



Thousand series

SPECIFICATION SHEET

The classic smoke solution

Built on 15 years of experience in the security fog industry, the SmokeCloak® Thousand series provides the solution for all sizes of premises, from small server rooms to large retail stores. Utilising a microprocessor main control board, the SmokeCloak® is designed to integrate seamlessly into all types of intruder alarm panels. The electronics provide full fault-monitoring of all critical circuits and maximum flexibility for easy connection into any alarm or access control system.



Installation

For easy use, all SmokeCloak® products are fully compatible, and can be integrated into any alarm system.

The Cloaksensor, part of the unique patented SmokeCloak® system automatically controls fog density, regardless of the method of attack, is designed to be positioned in the centre of the room.

Support for optional verification movement detectors effectively removes the problem of unwanted activations.

Multiple system deployment allows protection for all sizes of buildings.

Design & construction

The SmokeCloak® Thousand series is designed and manufactured in the United Kingdom, according to MSS Professional's advanced quality control system, which complies with the stringent BS EN ISO 9001:2000 standard.

As with all SmokeCloak® products, safety and reliability are paramount in every aspect of the design and construction of the machines. Resistance to attack has been incorporated from the design stage, featuring tamper-protected

robust metalwork, with no visible external slots. Standard battery back-up protection on all models and Cloaksensor verification provide an unmatched level of security.

The state-of-the-art electronics incorporate microprocessor control and provide a broad range of error-checking and reporting facilities.

A further safety feature is the provision of a fire alarm input circuit to prevent the unwanted activation of the SmokeCloak® after a real fire has been detected but before the burglar alarm has activated.

Quality assurance

MSS Professional fully complies with the British Standard BS7939:1999 for the Supply, Installation and Maintenance of Smoke Security Devices. The SmokeCloak systems have also been registered by The Danish Insurance Association for use in all approved security applications.

Warning signs

Noticeable and easily-understood self-adhesive warning signs are provided with the products. The signs must be displayed at the normal entry points to the building.



Product features

- built-in battery back-up
- patented automatic smoke density control
- heavy duty sabotage resistant case
- audible tone status signal
- internal system status LED indicators
- built-in self diagnostics facility
- electronic fluid measurement system
- extremely dense smoke output for maximum protection
- harmless dry vapour with no negative side effects
- non pressurised heating based system

Installation

- integrated mounting bracket for easy wall installation
- horizontal or vertical mounting option
- seamless integration with existing alarm systems

Inputs

- pump/system enable set/un-set
- make smoke
- Cloaksensor
- movement verification detector
- system inhibit on fire alarm activation

Expansion

- serial display expansion
- remote communication module
- external power input port

Outputs

- faulty/no batteries
- no mains electricity
- incorrect temperature
- no fluid
- low fluid
- system activated
- tamper circuit
- auxiliary output

	System 1000	System 2000	System 4000	System 4000 X-stream	System 8000
Dimensions	475 x 202 x 396 mm	475 x 202 x 396 mm	475 x 202 x 476 mm	475 x 202 x 476 mm	475 x 202 x 576 mm
Weight	18.1 kg	21.1 kg	26 kg	26 kg	32.5 kg
Colour	Beige/White	Beige/White	Beige/White	Beige/White	Beige/White
Fluid	1 x 1 litre bottle	1 x 1 litre bottle	1 x 1 litre bottle	1 x 1 litre bottle	2 x 1 litre bottle
Electrical	210 - 240 v - nominal 110 v - to special order	210 - 240 v - nominal 110 v - to special order	210 - 240 v - nominal 110 v - to special order	210 - 240 v - nominal 110 v	210 - 240 v - nominal 110 v - to special order
Power consumption at 240 V	1.25 KVA quiescent 118 watt	1.5 KVA quiescent 96 watt	2.5 KVA quiescent 120 watt	2.5 KVA quiescent 128 watt	2.5 KVA quiescent 128 watt
Reaction time	0.1 sec.	0.1 sec.	0.1 sec.	0.1 sec.	0.1 sec.
Smoke output (capacity)	100m ³ in 30 seconds 180m ³ in 60 seconds	155m ³ in 30 seconds 310m ³ in 60 seconds	255m ³ in 30 seconds 510m ³ in 60 seconds	550m ³ in 30 seconds	400m ³ in 30 seconds 800m ³ in 60 seconds
Backstop timer	Adjustable 1-25 min in two ranges	Adjustable 1-25 min in two ranges	Adjustable 1-25 min in two ranges	Adjustable 1-25 min in two ranges	Adjustable 1-25 min in two ranges

Supplier:

