



RAPID EL



The strikingly compact **RAPID-EL** offers basic security smoke protection in smaller offices, shops and storage areas.

Specifications

Smoke Output	300 m ³ /minute (1.88g/sec for initial 15 seconds; 0.93g/sec thereafter)		
Smoke Capacity	Variable from 15 seconds to 7 minutes (@15-second intervals)		
Smoke Fluid	Polyglycols - USP	Fluid Storage	Sealed, clear pouch
Fluid Capacity	1 ltr.	Fluid Supply	High-pressure piston pump
Heater Block	High-density Aluminium	Duty Cycle	7%
Operating Voltage	110 Volt 50/60Hz (230 Volt 50Hz optional)	Heater Rating	1,100 Watts
Construction	Steel chassis and cover with tough powder coated finish.	Dimensions	12.5 (L) x 10.5 (W) x 12.5 (H) inch 32 (L) x 27 (W) x 31 (H) cm
Weight:	12 kg	On-board power	12 volt; 200mA
Protective Devices	<ul style="list-style-type: none"> • Tamper Circuit • Thermal Cut-out • EEPROM IC • Fused Supply • Run-dry Protection 		
Other features	<ul style="list-style-type: none"> • Easily concealed in ceiling plenum or wall cabinet, mounted on wall or suspended from ceiling • Attractive, compact and robust case • LED and audible warnings for Tamper, Ready State and Low Fluid • Simple and fast installation – compatible with all alarm panels • CE certified, EMC and BS7939 compliant 		

RAPID EL

Intruder Alarm Panel Connections	
'Trigger'	Switching 0-volts: connected through a Normally-closed relay in the alarm panel
'Ready State'	Volt-free relay output (Normally-closed when 'Ready') for remote monitoring
'Low Fluid'	Volt-free relay output (Normally-closed when OK) for remote monitoring
'Verification'	Volt-free relay output (Normally-closed) opening when the machine has produced smoke
Alarm Hold-off (PIR Sensor) Connections	
Power to PIR	12-volt and 0-volt connections
Alarm (Hold-off)	Switching 0-volts through the PIR relay (Normally-closed opening when confirmed)
Tamper	Switching 0-volts through the PIR tamper