PSA LIF5800ACF 240V Flush Smoke Alarm
CS-PSA-LIF5800ACF

**240VAC WITH
10 YEAR BATTERY BACKUP**

**FLUSH DESIGN
PHOTOELECTRIC SMOKE ALARM**

PSA | **LIFESAVER silhouette**

MODEL 5800ACF

SMOKE ALARM

The PSA LIFESAVER 5800ACF is a low profile AC/DC powered photoelectric smoke alarm that operates on a 240V power source with a non-removeable 10 year lithium battery backup. This advanced smoke alarm has the ability to function as a stand alone unit or in an interconnected system. The PSA Lifesaver 5800ACF is compatible with other PSA Lifesaver smoke alarms, heat alarm, carbon monoxide alarm and ancillary devices.

This alarm uses photoelectric sensing technology. Photoelectric sensing alarms may detect visible particles (associated with smoldering fires) sooner than ionisation alarms. Ionisation sensing alarms may detect invisible fire particles (associated with flaming fires) sooner than photoelectric alarms.

PSA Lifesaver model 5800ACF is a 240VAC powered alarm with a 10 year lithium battery to provide continuous protection during a power failure and includes a quick connect power harness to make installation simple.

FEATURES:

- Low profile flush mount design
- Photoelectric Sensing Technology.
- 240VAC with sealed 10 year lithium battery backup, no longer need to change battery.
- One button Test and Hush feature.
  - Large easy design button to Test alarm operation and Hush to silence nuisance alarms.
- Two LEDs.
  - Green LED indicates AC condition.
  - Red LED indicates alarm condition.
- Alarm memory.
- Dual insect screens over outer perimeter and inner sensor chamber to reduce nuisance alarm.
- 90mm cut-out, down-light style mounting for quick and easy installation.

ACTIVFIRE™ LISTED
Tested & complies to
Australian Standards
AS3786:2014

WARRANTY 10 YEAR

PROTECTING AUSTRALIANS
SINCE 1985
PSA PRODUCTS

FIRE • SECURITY • INTERCOMS

1300 772 776   enquiry@psaproducts.com.au
psaproducts.com.au

LIFESAVER 5800ACF
SMOKE ALARM

PSA | **LIFESAVER** *silhouette*

ARCHITECTURAL AND ENGINEERING SPECIFICATIONS

The smoke alarm shall be PSA Lifesaver model LIF5800ACF. It shall be powered by a 240VAC, 50Hz source along with a fixed non-removeable 10 year lithium battery backup. The unit shall incorporate photoelectric sensing technology with insect screen protection. The temperature operation range shall be between 0ºC and 40ºC and the humidity operating range shall be up to 93% relative humidity. The smoke alarm shall be low profile mounted designed with an installed dimension of 110mm wide x 28.5mm high. The electrical connection (to the alarm) shall be made with a plug-in connector. A maximum of 24 PSA Lifesaver devices can be interconnected in a multiple station arrangement.
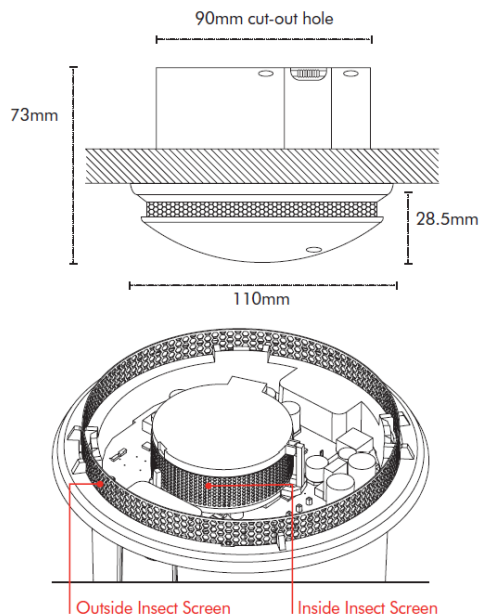
The alarm shall include a test button that will electronically simulate the presence of smoke and cause the unit to go into alarm. This sequence tests the unit's electronics, battery and horn to ensure proper operation. The unit shall include a piezoelectric horn that is rated at 85 decibels at 3 metres. Single button operates both Hush and alarm test for easy operation and less confusion. The unit shall also include a low battery warning utilizing a brief alarm chirp every 43 seconds for a minimum of seven (7) days. The unit shall incorporate red and green LED indicators. The green LED indicates the power status of the alarm. The red LED is a visual indicator of alarm and warning chirps.

