

The best way to ensure your heating and cooling unit is functioning efficiently and properly is to have it checked by a trained technician twice per year, in the fall and in the spring.

However, with todays busy schedule, it's easy to forget about the cooling & heating system... until it breaks down, which is usually on the hottest or coldest day of the year.

This is why having our Energy Savings Agreement is imperative. It will help ensure your system is clean and operating efficiently year round.

Call us at 386-775-4200 to discuss signing up for our E.S.A. Maintenance Agreement.



1885 S. Volusia Avenue - Orange City, Fl 32763 Phone:386-775-4200 License#CAC056799

# **Energy Savings Maintenance Agreements**

Starting at \$175.00 per year

Call 386.775.4200 Today!

We clean, test or check up to 28 different items in your Heating & Cooling system to ensure that it's peak performance and help you save on your electric bill.(Renewal tune up)

# Some highlights include:

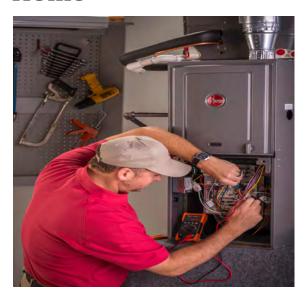
- \* Clean drain lines and drain pan
- \* Check the refrigerant pressures
- \* Tighten electrical connections
- \* Check volts and amps
- \* Clean out condenser
- \* Check air temperature differential
- \* Test condensate safety controls
- \* Answer any questions or concerns
- \* Clean indoor coil (only if accessible and remains in place.)

# Few of the Benefits:

- \* Two Super tune ups per year included
- \* If needed, 15% off limited repairs
- \* Priority Customer 7 days a week
- \* Extended equipment life
- \* Lower electric bills
- \* Cost applied to new system installation if needed Visit us@ www.aldonshvac.com

## A Well Maintained Air Conditioning System

## Makes A Healthy And More Energy Efficient Home





When an Air Conditioner coil becomes fouled with dirt and grime, it cannot provide adequate cooling. This requires more electricity and will increase the cost of operation. In fact, the energy consumption of dirty equipment can be as much as 37% more than clean equipment.

There are typically two coils in a residential system: evaporator and condenser coils.

## **Evaporator Coil:**

The evaporator, or indoor coil, provides cooling. When it becomes dirty, it is imperative to make



sure this coil is cleaned, otherwise it continues to blow dust and mold throughout the house. The best way to keep this clean is to change the filter on a regular basis.

### Condenser Coils:

The condenser or outdoor coils, are tubes and fins that carry the refrigerant to be cooled. However, these fins are made of very soft aluminum and must be kept straight and clean to work well.

Dirty, damaged or bent fins are significant problems that need to be addressed. To resolve these issues, the HVAC contractor should wash the coil with a condenser cleaner. A fin comb is

then used to straighten any bent fins. Only when the fins are clean and properly aligned can the system work effectively and efficiently. If left unchecked, your system will cost you more money to operate than it should.



## **Indoor Air Quality**

The evaporator, or inside coil, presents major concerns that go beyond the issues already discussed. It can be a breeding ground for bacteria and mold that can impact the air quality. To prevent this from occurring, the evaporator needs to be cleaned. This enables the system to provide optimum cooling, and cleaner air. In order to accomplish this, the following steps must be completed.

## **4 Step Solution**

#### Step 1: CLEAN

Clean indoor and outdoor coils with quality products that are specifically designed to remove dirt, grease and grime.



#### Step 2: KILL BACTERIA

Prevent bacteria growth on evaporator coils, drain pans, and duct work with EPA registered Evap-Fresh or Bio-Fresh Sanitizer. It will prevent future growth from occurring and eliminate odors caused by mold and bacteria.



#### Step 3: PROTECT

Apply a Teflon coating like Cal-Shield to both coils to repel dirt and keep the coils cleaner longer.



#### STEP 4: PREVENT

Place VIPER enzyme drain cleaner, in the evaporator drain pan. This prevents biological growth and slime. This protection will last up to 6 months.



## Let's compare your car to your heating and cooling system.

The average heating and cooling system in Florida runs for approximately 3000 hours per year, that's over 8 hours a day. Just think if you drove your car for that same 8 hours per day at an average speed of 55 miles per hour, you would have driven over 160,000 miles. Now think about how much you would have spent maintaining your vehicle. Tires, brakes, oil changes, routine maintenance, etc....

You maintain your vehicle in order to keep it running at peak performance and to avoid costly repairs and breakdowns.

The same type of maintenance is necessary on your heating and cooling system. Don't neglect it!

