

DESCRIPTION OF OPERATION

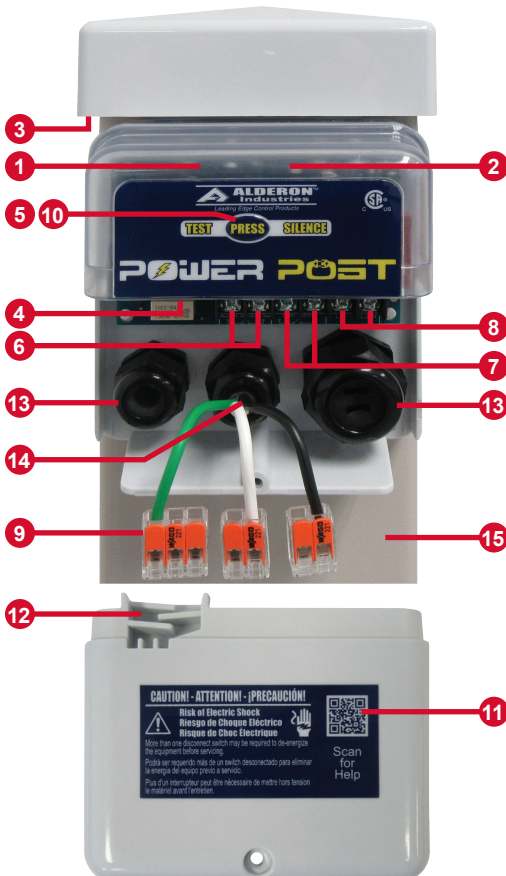


Use the Power Post™ to make a professional and safe connection for power and float switch wiring connections to your on-site septic system. The Power Post™ comes with a 42.5-inch post to install in the ground with the vented post cap, cable grips, and junction box all pre-installed to the post which eliminates a 4" x 4" wood post and the exposed wires. This system can be used for a wide variety of applications, including but not limited to: septic tanks, holding tanks, pump chambers, and water tanks. Available in 120VAC or 230VAC models.

The Power Post™ allows for a safe, clean, and quick installation of pump power, pump float switch, high level alarm float switch, and is equipped with audible and visual alarm indication. There are several float switch and accessory options.

When powered, the green LEDs will illuminate inside the top cover of the enclosure to indicate the unit is powered on. During an alarm condition, the red LEDs will illuminate, flashing and the buzzer will announce. The alarm condition will stay on until the alarm float switch is deactivated. If the test/silence pushbutton is pressed during an alarm condition, it will silence the buzzer and the red LEDs will stop flashing and remain solid. The silence condition will reset when the alarm float switch deactivates. If the alarm is in silence mode for longer than 24 hours, the alarm will reactivate.

STANDARD FEATURES



(1) **Power On Indicator** - Green LEDs illuminate the top cover of the enclosure to indicate the unit is powered on.

(2) **Alarm Beacon** - Red LEDs will illuminate, flashing inside the top cover of the enclosure

(3) **Vented Post Cap** - Allows airflow to prevent the build up of gases and condensation inside the post.

(4) **Alarm Buzzer** - Annunciates in addition to the visual indication provided by the red LEDs during an alarm condition.

(5) **Test/Silence Pushbutton** - This button is used to either test or silence the alarm. Testing will activate the alarm beacon and buzzer. During an alarm condition, it will silence the buzzer and the red LEDs will stop flashing and remain solid.

(6) **Auxiliary Contacts** - Interface with an external device. The contacts are rated for 24VDC at 0.5A maximum.

(7) **Sensor Input** - Terminals for the high level alarm float switch.

(8) **Alarm Power** - Terminals for L1 and N to install alarm power.

(9) **Wago Connectors** - Pre-installed to the female power receptacle to terminate the pump power connections.

(10) **Power Indicator Turn Off** - Press and hold the test/silence pushbutton for 15 seconds to turn off the green LEDs, repeat the process to turn on.

(11) **QR Code (not shown)** - Scan code for product information.

(12) **Sound Chamber** - Allows for maximum sound output from the alarm buzzer and protects from water intrusion.

(13) **Cable Grips** - Pre-installed, creates a liquid and gas tight strain relief connection when securely fastened.

(14) **Pump Power Receptacle (not shown)** - A female, 15A, pump power receptacle is pre-installed. Available in 120VAC or 230VAC models.

(15) **Post** - Provides wire routing access for system power and pump power while protecting from water intrusion.

