User Guide

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Applicability
Electric Stove with power Rating 10 – 40 Amp

General Safety & Warnings
The FireAvert Auto Shutoff prevents kitchen fires by automatically shutting off power or gas when a smoke alarm sounds. The Auto Shutoff is designed to reduce the risk of cooking fires, but it does not replace personal responsibility and safe cooking practices. Always read and follow all instructions before installing. Failure to do so may result in damage or injury.

NEVER install a damaged device, force connections, modify the device, or open it. Auto Shutoff devices should be used in temperatures between 0°C-37.8°C with humidity less than 80%. Avoid dusty environments.

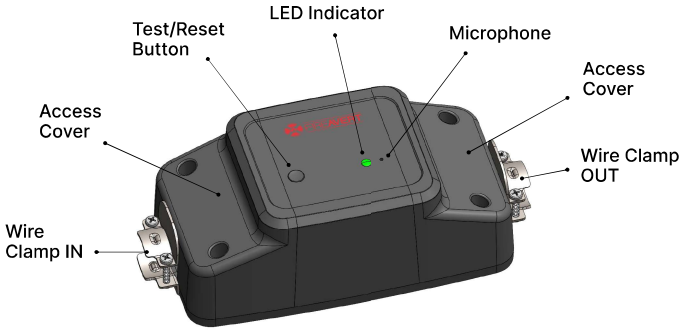
WARNING: High Voltage. Follow basic precautions when working with electrical devices.

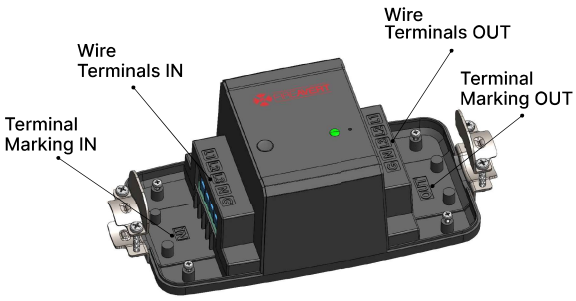
WARNING: Loud music or background noise may compromise smoke alarm detection.

Protection Mode
When a smoke alarm sounds, the Auto Shutoff waits 20-45 seconds before entering Protection Mode. When activated, the Auto Shutoff disconnects power and the LED turns solid red.

Approved Smoke Alarms
Auto Shutoff will function correctly with any Australian or New Zealand Smoke Alarm approved to AS/NZS 3786. Any other Smoke Alarm should be tested for compatibility. In the event that a new Smoke Alarm or stove is installed in the home, the Auto Shutoff must be tested for compatibility and correct operation.

Orientation





Product is shown with access covers removed

How to Reset Your Stove

If the Auto Shutoff cuts power to your stove, you must reset the device before cooking. To reset:

1. Make sure all stove knobs are in the OFF position.
2. Switch OFF the circuit breaker to the stove at the switchboard or isolation switch for 10 seconds then switch back ON.

The reset is successful when power has been restored to the stove and the circuit breaker is turned ON.

Installation Steps

⚠ Important: Installation must be performed by a licensed electrician in accordance with all local electrical and fire safety codes.

Step 1 - Disconnect Power
Turn off the main circuit breaker at the switchboard or isolation switch supplying power to the stove. Confirm that the circuit is de-energized using an appropriate testing device.

Step 2 - Disconnect Stove Wiring
Remove the stove connection from the existing wall terminals or junction box. Ensure that the conductor ends are clean and undamaged.

Step 3 - Prepare for Auto Shutoff Connection
Splice the existing stove supply wire at the desired location for the Electric Stove Auto-Shutoff. If additional wire length is needed, use an approved cable of equal or greater current rating for the opposing side connection.

Step 4 - Remove Access Covers
Using a Phillips screwdriver, remove the access covers from the Electric Stove Auto-Shutoff enclosure to expose the internal terminals.

Step 5 - Strip Cables Outer Sheath
Strip approximately 60 mm of the outer sheath from each cable end to expose the inner conductors.

Step 6 - Prepare Individual Conductors
Strip 18 mm of insulation from each conductor and twist the wire strands tightly together. The use of wire ferrules is highly encouraged.

Step 7 - Connect Wires to Terminals
1. Position the Electric Stove Auto-Shutoff so that the side labeled “IN” connects to the incoming supply from the isolation switch or circuit breaker.
   The opposite side, labeled “OUT,” connects to the stove load (e.g. stove).
2. Insert each crimped conductor into the corresponding terminal as marked on the Auto Shutoff enclosure.

Terminal Marking	Description
L1	Live 1 (Phase A)
L2	Live 2 (Phase B)
L3	Live 3 (Phase C) or Neutral 2
N	Neutral (Primary)
G	Earth/Ground

3. After confirming all conductors are fully inserted, gently tug each wire to verify it is securely clamped.

Step 8 - Replace Access Covers
Reinstall the access covers securely to protect wiring and ensure compliance with electrical safety standards.

Step 9 - Tighten Cable Clamps
Tighten the exterior wire clamp evenly on both sides, alternating between screws until each side is torqued to .6 Nm. Do not overtighten.

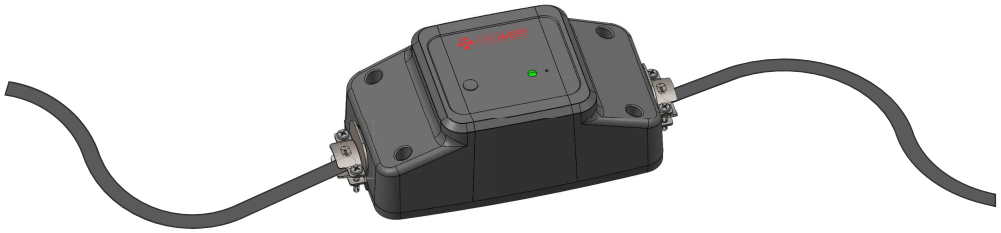
Step 10 - Optional Wall Mounting
1. Secure the mounting bracket to the Auto Shutoff using the M3 Phillips screw.
2. Position the Electric Stove Auto-Shutoff in the desired location and mark the mounting surface through the screw holes on the bracket.
3. Use the supplied wall anchor and #6 × 1in (2.5cm) pan screw to attach the bracket to the wall.

Test
Test the Auto Shutoff by turning the end stove to full power and simultaneously press and hold the smoke alarm test button for about 1 minute. The smoke alarm should sound and the Auto Shutoff should cut power within 10-40 seconds.

Note: if pressing and holding the smoke alarm test button does not cause the smoke alarm to continuously sound for more than 30 seconds, consider purchasing a can of smoke to simulate a smoke event.

Installation is now complete!

Install Diagram



TO WALL TERMINALS AUTO SHUTOFF TO STOVE

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