# Power Post™

**Pump Connection Center (standard) | Demand Dose, Integrated Alarm**

**PART/MODEL NUMBERS: SPPD SERIES** (PRPT-01 and PRPT-02)
**42.5-INCH POST | 15 AMP, 120/230VAC**

Alderon™ INDUSTRIES

TECHNICAL DATA SHEET

## DESCRIPTION OF OPERATION

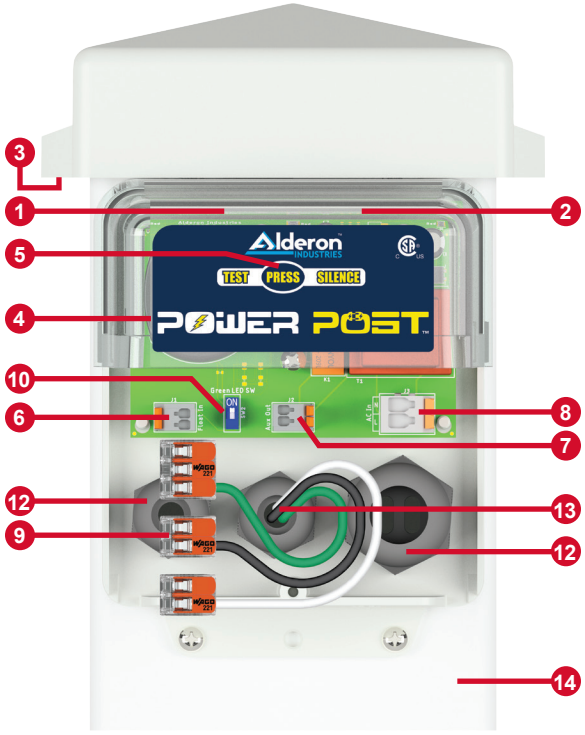



Use the Power Post™ to make a professional and safe connection for power and float switch wiring connections to your on-site septic system. The Power Post™ comes with a 42.5-inch post to install in the ground with the vented post cap, cable grips, and junction box all pre-installed to the post which 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 including an optional Power Post™ indoor alarm panel (standard or WiFi) for remote notification of alarm conditions.

When powered, the green LED 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 annunciate. 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 turn 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 power is 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 turn solid.

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

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

**(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** - Flip switch down to turn off green power LEDs. Reverse process to turn power indicators back on, flip switch up.

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

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

**(13) Pump Power Receptacle (not shown)** - A female, 15A, pump power receptacle is pre-installed. Available in 120VAC or 208/230VAC models.

