



BARTLETT Instrument Company

Are Your Heaters Coming On In The Wrong Sequence?

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Is your greenhouse equipment not coming on when you expect it to? While it may be an issue with wiring or something else, it may be something as simple as a few settings being incorrect on the controller. The easiest way to troubleshoot this problem is to check what the controller thinks it should be doing.

If the step sizes are set incorrectly, you may have one set of heaters come on first when you actually want that to be your 2nd heating option. Checking the step sizes for both Heat 1 and Heat 2 will tell you pretty quickly if the problem lies with the settings on the controller.

To check the Heat 1 and Heat 2 settings on the controller:

- Press the HEAT 1 button. "HT 1" will alternate with either ON, OFF, or AUTO. HEAT 1 should be set to AUTO.
- Press ENTER. "HT 1" will then alternate with the step size for the Heat 1 equipment.
- Press ENTER and the controller will return to idle.
- Next, repeat the process for Heat 2. If Heat 2's step size is lower than Heat 1's, that's your problem and the reason your Heat 2 equipment is coming on before your Heat 1 equipment.
- To fix the problem, change Heat 1's set point so it is lower than Heat 2's. Enter the number of degrees below the set point you want your first stage of heating to come on.
 - Example: Your set point for the greenhouse is 77 degrees. The first stage of heating should come on at 74 degrees. Type in 3 for the step size for

Heat 1. The second stage of heating should come on at 72 degrees. Enter 5 for the step size for Heat 2.

Need help programming your controller so your equipment comes on when you want? Give us a call and our tech can walk you through it!

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