



801-296-0477

Ways To Lower Summer Cooling Costs

We all know electric bills tend to soar in the summer heat, so we're offering a list of ways to help lower them:

Be Aware of Thermostat Settings: Cooling costs can account for 50% or more of a summer electric bill. Set the thermostat at 78° instead of 72°; this can cut an electric bill by 25%.

Clear Yard Debris: Grass clippings, leaves and other airflow restrictions around your outdoor unit can cause it to work harder, and use more electricity.

Block Out Sun: Bright sunlight can increase cooling costs by up to 30%. Keep blinds closed to block out 70% of the heat and 99% of harmful UV rays.

Change Your Air Filter: A clean air filter allows maximum air flow; this improves overall efficiency of the unit and helps prevent coil ice-ups.

Consider a New System: If your current system is more than 10 years old, chances are it has a low SEER rating. Depending on your usage, it may not take long for a new, high-efficiency unit to pay for itself with energy savings.

Let us help you chase away the summer heat. Call **High Country HVAC** today to take advantage of our home cooling expertise.

TLC For Outdoor Equipment

Almost all residential central air conditioning systems rely on an outdoor condenser unit. Let's face it, it's not the most attractive possession you own, but it's one of the most valuable, and it's important to protect it from the elements.

Many people screen their air conditioners with plants and shrubs. It may look better to you, but over time the plants can grow too close to the unit, choking off the airflow and increasing your energy bills. Air conditioners need intake and exhaust air to operate efficiently, and that means plants and shrubs should be no closer than 18" from your outdoor unit.

When the outdoor unit is off, wash the sides of your unit down occasionally, and carefully remove any leaves and debris that may have fallen inside. Trim away weeds and climbing vines by hand. It's important to remove vines, since they can wrap themselves around the internal components and can damage them. Don't use a mower or weed eater close to the air conditioner as it might damage the unit or the power supply leading to it.

We're always here to help you maintain your heating and cooling equipment for peak performance. Whenever you have questions about maintenance and repairs, give **High Country HVAC** a call at **801-296-0477**.

Best regards,

Dan Limb & JC Bolton

President

General Manager



801-296-0477

www.highcountryhvac.com

Heating & AC Installation & Service
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Taking A Trip? Leave Your House Safe And Secure

Summer vacations can be exciting, whether traveling somewhere new, or visiting family you haven't seen in awhile. But before you head out, make sure your house is secure for while you're away.

Perform an exterior check of your home. Are there any overgrown shrubs blocking doors, windows or walkways? If so, they're creating a potential hiding place for intruders and need to be trimmed. For rooms without blinds, large

Continued on page 2

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Continued from page 1

valuables shouldn't be visible from the street. Also check that all exterior lights are in working order.

Make your house look like you never left. Have a trusted neighbor pick up your mail and newspapers. Put timers on lamps in a few rooms so they turn on and off at various times. Be sure to mow the lawn if you plan to be gone for more than a week.

Unplug small appliances and electronics. Coffee makers, TVs and other household small appliances can continue to draw current even when switched off. Unplug them to save energy. Also power down your computer so it can't be hacked while you're away.

Don't waste cooling energy when nobody's home. Raising the thermostat to 85° will conserve energy and avoid causing damage to furnishings. A programmable thermostat can be set to adjust the temperature before you return, so you won't walk in to an uncomfortably hot or muggy house. Same thing applies if you have a Web-enabled thermostat. A smart thermostat allows you to monitor or manage your home's indoor temperature while you're away.

Lock it up! Make sure all external locks are working properly. If you have an alarm system, don't forget to activate it before you leave.

Return to a safe and comfortable home. Nothing spoils a vacation faster than coming home to find your cooling system has stopped working. Be proactive and schedule an A/C checkup with us before you leave town. ■



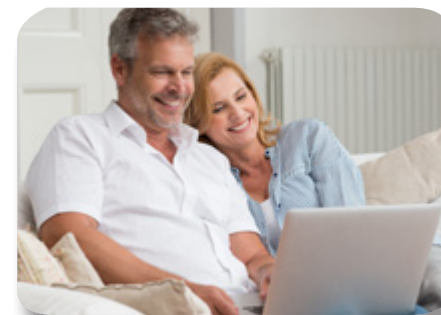
If you're leaving pets at home for a friend to care for, set the thermostat 5 degrees higher than normal for their health and safety.

