

Ameren Missouri Heating and Cooling Program

Be informed and choose an energy efficient heating and cooling system.

Heating and cooling account for nearly 50% of your annual energy costs. Choosing the right system can help reduce your energy use and save money. Ameren Missouri offers rebates for qualifying energy efficient systems, which can further help reduce costs. By understanding basic information and knowing what questions to ask, you'll be sure to find the right HVAC system for your home.

What are the different types of HVAC systems?



- Central Air Conditioner – Circulates cool air through your home using air ducts.
- Air-Source Heat Pump – Can both heat and cool your home. Heat pumps are generally more energy efficient at heating your home than electric resistance furnaces.

- Ductless Mini-split – Provides zoned heating and cooling without ductwork.
- Ground Source (Geothermal) Heat Pump – Uses the constant temperature of the earth instead of the outside air temperature to heat and cool your home.

How is the efficiency of a system measured?



- Seasonal Energy Efficiency Ratio (SEER) is most commonly used to measure the efficiency of a central air conditioner. The higher the SEER, the more efficient the system. SEER measures how efficiently a cooling system will operate over an entire season, compared to the electricity used.

What is AHRI and how does it help ensure an efficient system?



- A heating and cooling system is more efficient when its components are designed to work together. The indoor unit, the outdoor unit and the furnace need to be compatible with each other in order to efficiently cool and heat your house. The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) develops standards and certifies the performance of full systems.

What is an Electronically Commutated Motor (ECM)?



- An ECM is a motor that can operate at a range of speeds, rather than just 'on' and 'off.' When it is not needed at full speed, the motor can slow down, which uses far less energy. Plus, your system will turn on and off less frequently, which means fewer temperature fluctuations and more comfort.

How can a smart thermostat help save energy?



- A smart thermostat is a thermostat that learns from your behaviors, allows you to control the climate in your home remotely and can adjust itself based on conditions in the home. A smart thermostat is a great tool to manage your energy use.

Why should I work with a participating contractor?



- An Ameren Missouri participating contractor can help evaluate your existing system and provide a recommendation on needed upgrades. Plus, they are able to offer current utility rebates for qualifying equipment, helping you select a more affordable and energy efficient unit and installation.

Is it time to upgrade your current HVAC system? If you answer "yes" to any of these questions, it might be.



- Is your system 10 or more years old?
- Does your system require frequent repairs?
- Are you topping off your system frequently with R-22? [Note: Beginning in 2020, it'll be illegal to manufacture it or import new R-22.]
- Has your system experienced a major component failure?
- Does your system seem to run a lot to keep your home comfortable?

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When working with a contractor, asking these questions can help ensure you're getting the right system for your house.



System Size and Capacity

- What equipment should I get to suit my home and my lifestyle?

- Will you measure my home and calculate the correct size for my equipment?
- Is this equipment compatible with my furnace and other existing equipment?
- Will you install and help me set up a smart thermostat?
- Does the system include an ECM?

Energy Efficiency Incentives and Rebates

What Ameren Missouri, manufacturer or other rebates and incentives are available?

- System _____
- ECM _____
- Smart Thermostat _____
- Furnace _____

Warranties

- How long are the parts and labor covered? _____
- Do you offer a preventative maintenance program? _____

Cost Savings

- What are the estimated annual savings and payback period?

Other Changes

- Will the upgrade require changes to my home's electrical system?

- Is my ductwork adequate and well-sealed?

Contractor

- Contractor Name _____
Address _____
Phone _____
- Contractor Name _____
Address _____
Phone _____
- Contractor Name _____
Address _____
Phone _____