

PBE ELECTRICAL & MAINTENANCE

ELECTRICAL CONTRACTOR

03 9553 0888

SMOKE DETECTORS

Smoke alarms are designed to protect you while you are sleeping. Smoke alarms are to be installed in positions that will wake all occupants in the home and give them time to evacuate.

Fire Services recommend photo-electric smoke alarms be installed adjacent all sleeping areas and in the path of exit from a domestic dwelling.

- A short, low beep every 60 seconds indicates the battery power is low and the battery needs replacing. Change your smoke alarm batteries at the end of daylight saving and use a long-lasting alkaline battery.
- Smoke alarms should be tested monthly by pressing the test button located on the smoke detector body.
- Smoke alarms should be cleaned regularly and tested using a smoke mimicking spray every 12 months in line with battery change over.
- Mains powered smoke alarms also have back-up batteries like 9v units, these batteries should also be changed at the end of daylight savings and the supply tested by a registered electrical contractor every 12 months.

Fire Services recommend that you replace your smoke alarm (both battery powered and 240v hard-wired types) after ten years as it may start to fail after this period, a year of manufacture date can be found on all smoke alarms.

Please contact PBE Electrical & Maintenance on 03 9553 0888 if you require a smoke detector to be changed over, smoke detector tested or battery change.



\$30.00plus GST

To check and test

- 1 x existing smoke detector, clean unit and replace existing 9v battery

\$150.00plus GST

To remove and replace

- 1 x existing 240v smoke detector to existing location

SAFETY SWITCH (RESIDUAL CURRENT DEVICE)

Safety switches (RCDs) are your insurance against electric shock. They are designed to prevent injury or death, caused by earth faults in appliances or wiring. RCDs monitor the flow of electricity through a circuit. They automatically shut off the electricity supply when current is detected leaking from faulty switches, wiring or electrical appliances. This stops the chance of current flowing to earth, through a person and electrocuting them.

Installing a safety switch is an inexpensive safety measure that protects everyone

The law says all homes built since 1992 must have safety switches installed on power circuits. They are not an optional extra. With advances in technology single pole RCDs have been developed which allows individual RCD protection to circuits. This reduces the chances of nuisance tripping and makes tracing and locating faults more easy.

To make sure you are getting maximum protection from your safety switch, a push button test should be performed every month and a comprehensive trip time test should be performed every 12 months.

A great way to remember this is to do it whenever you receive an electricity bill perform a push button test. Every time you change your clock and smoke detector battery have PBE Electrical & Maintenance test your RCD's. If it doesn't turn the power off, have it replaced by PBE Electrical & Maintenance as soon as possible.



\$30.00plus GST

To check and test

- 1 x existing RCD for trip time and correct operation

\$150.00plus GST

To remove and replace

- 1 x existing RCD 2pole 40A RCD to existing location

HEATING & COOLING SYSTEMS

It is not recommended to leave your cooling system on whilst you are not at home. There have been a few fires recently caused by air conditioners, so it would be safer not to leave them on. This is another reason why air conditioners should be maintained and serviced at least once a year.

Provided your system is well maintained, a good quality system will last long past its 5 year warranty period.

- We recommend service of your air conditioner at least once a year to check for blockages, cleanliness etc.

The air filter should be cleaned every 3 months, an easy way to remember is to do it with every change of the season. It is especially important during the summer when dust and allergens circulate, during this period you should clean air filters monthly. Vacuum return air registers, wash filters (by spraying with a hose) and clean air vents regularly.

One should at least inspect the filter every 30 days and change it if necessary. If clean, check at least every 45 days.

If a central air conditioning and heating system is used regularly, the filter should be changed at least once a year.

If you smoke in your house, have inside pets, or a large amount of traffic in the house, check the filter once a week. The outside environment should be considered, since dust storms and high pollution areas do affect the filter as well.

A filter change costs a couple of dollars, but it is the most important thing you can do to avoid problems later. If you let it go, the blower motor works harder, shortening its life or your evaporator coil could become your filter, blocking airflow and causing it to start icing up; this can cost hundreds of dollars to remedy. If you require filter maintenance or full maintenance of your climate control system please call PBE Electrical & Maintenance on 03 9553 0888



\$30.00plus GST

To clean and disinfect

- 1 x existing split system filter or
- 1 x existing ducted heater filter/vent