

## Cape Fear Air Conditioning - Restore Your Family's Comfort With AC Coil Cleaning

Your air conditioner's coils are a major part of your AC system in your Raleigh, North Carolina, home. Dirty evaporator and condenser coils can negatively impact your AC's performance. A professional coil cleaning can restore your system's performance and allow it to cool your home more effectively and keep you comfortable.

### What Are AC Coils?

The [evaporator coil](#) is part of the indoor air conditioning unit. It absorbs heat and humidity from your home's air. Meanwhile, the condenser coil, which is located in the outdoor unit, expels that gathered heat. When the outdoor condenser unit cycles on, it compresses the coolant and converts it from a gas into a cold liquid. This liquid goes to the evaporator, where the air handler then distributes cooled air throughout your home.

### How Do My Coils Get Dirty?

The dust that naturally builds up in your home can get to your evaporator coil. This can easily happen if you don't change your air filter often enough or if you use a lower-quality filter.

Because your condenser coil sits outside, it's especially prone to issues from being exposed to weather, dirt, and outdoor pollutants.

When your coils are dirty, there's a barrier between the air that gets blown over your coils and the refrigerant that absorbs and releases heat. This makes the heat-transfer process less

effective, meaning your AC has to work harder to reach your set temperature. Your coils can even freeze over if the dirt builds up too much.

## What's the Solution?

If your AC isn't working as it should, you should call a technician to see if your coils need cleaning. Because your evaporator coil is usually located in hard-to-reach places, it's difficult for a homeowner to access and clean it properly, so you should leave this to a professional.

Evaporator and condenser coil cleaning is part of a regular [preventive maintenance plan](#) from Cape Fear Air Conditioning, Heating, & Electrical Company. Call us at 919-246-5801 to get your system cleaned professionally every time.