

Trouble Shooting Guideline GlasCraft L.V. (Low Voltage) Hose Heat

Control Circuit:

- 1) Heat Control display lights up? _____
 If not: control power turned on? _____
 power supply correct? _____
- 2) Output light turns on at high set point? Off at low set point? _____
 If not: suspect Controller (test with alternate controller or replace unit) _____

Solid State Relay (SSR) Circuit:

- 1) Output connections clean and tight? _____
 If not: clean a/o tighten _____
- 2) SSR energizes on controller high set point? _____
 (note: SSR light turns on at high setpoint and off at low setpoint
 following a 5-10 sec. reaction time)
 If not: confirm input voltage _____
 confirm output continuity _____

Transformer:

- 1) Confirm correct voltage tap selection _____
 If not: Adjust as required _____
- 2) Confirm input voltage when SSR on? _____
- 3) Confirm output voltage for each output tap? _____
 If not: use alternate voltage tap c/w adjusted hose length
 or replace transformer _____

Hose Circuit:

- 1) Output fuse (63A) Ok? _____
 If not: replace _____
- 2) Hose continuity Ok? (test side A separate from Side B) _____
 Note: Test under both static & dynamic (moving) conditions to locate
 intermittent contact hose windings.
 If not: test length by length until failed section located/repared/replaced _____
- 3) Does side A resistance match side B? _____
 If not: isolate/repair/replace damaged section _____
- 4) Are all twist lock/push fittings clean and firmly connected? _____
 If not: clean and reconnect _____
- 5) Load test functioning hose. Does amperage draw match voltage and hose
 length calculation? _____