Standby Condition: The green LED will be lit if on AC power or off if on battery backup. Alarm Condition: When the alarm senses products of combustion and enters alarm the red LED will blink in unison with the sounder. The flashing red LEDs and pulsating alarm will continue until the air is cleared. Should the units is in an interconnected system, it will sound an alarm and flash the red LED and the green LED will remain at is standby state. Alarm Memory: This smoke alarm is equipped with an alarm memory, which provides an audible indication when an alarm has been activated. Pressing the Test button on the initiating unit will give rapid beeping indicating the unit is the initiator. It resets when the button is released.

Hush Mode: The Hush mode will be over ridden if there is heavy presence of smoke particles in the air. The unit shall at a minimum meet the requirements of AS3786:2014 and is Activfire listed. It shall also include a 10 year manufacture's limited warranty.

SPECIFICATIONS

Compatible with	All PSA Lifesaver range of smoke alarms, heat alarm, CO alarm and auxiliary devices.
Detection Method	Photoelectric sensing technology
Operation	Stand-alone or interconnect up to 24 units
Power Requirement	240V AC 50Hz sine wave supply.
Power Backup	Non-removeable 10 year lithium battery
Rating	4mA max per alarm
Alarm sound	85dB at 3m
Low battery indication	Sounds a chirp at 43 second intervals, in addition to red LED flashing
Alarm duration	As long as smoke is present, unit automatically resets when smoke clears

INSTALLATION OF THE SMOKE ALARM

The PSA Lifesaver 5800ACF is easy to install by drilling a 90mm hole into the plaster ceiling. The unit is fitted with spring toggle clips to secure the smoke alarm behind the ceiling. The unit is connected to the power using a supplied 4 pin power connector and lead with terminal block for safe and easy installation. A mounting adapting ring is provided.

90mm cut-out hole
73mm
28.5mm
110mm

Outside Insect Screen | Inside Insect Screen

Alarm indication	Audible alarm, 3 long beeps repeating. Flashing red LED every 0.5 seconds.
Temperature Range	0ºC to 40ºC
Humidity Range	Up to 93% relative humidity (RH)
Size	110mm Wide x 73mm High. 28.5mm High installed.
Wiring	Quick connect 4 pin plug
LED	Green, power indicator Red, alarm indicator
Warranty	10 years
Compliance	Activfire Approved and listed to AS3786:2014 Australian standards certified product. Australian Electrical Authority Approval. RCM

*Refer to Installation and User Manual for further information and programming.
Due to PSA commitment to continual product improvement, specification may change without notice.

FIRE • SECURITY • INTERCOMS

1300 772 776   enquiry@psaproducts.com.au
psaproducts.com.au

PROTECTING AUSTRALIANS SINCE 1985 PSA PRODUCTS

MOORABBIN
131-133 Keys Road
Moorabbin VIC 3189

ALTONA
1 Drake Boulevard
Altona VIC 3018

ALBION
35 Sandgate Road
Albion QLD 4010

AUCKLAND
10 Fairfax Avenue, Penrose
Auckland 1061, New Zealand

sales@jh.market
www.jh.market
sales@jhmarket.co.nz
jhmarket.co.nz

AU National: 1300 000 808
Queensland: 1300 000 707
NZ National: 0800 748 848

Yiyun Corporation Pty Ltd | All information in this catalogue is subject to change at business discretion.
Please contact the office for confirmation of pricing and stock availability at time of order