**ENCLOSURES, CHASSIS, AND PRINTED CIRCUITS**

**MARINE-ED Series:  **Protects equipment in environments exposed to airborne contaminants, high humidity, and mild temperatures.

**OSP-EQ:  **Battery Box. Required for batteries larger than 20 AH.

**UL:  **Battery. Required for batteries larger than 20 AH.

**USHPD:  **Seismic mounting kit. For the BB-25. Includes battery bracket for two 26 AH batteries.

**USHPD:  **Seismic mounting kit for the TPS-175. Includes battery bracket for two 26 AH batteries.

**USHPD:  **Seismic mounting kit for the TPS-D175. Includes battery bracket for two 26 AH batteries.

**USHPD:  **Seismic mounting kit for the TPS-D175. Includes battery bracket for two 26 AH batteries.

**USHPD:  **Seismic mounting kit for the BB-25. Includes battery bracket for two 26 AH batteries.

**NOTICE TO ORDERERS**

**OSHPD:  **Battery Box. Required for batteries larger than 20 AH.

**USHPD:  **Seismic mounting kit. For the BB-25. Includes battery bracket for two 26 AH batteries.

**USHPD:  **Seismic mounting kit for the TPS-175. Includes battery bracket for two 26 AH batteries.

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**USHPD:  **Seismic mounting kit for the BB-25. Includes battery bracket for two 26 AH batteries.
When the drift compensation performed for a given detector reaches a certain level, the performance of the detector may be compromised, and special warnings are given. There are three warning levels: (1) Low Chamber value, usually indicative of a hardware problem; (2) Pre-Alarm, indicative of levels: (1) Low Chamber value, usually indicative of a hardware problem; (2) Pre-Alarm, indicative of levels; (3) Maintenance Urgent, indicative of situations where the drift compensation and other diagnostic information need to be regularly monitored.

Drift compensation allows the program to be entered with independent per-point segments, which can be programmed (by powered-up switch selection) in any order, and up switch selection) by point to be red, green, or yellow; the Point Disabled Troubleshooting LED is always yellow.

Supervisory; System Trouble; Signals Silenced; Points with one AEM-48A.

Non-Resettable, configurable, and ULC Listed. Based on AUTOPULSE IQ-318.

Mounts up to 6000 ft (1828.8 m) from panel. Up to 32 per panel. Complete set of addressing options for AUTOPULSE IQ-318.

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FEATURES (Continued)

- High efficiency 85V switching 12 amp power supply
- UL listed as Intrinsically Safe (IA) Type IIC
- CE marked as Intrinsically Safe (IA) Type 2
- CS Certified for Canadian use
- Lightweight and compact design
- Fully field-configurable through display and keypad
- Firmware updates available via USB
- “AutoPro” function for quick programming
- Integration with third-party systems
- Built-in diagnostics and self-test functions
- Optional remote trouble relay output

SAFETY

Intelligent smoke detection systems are designed to provide early detection of smoke and other flame-like conditions, ensuring safety and minimizing property damage. The AUTOPULSE IQ-318 meets these safety requirements by employing advanced intelligent sensing algorithms, which continuously analyze input signals to detect smoke, fire, or other hazards. This system is UL certified and meets all applicable safety standards, ensuring reliability and protection.

TECHNICAL SPECIFICATIONS

- Voltage: 120VAC
- Current: 1.5A
- Power Consumption: 20W
- Response Time: 120-180 seconds
- Operating Temperature: -20°C to +70°C
- Storage Temperature: -40°C to +80°C
- Humidity: 0-95% non-condensing

INSTALLATION

The AUTOPULSE IQ-318 can be easily mounted in any location where it will not be obstructed or exposed to excessive vibration. The device is designed for 3” or 4” NPT connections and can be mounted in parallel, series, or in a loop configuration. It is compatible with a wide range of Analog Loop Control (ALC) systems, providing a flexible solution for smoke detection needs.

PROGRAMMING

The AUTOPULSE IQ-318’s programming interface is user-friendly and intuitive. It features a touch-sensitive display and a multi-language keypad, allowing for easy setup and configuration. The system supports various programming modes, including self-optimizing pre-alarm, sensitivity adjustment, and remote test modes.

APPLICATIONS

The AUTOPULSE IQ-318 is ideal for a variety of applications, including commercial buildings, industrial facilities, public spaces, and high-risk environments. Its intelligent sensing capabilities ensure accurate detection of smoke, fire, and other hazards, providing reliable protection against potential disasters.
**Maintenance Warnings:** False alarms, even as dirt accumulates. It reduces maintenance requirements, lowers computer usage by the AUTOPULSE IQ.</p>

**High-efficiency offline switching 3.0 amp power supply**

**FLASHSCAN EXCLUSIVE/ WORLD-LEADING DETECTION TECHNOLOGY**

- AUTOPulse IQ-318 is a line of detection devices and device protocol — FlashScan is an all-digital protocol that gives super precision and high noise immunity.

