

Technical Data Sheet

Emergency Eyewash and Shower Equipment



Activation Alarm System

APPLICATION

When an emergency shower or eyewash station is in operation, it is imperative that workmates and first aid personnel are notified and are able to monitor or render assistance.

The Spill Crew Activation Alarm System utilises robust and reliable flow sensing and alarm technologies to instantly provide local audible and visual indication that the shower or eyewash has been activated. The plug 'n' play system is easy to install, operate and test and has 'back to base' capability for remote or control room monitoring.

FEATURES

Flow switch:

- Magnetically actuated piston style sensor that switches in response to very low fluid flows
- Can be mounted in any orientation including horizontal or vertical pipework or even upside down
- Instantly responds to flow, initiating audible and visual alarms at the control panel
- Low voltage plug 'n' play control cable with for connection to the 12Vdc panel control circuit
- Stainless steel Y strainer, barrel union and reducer nipple allow easy installation of the flow switch on any Spill Crew shower or eyewash unit

Control panel:

- Waterproof enclosure with audible (siren) and visual (strobe) alarms
- Selector switch for ARMED and ALARM MUTE selection
- Red and Green LED indicator lights
- Volt free output for common fault - back to base monitoring capability
- Power cable with three pin plug for 240Vac connection

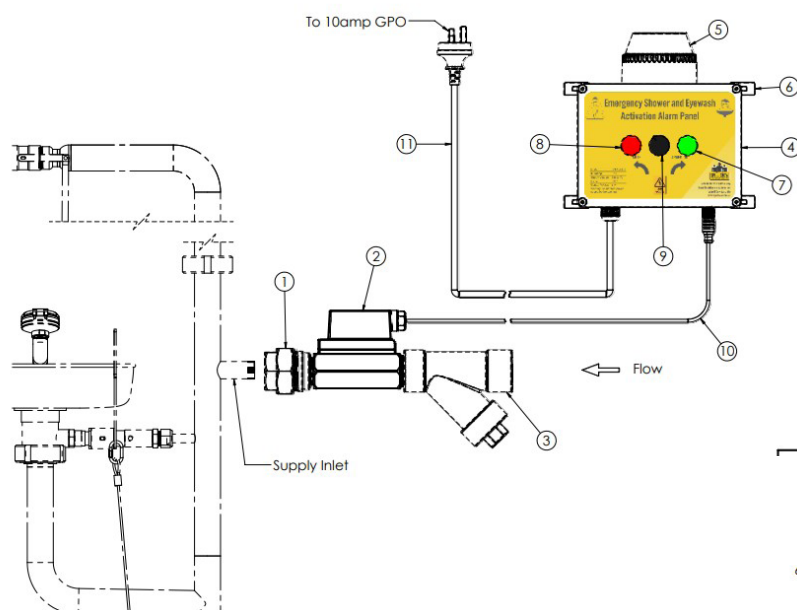


SPECIFICATIONS			
	Control Panel	Flow Switch	Installation Kit
Product code:	SCES-AAS		
Construction:	ABS	316 Stainless steel body Polypropylene enclosure	316 stainless steel
Mounting:	SS wall mount brackets	In-line on the shower/eyewash supply inlet	
Cable:	230Vac from mains GPO 1.7m c/w 10A 3 pin plug	12Vdc from control panel 5m c/w 4 pin locking plug	-
Electrical:	230-240Vac, 10watts, 50Hz, Class 1, IP55 ARMED ON/ MUTE indicators Two position selector switch Sounder c/w xenon beacon BMS volt free output for fault	Dry reed switch S.P.D.T Break Before Make contacts IP67	-
Mechanical:		100 L/min max flow 1.5 L/min switching flow $\pm 15\%$ Max pressure – 200 Bar	Y strainer, 80 mesh, 25mm BSP Barrell union, 25mm BSP Reducer nipple, 25x15* BSP
Dimensions:	250cm x 170cm x 270cm	125cm x 60cm x 95cm	-

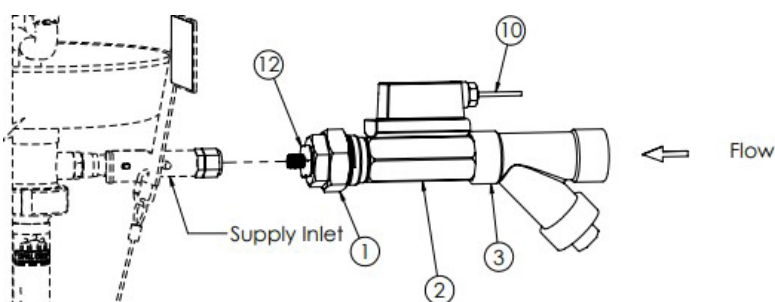
*Only required with eyewash or eye/face wash stations

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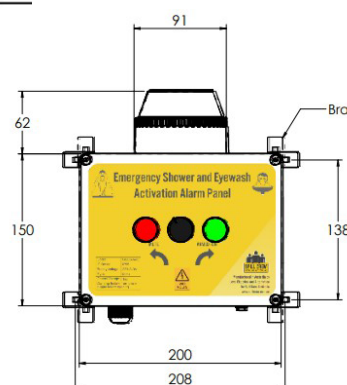


Connection to a shower or combination unit

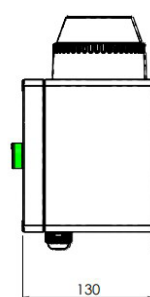


Connection to an eyewash or eye/face wash station

Item	Part No.	Description
1	SP414	Barrell union, 25mm, 316ss
2	SCES-AASFS	Flow switch, 25mm, 316ss, S.P.D.T
3	SP410	Y strainer, 25mm, 80 mesh, 316ss
4	SCES-AASCP	Control panel, IP55, ABS
5	SIR05M90423	Sounder beacon, LED, red c/w base
6	BC-B40	Mounting bracket, ss
7	PL22/24G	Indicator, green, LED, ARMED ON
8	PL22/24R	Indicator, red, LED, MUTE
9	EXC 1300	Selector switch, 2 position
10	1523434	Control cable, 12v DC c/w plug
11	SAL3S9000/2	Power cable, 240v AC, 1.7m c/w 3 pin plug
12	SP413	Nipple, reducing, 25x15, 316ss



Control Panel
Front View



Control Panel
Side View

COMPLIANCE

Whilst an alarm system is not mandatory with emergency eyewash or shower equipment, AS4775:2007 suggests that users consider the installation of an audible alarm or blinking lights to activate when the eyewash or shower is in operation. These considerations are particularly important for remote areas. If the alarm has been linked to central business areas, where warning lights or alarms are also activated, other staff can monitor the situation and send assistance if required.

Spill Crew's SCES-AAS Activation Alarm System has been independently tested for compliance with the relevant clauses of Australian Standards: AS/NZS 60335.1. read in conjunction with AS/NZS 60335.1:2022 (IEC 60335-1 Ed.6, MOD). including Australian National Variations.

Certificate # ANTL-5411 (available upon request) confirms compliance with the requirements of the standards listed and with respect to the requirements of the Electrical Equipment Safety Standard (EESS) for Level 1 Equipment.

Note: Due to ongoing research, development and continual improvement, specifications may change without notice.