

Power Post™ 1-Zone Septic Alarm

WiFi | Rated Type 1, Indoor Alarm Panel

MODEL: VZW-02, ALARM PANEL ONLY

ALDERON™
Industries

Leading Edge Control Products

TECHNICAL DATA SHEET

DESCRIPTION OF OPERATION

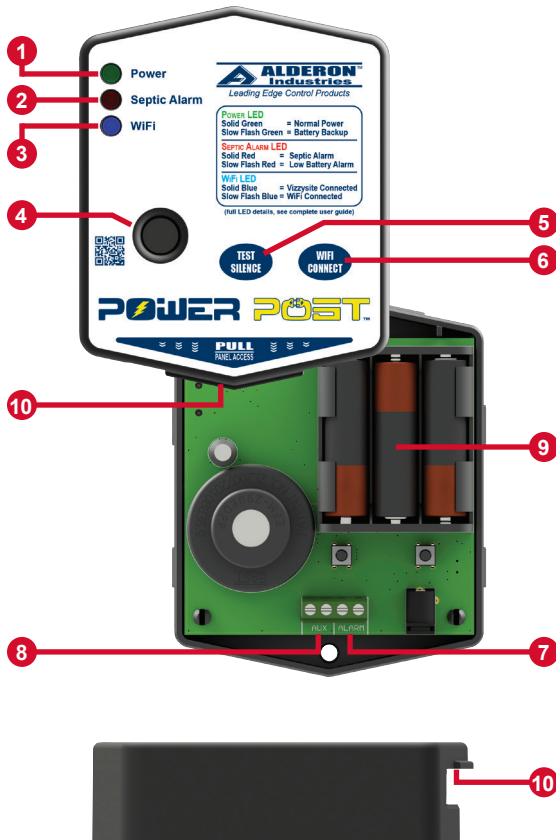


The Power Post™ 1-Zone WiFi Septic Alarm is an indoor rated alarm panel, powered by a standard 120VAC wall outlet. The green power LED will illuminate (solid) when powered. The Power Post™ septic alarm panel can only be used with and connected to an Alderon™ Power Post™ pump connection or monitoring system for remote alarm notification. Connect and register your wireless device to the Alderon™ cloud based Vizzy.Site™ to begin monitoring and receiving text and email alerts for system conditions.

The alarm panel is equipped with audible and visual alarm indication, activated by the Power Post™ system auxiliary contacts, alarm sensor(s), and/or the low battery alarm detection. Installing (3) AA batteries (not included) provides battery backup during power outages. Use the auxiliary contacts on the Power Post™ septic alarm panel to connect to building automation systems (BAS) and phone dialers. Multiple sensors (signaling device) can be connected for expanded monitoring.

An alarm condition occurs when the Power Post™ system auxiliary contacts or alarm sensor(s) are activated, during which the Power Post™ septic alarm panel red alarm LED will illuminate (solid), buzzer will annunciate (solid), and the auxiliary contacts will activate. The alarm condition of the Power Post™ septic alarm panel will stay on until the Power Post™ system auxiliary contacts or alarm sensor(s) are deactivated. If the test/silence pushbutton is pressed during an alarm condition, it will silence the buzzer while the alarm LED remains on (solid) with activated auxiliary contacts (alarm LED slow flash). The silence condition will reset when the Power Post™ system auxiliary contacts or alarm sensor(s) are deactivated and the Power Post™ septic alarm panel will auto reset for the next alarm cycle.

STANDARD FEATURES



(1) **Power LED** - A green LED illuminates (solid) on the front of the alarm panel to indicate the power is on.

(2) **Alarm LED** - During a septic alarm condition, the red alarm LED will illuminate (solid/slow flash) on the front of the alarm panel.

(3) **WiFi LED** - A blue LED illuminates (slow flash) when a WiFi connection is established and (solid) when connected to Vizzy.Site™.

(4) **Alarm Buzzer** - The alarm buzzer will annunciate (solid) in addition to the visual indication provided by the red septic alarm LED during an alarm condition.

(5) **Test/Silence Pushbutton** - Press to test the alarm; all LEDs should illuminate (quick flash) and buzzer should annunciate (quick pulse) after approximately 5-6 seconds. During an alarm condition, press to silence the buzzer.

(6) **WiFi Connect Pushbutton** - Press to select either WPS or HTTP mode and establish a WiFi connection to an IP address.

(7) **Power Post™ System Inputs** - Connect the Power Post™ system auxiliary contacts or alarm sensor(s) to the terminals on the Power Post™ septic alarm panel.

(8) **Auxiliary Contacts** - Interface with an external device including BAS systems and phone dialers. The normally open dry contacts can switch 30VDC, 700mA maximum (each).