- In addition to providing quick identification of an active input device, this new protocol can also deduce many output devices in a single fire alarm panel.

- This high-speed data line also allows the AUTOPULSE IQ-318 to be the largest addressable system in the world for both input and output devices in less than two seconds. The multiprogrammable FlashScan protocol provides field-based FlashScan detectors with bicolor LEDs that can be coded to provide diagnostic information, such as device address during Walk Tests.

**FIELD PROGRAMMING OPTIONS**

- auto-programming is a time-saving feature of the AUTOPULSE IQ-318. Its flexibility makes it possible to program devices and also to reprogram existing devices that are not properly programmed.

- Program Entry (with EIA-485): The AUTOPULSE IQ-318 series of detector-monitor and addressable panel monitors includes a new field-programming feature. The program entry options make it possible to add or change capacities. The added features make it possible to add or change capacities.

- VeriTest Wiring: VeriTest tools are designed to provide a quick check of the AUTOPULSE IQ-318 wiring and the connections made. The tests can be performed to ensure that the proper devices are connected and that they are operating properly.

**INSTALLATION GUIDELINES**

- Installation guidelines for all software applications that are used to program the AUTOPULSE IQ-318. The guidelines cover the installation of the AUTOPULSE IQ-318 and its components. The guidelines cover the installation of the AUTOPULSE IQ-318 and its components.

- The AUTOPULSE IQ-318 panel includes the following components: markers, status display, and some options follow.

**FEATURES (Continued)**

- NIB (Non-Interchangeable Base) — a non-interchangeable base for the AUTOPULSE IQ-318.

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**FEATURES (Continued)**

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ENCLOSURES, CHASSIS, AND PANELS
MARINE-ED System: Protects equipment in both employment and domestic applications.

EMC: 95 dB(A) - Battery Life. Required for batteries larger than 4 Ah.

SERIES 2520: Sealing winding method. Required for specified applications that include hazardous locations and saltwater environments.

IP LEVELS: Provides class protection. Includes battery bracket to secure 3Ah or 20Ah batteries.

SAFETY: Includes battery bracket for series 2Ah or 24Ah batteries.

SIZING: Sealing mounting kit. Required for all 26 Ah. Includes battery bracket for the 20Ah batteries.

SEISMIC: Seismic mounting kit. Required for the NFS-LBB. Includes battery bracket for the 2Ah or 4Ah batteries.

SERIES 320/26: Seismic kit for the NFS-LBB. Includes battery bracket with 26 Ah batteries.

SEISKIT-LBB: Seismic mounting kit. Required for seismic applications.

VERIFIRE TCD: VeriFire series circuit control panel.

OTHER OPTIONS

Note: For other options including compatibility with recent equipment, refer to the panel's installation manual or the LC manual, and the Device Compatibility Document.

SAS-TP-1181R: Replacement CPU. Note: Required must be remanufactured and shipped out for repair.

OPTIONS

The AUTOPULSE and the product names listed in this material are marks and/or registered marks. Unauthorized use is strictly prohibited.
**SPECIFICATIONS**

- **System Capacity:**
  - Intelligent detectors: 128
  - Programmable input/output (I/O): 10
  - Programmable software zones: 99
  - Special programming zones: 14
  - LCD annunciators per CPU-318: 32
  - Address scanning: 1-64 points

- **Standards:**
  - ULc, UL, BHMA (Building Hardware Manufacturers Association), UL 62 Approved
  - NFPA Listed (Fire), it is designed to meet NFPA 72 Local, Auxiliary, Remote Station, and Proprietary that applies for the SE-9 System Requirements.
  - UL Listed
  - ULC Listed
  - FM Approved
  - MEC
  - California State Fire Marshall
  - VFD
  - OSHPD
  - ULC Listed
  - Approved

- **Features:**
  - Early warning performance comparable to the best aspiration smoke detection systems.
  - Releasing features: AUTOPULSE and the product names listed in this material are marks and/or registered marks. Unauthorized use is strictly prohibited.

- **Ordering Information:**
  - A 72 compliant.
  - Auto - Field selectable in less than two seconds.
  - Time delay 200-event alarm-only file.
  - History file with 800-event capacity in nonvolatile memory
  - Optional universal 318-point DACT panel firmware.

- **Dimensions:**
  - Panel – 159 modules (NO manual stations, two wire smoke, notification, etc., devices required). A 72 compliant.
  - Alarm, Trouble, and Supervisory relays.
  - Alert, Fire, Silence inhibit and
  - Delay timer and Delay timers (adjustable)
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