SPECIFICATIONS

Power Post™ - Pump Connection Center

Pump Power

120VAC or 230VAC, 15A, 60 Hz
(voltage depends on model/part number)

Power Consumption

2.64 Watts maximum
(alarm condition)

Auxiliary Contacts

24VDC at 0.5 Amps maximum

Alarm Power

120VAC, 60 Hz

Certifications

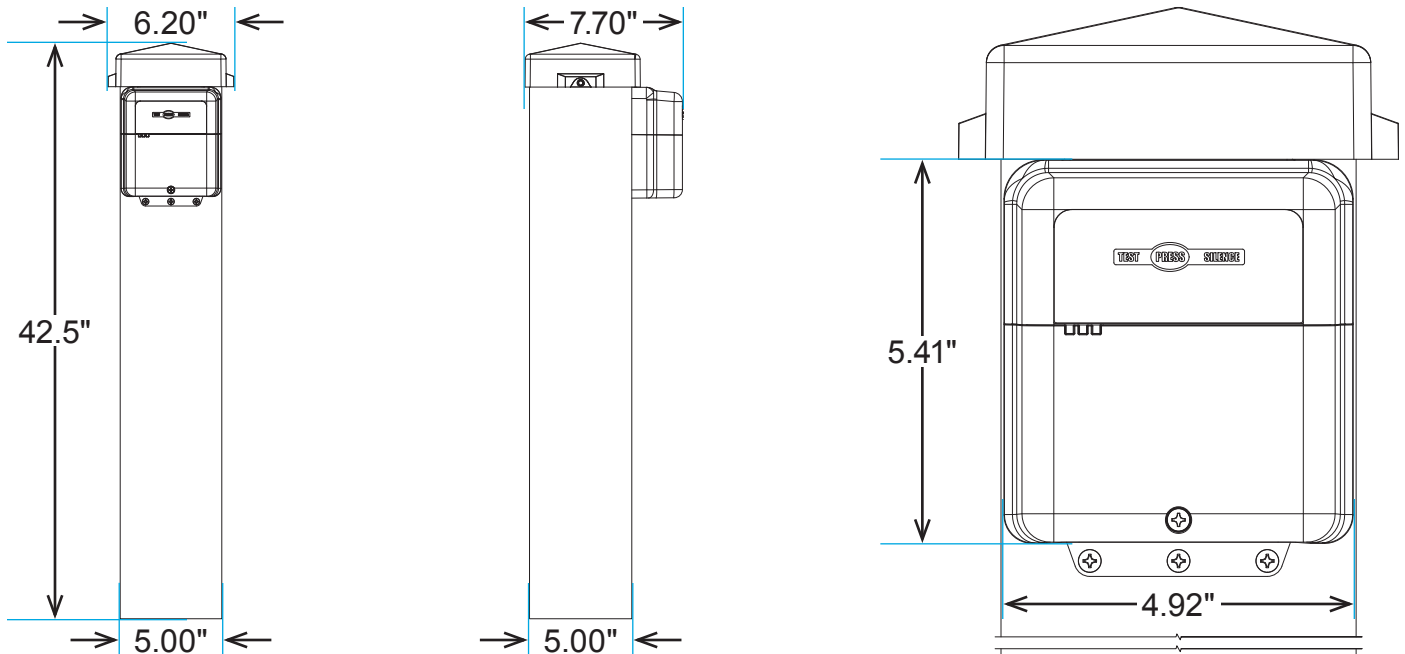
FCC Part 15 (US and Canada)
CSA (US and Canada)

Enclosure

Type 3R, Outdoor

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
2000246	Power Post™, 120VAC Pump Power, 20' Alarm Float, RubberLox™ Pipe Clamp
2000247	Power Post™, 120VAC Pump Power, 20' Alarm Float, 20' Pump Switch, RubberLox™ Pipe Clamps
2000248	Power Post™, 120VAC Pump Power (Power Post™ Only)
2000256	Power Post™, 120VAC Pump Power, 20' Alarm Float, RubberLox™ Pipe Clamp, 2.0" Riser Connection Kit
2000257	Power Post™, 120VAC Pump Power, 20' Alarm Float, 20' Pump Switch, RubberLox™ Pipe Clamps, 2.0" Riser Connection Kit
2000266	Power Post™, 230VAC Pump Power, 20' Alarm Float, RubberLox™ Pipe Clamp
2000267	Power Post™, 230VAC Pump Power, 20' Alarm Float, RubberLox™ Pipe Clamp, 2.0" Riser Connection Kit
2000269	Power Post™, 230VAC Pump Power (Power Post™ Only)
2000253	2.0" Riser Connection Kit with Grommet Seal
2000254	2.5" Riser Connection Kit with Grommet Seal