

Head Office

Wellington

PO Box 35-063
Naenae
Lower Hutt 5041
17 Eastern Hutt Rd
Wingate
Lower Hutt 5019
Tel (04) 567-3229
Fax (04) 567-3644

www.pertronic.co.nz

sales@pertronic.co.nz
tech@pertronic.co.nz

Auckland Office

PO Box 15-867
New Lynn
Auckland 0640
359 Onehunga Mall
Onehunga
Auckland 1061
Tel (09) 633-0226
Fax (09) 633-0228



ISO 9001: 2008

International
Standards
Certifications
QAC/R64/0012

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 F100A 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 Extinguishing Agent Release Controller which has been significantly enhanced to meet customer demands.

For larger installations, the Pertronic Extinguishing Agent Release Controller, which is the heart of the F100A Extinguishing Agent Release Panel, is also compatible with the Pertronic F120A Fire Alarm Panel. Up to eight Extinguishing Agent Release Controllers may be fitted into each panel.

The Pertronic Local Control Station and in-built display provide intuitive indication and control, with a highly visible real-time '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.



Agent Control Station (ACS)



Local Control Station (LCS)

Features:

- ▶ Time to Discharge display
- ▶ Auto-Release Disabled button / LED
- ▶ Buzzer Mute button with Lamp Test
- ▶ Agent Control Station (ACS): comprehensive (15) System Indicator LEDs
- ▶ Local Control Station (LCS): concise (6) System Indicator LEDs
- ▶ Auto Release Disabled' LED
- ▶ Integral Yellow 'Extinguishant Release' Manual Call-Point with frangible element
- ▶ Flush and Surface Mount enclosure options
- ▶ Up to 9 x ACS / LCS can be connected to a single Extinguishing Agent Release Controller

Specifications:

- ▶ Dimensions:
 - ACS/LCS PCB 98 x 95 x 20 - W x H x D mm
 - Agent Release MCP 87 x 87 x 20 (-25) - W x H x D mm (depth behind face-plate)
 - Surface Mount 110 x 200 x 60 - W x H x D mm (includes depth of MCP)
 - Flush Mount 110 x 200 x 30 - W x H x D mm (includes depth of MCP)
 - Flush Box 90 x 180 x 50 - W x H x D mm
- ▶ Environmental:
 - 5°C to +45°C
 - 10-95% Relative Humidity, Non-Condensing
- ▶ Operating Voltage Range: 20VDC - 30VDC
- ▶ Current Consumption:
 - 7mA - Quiescent @ 24VDC
 - 7mA - Alarm Stage I
 - 18mA - Alarm Stage II
- ▶ RS485 In:
 - Power 24VDC, Nominal - polyfuse protected @ 1.85A
 - Data RS485 A / B
- ▶ RS485 Out: Connect to Next ACS/LCS or EOL

Extinguishing Agent Release Panel Diagram:



Product Codes:

Code	Description
AGENTRELEASEC	Agent Release Controller Printboard Assembly
F100AF-ARC	F100A 2 Loop Suppression Panel, FS c/w Agent Control Station and release MCP
ACS-FM	Agent Control Station for Agent Release System - Flush Mount
ACS-SM	Agent Control Station for Agent Release System - Surface Mount
LCS-FM	Local Control Station for Agent Release System - Flush Mount
LCS-SM	Local Control Station for Agent Release System - Surface Mount
AVS-B	Audio Visual Sign

PERTRONIC INDUSTRIES LTD

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