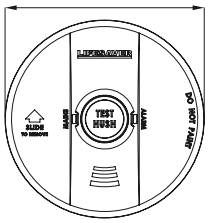
PSA | LIFESAVER

6000 SERIES

6800RL SMOKE ALARM

ADVANCE SENSOR

Mains Powered 240V AC with 10 Year Rechargeable Lithium Battery Backup



Certified Product™
Australian Standard AS3786:2014
SAI GLOBAL

WARRANTY 5 YEAR

ACTIVFIRE® CERTIFIED

Tested & Complies to Australian Standards AS3786:2014

Application

The PSA Lifesaver 6800RL model is a mains powered, rechargeable lithium battery backed smoke alarm. The alarm uses photoelectric technology and is designed to be surface mounted on the ceiling or wall. It can be used as a single stand alone unit, or can be interconnected with up to 24 units.

When used with the 6000WB (wireless RF interlink baseplate), the alarm offers wireless interlinking capabilities as well as remote test/hush functionality with 6000THL (wireless smoke alarm controller)

Features

- New advance sensor technology and intelligence to reduce sensitive activations.
- Anti-static sensor to repel dust particles
- Easy installation & maintenance with QUICK SLIDE base.
- Mains powered, surface mount smoke alarm
- 240V AC with rechargeable lithium battery backup
- 10 year lithium battery back up.
- Photoelectric sensing technology
- Increased resilience to electrical interferences and dirty power.
- Chamber monitoring feature and first to alarm memory
- Switch-mode power supply uses less power and safer operation.
- Compatible with 5800 series baseplate
- Bug screen over sensor chamber
- Low battery hush feature
- Single button operation
- 5 year warranty
- ActivFire Certified, Approved to AS3786:2014
- SAI Global Certified

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ADVANCE SENSOR

Technical Specifications

Model	6800RL
Part Number	LIF6800RL
Sensor Type	Photoelectric Advance Sensor
Supply Voltage	240V AC 50Hz
Power Consumption	10mA max per alarm, 4mA (standby)
Battery Back-up	Rechargeable lithium (non-replaceable) 10 year life
Interconnecting	Interconnectable up to 24 units
Alarm Volume	85dBA at 3 metres
Alarm Signal Pattern	ISO8201 (T3 - Repeat 3 long beeps)
Temperature Range	0˚C - 40˚C
Humidity Range	Up to 93% RH (non-condensing)
Hush Function	Silences alarm for 9 minutes Red LED flashes every 10 seconds Dense smoke will override hush function
Low Battery Hush	Silence low battery beeping for 8 hours
Alarm Duration	Alarm will sound for as long as smoke is detected, then unit will automatically reset when smoke clears.
Alarm Indication	Red LED flashes every second. When interconnected, only the red LED of initiating unit will flash.
Alarm Memory	Red LED flashes 3 times every 40 seconds. Pressing Test button will sound a short beeping sequence.
Chamber Monitoring	3 beeps every 40 seconds. Indicates maintenance is required.
Indicator LEDs	Green LED - Power indicator Red LED - Alarm status indicator, differentiated by frequency of flash.
Wiring Terminal	9V, Active, Switch, Neutral, Loop
Dimensions	130mm (diameter) x 45mm (depth)
Approvals	ActivFire, SAI Global, RCM, AS3786:2014
Warranty	5 years

Item Code

LIF6800RL	Quantity	Barcode
Single	1	9318475002162
Pack	6	19318475002169
Carton	24	29318475002166
Pallet	648	

Compatibility

6800	240V smoke alarm 9V battery backup (replaceable)
6800RL	240V, 10yr backup battery (non-replaceable)
6000DCW	10yr wireless smoke alarm
6000WB	Wireless RF interlink baseplate
6000THL	Smoke alarm control (wireless) (6800 and 6800RL requires 6000WB)
6000WIRM	Wireless interconnect module

Accessories

LIFHA240	Heat alarm with 9V battery back
LIFCO240	Carbon monoxide alarm
LIF5800ACF	Flush smoke alarm 240V, 10yr backup battery
LIFSAIR	Isolation relay (Gen 2)
LIFSAIRMB	Isolation relay (Gen 2) within mounting block
LIFMB3848	Mounting block
LIFLT711	Smoke alarm tester (aerosol)

Due to continual product development, PSA Products Pty Ltd reserves the right to alter specifications, product details, modify designs and discontinue items without notice or incurring obligation. Whilst every effort is made to ensure that specifications and other information in this document are correct, no warranty is given in respect thereof and the company shall not be liable for any error therein.
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