



“Observer 100” Series Pedestal Alarm



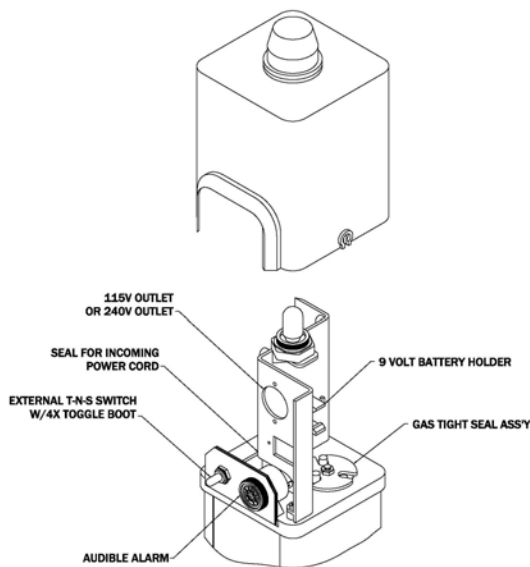
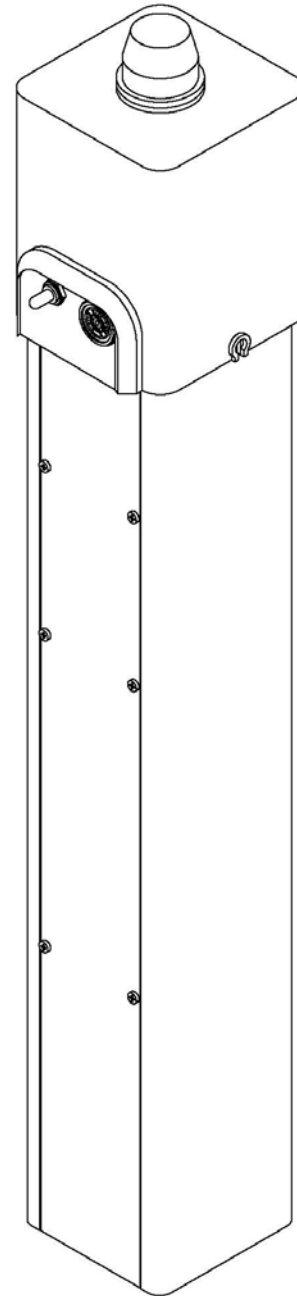
1. Observe National Electric Code, ANSI/NFPA 70, when installing this unit to prevent moisture buildup. SPI is not responsible for damage or injury resulting from improper installation procedure.
2. Turn off power.
3. Run two power supplies with independent breakers to the panel such that a fault in the pump circuit will not affect the power to the alarm circuit. Note that the alarm circuit is a 115 VAC only circuit. However, the pump circuit may be wired for 230 or 115 VAC depending on the model. Your panel will include a plug-in pump receptacle that is designed for the voltage you specify.
4. Remove the access plate from the pedestal. It is secured with 6 screws.
5. Optionally, you may drill an hole in the side of the pedestal for wires. SPI recommends using a 2" x 3.5" threaded conduit fitting and threaded connectors. Use standard plumbing fixtures to ensure best seal.
6. Bury the pedestal at least 24" deep to ensure that it is properly secured
7. Remove the top cover from the control panel. Unscrew the two screws at the bottom of the enclosure. With the screws removed, the top may be pulled off.
8. Bring power lines through the pedestal and through the oval shaped rubber seal on the enclosure. Use a screwdriver to pry open the holes in the seal if necessary. If you will be using a remote alarm, run the wires through the same seal and attach them to the auxiliary contacts.
9. Attach pump power lines to the outlet receptacle with wire nuts.
10. Attach the 115 VAC power lines to the alarm circuit using the provided terminal block.
11. Remove the circular rubber seal. Feed the pump, alarm float switch, and pump float switch cords through the opening.
12. Insert the rubber seal with cords positioned in the openings of the seal and washers. If you only need one float, use the included plugs to seal the unused cord position.
13. If you are using a “piggyback” pump float switch, plug the float switch into the pump power receptacle. The pump should then plug into the float switch. If the float switch is built into the pump, you may simply plug in the pump.
14. Install 9 volt battery for back-up alarm power using the provided connector on the outlet side.
15. Turn the power on and use the test switch to test the alarm. The buzzer and alarm light should turn on. Test the pump by lifting the float switch. The pump should switch on and switch off when the float is lowered.
16. Cut the access cover such that the pedestal is covered from panel to ground with an additional 2 inches below ground. Score the cover with a knife then snap off the excess.
17. Secure the access cover with the screws that were removed in step 4.



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Features & Benefits

- NEMA 3R Thermoplastic Enclosure
- Available with 115V or 230V Outlet
- Large 360° Red Alarm Lens
- Audible Horn rated 85db @ 10'
- Standard External Test-Normal-Silence Switch
- Available with Over Current Protection
- Available Remote Alarm
- Automatic Alarm Reset
- Auxiliary Dry Contacts
- 9 volt Battery Back-up
- Quick Connect Block for Alarm Float
- Includes 15' Mechanical Alarm Float & mounting tie strap
- Two Year Limited Warranty
- Available in both High Water & Low Level Alarm versions
- Completely Removable Front Access Cover



*Note: Consult the factory for other available options.