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

# SPECIFICATIONS

## Power Post™ - Pump Connection Center

**Pump Power Receptacle**
120VAC or 208/230VAC, 15A, 60 Hz
*(voltage depends on model/part number)*

**Pump Power**
120VAC or 208/230VAC, 13A or 15A, 60 Hz
*(voltage/amps depends on model/part number)*

**Alarm Power**
120VAC, 60 Hz

**Power Consumption**
2.64 Watts maximum
*(alarm condition)*

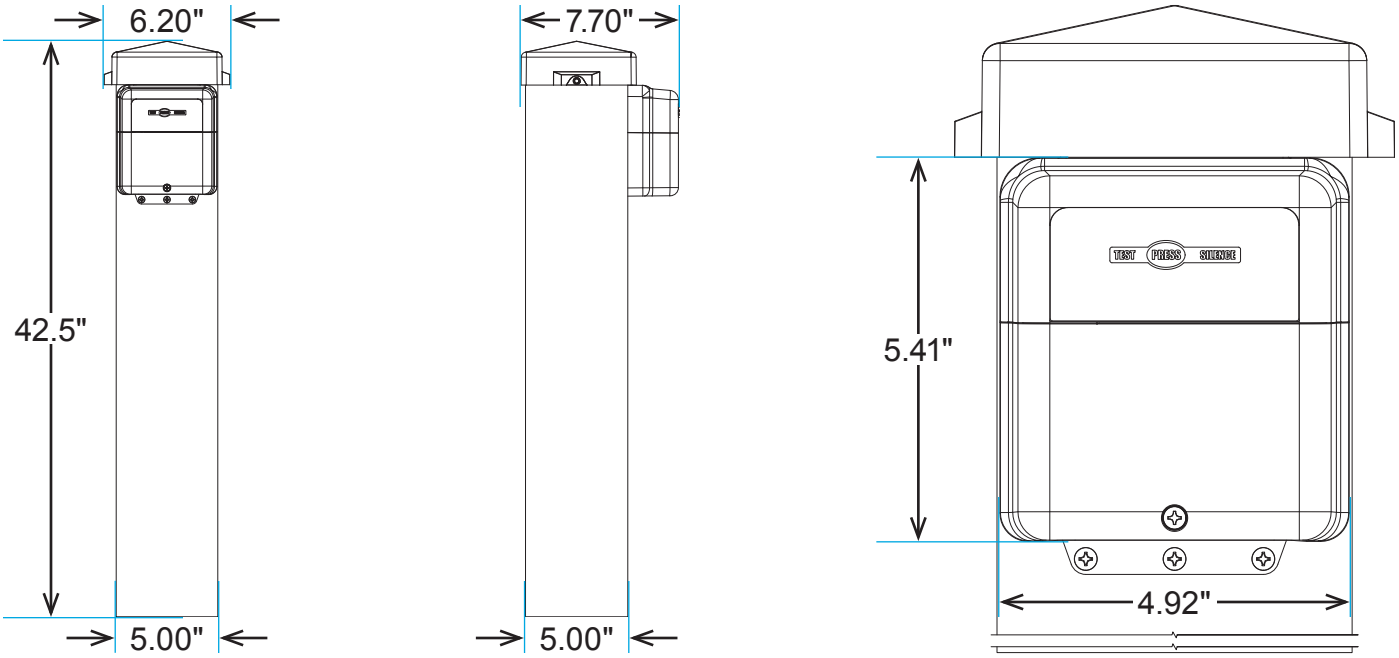
**Auxiliary Contacts**
24VDC at 0.5 Amps maximum

**Enclosure**
Type 3R, Outdoor

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

**Three-Year Limited Warranty**

# MECHANICAL DRAWING




# ORDERING INFORMATION

Scan QR code for more information on this product and website includes pricing.

**SPPD12231**
1 2 3 4 5 6

| Customized System Part Number: | | | | | |
|---|---|---|---|---|---|
| MODEL # BOX 1 | MODEL # BOX 2 | MODEL # BOX 3 | MODEL # BOX 4 | MODEL # BOX 5 | MODEL # BOX 6 |
| SPPD | | | | | |

| NUMBER | CATEGORY | TYPE / EXAMPLE |
|---|---|---|
| 1 | Base Model | SPPD = Power Post™ Standard, Demand Dose |
| 2 | Pump Voltage | 1 = 120VAC Pump<br>2 = 230VAC Pump |
| 3 | Remote Alarm Options | X = No Remote Alarm Option<br>1 = 1-Zone Indoor Alarm, Standard<br>2 = 1-Zone Indoor Alarm, WiFi |
| 4 | Alarm Sensor Options | 1 = 20' Alarm Float<br>2 = 20' Alarm Float and 20' Filter Switch |
| 5 | Pump Switch Options (piggyback plug models) | X = No Pump Switch Option<br>1 = 15A, 20' Narrow Angle Pump Switch<br>2 = 15A, 20' Wide Angle Pump Switch<br>3 = 15A, 20' DoubleMax™ 2-Float Pump Switch |
| 6 | Riser Kit and Access Panel Options | X = No Riser Kit or Access Panel Option<br>1 = 2.0" Riser Connection Kit<br>2 = 2.5" Riser Connection Kit<br>3 = No Riser Kit with Access Panel<br>4 = 2.0" Riser Connection Kit with Access Panel<br>5 = 2.5" Riser Connection Kit with Access Panel |