

Great  
Little  
Air-Con  
Services



*the Professional Choice for  
Service, Installation & Advice*

## **12 Ways to Save Money and Maintain Good Indoor Air Quality while Operating Your Air Conditioning System.**

You may give away this guide to your friends, family, colleagues, or anyone who you think might benefit from the contents found here provided you do not alter this guide in any way.

### **1. Use Only What You Need**

Only turn on the air-conditioning in rooms that are currently being used.

Turn off the unit if you will be away for more than 1 hour.

### **2. Keeping The Filter Clean Pays Dividends**

Check and clean your unit's filters on a regular basis.

Remove and wash your filters at least once every 2 months. Dirty filters may obstruct airflow and causes your unit to work harder than necessary.

### **3. Keep Fresh Air Intrusion to a Minimum**

Keep your doors and windows closed. Check your home for any unwanted air leakages.

Air leakages usually account for 30% of home's cooling costs. Specifically check the holes around plumbing, wiring, doors and windows area.

### **4. Correct Position of Outdoor Unit Saves You Money**

Position the outdoor unit in a shaded spot.

A shaded unit will stay cooler and thus use less energy to cool the air in your room. Shaded units can save up to 10% more energy versus units which are not shaded.

### **5. Keep Your Temperature in a Comfortable Zone**

Raise your temperature settings in order to find a comfortable zone for you and your family

Each degree you raise on your thermostat can lower your energy bill by up to 9%. Operate your unit between 22 to 25 degree Celsius in order to stay comfortable and save energy at the same time. Consider running a fan in combination with your split unit to increase air circulation in your room.

### **6. Old School Shade Makes Sense**

Use blinds or drapes to cover any east or west facing windows during the appropriate time of the day to block sunlight from entering your room. Minimizing solar heating will reduce the workload of your cooling unit. Consider planting leafy trees in front of your house to benefit from shade provided by the vegetation.

## **7. Utilize the Built-in Sensors / Settings**

Keep the fan setting on "AUTO" in order to run it only when necessary instead of making it work all the time.

Run the system on "DRY" mode instead of "COOL" mode when possible to save more money.

When your air conditioning unit is in dry mode, the device's fan and inner components are running as usual but the unit will not be blowing out cold air. Instead, air passes through the device, humidity condenses on the unit's evaporator and drier air exits the device. The drier air fills the room or area where the air conditioner is located. This dehumidification process removes some moisture from the room or area but not as much as a standalone dehumidifier.

## **8. Regular Service is Essential**

Set up a regular maintenance schedule for your units. A qualified technician should check the refrigerant levels, clean the coils, and check the airflow over the cooling coils. These can reduce your unit's efficiency by up to 40%. You usually only need to do this once a year, unless you are close to a busy road in which case the service should be more frequent.

## **9. Green is the Standard Now**

Utilize green "Non-Toxic" coil cleaning method in order to prevent introduction of toxic chemicals into your living space. Ask your maintenance provider about the chemicals they are utilizing to clean your system.

Find a service provider that utilizes green, safe methods.

## **10. Size is Critical**

When installing new units or upgrading your old system make sure to size up the unit right.

The area you want to be air conditioned and the size of your air conditioning unit are important factors to consider when purchasing an air conditioning system. An undersized system will be overloaded and this will result in higher energy bills than necessary.

On the other hand, installing a unit that is too big for a small space will result in constant cutting out of the compressor which lead to premature wear and tear.

Consult your local professional HVAC providers to size up the right unit for you.

## **11. Keep Your Remote Control Away from Heat Sources**

The remote control is most commonly used as a thermostat on ductless split systems. Keep the remote away from heat sources such as appliances, computers, desk lamps as the additional heat load will result in overcooling of your space and therefore increasing your electricity bill.

## **12. Let Fresh Air In**

In order to prevent buildup of toxins in your indoor air, make sure to open the windows when you are not running your air-conditioning system.

Do not run your split system for prolonged periods of time without allowing for dilution of contaminants by opening your windows/doors. If you must smoke, do so outdoors.



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