

Cool Cash is Back

STARTING SEPTEMBER 6, 2021
LIMITED TIME ONLY

License Numbers CAC057664 & CAC1817187

Rebates vary by make & model, call for details

Rebates up to

\$1,650



**Schedule your free estimate today!
Message or Call us Now!**

Before Calling For Service

- Checked the batteries in your thermostat? If your thermostat's batteries are low, it can cause your system to not function properly.
- Changed your filters lately?
- Checked your breakers and disconnect?
- Do you have an FP&L on call box?
- Is your de-humidistat turned to the "ON" POSITION?
- Was there a lightning strike and your outside unit is making a screeching noise? Turn it off for 5 minutes and then back on, sudden stop/start can make the compressor run backwards!

If you have checked all of the above and your system is still not functioning properly, call 941-315-6351 for 24/7 service! REMEMBER—if you see ice on the copper pipes or coils—turn off the system to start defrosting it before we get there, or we may not be able to work on it right away!

Four Seasons Air Conditioning, Inc.
October 2021 Customer Newsletter



Thermostat

HAPPY HALLOWEEN!

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White Slime: Is White Slime Clogging Your AC Drain Line, too?

Have you noticed a white, gummy, jelly-like substance in your air conditioner drain pan this summer? Don't be alarmed, you are not the only one. This summer in particular our technicians are addressing homeowner's concerns of a white slime appearing in their AC drain pans and clogging up their air conditioner drain lines more than ever.

It's Important To Note – This Is An Industry Wide Problem

It does not matter what brand of air conditioning system you have. Our technicians have come across the white slime problem in all newer air conditioning systems. The newer air conditioning systems are highly efficient at removing humidity from your home and have larger aluminum coils instead of the copper coils found in older systems. We have customers with Carrier, Lennox, Rheem, Bryant, Goodman, etc. systems and all systems have had a customer or two that developed a white slime issue in the drain pans and drain lines.

Four Seasons Air has noticed one common factor in customers that have white slime build up in their drain pans and drain lines – their thermostats are set at 76 degrees or below. *Why is this an important factor?*

When you keep your thermostat set at 76 or below your air conditioning system runs almost constantly. When your air conditioning systems runs constantly, your air handler coil and drain pan do not have a chance to dry out in between cycles. This causes your drain pan to constantly be wet creating a perfect environment for white slime to thrive in this cool, wet, dark environment.

Air handlers are constantly running, especially in the summer months. Air blows across the evaporator coil, moisture condenses and then drips into the drain pan. Ideally the moisture travels from the drip pan to the drain line and outside of your home. Remember where white slime prefers to live? Cool, wet, dark environments. Your drain pan and drain line are perfect places for white slime to incubate. Add some dust and dirt that accumulate on the coil, and you have a feast for the microorganism growth!

What This White Slime Is In Your AC Drain Pan

White slime has been found in not only the drain pan, but in drain lines and condensate pumps. White slime thrives in cool, wet, dark environments; hence your air handler is white slime's preferred place to take up residence! "The slime that technicians find in an HVAC system, for example, is typically a coating that protects the bacteria colony growing inside of it, according to Donald Prather, technical services manager, ACCA. He also explained that this bacterium likes condensate pans and trays not only because of the moisture, but also because of the dust particles that slip through the filter that are

Spooky Deviled Eggs

- 6 eggs (boiled and cooled)
- 1/2 cup boiling water + 1 tablespoon vinegar + 20 drops black food coloring
- 1/4 cup Mayo
- 1 teaspoon hot sauce
- salt, pepper to taste
- Neon green food coloring



In a bowl mix together the boiling water, vinegar, and black food coloring until combined
Using the back of a knife or fork crack the shell of the egg all over but still keeping it intact.
Add the eggs to the dye and let soak for 5-7 minutes. Turn them once if they're not fully submerged
Once they've soaked long enough peel them carefully under running water
Once all of the eggs have been peeled cut them in half longways, putting the yolk in a bowl, and putting the eggs on a plate

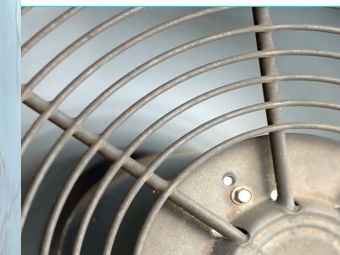
Mash the yolks with a fork until there are no large chunks
Add the mayo, hot sauce, salt, and pepper and stir to combine. If you want the yolk to be thinner add more mayo until your desired constancy
Add as much or as little of the green food coloring as you'd like to desired color
For easy piping add the yolk mixture to a ziplock bag, snip a corner of the bag, and pipe the mixture into the eggs
Serve with fake spiders on the plate for an extra spooky effect.
Happy Halloween!

