

TROUBLE-SHOOTING PROCEDURES

WARNING: HIGH VOLTAGE PRESENT! TROUBLE-SHOOTING PROCEDURES AND MEASUREMENTS MUST BE PERFORMED WITH THE SYSTEM ENERGIZED AND THE COVERS REMOVED. ALWAYS MAKE CERTAIN THAT THE PERSON PERFORMING THESE PROCEDURES IS FAMILIAR WITH SAFE PRACTICES REQUIRED FOR WORKING WITH HIGH VOLTAGE EQUIPMENT. A QUALIFIED TECHNICIAN OR ELECTRICIAN SHOULD PERFORM THE FOLLOWING PROCEDURES!

NOTE: Always turn power off prior to removing or reinstalling covers.

NOTE: Never install or reinstall the Control Board with the primary power in the "ON" position.

NOTE: Prior to trouble-shooting the system, check for obvious problems such as loose connections, cut or broken wires, etc.

IF FLOORIZWARM UNIT DOES NOT HEAT FLOOR:

1. There is no power in the Floorizwarm Power Unit:

- Turn circuit breaker to the "off" position. Check for proper power connection to the control unit.
- Turn circuit breaker to the "off" position. Check all connections in control unit.
- Check that the 20 amp circuit breaker panel is in the "on" position.

2. There is power in the Floorizwarm Power Unit:

- Check the fuse in the Floorizwarm Power Unit.
- Check that the Thermostat is wired properly.
- Check that the Thermostat is programmed correctly and is calling for heat.
- Push the GFI reset on the Thermostat.
- Check for 120 VAC on relay coil across pin 0 and 1.
- Check for 120 VAC on primary of Transformer.
- Check for proper voltage on secondary of Transformer.
- Using a clamp on Amp meter, check for current in the heating element. If not amperage is present, turn the circuit breaker to the Power Unit to the "off" position, disconnect the Cold Lead from the Transformer, and check for continuity of the Floorizwarm Heating Element.

Note: Prior to returning anything to Heatizon Systems, 4403 South 500 West, Murray, UT 84123, call (801) 293-1232 for a Return Materials Authorization form.