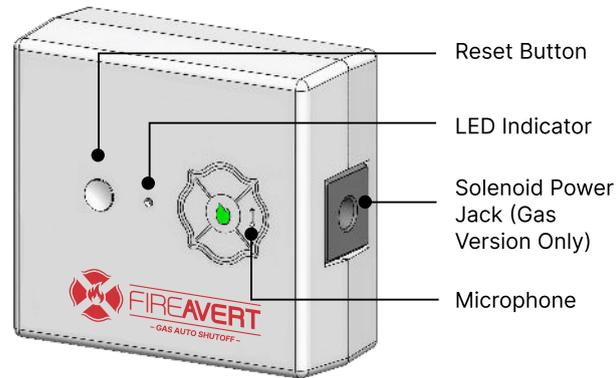


User Guide

Models:
FA-R1-D1-G6Z-5-15 &
FA-R1-E1-E6Z-5-15
Nema 5-15 Input/Output: 120VAC 12.5A 60Hz
Barrel Jack Output: 12VDC, 600 mA



General Safety and Warnings

FireAvert's Auto Shutoff prevents kitchen fires by automatically shutting off power or gas when a smoke alarm sounds. FireAvert 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, bodily injury, or death.

NEVER install a damaged device, force connections, modify the device, or open it. Attempting to open or disassemble the FireAvert device voids the warranty and may render it inoperable. FireAvert devices should be used in temperatures between 4.4°C-37.8°C with humidity less than 80%. Dust build-up, excessive heat, or humidity may cause malfunction. [NFPA 72 29.8.3.4(2)]

DANGER! HIGH VOLTAGE Follow basic precautions when working with electrical devices to prevent fire, injury, or death.

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



Scan the QR code for product specifications



G6Z-5-15

Gas Auto-Shutoff

Includes: Red FireAvert Device, Solenoid, Power Supply, Gas hose, and pipe adapters. {120VAC 12.5A 60Hz}



E6Z-5-15

Appliance Auto-Shutoff

Includes: Black FireAvert Device. Used with microwaves, toasters, space heaters, etc. {120VAC 12.5A 60Hz}

Maintenance

The FireAvert should be checked for proper function monthly. Follow the same instructions to check the FireAvert as used in the initial verification test. Please see **Step 9** in the installation guide.

If the FireAvert device enters protection mode (in event of a smoke alarm sounding) and disconnects power to the appliance, follow the instructions for rebooting the device found in this manual. DO NOT attempt to reboot it any other way.

Additional Warnings & Safety Instructions

DO NOT attempt to install or remove the FireAvert unit while the outlet is powered ON. You must switch OFF the circuit breaker that powers the outlet before installing or removing the unit.

DO NOT pinch or squeeze the FireAvert unit or gas flex lines between the appliance and wall outlet after installation is complete.

DO NOT use the FireAvert without successfully testing it with the smoke alarm.

Approved Smoke Alarms

FireAvert devices work with most residential smoke detectors (around 3.2kHz frequency).

Low Frequency Alarms: Not fully evaluated for compatibility with 520Hz alarms; consider replacing if issues arise.

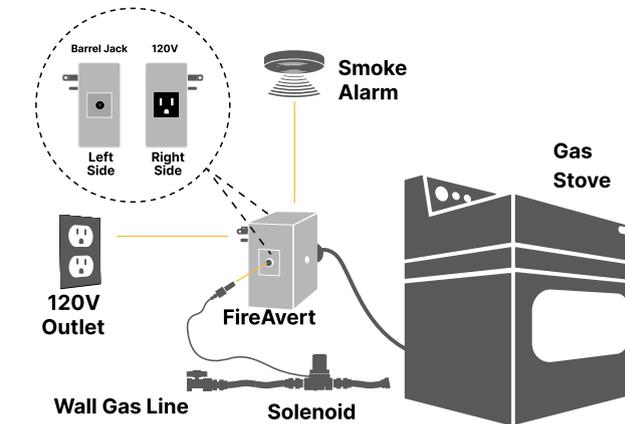
The fire-warning equipment listed herein, known generally by industry designation as a "smoke alarm accessory", has been evaluated and found to be compliant for performance and operation when installed in accordance with the installation requirements for smoke alarms at a radial distance of 20ft (6.1m) along a horizontal flow path from a stationary or fixed cooking appliance. [NFPA 72 §29]

IMPORTANT RULE FOR MASSACHUSETTS INSTALLERS:

As of printing, the Massachusetts Fuel Gas Code utilizes the 2012 edition of NFPA 54 (with amendments), subsection 9.6.1.3 (B) of that code states: "Only one connector shall be used per appliance." To the extent this is in conflict with these instructions, this code provision shall govern (unless later amended by Massachusetts).

