



Extinguishing Agent Release System

Product Overview:

Pertronic Industries offer a full range of products that provide cost effective, yet powerful and flexible solutions for the Extinguishing Agent industry.

The Extinguishing Agent Release panel has been designed specifically to meet the requirements of AS ISO14520.1–2009. The technology is built upon the proven F100A Analogue Addressable panel and the Pertronic Gas Flood board which has been significantly enhanced to meet customer needs.

The Pertronic Extinguishing Agent Release system is available with either the **F100A** Fire Alarm panel and **F120A** Fire Alarm panel for larger Analogue Addressable installations or the **F16e** panel for Conventional systems. Multiple Extinguishing Agent Release Controllers may be fitted into each panel.

The Pertronic Pertronic Agent Control / Local Control Stations and in-built display provide intuitive indication and control, with a highly visible 'Time to Discharge' display.

Extinguishing Agent Release Signage with fully configurable messages, visual options and an optional 'Time to Discharge' display, complement the product range providing unique, yet comprehensive solutions for all Extinguishing Agent requirements.



Extinguishing Agent Release System Panel

Features:

- » Smaller sleeker panel design
- » Ease of use, installation and maintenance
- » Built on robust and proven technology
- » Comprehensive system indication
- » Unique 'Time to Discharge' display
- » Full range of options and configuration
- » Dual Action Manual Release Switch
- » Designed specifically to meet the requirements of AS ISO14520.1-2009

Specifications:

» Detector Capacity	99 Detectors per loop
» Loops	2 Loops
» Agent Release Controller	1 Agent Release Controller per ARC panel – standard multiple ARC boards may be used
» Agent / Local Control Stations	Maximum 9 per Agent Release Modules
» Zone Capacity	128 Zones
» Loop Cable Resistance	Maximum 100Ω Total per loop (50Ω per Leg)
» Standard Relays	Fire, Fault, Battery Fault, General Purpose, Door Holder, Agent Released, Agent Release System Fault, Stage 1 and Stage 2
» Standard Monitored Inputs	Alarm Inputs, Manual Release, Low Pressure, Lock-Off Valve, Pressure Switch, Interlock, FIP Fault
» Standard Monitored Outputs	Warning System, External Bell, ACF and Dual Sign, System Inoperative
» Monitored Detonation Output	2A @ 24VDC
» Dedicated Isolate Controls	Warning System, External Bell, ACF and Door Holder
» Power Supply	200-250 VAC 50/60Hz; 210W
» Battery Charger	4.0A @ 27.4V Temperature Compensated Standard -5°C to 45°C; 0-95% Relative Humidity, Non-Condensing
» Dimensions	550 x 530 x 185 mm W x H x D (19" Cabinet)

Extinguishing Agent Release Panel Diagram:



Ordering Information:

Product Code	Description
F100A-A10U-ARC	F100A Fire Suppression in 10U Rack Cabinet, White Rackplates, 4A PSU
ACS-FM	FM Agent Control Station for Agent release System – Flush Mount
ACS-SM	SM Agent Control Station for Agent Release System – Surface Mount
LCS-FM	Local Control Station for Agent Release Controller, Flush Mount
LCS-SM	Local Control Station for Agent Release Controller, Surface Mount
AVS-B	Audio Visual Sign (Requires Separate Fascia)
AVS-C	Audio Visual Sign, c/w Countdown Timer (Requires Separate Fascia)