

COLUMBUS CURRENTS

Are Portable Space Heaters Efficient for My Home?

By Abby Berry

Small space heaters are meant to do exactly as their name says: heat a small space. But unfortunately, many people use portable space heaters to heat their entire home, which can really take a toll on your energy bills. The truth is, whether you should use space heaters really depends on your home's efficiency and energy needs.

If you're using a space heater to compensate for problems in your home, like inadequate insulation, drafty windows and exterior doors, or an inefficient heating system, space heaters are not a practical solution. Your best bet is to improve the overall efficiency of your home. If you're on a tight budget, caulking and weather stripping around windows and exterior doors is a low-cost, easy way to save energy.

Depending on the size of your home, adding insulation can be a great next step. Loose fill insulation typically costs \$1 to \$1.50 per square foot.

Taking these proactive energy-saving measures rather than relying on space heaters for supplemental warmth can reduce your heating and cooling bills for years to come.

Perhaps your home is energy efficient but you're cold-natured and want a specific room to be cozier than the rest. In this case, a space heater may work for your needs.

A good comparison is ceiling fans; we use ceiling fans in the summer to cool people, not rooms.

A space heater can be used in a similar way during winter months. Only use a space heater in small spaces that you're occupying and, if possible, try to shut off

other rooms to contain the warmth provided by the space heater. If you decide to use a space heater to heat a small area in your home, make sure the heater is properly sized for the space; most heaters include a general sizing table.

A word about safety: the U.S. Consumer Product Safety Commission estimates more than 25,000 residential fires are associated with the use of space heaters every year, resulting in more than 300 deaths. If you must use a space heater, purchase a newer model that includes the most current safety features and make sure it carries the Underwriter's Laboratory (UL) label. Choose a thermostatically controlled heater to avoid energy waste and overheating, and place the heater on a level surface away from foot traffic when in use. Always keep children and pets away from space heaters.

Consider alternative ways to stay warm like extra layers of clothing or UL-approved electric blankets. If you have hardwood or tile floors, lay down area rugs to provide additional insulation (and appeal!) and maintain warmth.

We know it's cold out there, but remember in addition to safety concerns, space heaters can greatly increase your energy bills if used improperly.



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5 Ways to Save During Winter

Winter weather typically means increased energy use at home. Keep your bills in check with these tips to save energy—and money!

Mind the thermostat. If you have a traditional heating and cooling system, set the thermostat to 68 degrees or lower. Consider a smart or programmable thermostat for additional savings.

Get cozy. Add layers of clothing for additional warmth, and snuggle up under your favorite heavyweight blanket.

Don't block the heat. If your air vents or heating elements (like radiators) are blocked by furniture or rugs, your home isn't being adequately heated.

Take advantage of sunlight. Open window coverings during the day to let natural sunlight in to warm your home. Close them at night to block the chilly night air.

Block air leaks. Seal windows and exterior doors with caulk and weather stripping to improve indoor comfort and decrease the amount of energy used to heat your home.

Scholarship Applications Now Being Accepted for the 2023-2024 school year

Columbus Electric Cooperative offers education scholarships to active members of CEC and their immediate family members. Scholarship recipients can receive financial assistance for up to eight semesters of undergraduate studies at the college of their choice. Applicants must complete an application and submit letters of recommendation. Applications may be obtained by contacting our office, your high school counselor or at columbusco-op.org/scholarships. Deadline to submit a scholarship application is March 2.



Board Highlights

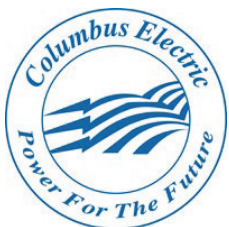
At their regular meeting in December the Board of Trustees reviewed and approved the 2023 operating and capital items budgets. They also approved continued participation in Tri-State Generation & Transmission's rebate program. They reviewed and approved the operating and financial reports for the month of November.

Energy Efficiency Tip of the Month

Insulating your electric water heater can reduce standby heat loss by 25% to 45%, saving you 7% to 16% on annual water heating costs.

The Dept. of Energy rates this project as medium difficulty, meaning most homeowners can tackle this project on their own. You can purchase pre-cut jackets or blankets for about \$20 at most home improvement stores. Visit energy.gov for project tips and additional considerations.

Source: energy.gov



Emergency Response Number
1-800-228-0579

Toll - free Office Number
1-800-950-COOP (2667)

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