(9) **Battery Backup** - Install (3) AA batteries (not included) for battery backup during power outages. The green power LED will illuminate (slow flash) during battery backup mode to conserve battery power.

(10) **Panel Access** - Pull the cover off to access the panel, includes an open wiring compartment to safely route wires while connecting sensors and auxiliary dry contacts.

SPECIFICATIONS

Power Post™ 1-Zone WiFi Septic Alarm, Panel Only



Primary Power
120VAC, 50/60 Hz

Circuit Board Primary Power
11.1VDC, 500mA maximum

Circuit Board Secondary Power
4.5VDC, (3) standard AA batteries
(battery backup; not included)

Field Connection Sensor
3-10VAC/DC, 10mA minimum
(signaling device)

Auxiliary Contacts
30VDC, 700mA maximum (each)
Normally Open

LEDs
Green (power), Red (alarm),
and Blue (Vizzy/WiFi)

Buzzer
85 dB @ 10-feet

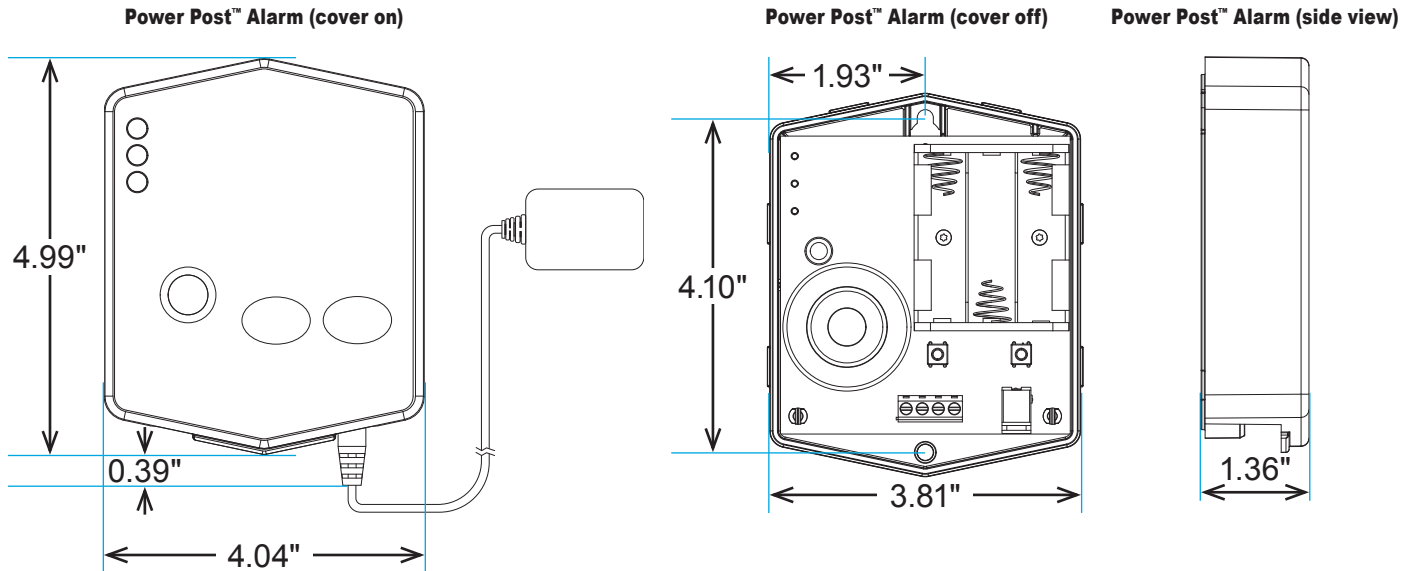
Wall-Mounted Power Supply
120VAC, 50/60 Hz (input)
11.1VDC, 500mA maximum (output)
(6-foot cord)

Enclosure
Thermoplastic
5 x 4 x 1.3 (inches)
Type 1, Indoor
Removable Cover

Certifications
CSA (US and Canada)
FCC Part 15 (US and Canada)

Three-Year Limited Warranty

MECHANICAL DRAWING



ORDERING INFORMATION

For a complete list of standard products with pricing, refer to the current year price sheet or visit alderonind.com for more information.

PART NUMBER	DESCRIPTION (Alarm Panel includes: Auto Reset, Battery Backup, and Auxiliary Contacts)
2009618	Power Post™ 1-Zone Indoor WiFi Septic Alarm (Alarm Panel Only)
POWER POST™ INDOOR ALARM ACCESSORIES EXPANDED APPLICATIONS	
2009642	WaterSpotter™ Flood Sensor, PWS Series, 15' Cable
2000519	Alarm Advisor™ Sump Sensor with Bracket (24VDC, 100mA maximum), 15' Cable, Stainless Steel Pipe Clamp