

Blown fuse in circuit breaker in Auckland





Overview

What is a blown fuse?

Most people nowadays have had the old-fashioned fuse panels (also known as fuse boxes) in their homes replaced by modern electrical panels with circuit breakers. Yet people commonly use the expression “blown fuse” to describe just about any unexpected electricity-related occurrence, especially one involving a loss of power.

What are the most common electrical issues in Auckland and New Zealand?

Below are 5 of the most frequent electrical issues faced by homeowners in Auckland and New Zealand, along with helpful tips on how to fix them. A tripped circuit breaker is one of the most common electrical issues you might face.

What happens if a circuit breaker blows?

In the event of an electrical fault the fuse will blow or the circuit breaker will trip. The power to the corresponding area of the house will be shut off, to prevent overloading or fire. The main difference between a circuit breaker and a fuse is that a circuit breaker can be reset; whereas once a fuse blows it must be replaced.

Why do I need a circuit breaker?

Circuit breakers and fuses are designed to protect your electrical system by preventing too much current from flowing through it. While many homeowners are familiar with the frustration of dealing with a tripped circuit breaker or a blown fuse, few consider why these electrical issues occur in the first place.



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Electrical wiring in your home

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Electrical wiring in your home

Fuses and Circuit Breakers
How to Replace A Fuse
How to Check Your Circuit Breaker
If your power goes off because your circuit breaker has tripped, look for the lever in the 'off' position (A) or where the button has popped out (B). Switch off lights and unplug all appliances on the faulty circuit. Push the operating lever to the 'on' position (A), or push in the button on the circuit breaker (B). If the circuit breaker continues to trip, call a licensed electrician. See more on [worksafe.govt.nz/fixando](https://www.worksafe.govt.nz/fixando).
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