

Alarm silence facility

When the smoke alarm has detected smoke and turns into the alarm mode, you can mute the alarm for a minimum of 5 minutes and a maximum 15 minutes by pressing the test panel. After that, the smoke alarm automatically resets and returns into the normal operation mode. If there are still particles of combustion in the air, the smoke alarm will turn into the alarm mode again. WARNING: Use this function only if you are absolutely sure that the alarm was triggered by a known problem, e.g. smoke development during cooking.

Soft start alarm

This alarm model has a soft-start alarm - the first 9 beeps are at reduced noise level for user comfort.

Low battery mode

When the battery is running low, the smoke alarm will indicate this with a repetitive beep and flash for approximately 30 days. WARNING: This smoke alarm is equipped with a non-replaceable battery. When this warning occurs, replace the device as soon as possible! The acoustic low battery warning signal can be muted for ten hours by pressing the test panel. The smoke alarm is still functioning and able to detect smoke when it's in this mode.

Fault warning mode

The smoke alarm runs through a periodical self-test. When the smoke sensor is not functioning properly, it will turn into the sensor fault warning mode. Try cleaning the smoke alarm (see paragraph "Maintenance") or replace the smoke alarm! If the buzzer is not working correctly, the device will turn into the buzzer fault warning mode. Please immediately contact the manufacturer or replace the smoke alarm when this occurs.

Night mode

This smoke alarm has an automatic night mode. In dark rooms, the led signal will be dimmed to prevent disturbance of the night's sleep.

Overview visual & acoustic signals

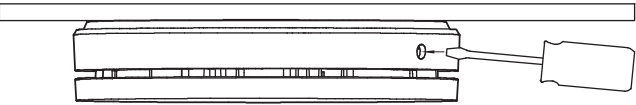
Operating mode	Visual signal (flash)	Acoustic signal (beep)	Description mode
Normal	1 x per 40 second	None	Device is functioning properly
Test	1 x per second (3 x) / pause of 1,5 seconds	1 x per seconds (3 x) / pause of 1,5 seconds NB For user comfort the first 9 alarm pulses will be at half intensity.	Device is tested
Alarm	1 x per second (3 x) / pause of 1,5 seconds	1 x per seconds (3 x) / pause of 1,5 seconds NB For user comfort the first 9 alarm pulses will be at half intensity.	Device is detecting smoke
Alarm silence	1 x per 8 seconds	None	Smoke alarm signal is muted
Low battery warning	1 x per 40 seconds	1 x per 40 seconds	Battery is running low
Low battery warning silence	None	None	Low battery warning is muted
Sensor fault warning	1 x per 40 seconds	1 x per 40 seconds	Sensor is not functioning properly
Buzzer fault warning	2 x per 40 seconds	None	Buzzer is not functioning properly

Maintenance

- This smoke alarm is equipped with a self-testing mechanism. We recommend to test the smoke detector manually at least once every three months by using the test facility. If the smoke alarm functions correctly, it will generate a loud beep. Due to the loudness of the alarm, make sure that you always stand at arm's length distance from the unit when you are testing. If the smoke alarm does not generate an acoustic signal, the smoke alarm must be replaced immediately!
- Clean the smoke alarm at least once per month to remove dirt, dust or debris. Use a vacuum cleaner with a soft brush and vacuum all sides and covers of the smoke alarm. Do not remove the top cover of the smoke alarm to clean it inside.
- Do not attempt to repair this smoke alarm. If the smoke alarm shows a damage related to its functionality, it must be replaced!
- Trouble shooting: False alarm is often caused by insect penetration, dust or steam.

Disassembling

To disassemble the smoke alarm, take a screw driver and push it into the mounting hole. Then, turn the smoke alarm counterclockwise to remove it from the mounting bracket.



Recycling and disposal

The WEEE symbol means that this product and batteries must be disposed separately from other household waste. When they reach their end of life, take them to a designated waste collection point in your area to guarantee a safe disposal or recycling. Protect the environment, human health and natural resources!

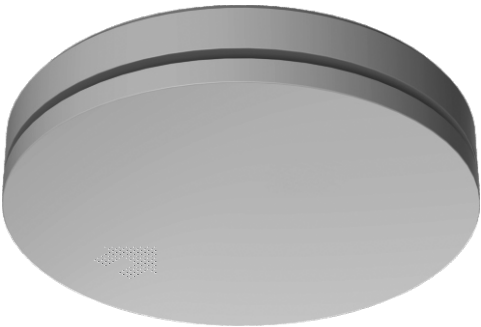


Having alarm problems?
Scan here for Troubleshooting Guide



PHOTOELECTRIC SMOKE ALARM
LONG-LIFE SEALED BATTERY
OM546H-LS

USER MANUAL



Identification

Product type : Slimline 10yr Smoke Alarm

Product code : OM546H-LS

Manufactured for : Newfield Group Ltd
491 Waterloo Road
Islington, Christchurch 8042
New Zealand

Website : www.orcasafety.co.nz

CE

EN 14604:2005 + AC:2008

DAAF

www.marque-nf.com

ESSENTIAL CHARACTERISTICS: PASSED

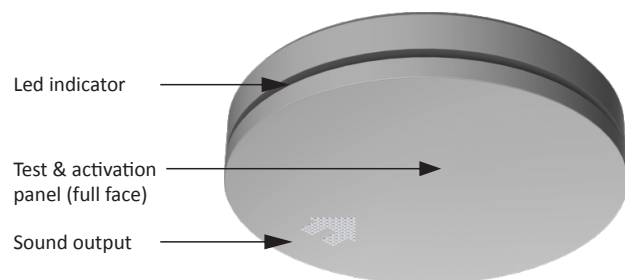
Nominal activation conditions/ Sensitivity, Response delay (response time) and Performance under fire condition - Operational reliability - Tolerance to supply voltage - Durability of operational reliability and response delay, temperature resistance, vibration resistance, humidity resistance, corrosion resistance, electrical stability

Thank you for purchasing our smoke alarm!

