



The new rules for smoke alarms

A step forward in safety



As New Zealand homes become increasingly connected, dependable early warning remains essential. Fire Tek® and Wiser® smoke alarms can be interconnected to help provide faster warning throughout the home.

The new Smoke & Heat Alarm range expands this interconnected solution with a dedicated heat alarm for kitchens, garages and laundries, where smoke alarms may not be suitable. Compatible alarms can be wired or wirelessly interconnected, with systems supporting up to 40 devices. Designed to support current New Zealand Building Code requirements and NZS 4514:2021, the range provides dependable detection, simple upgrades and compatibility with selected existing installations.

Installation location

Smoke alarm locations require careful consideration. Avoid certain areas that could cause false alarms or nuisance tripping. It is recommended to install interconnected smoke alarms in all bedrooms, living spaces, hallways and landings, with at least one alarm on every level.

Replace smoke alarms every 10 years

All smoke alarms have a limited-service life of 10 years. After that period, the entire smoke alarm unit must be replaced with a new one.

Heat alarms

Heat alarms provide reliable protection where smoke alarms shouldn't be used and prevent false alarms. Where a kitchen or scullery is separated by closable doors, a kitchen-suitable alarm, such as a heat alarm, may be required to help reduce nuisance activations.

Complying with the code is a must

From 1 August 2026, new building consent applications must follow the latest New Zealand Building Code requirements. New homes and relevant consented renovations require smoke alarms installed in accordance with NZS 4514:2021.

Required alarms must be interconnected by wired or wireless means and powered by an approved option, such as 230 V mains or a sealed 10-year battery.

For rental properties

Working smoke alarms are compulsory in New Zealand rental homes, boarding houses, rental caravans and self-contained sleep-outs.

For New Zealand rental properties, working smoke alarms are required in every room where someone sleeps, or within 3 metres of each bedroom door, and on each level of a multi-level home.

Existing alarms may remain in place if they are working and have not reached their expiry date. Landlords must ensure alarms are working at the start of each tenancy, while landlords and tenants must meet their respective maintenance obligations. Non-compliance may result in financial penalties.

Fire Tek® and Wiser® Smoke alarms

Photoelectric Smoke alarms

Fire Tek® Smoke Alarm Specifications

Product	Description	Key features
 755PSMA5	240V a.c. Surface Mount Photoelectric Smoke Alarm 9 V d.c. Battery Backup Gen 4	• Direct replacement for 755PSMA4 and mains powered • Robust flip-down design with multiple mounting note options makes installation and maintenance simple. • New dual-emission smoke chamber for improved detection performance • NZS 4514:2021 compliance and 10 year warranty
 755PSMA5L	240 V a.c. Surface Mount Photoelectric Smoke Alarm 10-year Lithium Battery Backup Gen 4	• Replacement for 755RLPSMA4 and mains powered • Sealed-in battery; no more replacing backup batteries annually • Robust flip-down design with multiple mounting hole options makes installation and maintenance simple. • New dual-emission smoke chamber for improved detection performance • NZS 4514:2021 compliance and 10 year warranty
 755PFM4	230 V a.c. Flush Mount Photoelectric Smoke Alarm 9 V d.c. Battery Backup Gen 4	• Slim unobtrusive design and mains powered • Fast install with 90mm cut out & extra-large terminals and robust clip-in alarm design makes installation and maintenance simple • NZS 4514:2021 compliance and 5 year warranty
 755LPSMA4	Photoelectric Smoke Alarm with Built-in Wireless Interconnection Lithium Battery Powered	• Powered by a 10-year sealed-in lithium battery means no more replacing backup batteries annually. • Can be wirelessly interconnected to any Fire Tek® surface mount and Wiser® smoke alarms. • Low profile design blends into its surrounds. • NZS 4514:2021 compliance and 5 year warranty

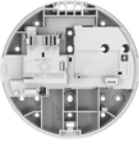
Wiser® Smoke Alarm specifications

 755WSA	Wiser® 240V Round Smoke Alarm	• Fits onto existing PDL Fire Tek® bases. • When used with Wiser® it can provide push notification alerts and trigger automations. • Dual spectrum photoelectric sensing technology helps to mitigate false alarms for added confidence. • Lithium 10yr battery backup. • Can be wired or wireless interconnected to all PDL smoke alarms
 CLP599WSA	Wiser® 240V Square smoke alarm	• When used with Wiser® it can provide push notification alerts and trigger automations. • Dual spectrum photoelectric sensing technology helps to mitigate false alarms for added confidence. • Lithium 10yr battery backup. • Can be wired or wireless interconnected to all PDL smoke alarms
 PDL599WSAL	Wiser® Lithium battery powered smoke alarm	• When used with Wiser® it can provide push notification alerts and trigger automations. • Dual spectrum photoelectric sensing technology helps to mitigate false alarms for added confidence. • Powered by a 10-year sealed-in lithium battery. • Can be wireless interconnected to Wiser® smoke alarms and the 755RFB2 and 755LPSMA4 Fire Tek® smoke alarm

Heat alarm

Product	Description	Key features
 755HA5L	230V a.c. Heat Alarm 10 year lithium backup	• Detects rapid rise in heat or high temperature for areas unsuitable for smoke alarms • Compatible with smoke alarm installation bases • Wireless connection to existing PDL smoke alarms • NZS 4514:2021 compliance

Accessory specifications

Product	Description	Key features
 755RB5	Mounting Base with Integrated Relay 10 year fixed installed battery	• Replacement for 755RB • Helps integrate PDL smoke alarms with devices like lights and sirens through a changeover, voltage free relay contact. • A remote test/hush feature through momentary push buttons. • The relay can be configured to operate only when the local alarm is activated or when any interconnected alarm activates.
 755RFB2	755RFB2 mounting base	• Wireless Mounting Base allows up to 40 Fire Tek® smoke alarms to be wirelessly interconnected. This is useful when adding a new alarm to an existing group, or if it is challenging to run interconnected cables. • A remote test/hush input to allow testing or silencing from a momentary wall switch.
 756	756 isolation relay unit	• Provides control of auxiliary devices such as lighting, sirens, strobes or security systems when a smoke alarm is triggered. • The isolated changeover relay contacts activate when an interconnected signal is received from a Fire Tek® smoke alarm.

Ordering details

Catalogue No.	Description
755PSMA5	240 V a.c. Mains Power Surface Mount Photoelectric Smoke Alarm with 9 V d.c. Battery Backup, Gen 4
755WSA	230 V Smoke Alarm, Round, Works with Wiser
CLP599WSA	Wiser 230 V smoke alarm, square
PDL599WSAL	Wiser Lithium battery smoke alarm, square
755PSMA5L	240 V a.c. Mains Power Surface Mount Photoelectric Smoke Alarm with Rechargeable Lithium Battery Backup, Gen 4
755PFM4	230 V a.c. Mains Power Flush Mount Photoelectric Smoke Alarm with 9 V d.c. Battery Backup, Gen 4
755LPSMA4	Lithium Battery Powered Photoelectric Smoke Alarm with built-in wireless interconnection
755HA5L	Heat Alarm, Surface, 230V, Lithium Battery Backup
755RB5	Smoke Alarm Mounting Base with Integrated Relay
755RFB2	Smoke Alarm Mounting Base with Wireless Interconnect, Gen 2
756	Smoke Alarm Isolation relay unit

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