

Nuisance Tripping

Nuisance Tripping – AFCI breaker trips and the reason is unknown.

Possible causes of tripping breakers:

- **Incompatibility with electric devices – examples include but are not limited to vacuum cleaners, printers, power tools, treadmills, and lights. The breaker senses an arc but there really is not one.**
- **Faulty Appliances or Devices – Cords can be damaged. This mainly occurs when they get pinched by furniture or pushed against something. Damage to the internal wires of the cord can occur.**
- **Electrical overload – Too much usage on one circuit. Try to reduce the amount of usage on the one circuit or outlet.**

Troubleshooting:

- **Unplug everything on the circuit. Plug in and turn on one device at a time to determine which device is causing the tripping.**
- **Check cords on all devices and appliances.**
- **Reset the circuit breaker. Put less strain on the circuit you may need to plug your vacuum or power tool into a different outlet on a different circuit.**
- **Check the wiring going to the breakers.**
- **Ensure all light bulbs are less than or equal to the maximum wattage rating of the fixture. Higher rated bulbs can cause tripping and damage wiring.**
- **Check light bulbs to make sure they are securely screwed into the socket, you may consider replacing the light bulb as well.**
- **Try using a high-quality surge protector on your outlet – it should be an EMI/RFI filter.**