New Smoke Alarms- If a new smoke alarm or range/appliance is installed in the home or building where the FireAvert is located, the FireAvert will need to be tested with the new smoke alarm. Refer to **Step 9** in the installation instructions.

Installation Steps



Step 1

1. Switch OFF the circuit breaker to the stove/range and verify power is off.
2. Unplug the stove cord and plug it into the receptacle on the FireAvert device. Insert the FireAvert device firmly into the wall outlet.

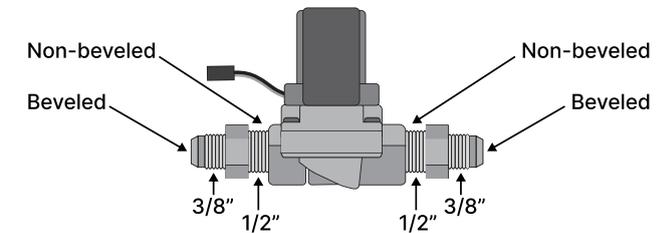
Note: If installing FireAvert for **Appliances** with part number ending in E6Z-5-15 (Microwaves, toaster ovens, heaters, etc.), turn on the breaker and skip to **Step 9**.

Step 2

1. Turn the main gas line valve to the OFF position.
2. Disconnect the stove/range gas line from the main gas line.

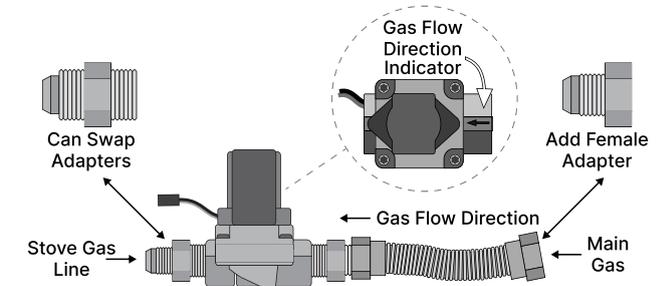
Step 3

1. Insert both 1/2" non-beveled ends of the reducers into the solenoid, applying pipe thread sealant to the male threads. **DO NOT APPLY SEALANT TO BEVELED ENDS, IT WILL NOT OBTAIN A LEAK FREE SEAL.**
2. Attach the 6" gas hose to the 3/8" (or 1/2") beveled side of the reducer fitting where the arrow is located on the solenoid.



Step 4

1. Attach the other end of the 6" gas hose to the main gas line. Switch adapters if necessary.
2. Connect the gas line from the stove/range to the opposite reducer fitting on the solenoid.



Additional adapter pipe fittings are included in case of alternate plumbing configurations.

Step 5

1. Connect the power adapter to the solenoid and insert it into the FireAvert device.

Step 6

1. Switch ON the circuit breaker. The FireAvert will enter Safety Mode (solid BLUE light).
2. Press the RESET button on the FireAvert to allow gas and power to flow.
3. Turn the main gas line valve back to the ON position.

Step 7

1. Use non-corrosive gas leak test solution to check for leaks. If detected, turn off gas and tighten connections.

2. Wait at least 10 minutes before lighting pilots or turning on the stove. **If you smell gas, turn off the gas at main shut-off valve and call a licensed plumber to check for leaks and fix any other problems**

Step 8

Push the stove back against the wall, ensuring no pinching of lines and that the anti-tip bracket is secure.

Step 9 (Test):

Test the FireAvert by turning the stove or appliance to full flame/power and pressing the smoke alarm test button for approximately 1 minute. The FireAvert should cut power within 10-40 seconds.

Installation is now complete!

NOTE: The reset button on the FireAvert needs to be pressed every time FireAvert is rebooted. Anytime the breaker is reset, or there is a power outage, the reset button needs to be pressed before gas will be restored to the appliance.

