

Power Post™ 4X 2-Zone Pedestal

Pump Connection Center | Demand Dose, Integrated Alarm

36-INCH PEDESTAL | 15 AMP, 120/230VAC



Leading Edge Control Products

TECHNICAL DATA SHEET

DESCRIPTION OF OPERATION



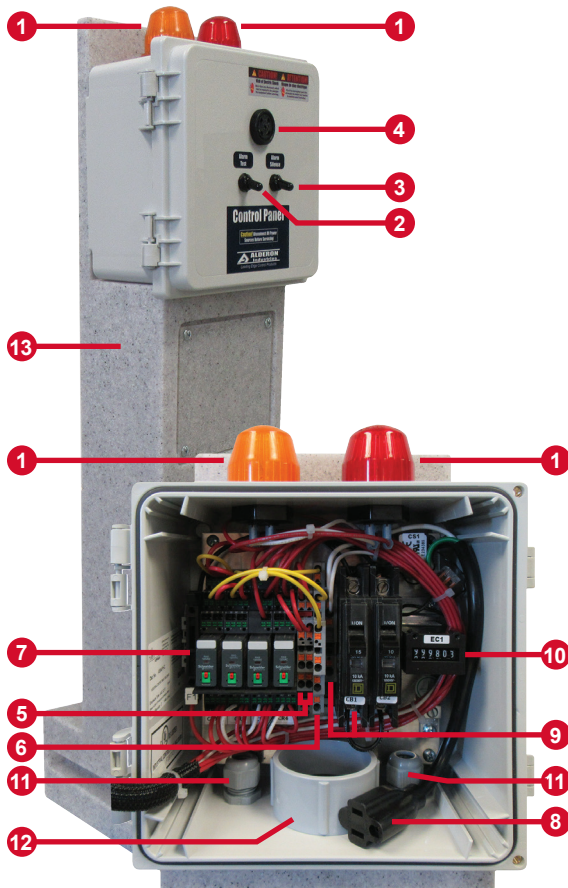
Use the Power Post™ 4X 2-Zone Pedestal to make a professional and safe connection for power and float switch wiring connections to your on-site septic system. The Power Post™ pedestal eliminates a 4" x 4" wood post and the exposed wires for a safe, clean, and quick installation. This system can be used for a wide variety of applications, including but not limited to: septic tanks, holding tanks, pump chambers, and water tanks. Available models include 120VAC and 230VAC, enclosure is rated Type 4X (outdoor).

The Power Post™ 4X 2-Zone Pedestal has an integrated outdoor alarm equipped with dual alarm beacons for effluent filter (amber) and high septic (red), buzzer, and alarm test/silence switches. During an alarm condition, the amber (zone-1) and/or red (zone-2) beacons will illuminate, buzzer will annunciate, and auxiliary contacts will activate. Lift the alarm silence switch upward to silence the buzzer during an alarm condition, alarm beacon(s) will remain on until the sensor for each zone is deactivated and the system automatically resets itself for the next alarm cycle.

The 36-inch pedestal has an easy reach access cover on the front and is installed with the bottom curved side snug against the riser wall (riser not included). Use the side cutouts to securely fasten the pedestal to the riser.

NOTE: If zone-1 is in an alarm condition and the buzzer is silenced, and then zone-2 goes into an alarm condition, the buzzer will reactivate until the silence switch is lifted upward a second time to acknowledge that a new alarm condition has occurred.

STANDARD FEATURES



(1) **Dual Alarm Beacons** - Polycarbonate alarm beacons are mounted on top of the enclosure. During an alarm condition in zone-1, the amber beacon will illuminate and for an alarm condition in zone-2, the red beacon will illuminate.

(2) **Alarm Test Switch** - Flip switch upward, the beacons should illuminate and buzzer should annunciate. Test weekly to ensure proper system operation.

(3) **Alarm Silence Switch** - During an alarm condition, flip the switch upward to silence the buzzer and the alarm beacon(s) will remain illuminated.

(4) **Alarm Buzzer** - Annunciates to indicate an alarm condition when the sensor (signaling device) for either or both zone-1 and/or zone-2 activates.

(5) **Sensor Terminals** - Terminals 3 and 4 are for zone-1 signaling device (filter switch). Terminals 1 and 2 are for zone-2 signaling device (float switch).

(6) **Auxiliary Contact Terminals** - Interface with external devices; BAS systems and phone dialers. Terminals 5 and 7 are for zone-1 auxiliary contacts and terminals 5 and 6 are for zone-2 auxiliary contacts; normally open, rated 120VAC, 5 Amps maximum.

(7) **Fuse** - Protects internal wiring, rated at 1 Amp, 250VAC maximum.

(8) **Pump Power Receptacle** - A female, 15A, pump power receptacle is pre-installed and wired to the pump power terminal blocks and/or optional circuit breaker with ground lug. Available in 120VAC or 230VAC models.

(9) **Incoming Pump/Alarm Power Terminal Blocks** - Incoming pump/alarm power line connections are wired to the bottom side of the terminal blocks and/or optional circuit breaker with ground wire terminated using the included ground lug.

(10) **Event Counter (Optional)** - Wired to pump power receptacle and pump power terminals using a current sensor to activate and track pump event counts.

(11) **Cable Grips** - Creates a liquid and gas tight strain relief connection for the alarm float switch, filter switch, and auxiliary wiring when securely fastened.

(12) **PVC Hub** - Rubber grommet with slits accepts the incoming alarm and pump power wiring, prevents gases from entering the enclosure when sealed properly.

(13) **Pedestal** - Provides wire routing access for system wiring while protecting from water intrusion. Curved design and cutouts to securely fasten to a riser.