A Lot Rides On The Right Coil

The evaporator coil is the unsung hero of your home's air conditioner. The coil's job, heat exchange, is second in importance only to the compressor in achieving indoor cooling efficiency.

The evaporator coil holds the chilled refrigerant that the compressor moves into it. As air from the blower fan moves over the coil, the cold refrigerant removes the heat from indoor air. The refrigerant becomes warmer and travels to the condenser coil outdoors.

Coils need to be kept clean, as a dirty coil can add undue stress to your HVAC system. Having the coil cleaned regularly can also improve indoor air quality. Call us for regularly scheduled maintenance to ensure your air conditioner and all its components are operating at peak performance. We'll also make sure the coil is the right one for the job to keep your HVAC system running as it should. ■



If a coil doesn't match your system in size and capacity, it can lead to an overall system imbalance and high utility bills.

Tip

Dust piled up on ceiling fans and vents is an inviting home for dust mites. Clean your fan blades and vents to send dust mites packing before they affect your health.



Come Home To Comfort

Your schedule may change. The weather may change. Even the air quality in your neighborhood may change. But the iComfort® S30 adapts to help deliver the ultimate in comfort, energy savings and peace of mind.

Smart Away Mode: Works with an app on your smartphone to detect when you leave your house, and automatically puts your system into an energy-saving mode.

Schedule IQ™ Technology: Works with Smart Away Mode to help optimize heating and cooling based on the patterns of your family's schedule.

Feels Like™ Temperature: Takes into account the temperature and humidity to help make your home feel exactly like you want it.

Allergen Defender: Monitors the air quality and pollen levels of your zip code and automatically turns the fan on to clean indoor air when outdoor levels are high.

Advanced Warnings: Alerts you to issues before they interrupt your comfort. ■



The iComfort S30 can work with multiple mobile phones at the same time, so complete comfort is simple.

Question & Answer



Radon can be detected with a simple test and fixed through well-established venting techniques.

What Is Radon?

Radon is a naturally occurring radioactive gas that forms when the uranium in rock, soil and water breaks down. It typically moves up through the ground and to the air above, and can enter your home through cracks and other holes in the foundation. Your home can act as a trap, holding this colorless, tasteless and odorless gas inside. Breathing radon over prolonged periods can cause serious lung health issues.

Radon can be found in all 50 states in varying degrees due to differences in soil and geology. To determine the risk, contact the state's radon office, which will have geologic maps and radiation surveys pointing out any trouble spots. Regardless of where you live, both the Surgeon General and the Environmental Protection Agency (EPA) recommend all homes be tested for radon.

You can purchase a do-it-yourself radon detection test kit at many hardware and home improvement stores, or contact the EPA's National Radon Hotline at 1-800-SOS-RADON. Visit www.epa.gov/radon for more information on how to keep your home safe. ■

Earth & Atmosphere

Meteor Showers

Look up at the night sky this August, and you're likely to see a spectacular display of shooting stars. Thousands of tiny meteoroids, most no larger than a grain of sand, burn up as they streak through the Earth's atmosphere, leaving long colorful trails of light behind them.

When comets pass by the sun, large clouds of particles are created, which spread out to form a meteor stream. As the Earth passes through these meteoroid streams, it causes stunning meteor showers. Late July through mid-August is primetime meteor season, as we travel through the Perseid cloud.

All the meteors in a particular shower travel in parallel paths, so they appear to originate from one point in the sky. They're named for the constellation nearest that point — in this case, Perseus the Hero.

This year's Perseid meteor shower will peak between midnight and dawn on August 12–13. During this timeframe you can expect to see dozens, if not hundreds, of meteors per hour. It's a show you won't want to miss. ■



The Leonid meteor shower has produced some of the greatest displays in history. On November 17, 1966 the meteors fell like rain.