



## RAPID - HP



The **RAPID-HP** offers effective security smoke protection for medium size offices and retail and warehousing facilities

### Specifications

Smoke Output	700 m <sup>3</sup> /minute (1.88g/sec for initial 15 seconds; 0.93g/sec thereafter)		
Smoke Capacity	Variable from 15 seconds to 6 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	1,400 Watts
Construction	Steel chassis and cover with tough powder coated finish.	Dimensions	36 (H) x 20 (D) x 34 (W) cm 14 (H) x 8 (D) x 13 (W) inch
Weight:	20 kg	On-board power	12 volt; 200mA
Protective Devices	<ul style="list-style-type: none"> <li>• Tamper Circuit</li> <li>• Thermal Cut-out</li> </ul>	<ul style="list-style-type: none"> <li>• EEPROM IC</li> <li>• Fused Supply</li> </ul>	<ul style="list-style-type: none"> <li>• Run-dry Protection</li> </ul>
Off Mains UPS	An external UPS (Uninterruptible Power Supply) can be used with this system. Connection of the UPS does not affect performance.		
Other features	<ul style="list-style-type: none"> <li>• Easily concealed in ceiling plenum or wall cabinet, mounted on wall or suspended from ceiling</li> <li>• Attractive, compact and robust case</li> <li>• LED and audible warnings for Tamper, Ready State and Low Fluid</li> <li>• Simple and fast installation – compatible with all alarm panels</li> <li>• CE certified, EMC and BS7939 compliant</li> </ul>		

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<b>Intruder Alarm Panel Connections</b>	
'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
<b>Alarm Hold-off (PIR Sensor) Connections</b>	
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