

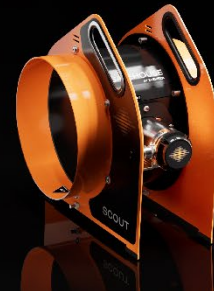
SCOUT AND SENTINEL®

ORDER CODE: SC300/SL300

Sentinel®
Damper Unit



Scout
Gas Detection Unit



DESCRIPTION

The Scout and Sentinel® are the core of our habitat safety system and are the product of many years of experience and thousands of hours of R&D.

The units connect and work together to monitor flammable gas concentration in a ventilation air supply duct and will automatically isolate it and alert personnel if gas is detected, allowing your most valuable asset – your people, to vacate the worksite safely. The system offers class-leading response time, ensuring risks are maintained at ALARP.

Featuring exceptionally reliable, maintenance-free IR gas detection technology, innovative Australian design and meticulous high-quality construction, the Scout and Sentinel® are our dependable front line of defence.

KEY FEATURES

- 5% LEL Methane alarm level
- 110dB audio and visual alarm sounder beacon
- Constructed from certified IECEx and ATEX equipment
- AS/NZS (IEC) 60079 series compliant
- Best in class response time (1.6s T90 and 0.2s damper)
- Separate damper and gas detection units for optimised duct length/air velocity to response time ratio
- Fail-safe design
- Corrosion resistant for harsh marine environments
- Integrated castors for maximum mobility
- Compatible with our Ex fans and FRAS ducting

TECHNICAL SPECIFICATION

	Scout	Sentinel®
Zone Rating	Zone 1 & 2	Zone 1 & 2
Gas Group	IIC	IIB + H2
Temperature Classification	T6	T4
Ingress Protection	IP66/67	IP65
Power Supply	24V DC (range 18–32V DC)	200–240V AC 47–63Hz 1P+N+E
Power Consumption	3.5W	60W
Weight	12kg	55kg
Dimensions (LxWxH)	336 x 480 x 505mm	704 x 519 x 970mm
Duct diameter	312mm	312mm
Plug Options*	N/A	CEAG/STAHL
Cable	Class 5, flexible, braided, LSZH	Class 5, flexible, braided, LSZH
Target Gas** / Alarm Level	Methane CH ₄ / 5% LEL methane	N/A
Detection Range	0–100% LEL Methane	N/A
Response Time	1.6s (Detector T90)	0.2s (Damper closing time)

* Other plug options available upon request **Other gas options available upon request