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Basic HVAC Repair, Maintenance & Installation Information by [Karrin Garnia](#)

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Air conditioning is simply a procedure that tends to controls the filtration, air circulation, surrounding temperature as well as humidity of the environment. It is associated with the cooling and the dehumidification process of air, and is recognized with refrigeration equipment. A residential AC system keeps your entire home cool in summers, while it also assists lower indoor humidity levels. It can also be centralized with ductwork in order to carry the cooled air to various rooms or individual units that cool specific areas of the house comfort.

Most of the people are still unaware of the real facts of air conditioning equipment. They think that air conditioners are used to lower the temperature in homes by pumping cool air inside. However, actual process is the removal warm air from your house and circulate it back in as cooler air. This is a regular cycle and continues to run until thermostat reaches the desired pre-set temperature. The major system elements involved in the process of cooling the air are a compressor, a fan, condenser coil, evaporator coil, as well as a refrigerant. The AC unit extracts heat from the air present in the house and transfers it outside, leaving the cooled indoor air to be re-circulated to keep the temperature at equilibrium.

However, AC unit is prone to sudden failure because of heavy load or temperature fluctuations. The apparent indicators for deciding whether to replace or repair the unit are:

1. Age of your furnace or Air Conditioner
2. Cost of operating it

As a matter of fact, an average furnace has an expected lifespan of about 15 years and can run even longer through regular maintenance and services. If your furnace old, then it may be the perfect time to consider its immediate replacement. In order to make an informed decision, have your furnace inspected at regular intervals from an expert HVAC technician and get an estimate for both HVAC repair as well as HVAC replacement. You should also ensure that the assessment includes potential increased energy savings, furnace inspection, duct inspection and expected short term and long term costs for repair, replacement and new installation.

HVAC technicians also offer the following essential services including;

1. Air Conditioner Repair & Service
2. Preventative Maintenance Programs
3. New A/C Units
4. Furnace Repair & Service
5. Heat pump repair service
6. Air Handler Maintenance & Service
7. Thermostats
8. Ductwork

9. Furnace Ductwork Installation

So, if you want high indoor air quality then you must call an expert technician that can solve your HVAC related problems for efficient living.

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About the Author:

Metro Energy Savers provides a [air conditioning and heating services](#) for the Dallas-Fort Worth area. Founded in 1987, our main goal is customer satisfaction, and our 24/7 emergency service reflects that. From installation, repair, maintenance, and inspection, our a [heating and cooling](#) company can assist you with all your HVAC needs today.

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