

**TROUBLESHOOTING THE TV2  
GROZONE – MULTIMODE FAN SPEED CONTROLLER  
Procedure Name: TV2-V2**

**1 – BEFORE YOU START**

**\*IMPORTANT: READ AND FOLLOW THESE INSTRUCTIONS BEFORE STARTING THE TEST.**

- ❖ DO NOT CONNECT THE UNIT BEFORE STEP 1 OF THE TEST.
- ❖ CONNECT A FAN IN THE FRONT UNIT OUTLET.
- ❖ LIGHTNING CONDITION: perform this test in a room with enough light for the controller to detect a DAY condition.
- ❖ TEMPERATURE: perform this test in a room where ambient temperature is between 65°F and 80°F (18°C and 28°C).

**NOTE:** if the room temperature is above 80°F, you must fill a glass with cold water, needed in step 6.

- ❖ Definitions : CW : Clockwise  
CCW : Counterclockwise

**2 – TEST**

STEP	HANDLING AND TEST DESCRIPTION	EXPECTED RESULTS
1	<ul style="list-style-type: none"> <li>❖ Plug the unit into the power outlet</li> <li>❖ Turn UPPER knob fully CCW (55°F).</li> <li>❖ Turn LOWER knob fully CW (Idle mode).</li> </ul>	The fan will turn ON at <u>100% INTENSITY.</u>
2	<ul style="list-style-type: none"> <li>❖ Turn UPPER knob fully CW (Set Idle).</li> </ul>	The fan will drop at 60% INTENSITY (dimmer effect).
3	<ul style="list-style-type: none"> <li>❖ Turn LOWER knob fully CCW.</li> </ul>	The fan will drop as low as 25% INTENSITY (larger dimmer effect).
4	<ul style="list-style-type: none"> <li>❖ Turn LOWER knob fully CW.</li> <li>❖ Turn UPPER knob slightly CCW to set the knob line between 90°F and 95°F.</li> </ul>	The fan will return to 60% INTENSITY (dimmer effect).
5	<ul style="list-style-type: none"> <li>❖ Cover the <b>Light Sensor</b> completely with the palm of your hand or black electrical tape (a single finger will NOT cover the sensor appropriately)</li> </ul>	The fan will turn OFF after 6-8 seconds, the test is then complete. <u>IF the fan DOES NOT turn OFF, go to STEP 6.</u>
6	<ul style="list-style-type: none"> <li>❖ While maintaining the light sensor COVERED, put the temperature sensor in a glass of cold water.</li> </ul>	The fan will turn OFF after 6-8 seconds, the test is then complete.