



TROUBLE SHOOTING INFORMATION ON SMOKE ALARMS

Smoke Alarm “Chirping” or “Beeping”

1. Low Battery -the alarm will emit a chirp every 40 seconds – replace the battery. Smoke alarms with built-in rechargeable battery, ensure Mains power is on and allow battery to recharge.
2. ‘HUSH’ mode activated - In the event of a false alarm ‘Hush’ can be activated to silence the alarm and de-sensitize the smoke alarm. The smoke alarm will chirp for 30 seconds interval in ‘hush mode’ and will automatically revert to normal operation after approx 15 mins.
3. Pressing the ‘HUSH’ button will cause the chirping or beeping for 15 minutes.

Unable to remove alarm from base plate

1. Smoke alarms may have the anti-tamper retaining screw on the side of the alarm; if this is not wound out sufficiently the alarm cannot be removed from the base.
2. Slide the smoke alarm towards the direction of the arrow to disconnect it from the base plate.
3. Smoke alarm is safe to remove from the base plate, as the power is isolated in the base plate.

Low Battery on Rechargeable Smoke alarms

Some models have built in rechargeable battery. If the smoke alarm is without mains power for a long period the battery can be drain to a very low level. Allow at least 24 hours for a low battery to recharge when mains power is restored. We recommend the smoke alarm to be disconnected from the base plate if the mains power will be turned off for an extended period of time.

Replaced Battery but alarm still 'chirps'

When replacing a battery follow these steps:

1. Remove the smoke alarm from the base plate. The battery is located behind the head of the smoke alarm. Remove the battery and replace with a brand new trusted brand of alkaline 9V battery.
2. Insert the new battery and ensure the battery is fitted in the correct location and polarity with the tamper device folded down. Place the smoke alarm back onto the base plate and ensure green AC light is on.
3. When replacing the alarm onto the base plate take care not to activate the "HUSH" button as the alarm will emit a chirp to indicate that "HUSH" has been activated. Allow 15 minutes for the ‘hush mode’ to reset.
4. If the smoke alarm has an in built battery, allow 24 hours for the battery to recharge. If the smoke alarm continues to chirp, then contact PSA. In-built batteries cannot be removed or replaced.

Always ensure:

1. The new battery is fully charged. If a battery has been on a shelf for some time it can lose some voltage. A drop of even 0.5V can cause the alarm to 'reject' the battery. Ensure the battery is over 9.0 volts and in good working order.
2. Ensure the smoke alarm is seated on the base plate. Sometimes enough contact is made to light the Green AC light but the alarm may not be seated properly. Just 'tap' the alarm (against the direction of the arrow) to make sure it is properly seated and connected.

Test Button

To test if the unit will alarm correctly, press & hold the test button for at least 3 seconds. The smoke alarm will sound an alarm.

False Alarms

1. Ensure the battery doesn't need replacing, a low battery affects the performance of the alarm and can lead to false alarms.
2. Smoke alarms do not only detect smoke -they can be triggered by dust build up, small bugs, paint fumes, aerosols, steam, perfume. If the building is near to a busy road and windows are left open over time even traffic fumes can build up and cause an alarm.
3. To keep the alarm clean, use the vacuum to clean the unit from time to time to reduce any dust/particle build up.
4. Ionisation smoke alarm is the most common type of alarm. Ionisation type smoke alarms are sensitive and responsive to detect small invisible particles typically produced by fast flaming fires. Typically a burning toast can trigger ionisation smoke alarms. Photoelectric type smoke alarms may be more responsive to visible particles produced by most smoldering type of fires. Typically paper and fabric fires. We recommend that both ionisation and photoelectric smoke alarms be installed to help ensure maximum detection of the various types of fires that can occur in the home.

How often should the battery be changed?

Once a year is recommended; we suggest you change the battery when the clocks are changed to daylight saving. Smoke alarms with in-built rechargeable battery do not need changing.