

# Ways to Save Energy at Home This Summer

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Russell Craig

Heat created from within your home can contribute considerably to the expenses of cooling. Below are a couple of tips to assist in getting rid of heat from within in the home from **Air Conditioning Repair Ft Myers FL**:

Turn off incandescent lights. Just 5 % of the energy that enters a common incandescent bulb comes out as light. The remaining 95 % comes out as heat! Change to energy-efficient LED bulbs – they produce 90 % less heat, in addition to using 75 % less energy. At first more costly, they are actually less expensive than incandescent bulbs in the long run because they make use of less energy and last a lot longer.

Don't place lights or TVs near your air conditioning thermostat. The heat from these appliances will trigger the air conditioner to run longer.

Cook with microwave, barbeque or pressure cooker. The microwave produces virtually no heat, and is a lot more energy-efficient than the stove or oven. The pressure cooker generates less interior heat with fairly reduced energy consumption. The barbeque, naturally, keeps the heat exterior.

Decrease sources of humidity. Reducing humidity in your house lead to less condensation on your air conditioner coils, conserving electrical power and lowering this concealed source of heat. To minimize humidity:

- vent clothing dryer to the exterior.
- use exhaust fans in kitchen and restroom.
- cover pots when cooking.
- If you have a crawl area, cover any bare dirt with a plastic ground-moisture obstacle.

Seal off laundry space; line-dry garments. Washers and clothes dryers generate large quantities of heat and humidity. When possible, utilize them in the morning or late evening when you can better put up with the extra heat. Seal the utility room when in use, and duct or vent the air to the outside of your house.

Use a clothes line to dry clothes. Clothes dryers launch a considerable amount of heat during operation; they also eat a great deal of electricity. Toss your garments in the dryer on fluff for a few minutes if line-dried clothes are too stiff.

Air dry dishes. This will lower the heat created by the drying out cycle of your dishwasher. Wash just complete loads to lower device use.

Insulate water heater. Water heaters radiate heat which can be quickly contained by insulation. You can purchase a water heater 'blanket', or insulate the water heater yourself making use of faced fiberglass insulation and tuck tape. Make certain not to cover any vents. This basic method will likewise considerably increase the efficiency of your water heater, leading to lower energy costs.

Turn off hot water circulating pump in summertime. If you have a hot water circulating pump for instantaneous hot water at all faucets consider shutting off for the summer. A lot of houses do not have insulated water lines and you pay both heating up the water and eliminating the heat from your home with your air conditioning, the little inconvenience is worth it for energy preservation.

Seal ducts and close basement doors. Numerous homes with central heating have ducts which run with the attic and crawl space. If the seams in these ducts are leaky, specifically in the attic, they can draw in hot summer season

air which streams into your house, creating even more of a tons for a/c. Minor duct repair works are simple to achieve, and generally involve folding or crimping the tin edges with a pliers. Ducts in unconditioned areas, nevertheless, need to be sealed and insulated by competent specialists using the appropriate sealing materials. Air shaft which result in your basement should also be turned off, as this part of your house normally cools itself normally. Keep the door to the basement closed, as cool air will settle down to the basement where it isn't needed.

Ventilate with a window fan. If outdoors temperature is below 77°, a window fan can be utilized to change hot indoor air. Locate fan on the downwind side with fan cutters directing the air outwards. To improve air flow, open a window in each space and make sure all interior doors are open.

Shut gas supply to fireplace and heaters. The pilot burner generates a considerable quantity of heat, and must be off throughout warm months. Re-lighting the aviator light in the fall is as easy as pushing a button on a lot of facilities. Fireplace dampers must likewise be closed throughout the hot months of the year; this decreases the loss of cooler air from inside the house.

As always, the [US Department of Energy](#) has excellent advice on energy efficiency as does the [Energy Star](#) website.



conditioner is on. Sunny windows account for up to 40 percent of unwanted heat and can make your air conditioner work two to three times harder.

**2. Use cold water to wash dishes and clothes.** This will save on water heating costs. Schedule a wash for early morning or late evening to prevent adding more heat and humidity to your home. If used during the day, appliances produce additional heat causing your air conditioner to work harder.

**3. Raise your thermostat to 78°.** If you are away from home for more than eight hours, raise the thermostat setting and you can expect to save up to 3% savings on cooling costs for each degree set back. This is the number one way to conserve energy in your home.

**4. Turn lights off when exiting a room.** They add to the heat in the home. Consider replacing incandescent bulbs with energy efficient LED lighting. Remember to recycle whenever possible.

**5. Unplug electronics when not in use.** Electric chargers, televisions and audio/video equipment use electricity and produce heat even when they are not in use. Running an older refrigerator can use up to 3X the energy of a modern one.

**6. Use weather-strip and caulk.** Apply around doors and windows to rid your house of drafts and prevent leaking of heated and cooled air.

**7. Install low-flow showerhead and faucets.** They're inexpensive, easy to install and reduce energy and hot water use.

**8. Install ceiling fans and make sure they are blowing down.** Moving air over the body provides a cooling effect and can mean savings of around 25% on cooling costs and can make the temperature seem 10 degrees cooler.

**9. Check and clean filters.** Cleaning and replacing air conditioning filters monthly allows the system to run more efficiently. Clear attic vents. If the home has an attic fan, make sure it is functioning properly.

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