



## Heatizon Systems Roof Alarm Instruction

Heatizon Systems' Roof Alarm is used to check for continuity between the Heatizon heating element and Ground or any metal in the proximity of the heating element. The Roof Alarm has a sonalert that will sound whenever continuity exists between the two Roof Alarm leads.

**Step 1. Test Roof Alarm.** Open the Roof Alarm by unscrewing the four screws on the top cover. Insure that both leads are connected to the battery terminals. Then, test the Roof Alarm by touching the two leads together. If the alarm sounds, replace the cover and screws and proceed to Step 2. If there is no audible sound from the alarm, replace the battery. If, after replacing the battery, the alarm still does not sound when the leads are touched together, please contact Heatizon Systems to troubleshoot, or to purchase a new Roof Alarm.

**Step 2. Instructions.** Connect one lead clip to any metal on or near the roof, and connect the other lead clip to the interior copper wire of the Tuff Cable Heating Element (not the outer insulation) to the ZMesh Heating Element, or to the interior copper wire of one of the Cold Leads (not the outer insulation) which is connected to the heating element.

In the event continuity occurs between the metal and ZMesh, Tuff Cable, or Cold Lead, the alarm should sound. Immediately STOP! Eliminate and repair the cause of the short and correct continuity before proceeding.

The Roof Alarm should continue to be utilized *during the entire process* while installing the heating element, as well as during the installation of all other materials that are over, under or in the proximity of the heating element. Taking the precaution of using the Roof Alarm during the entire installation process will save time and money by preventing and identifying costly installation errors.



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