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The Beeson Buzz

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TOP 3 REASONS WHY YOUR AIR CONDITIONER WILL BREAK THIS SUMMER

Sizzling Indiana summers are like grueling marathons for your air conditioner: They're always running. Of course, this increases your utility bills (that's a colossal understatement). But it also increases the chances that your A/C will break down.

Here are 3 reasons why it's more likely to happen to yours and what you can do about them.

1. It's not prepared for the race

Marathon runners understand the rigorous demands of marathon running. They train hard far before they get to the starting line. You should do the same to prepare your air conditioner before summer gets into full swing here in Indiana.

Solution: We suggest...

- Change your air filter (and keep doing so once a month)
- Clean the air conditioner's outside unit
- Check the drain line (unless you like floods in your home)
- Get professional air conditioner maintenance (which can handle the previous 3 tasks)

Once you prep your air conditioner, it's much more likely to get through the summer without any issues!

2. It overheats

When marathon runners overheat, there's a huge strain on their heart, putting them in danger. So they need to know the signs of overheating to avoid harming themselves.

Air conditioners can also overheat. When they do, they usually trip the circuit breaker. But many homeowners will just flip the circuit switch back on without another thought.

Big mistake. The circuit breaker's job is to protect your home and appliances by shutting off the flow of electricity when the current flow gets too high. If it keeps tripping, something needs to be fixed. Otherwise you could cause your air conditioner to break down from constantly overheating.

Solution: Read our article on the what causes your air conditioner to trip the circuit breaker to prevent it from overheating.

3. It's close to retirement

Age takes its toll for even the fittest marathon runners. So at some point they have to retire. The same goes for your air conditioner. Maybe in its prime your air conditioner could make it through the summer without a hitch. But when it gets to 10-15 years old, the chances of it breaking down are much higher.

And what if it breaks down and it's too expensive to repair? Now you need a new air conditioner and you're in a rush to:

1. Find the right air conditioner
2. Find a licensed contractor to install it
3. Get financing to pay for the new central air conditioner
4. Have the air conditioner installed

You don't want to figure all that out while you don't have central cooling in the middle of a super hot Indiana summer, right?

Solution: Prepare for the worst. Be pro-active!

First, learn the 3 signs you need to replace your air conditioner soon. If it needs replacing soon, call us ahead of time and schedule a free estimate so you'll be prepared for the price and have us on call, ready to install. You may even want to install the new unit before it breaks. If that's the case, we can do it whenever you decide works best.

If you just aren't that pro-active, and you're looking for someone to provide prompt 24/7 emergency service for an a/c repair or new unit, Beeson has you covered. Put our number (317-535- 9338) on speed dial in case your air conditioner breaks down at the worst possible time this summer. We'll be happy to help!

Beeson Mechanical Service has been keeping Indiana homes safe, comfortable and energy efficient since 2000. Contact us online for more information about any of our services.

(Credit to: georgebrazilhvac.com)

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Stop by and see us at the Johnson County Fair, July 16-22!

Our commitment at Beeson Mechanical Service is to provide you the best service at competitive rates. Our slogan is "We Charge The Price We'd Charge Our Moms". We try our best and if there are ever problems, we take care of them to the best of our abilities! Please keep this in mind when you have service you need completed or if you're able to refer us to friends or family!



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REASONS YOUR A/C TRIPS THE CIRCUIT BREAKER

If the air conditioner is the source of the tripping, it may be overheating. When an air conditioner overheats, it draws more amps (a measurement of electrical current) from the circuit. That may be pushing the circuit past the number of amps it was meant to handle. Therefore the breaker usually trips after the air conditioner has been running for awhile.

Now we need to know what's causing your air conditioner to overheat.

Common causes include:

- 1. Dirty air filter:** Dirt on the filter impedes air flow. This causes the AC to run longer to circulate enough cool air to achieve the temperature you want. This then causes the air conditioner to overheat. Change the filter and see if that helps.
- 2. Dirty condenser coils:** The condenser coils are in your air conditioner's outside unit. Refrigerant runs through these coils. A fan blows over the coils to dissipate the heat that the refrigerant absorbed in your home. This is done so the refrigerant can flow back into the inside air conditioning unit and absorb more heat from your home's air. But if the condenser coils are covered in dust, dirt and leaves, then the coils can't properly dissipate the heat. So the air conditioner has to work harder and longer to cool your home and overheats as a result. You could wash the coils off, or you could have a contractor do it professionally as part of a pre-season air conditioner maintenance visit / A/C tune-up. Spring/summer is the perfect time for this!
- 3. Not enough refrigerant:** Without enough refrigerant, the air conditioner has to work longer to cool your home. The air conditioner overheats in the process. You'll know if you don't have enough refrigerant if the air your air conditioner puts out isn't very cold. A contractor will have to add more refrigerant and seal the refrigerant leak.
- 4. Condenser coil fan malfunction:** This is the fan in the outside unit. If it stops working, it can't cool down the condenser coils properly. Have a contractor repair the fan.

These certainly aren't all the reasons of what can cause the circuit to trip the breaker. But they are some common ones that you can see.

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(Credit to: georgebrazilhvac.com)