



6. EUT SYSTEM LABELS

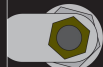
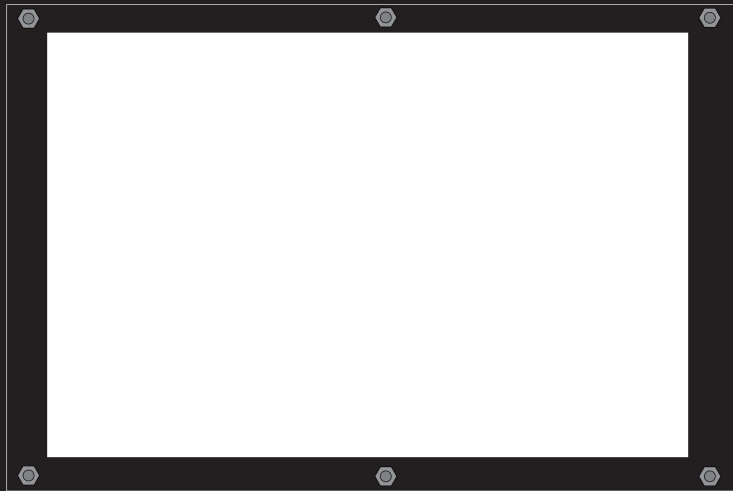
6.1. Label Graphics

The following label graphics are draft.

Figure 2. F220-2S factory-printed label

		F220-2S	
FCC ID: 2BAMRF220-2S			
SERIAL NUMBER			
			
TESTED:			
DATE:			
CHECKED:			
DATE:			

Dimensions = 48mm x 76mm
Corner Radius = 0.5mm
Material = White, Matt
Print Colour = Black
DO NOT PRINT MAGENTA OUTLINE



F220 FIRE ALARM CONTROL PANEL OPERATING INSTRUCTIONS

Normal - All LEDs off, except for the green AC Power LED. LCD displays **System Normal** and green bands.

Alarm - Fire LED is flashing red, and evacuation sounders and strobes will be operating. Escutee the protected area. Notify fire monitoring service and/or the Fire Department immediately.

The upper half of the LCD will display First Alarm information between red bands and the red Alarm List indicator will be on.

The yellow Ask indicator will be flashing. The second alarm occurs when the information will appear in the 2nd Alarm area in the lower half of the LCD.

Three or more alarms will cause the red Multiple Alarm indicator to flash. Pressing Next or Previous buttons will scroll through alarm location information on the lower half of the LCD.

Alarm Acknowledge - Press Ack to acknowledge all alarms. The yellow Ask indicator will turn solid on (i.e., no longer flashing).

Alarm Silence - Press the Silence Alarm key to silence all alarms. The yellow Silence Alarm indicator will be on.

If a new alarm occurs then silenced devices will rearm and the yellow Silence Alarm indicator will turn off.

Pressing Silence Alarm until alarms are already silenced will rearm the sounders and strobes, and turn on the Silence Alarm indicator.

Alarm Reset - Press the Reset key to reset all alarms.

If there are no more alarms then the System Normal state will resume. Pressing Reset will always clear all latched events, including alarms and supervisory events.

Alarm Test - Press the Fire Drill key and the red Fire Drill indicator will turn on and evacuation sounders and strobes will operate.

Press the Fire Drill key again to turn off the Fire Drill function. Sounders and strobes will deactivate, and the red Fire Drill indicator will turn off.

Trouble - The yellow Trouble List indicator will be on, and one or more trouble indicators may be on (System, GND, Power, NAC, SLC).

Press the Trouble List key to view a list of troubles. For further detail, select a trouble in the list with the Up/Down arrow keys.

Trouble Acknowledge - Press Ack to acknowledge all troubles. The yellow Ask indicator will turn solid on (i.e., no longer flashing).

Acknowledging all troubles will silence buzzers on panels and annunciators. The Silence Buzzer indicator will also turn on.

The silenced state will be automatically cleared 24 hours after a trouble if the trouble was not resolved.

Supervisory Events - To view supervisory events when alarms are active, press the OK key. For further detail, select an event in the list with the Up/Down arrow keys.

DO NOT ALLOW TROUBLE CONDITIONS TO REMAIN UNRESOLVED - The protection provided by the F220 system could be compromised if a trouble exists.

In the event of battery trouble, check the battery fuse located inline on the battery cable. Replace only with fast acting 15A 3AG/3AB style fuse.

Recommended maintenance by suitably trained & qualified personnel - Refer to the F220 Automatic Fire Alarm Technical Manual, United States.

Quarterly Visual Inspection of supervisory signal devices, waterflow devices.

Semiannual Visual Inspection of alarm notification devices, VRLA batteries, panel trouble signals, emergency voice/alarm communications equipment, initiating devices, electro-mechanical releasing devices, remote annunciators, transient suppressors, interface equipment, digital communicator.

Semiannual Testing of VRLA batteries, emergency voice/alarm communications equipment.

Annual Visual Inspection of panel LEDs, interfaced equipment, primary power supply, fiber optic cable connections, all other equipment.

Annual Testing of F220 panel functions & indicators & power supply, interfaced equipment, alarm notification appliances, VRLA batteries, fiber optic cables, trouble signals, electro-mechanical releasing devices, remote annunciators, digital alarm communicator.

Biannual Testing of smoke detector sensitivities.

LOCAL SERVICE REPRESENTATIVE: _____

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F220 FIRE ALARM CONTROL PANEL Fire Alarm Equipment, Commercial Protected Premises Control Unit Local Control Unit System, Central Station (PPU)

Apply NFPA standards: When this control panel is installed indoors in a dry location in an ambient or temperature range of 32°F (0°F) to 104°F (40°F) and in accordance with the referenced manual and field wiring diagram, complies with NFPA 70 National Electrical Code & NFPA 72 National Fire Alarm Code. Note: Not suitable for Remote Station Protected Premises Service where separate transmission circuits are required for Fire, Supervisory (when applicable) and Trouble Signals.

Type of Service: Manual Fire Alarm Automatic Fire Alarm & Supervisory Fire Suppression Warning, Activation of Fire Suppression Systems, Activation of Emergency Control Functions, Activation of Fire Alarm Notification Appliances, Automatic Carbon Monoxide Supervisory Signal Initiation, Activation of Carbon Monoxide Notification Appliances, Activation of CP-Premises Signals.

Type of Signaling Service: Non-coded, Steady, Tonal or 3 Pattern Performance Based Technologies & Other Transmission Technologies: Class B or X-Power Limited RS 485 Network Communications, Class C or B-Fiber Network Communications, Class B-Power Limited Issued RS 232 Communication to CP-Premises Digital Alarm Radio Transmitter Signaling Device.

Electrical Ratings: 100-132Vac rms. Connect to the branch circuit using 10 - 14AWG copper and a 10A ground breaker.

This system must be installed, maintained and operated in accordance with the following documents:

- Petronic F220 Automatic Fire Alarm Technical Manual, United States
- 2003-2022 New National Electrical Code
- Fire Code Manual (2022) (Fire Code) User Guide V9.04

Available at <https://id.petronic.net/F220-resources>



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