DO NOT USE THE APPLIANCE until ALL connections have been leak tested properly.

DO NOT use lighters, matches, candles, open flames or other sources of ignition to leak test connections!

NOTE: If the appliance has a pilot light(s), it must be re-ignited after a shutoff event. Please refer to the stove manufacturer user guide for instructions on re-igniting pilot lights.

Pairing with Z-Wave® Systems

The FireAvert device can be operated in any Z-Wave® network with other Z-Wave® certified devices from other manufacturers. All mains operated nodes within the network will act as repeaters regardless of vendor to increase reliability of the network. This multichannel device is composed of a notification end point, and a binary switch end point.

Application Status Command Class

This device will reject commands to reinstate power to the end appliance when the safety interlock is engaged.

Basic Command Class

This product supports the Basic Command Class using the binary switch ON/OFF feature set. This command enables power ON/OFF to the stove. This supports Security Level 2.

Notification Command Classes (v3) - are supported using the notification report. The three notification types are 1.) Stove Power (does not apply to the Gas Auto-Shutoff) 2.) Smoke Alarm Listener, and 3.) Safety Interlock. This class supports Security Level 2.

Association Command Class (v3) - groups include 1.) Lifeline
All groups support up to 5 devices per group. This class supports Security Level 2.

Lifeline: All notifications and unsolicited reports from the device are sent via the Lifeline association group.

Appliance Power: Allows visibility to the appliance state (does not apply to the Gas Auto-Shutoff SKU with part number ending in G6Z-5-15)

Identify Function- This product can be identified using the Indicator Command Class with the Indicator ID 0x50 (identify). When the identify Indicator Command Class is sent to the FireAvert device, the LED will flash.

SmartStart Inclusion/Exclusion- Enables this product to be added into a Z-Wave® network by scanning the Z-Wave® QR Code present on the product faceplate with a smart phone, or controller providing SmartStart inclusion. The product will be added automatically within 10 minutes of being switched on in the network vicinity.

Classic Inclusion

1. Ensure that the device is plugged in and powered ON, indicated by a Green LED (for use with electric appliance), or a Blue LED (for use with gas stoves).
2. Press and hold the button for 5-10 seconds, then release it. The LED will begin blinking with a Green LED, indicating inclusion.

Classic Exclusion

Press and hold the test button for 5-10 seconds, then release it. The LED will flash when exclusion begins.
* NOTE: The device will remain on the network for up to 30 seconds after it has been excluded.

Security

This product supports Z-Wave® Command Class Security, Level 2.

RESET THE RADIO MODULE

Press and hold the test button for 10-12 seconds. The device will reset all Z-Wave® settings and leave the network. Please use this procedure only when the network primary controller is missing or otherwise inoperable.

Factory Reset

Press and hold the test button for at least 10 seconds to factory reset the device.

Operating Instructions

Protection Mode

FireAvert devices used with electric appliances activate when the smoke alarm sounds while the appliance is on and drawing at least 1.5 amps of current. FireAvert devices for gas stoves shuts off power and gas regardless of a current draw. The devices constantly monitor for the sound of a smoke alarm. A 20 second delay is built in from the time the smoke alarm sounds until it enters Protection Mode and disconnects power and/or gas to the stove or appliance. When power and/or gas is shut off to the appliance, the LED indicator on the FireAvert device will change to solid RED.

Rebooting FireAvert Device

In the event that the FireAvert device cuts power to your stove/ appliance, you must reboot the FireAvert device before it can further be used. FireAvert for electric appliances will auto-reboot after 5-10 minutes if it detects the stove is OFF. However, FireAvert for Gas Stoves requires a manual reboot. To manually reboot your FireAvert device **1.** Make sure all stove knobs are in the OFF position **2.** Switch OFF the circuit breaker to the appliance for 10 seconds **3.** Switch the breaker back ON **4.** {for gas stoves only} Press the RESET button on the front of the FireAvert device, or scan the QR code on the front of the stove and follow the prompts. The reboot is successful when power and(or) gas has been restored to the range (or appliance).

WARNING! Risk of fire or explosion if the FireAvert device is rebooted AND the oven and burner knobs have not been turned off. ALWAYS TURN OFF OVEN and BURNER knobs prior to rebooting/resetting the FireAvert device.



Scan QR code for help with installation and troubleshooting

