER, 8.5 HSPF
<input type="checkbox"/> Ductless Mini-split	Variable Capacity (inverter driven) *
<input type="checkbox"/> Ductless Mini-split (multi heads, 3 ton or greater)	Variable Capacity (inverter driven) *
<input type="checkbox"/> Air Source	15-15.9 SEER, 12.5 EER, 8.5 HSPF
<input type="checkbox"/> Air Source	16-17.9 SEER, 12.5 EER, 8.5 HSPF
<input type="checkbox"/> Air Source	18+ SEER, 12.5 EER, 8.5 HSPF
<input type="checkbox"/> Air Source	Variable Capacity (inverter driven) *
<input type="checkbox"/> Geothermal - water-to air or water-to water (1 or 2 stages)	Any EER
<input type="checkbox"/> Geothermal - water-to air or water-to water (variable capacity)	35+ EER, 5.0+ COP in GLHP (partial load column of AHRI or Energy Star certificate)

\*Provide documentation that shows manufacturer, model number and that states the equipment is "inverter driven"

## 4. Contractor Checklist:

Manufacturer's required start-up testing has been completed.

Ductwork has been reviewed and potential issues have been discussed with homeowner.

After heat pump has been operating a minimum of 10 minutes (heat pump mode only) record the following for each indoor unit:

**Air Source:** (Measure a minimum of 2 indoor units for multi head systems)

Heating  or Cooling ; Supply Air Temp \_\_\_\_\_, \_\_\_\_\_ °F Return Air Temp \_\_\_\_\_, \_\_\_\_\_ °F

**Water to Air:** (Measure pressure difference (DP) to determine flow rate (gpm) from manufacturer's data)

Heating  or Cooling ; Supply Air Temp \_\_\_\_\_ °F Return Air Temp \_\_\_\_\_ °F

Entering Source Temp = \_\_\_\_\_ °F Leaving Source Temp = \_\_\_\_\_ °F Source Flow Rate = \_\_\_\_\_ gpm

**Water to Water:** (Measure pressure difference (DP) to determine flow rate (gpm) from manufacturer's data)

Entering Source Temp = \_\_\_\_\_ °F Leaving Source Temp = \_\_\_\_\_ °F Source Flow Rate = \_\_\_\_\_ gpm

Entering Load Temp = \_\_\_\_\_ °F Leaving Load Temp = \_\_\_\_\_ °F Load Flow Rate = \_\_\_\_\_ gpm

5.  **AHRI Certificate is attached** (required for all installations) AHRI # \_\_\_\_\_

6. I acknowledge that this installation is following the program guidelines.

Homeowner: \_\_\_\_\_  
Print Name Signature Date

Contractor: \_\_\_\_\_  
Print Name Signature Date