Smoke Alarm Tips

Smoke alarms require regular testing & cleaning to provide effective protection.

Routine maintenance

Weekly: testing

Test by pushing the 'test' button on the cover of the smoke alarm unit. This will sound the alarm if the electrical circuit, alarm & battery are working correctly. If no alarm sounds, the unit has a defective battery or another fault that needs immediate attention.

Monthly: cleaning

Use a vacuum cleaner with a soft brush to vacuum all sides & the cover of the alarm.

Yearly: smoke alarm inspection & service

To ensure peace of mind, we recommend a yearly safety & maintenance service of all smoke alarms at a property.
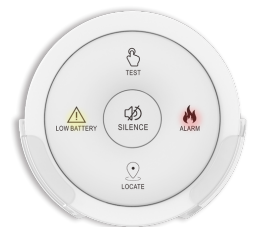
Silence or hush your smoke alarm

If you have safely determined that there is not a fire at the property, please take the following steps to silence or hush your smoke alarm:

1. Press & release the silence button.

2. Your alarm will silence & enter a reduced sensitivity reset cycle for approximately 8 minutes.

3. During the reduced sensitivity reset cycle, the red LED light will flash every 8 seconds.

4. Your alarm will automatically return to full sensitivity on completion of the reset cycle & the red LED light will revert to flashing once 40 seconds (normal operation).

Smoke Alarm Controller

We recommend the installation of an Emerald Smoke Alarm Controller, which allows you to test, silence & locate triggered smoke alarms without the need to reach up to the alarms on the ceiling. Conveniently pressing the 'locate' function button to easily locates & identify a faulty or problem alarm.

Extremely humid conditions

Additional design measures have been taken to ensure smoke alarm reliability in humid conditions. However, in extremely humidity, smoke alarms can confuse dense humid air particles for smoke particles, & this may cause false alarms.

Troubleshooting Tips

If your alarm is activating for no reason, here are some factors to consider.

The battery

The smoke alarm will chirp at regular intervals (around every 40 seconds) when the battery is weak & needs replacing.

→ The alarm battery could be weak or defective. For the 240V RF Hard-wired Smoke Alarm, please replace the alkaline battery. For sealed, non-replaceable battery models (RF 10YR Battery Powered), the smoke alarm unit may need replacing.

Insects & dust or dirt

These types of debris may trigger a false alarm.

→ Use a vacuum cleaner with a soft brush to vacuum the sides & cover of the alarm on a monthly basis.

Steam, Cooking Fumes & Air Movement

Smoke alarms too close to kitchen, bathroom or laundry areas can trigger false alarms due to cooking fumes & steam. Additionally, drafts from windows, air conditioning units or fans can interfere with the performance of smoke alarm sensors.

→ Where possible, have a professional install smoke alarms to ensure appropriate alarm placement away from areas such as kitchens, bathrooms, laundries & open windows, fans or air ducts.

Power interruptions

Smoke alarms may briefly alarm when power is interrupted. Power interruptions can occur when electricity companies switch grids in the early hours of the morning, there is an electricity spike or electricity is interfered via a shared circuit.

→ The installation of an EMI or ripple single filter may help to reduce electrical interference.

→ Check your electrical circuit is not overloaded with too many high wattage appliances.

240V RF Hard-wired
MODEL NO. EP-VC-240-1&10

RF 10YR Battery Powered
MODEL NO. EP-RANG-RF-10

Smoke Alarm Controller
MODEL NO. EP-SA-CONT-RF

For further information or assistance, please contact Emerald Alarms on sales@emeraldplanet.com.au or 1300 511 148 or visit emeraldalarms.com.au.