*What's inside**

How Do Mini-Split Systems Work?



Is your AC SHORT CYCLING?



Cool Cash Is Back!
Save Up To **\$1,650**



Foil-Packed Grilled Sweet-and-Spicy Chicken Wings



HEALTHYHOMES





We love it when our customers are happy, and love it even more when they send us CHOCOLATE! Our Customer Service Team was treated to Harry & David Truffles recently, hand delivered from a very happy customer!

50% Off

Dryer Vent Cleaning

OFF REGULAR PRICE - Must be done at time of Maintenance AC Tune-Up for Promotional Pricing

\$10 Off

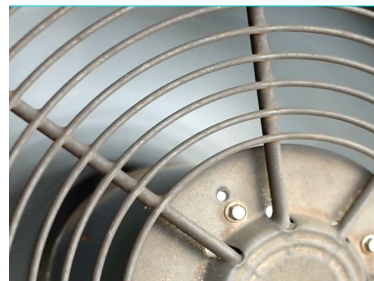
Duct Sanitizing

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Is your AC SHORT CYCLING?



Do you notice that your air conditioner turns on and off constantly? This is not an uncommon air conditioner problem, but it is one that if not taken care of could cause your AC unit to wear itself out long before its planned replacement time. Keep reading to learn about preventative tips you can use to stop your AC short cycling and help extend your air conditioner's life span.

WHAT IS SHORT CYCLING? Your air conditioner performs "cooling cycles" every time your thermostat goes above the temperature you have it set at. Your AC system uses refrigerant (410-A or R-22 in older models) to absorb latent heat found in indoor air and then transports that heat outdoors. The compressor plays a major role in the "cooling cycle" by compressing and circulating the refrigerant through the condenser and other parts of the AC system. This is the "cooling cycle" that occurs when you hear your AC compressor running.

On average most AC systems undergo three cooling cycles per hour that last about ten minutes each. There are many factors that attribute to how many times your AC systems "cycles" per hour, what your thermostat is set to

and outdoor temperature, among others.

Short cycling is exactly that, the "cooling cycle" is shortened. You may hear your compressor go on and off again in just a few minutes. Instead of the average three cycles per hour, you may hear your system repeatedly go on and off again many times within an hour. This excessive stopping and starting adds wear on the compressor while robbing your home of its cooling comfort.

WHAT CAUSES YOUR AC TO SHORT CYCLE? There are a variety of reasons for your air conditioner to short cycle.

Low Refrigerant is the most common cause. You may notice an ice build-up on the copper pipes coming from your compressor. This is a common signal that your AC is low on refrigerant.

Poorly placed thermostat. Thermostats ideally should be placed on an interior wall away from direct sunlight, the kitchen or an air vent that could blow directly on the thermostat.

AC system is too big for your home. Short cycling is also an indication that you may have installed an air conditioning system that is too large for your home. An air conditioning system that is too big for your home may get the temperature down quickly, but it will not run long enough to remove the humidity, resulting in your home feeling humid and your air conditioner short cycling.



Low-pressure control switch failure. The AC low pressure control turns off the compressor when the amount of refrigerant in the air conditioning system falls below a specific point. As with any other component on your air conditioning system, old age can take its toll on a low-pressure control switch. When a low-pressure control switch starts to fail, or has failed, it can produce short cycling symptoms and impact the entire AC system.

HOW TO STOP AND PREVENT SHORT CYCLING

The good news is, there are several things you can do to help prevent short cycling.

