AFCI Power Cord Safety Advantage

Each DH75 & DH100 Wi-Fi & Touch Screen Control Dehumidifier Comes With an AFCI Power Cord

1. Each year in the United States, over 40,000 home fires are attributed to faulty electrical wiring.

2. The AFCI (arc-fault circuit interrupter) cord, also known as an arc-fault detection device, is a circuit breaker that breaks the circuit when it detects an electric arc in the circuit it protects, to prevent electrical fires.

3. To receive an ETL rating for its state-of-the-art new design of dehumidifiers, General Filters was required to include an AFCI cord to meet UL 474 Standard for safety-dehumidifiers, which states:

   8.4 A cord-connected single phase dehumidifier shall be provided with a factory installed AFCI protection to reduce the risk of fire due to arcing faults in the power supply cord. The AFCI shall be installed as an integral part of the attachment plug or located in the supply cord within 12 inches (300mm) of the attachment plug.

4. All future manufacturer’s designs and redesigns of whole-house dehumidifiers and equipment of this nature will require an AFCI plug to meet the UL 474 Standard for safety-dehumidifiers.

5. Since its introduction in 2018 as the only dehumidifier with the safety feature AFCI cord, General Filters dehumidifiers have identified numerous arc faults in residential electrical systems.

6. The DH75 & DH100 Wi-Fi controlled dehumidifiers are not only state-of-the-art in design and function, but in safety was well.

AFCI Power Cord FAQ’s

1. What is the purpose of an AFCI Power cord?
   It reduces the risk of electrical arching by breaking the circuit to the dehumidifier when arcing activity is identified.

2. What is electrical arcing?
   Electrical arcing occurs when electricity erratically flows or discharges along an unintended path, commonly caused by frayed or exposed wires. These problems are often not immediately visible to the home owner and can silently cause damage before being discovered.

3. Why is arcing a problem?
   Electrical arching can potentially cause fires, loss of property, and serious injuries.

4. What will cause the AFCI cord to trip?
   If the AFCI power cord is repeatedly tripping, the following might be the cause:
   • There might be an arc problem with an electrical circuit.
   • The circuit breaker might have been incorrectly installed.
   • The circuit breaker might be defective.

5. What should I do if the cord repeatedly trips and turns the unit off?
   If your AFCI cord is tripping, it means you may have an arc fault problem within the electrical circuit, you may have installed the circuit breaker incorrectly, or the breaker itself may be faulty. With the unit off, test the tripped AFCI cord as follows:
   • Reset the breaker by pressing the cord’s red button (a green light should appear to the right of the red button).
   • Next press the “test” button (smaller red button to the left of the large red button) and the AFCI should shut off.
   • After you press the test button, press the reset button to return to normal operation.
   • If the problem persists contact the General Filters Technical Support Team at (866) 476-5101.