Before using the device, please read these instructions carefully to ensure proper usage and store them in a safe place during the entire lifetime of the product.

Product description and intended use

This is a smoke alarm with a photoelectric sensor for installation in residential buildings, apartments and rooms with residential-like use. Smoke alarms are designed to provide an early warning of emergency fires to persons present, so that these persons can react appropriately to the hazardous event. Always consult local regulations for smoke alarms.



Product specifications

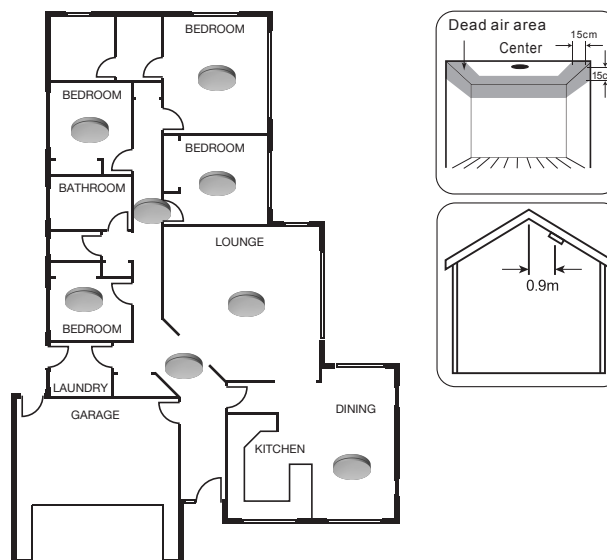
Detection method	: Photoelectric sensor
Power supply	: Sealed battery 3V DC (included)
Battery lifetime	: 10 years
Alarm volume	: ≥ 85 dB (A) at 3 meters
Alarm sensitivity	: 0.11 - 0.16 dB/m
Monitored area	: 40 m ²
Operating temperature	: 0°C - 40°C
Operating humidity	: < 93 %
Date of replacement	: See product label
Individual alarm indicator	: Yes
Alarm silence facility	: Yes Hush time: 5-15 minutes
Low battery warning	: Yes
Low battery silence facility	: Yes Hush time : 10 hours
Installation in leisure accommodation vehicles	: Yes
Mounting location	: Ceiling or wall
Interconnectable	: No

Warnings

- To prevent injury, this device must be securely attached to the ceiling/wall in accordance with the installation instructions.
- Batteries should not be exposed to excessive heat such as sunshine, fire or the like.
- Do not paint or cover the smoke alarm.

Where to install a smoke alarm

- As a minimum, smoke alarms should be located between sleeping areas and potential sources of fire such as living rooms and kitchens. In single story homes with one sleeping area, a smoke alarm should be installed in the hallway, as close as possible to the living accommodation. To ensure audibility in bedrooms, no smoke alarm should be further away than 3m from any bedroom door. It may be necessary to install more than one smoke alarm, particularly if the hallway is more than 15m long. In single story homes with two separate sleeping areas, a minimum of two smoke alarms is required, one outside each sleeping area. In multilevel or split level homes, as a minimum a smoke alarm should be installed on the ground floor between the staircase and any rooms in which a fire might start and on each story in circulation areas which form part of escape route (normally hallways and landings).
- Additional alarms should be installed in bedrooms in anticipation of fires originating there, caused by faulty wiring, lights, appliances, smokers or other hazards.
- For best protection, smoke alarms should be installed in every room in your home, apart from those listed in the next section. Heat alarms should be used in kitchens, boiler rooms, laundry rooms, garages and such like, where smoke alarms would be unsuitable.
- Install smoke alarms in circulation areas at a distance no greater than 7.5m from the farthest wall, no greater than 7.5m from a door to any room in which a fire might start and no greater than 7.5m from the next smoke alarm.
- As it is impossible to predict the source of a fire, the best location for an alarm is usually the center of a room or hallway. If it is necessary to place a smoke alarm on a wall, always locate the detection element of the alarm 150mm to 300mm (6 to 12 inches) below the ceiling and the bottom of the alarm above the level of doors and other openings.



- In rooms with simple sloped, peaked or gabled ceilings, install smoke alarms on the ceiling 900mm (3 feet) from the highest point of the ceiling. "Dead air" at the peak of a ceiling may prevent the smoke from reaching the alarm in time to provide an early warning.

Where not to install a smoke alarm

- In an environment with a high risk of draught (e.g. close to air conditioning, fans and ventilation outlets). The movement of air can impair the penetration of fire smoke into the smoke alarm.
- Areas where fumes or cooking smoke occur, such as kitchens.
- Areas with high humidity such as bathrooms, or close to appliances such as dish washers or washing machines.
- Areas where dust can accumulate such as the garage or attic.

Mounting

- Place the mounting plate on the desired installation location and mark where the holes should be drilled.
- Drill two holes with a diameter of 5 millimetres.
- Push the plastic plugs into the holes.
- Insert the screws into the mounting plate, and tighten them firmly into the plugs.
- Place the smoke alarm on the mounting bracket and secure it by turning it clockwise.

Activation

Before commissioning the smoke alarm, it is important to activate it and test it for correct operation.

- When fixing the alarm body to the bracket the alarm is automatically activated.
- Press the full face test panel and hold it in for approximately 3 seconds until the alarm siren sounds. Release the test panel immediately after this. The smoke alarm will generate a beep to indicate that it's activated.

NB

For user comfort the first 9 alarm pulses will be at half intensity.