AC filters. Believe it or not clogged air filter can cause a wide variety of air conditioning problems for homeowners. Get in the habit of checking your air filter monthly. If it looks dirty or dusty, clean it if it is a washable AC filter or replace it with a new one if you have disposable air conditioning filters.

Check your thermostat placement. Make sure your thermostat is installed in a central location, on an inside wall that is not in direct sunlight, by the kitchen or has a vent blowing on it. Also, check the batteries if your thermostat has them and change them yearly.

If you believe the refrigerant is low or any other problem that you can not correct yourself, give us a call and set up a service appointment. Having a small issue looked at before it turns into a larger one can save you money in the long run.

White Slime: Is White Slime Clogging Your AC Drain, too? Continued

a good food supply." Source: White Slime Is No Match for an Educated HVAC Technician, The News, Angela D. Harris

We don't know why some homes are affected while others are not. It could be several factors.

What We Do Know That Can Affect AC White Slime Build Up

This summer has been extremely hot and humid in Southwest Florida which has caused our systems to run constantly. As noted, this is especially true if you keep your thermostat set at 76 degrees or lower.

Ideally, air conditioners will cool your home to 20 degrees below what the temperature is outside.

For example, if it is 98 degrees outside, your air conditioner will efficiently cool your home to 78 degrees. If you have your thermostat set to 76 or lower, your system will almost constantly run trying to satisfy your thermostat setting of 76. The constant running of your air conditioning system will keep your drain pan and coil wet as explained earlier, creating a perfect environment for white slime to thrive.

With the newer, more efficient systems that have been on the market the past several years they have larger coils and pull twice the amount of water than older systems.

With longer run times, the coils for the most part are always wet, and the drain pans always have water in them.

How Can White Slime Be Prevented?

If you regularly clean your drain pan and drain line you probably don't have a white slime issue. Four Seasons always recommends changing your filters regularly and in between regularly

scheduled maintenance make sure to care for your drain lines as described below.

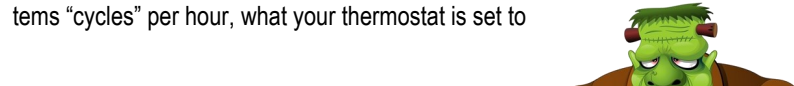
If Your AC Drain Line Is Clogged

You can try to vacuum the drain line out with a wet/dry vac and run a 50/50 solution of bleach and water through the drain line to clean it out. Make sure to run plenty of water through to rinse out all the bleach solution from the drain line or you may be able to smell a bleach odor in your home. If you have white slime growth in your drain pan, you will also need to clean out your drain pan to get rid of the white slime growth and kill the bacteria.

Helping To Prevent White Slime Build Up In Your Air Conditioner Drain Pan

Try keeping your thermostat setting no more than 20 degrees below the outside temperature, especially in summer. This will also help save money on your energy bill. If this seems warm to you use your ceiling fans in your home to help move the cooled air in the room you are in, make sure the fan is moving in a clockwise direction. Remember to turn fans off in rooms not being used to save even more money on your power bill!

Keep your air conditioning system well maintained, especially in summer. In between regularly scheduled maintenances, make sure to run the 50/50 bleach solution through your drain line and change your filters regularly. If you don't know how to run the 50/50 bleach solution through your drain line, the next time your technician is at your home, ask him to show you how.



SHOULD YOU **replace your ducts** WITH A NEW AC?

Why is my home air conditioner leaking water?

Have you visited **OUR BLOG?** Helpful info, DIY fixes and more!
www.4SeasonsAC.com

AC Making Weird Sounds? **HISSING? SQUEALING? GRINDING? BUZZING?**



How Do Mini-Split (Ductless) Systems Work?

Warm weather can take a toll on the efficiency of your heating and cooling system, and the comfort of your home. Whether you have a single room that's too hot or too cold, a home that needs a new cooling system or anything in between, we have a solution that will work for you.

HOW DUCTLESS SYSTEMS WORK

Unlike traditional systems that treat all the air for your home at a central location and then distribute it to each room, a mini-split, or ductless, system treats the air right in the room where it's needed. You get room-by-room temperature control and better energy efficiency.

More info on our website at www.4SeasonsAC.com

