



Smoke alarms are a must-have safety component in every home. They are the first line of defence against the potentially disastrous effects of fire, delivering critical early alerts that can save lives and property. Despite their critical importance, smoke alarms are frequently disregarded or ignored in home safety considerations. However, they are very important and all households need to ensure that they are fixed properly by professionals and adhere to the appropriate standards. Here at Voltfix, we take smoke alarm maintenance and safety seriously.

The need to know!

When it comes time to upgrade your property's alarms, those alarms must:

- Adhere to Australian Standard 3786-2014 and be photoelectric
- Not include an ionisation sensor; be less than 10 years old; operate when tested; and be interconnected with every other required smoke alarm in the house so that they all trigger at the same time.
- Any current smoke alarm that is replaced after January 1, 2017 must be a photoelectric-type alarm that meets Australian Standard 3786-2014.

What is a photoelectric smoke alarm?

A photoelectric smoke alarm, also known as an optical smoke alarm, uses a light source, a light beam collimating mechanism, and a photoelectric sensor to detect smoke. When smoke enters the alarm, it disrupts the light beam's path. When the beam is scattered and diverted, it strikes the sensor, causing the alert to sound.

Photoelectric smoke detectors are more effective than ionisation smoke detectors for detecting slow-burning fires. Smouldering fires frequently produce a considerable amount of smoke and can fill a dwelling with dangerous gases before bursting into flames. These flames are most dangerous at night, when most people are sleeping and take longer to detect

We Choose Red

A genuine alternative to some large brands, Red is the only brand of smoke alarms in Australia that come with a 10-year warranty across the entire range. Red smoke alarms are of the highest quality and are certified to the necessary Australian standards. Red smoke alarms are perfect to meet the new Queensland smoke alarm laws as all Red Smoke Alarms are photoelectric.



Types of Alarms

When it comes to Red, there are three types of alarms that you can choose from for us to install. These are:

240V Lithium backup (Extra price per subsequent)

240V 9V backup

240V Battery only
10 year lithium



All are priced at the fixed price of \$220 for the first alarm installed and \$150 per subsequent alarm. However, the 240V Lithium backup range will instead be \$180 per subsequent alarm.

The importance of installing and maintaining a reliable, high-quality smoke alarm system in your home cannot be overstated. It is critical to understand the varying photoelectric alarms and their superiority in detecting slow-burning fires. Photoelectric smoke alarms are required by Australian Standard 3786-2014. They should be networked, replaced every ten years, and in good functioning order at all times.

Here at Voltfix, we trust Red Smoke Alarms as they offer a trustworthy and dependable line of smoke alarms that are guaranteed by a 10-year warranty and meet Australian regulations. When upgrading your home's smoke alarms, make sure you have a chat with us here at Voltfix to choose a solution that provides optimum protection and peace of mind for you and your loved ones.