



Detector Sensitivity Table		
Sensitivity Level	Alarm Obscuration % per Metre	Pre-Alarm Obs % per Metre
1	1.625	1.625
2	3.25	1.625
3	3.25 – 6.5 (Auto)	1.625 – 3.25 (Auto)
4*	6.5	3.25
5*	6.5 - 9.75 (Auto)	3.25 – 6.5 (Auto)
6*	9.75	6.5
7	9.73 – 13 (Auto)	6.5 – 9.75 (Auto)
8	13	9.75
9 *	Heat Only 63°C	n/a

* Restrictions when operating in CLIP Mode
 L 4,5&6 are combined. ie: They are all 9.75% .
 L9 unavailable. ie: No "Heat Only" mode

Description:

The **Acclimate™** detector is an intelligent, addressable, multi-sensing, low-profile detector designed for use with AFP-2800 Fire Indicator Panels on both CLIP and FlashScan loops.

The Acclimate™ detector uses a combination of photoelectric and thermal sensing technologies that are designed to increase immunity to false alarms. Unlike traditional detectors, the Acclimate™ detector has a microprocessor in the detector head that processes alarm data. As a result, the Acclimate™ detector adjusts its sensitivity automatically, without needing operator intervention or control panel programming.

Areas where the Acclimate™ detector is especially useful include office complexes, schools, college campuses, manufacturing and industrial facilities, and anywhere else the use of a particular area may change. The Acclimate™ detector automatically adjusts its sensitivity to the environment.

When operating in FlashScan mode, detectors can be programmed to provide separate outputs for thermal and smoke alarm levels if required.

Detectors include a reed switch which can be activated with a test magnet for ease of testing.

Specifications:

Detectors Per Loop (total):	CLIP 99 FlashScan 159
Operating Voltage Range:	15 to 32 VDC
Standby Current:	300 µ A @ 24 VDC
Maximum Alarm Current (LED on):	6.5mA @ 24VDC
Operating Humidity Range:	10% to 93% Relative humidity, non-condensing
Operating Temperature Range:	0 ° to 49°C

Approvals:

SSL Approved	
ActivFire Listing No.	afp-1633 (Notifier Model FAPT-851AUS)

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