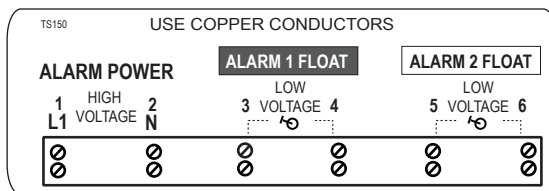


# 120V • Exterior Holding Tank Alarms

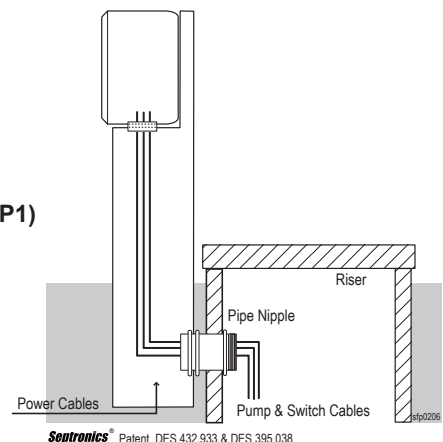
- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>⚠ Do not use in Hazardous Locations</li> <li>⚠ Disconnect power before product installation or maintenance.</li> <li>⚠ Only switches listed for use with septic systems may be connected.</li> </ul> | <ul style="list-style-type: none"> <li>⚠ Pump Power and Alarm Power must be on separate circuit breakers.</li> <li>⚠ Install this product in accordance with National Electrical Codes, Plumbing Regulations and Local Codes.</li> </ul> |
|---|--|

## TS150 INSTALLATION GUIDE

1. Turn off power to basin or chamber.
2. Run power line (14-2 or larger) with ground to from building circuit breaker to pedestal.
3. Drill a hole for pipe nipple on the lower backside of pedestal. Once back filled, approximately half of the pedestal is exposed above grade.
4. Remove pedestal access door. Draw power line up through the pedestal bottom and through the small hole into junction box.
5. Insert the pipe nipple through pedestal & riser using locknuts provided. **(Fig. P1)**
6. Draw alarm switch cords through pipe nipple and up into junction box.
7. Attach power line to screws 1 and 2. (L1 – Hot) (N – Neutral) **(Fig. TSD)**
8. Attach Alarm Switch One (Pump Switch) to screws **3 & 4**.
9. Attach Alarm Switch Two (Filter) to screws **5 & 6**.
10. Seal well around cable to deter gasses from entering junction box.
11. Turn on power to pedestal at circuit breaker panel.
12. Test each alarm by lifting corresponding alarm switches. Alarm will sound. Press Alarm Test. Alarm will sound.
13. Write your company name, your name, and phone number inside panel door.
14. Leave warranty information, and instruction sheets with owner for proper usage, specifications.



**(Fig. TSD)**



## TROUBLESHOOTING TIPS FOR TS150 UNITS

TROUBLE	PROBABLE CAUSE	REMEDY
Common Alarm light does not work	1. Light bulb is burned out.	1. Replace light bulb.
Alarm horn does not sound	1. Check alarm test. 2. Horn is defective. 3. Unit is not plugged in. 4. Wires removed from disconnect terminals.	1. Check circuit breaker. 2. Return if under warranty. 3. Plug unit into outlet. 4. Check terminals and disconnects.
Alarm always sounds	1. Switch slipped down pipe. 2. System could be frozen. Water is not being dispersed from chamber. 3. Pump not functioning. 4. Moisture in wires creating short, nicked insulation, pinched wires	1. Readjust and tighten pipe clamp. 2. Check system. 3. Troubleshoot pump. 4. Check power lines & low voltage alarm line.

### Note:

1. Check out alarm function by using a short length of covered wire to act as a jumper. Check the alarm feature by using covered wire to jump across screws 3 & 4 and/or 5 & 6.
2. A small volt meter with a continuity check feature will be helpful in finding probable causes.