SPECIFICATIONS

Power Post™ 4X 2-Zone Pedestal - Pump Connection Center | Demand Dose, Integrated Alarm



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

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

Alarm Power
120VAC, 50/60 Hz, 15 Watts

Alarm Fuse
1 Amp, fast acting type AGC
250VAC maximum, 5mm x 20mm

Alarm Beacons
10 Watt, Polycarbonate (amber and red)

Auxiliary Contacts
Normally Open
120VAC, 5A maximum
Single Pole, Single Throw
Zone-1 = Terminals 5 and 7
Zone-2 = Terminals 5 and 6

Field Connection Sensor
120VAC, 1A minimum
Single Pole, Single Throw
(signaling device)

Buzzer
120VAC, 95 dB @ 2-feet

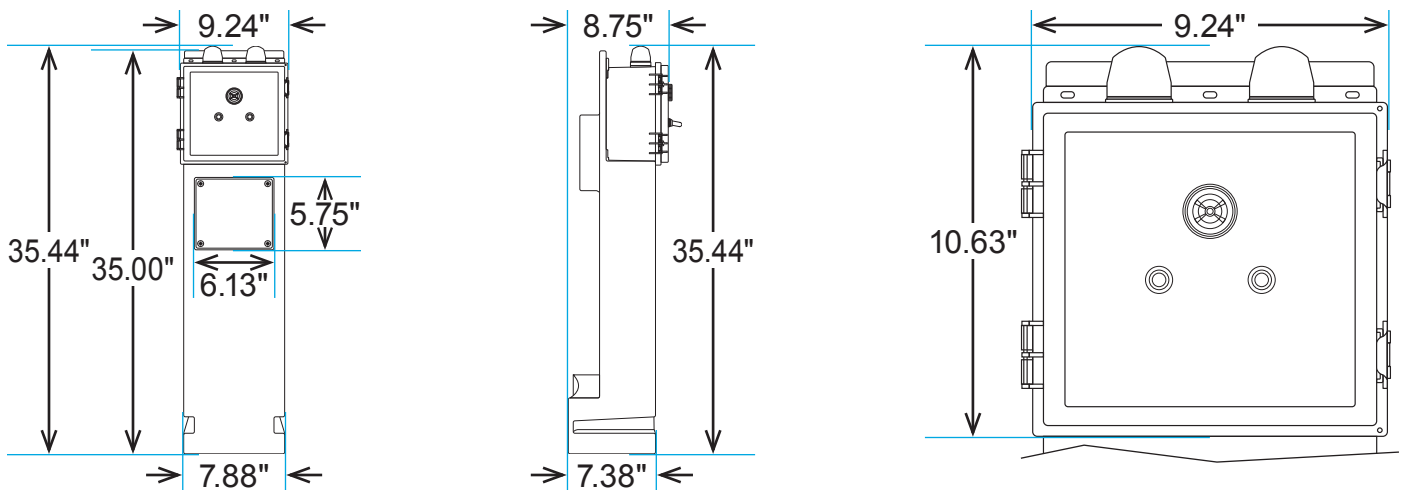
Enclosure
Thermoplastic
8 x 8 x 4 (inches)
Type 4X, Outdoor
Lockable Latches

Pedestal Material
Polyethylene

Certifications
UL 508 (US and Canada)

Three-Year Limited Warranty

MECHANICAL DRAWING



ORDERING INFORMATION

PED2Z112521

1 2 3 4 5 6 7

Customized Model Number:

MODEL # BOX 1	MODEL # BOX 2	MODEL # BOX 3	MODEL # BOX 4	MODEL # BOX 5	MODEL # BOX 6	MODEL # BOX 7
PED2Z						

NUMBER	CATEGORY	TYPE / EXAMPLE
1	Base Model	PED2Z = Power Post™ 4X 2-Zone Pedestal, Demand Dose, Outdoor Alarm
2	Pump Voltage	1 = 120VAC Pump 2 = 230VAC Pump
3	Circuit Breaker	0 = No Circuit Breaker Option 1 = Pump Circuit Breaker 2 = Pump and Alarm Circuit Breakers
4	Alarm Options	X = No Alarm Option 1 = 15' Alarm Float 2 = 20' Alarm Float 3 = 15' Alarm Float and 15' Filter Switch 4 = 20' Alarm Float and 20' Filter Switch
5	Pump Switch Options (piggyback plug models) Only choose one (1) option X, 13A switch, or 15A switch	X = No Pump Switch Option 1C = 13 Amp, 15' Medium Angle Pump Switch 2C = 13 Amp, 15' Wide Angle Pump Switch 4C = 13 Amp, 20' Medium Angle Pump Switch 5C = 13 Amp, 20' Wide Angle Pump Switch X = No Pump Switch Option 1B = 15 Amp, 15' Medium Angle Pump Switch 2B = 15 Amp, 15' Wide Angle Pump Switch 3B = 15 Amp, 15' DoubleMax™ 2-Float Pump Switch 4B = 15 Amp, 20' Medium Angle Pump Switch 5B = 15 Amp, 20' Wide Angle Pump Switch 6B = 15 Amp, 20' DoubleMax™ 2-Float Pump Switch
6	Riser Kit Options	X = No Riser Kit Option 1 = 2.0" Riser Connection Kit 2 = 2.5" Riser Connection Kit
7	Extra Options	X = No Extra Option 1 = Event Counter 2 = Pump Run Indicator 3 = Event Counter and Pump Run Indicator 5 = Elapsed Time Meter 6 = Elapsed Time Meter and Pump Run Indicator 7 = Elapsed Time Meter/Event Counter 8 = Elapsed Time Meter/Event Counter and Pump Run Indicator