

Pre-programmed at factory? Yes No

Appendix F: Humidistat Calibration

The enclosed humidity probe needs to be calibrated before proper monitoring of humidity levels can occur. The following steps describe how to properly calibrate the humidity probe. Following the calibration information are steps for fine-tuning the humidity probe to provide for additional environmental concerns by the operator, if any are present.

Notes

- Proper calibration provides a ± 2 percent accuracy on reading humidity levels.
- After 15 seconds without a key press, the GHK12X2 will return to normal operation without saving the calibration data.
- Once entered, the calibration data remains until changed.
- Different humidity probes may have different calibration codes.
- Altering the calibration code value could invalidate readings. See below.

CALIBRATION CODE

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The numbers above are the calibration code. This is the value entered when the calibration code is requested below. The calibration code is also located on the label inside the humidity sensor casing.

STEP	KEY PRESS	DISPLAY	COMMENTS
1	MENU	rSEt	If rSEt does not appear, press menu until rSEt appears in the display
2	4, 4, 5	XXXX	The display should read four numbers. These values are most likely all zero for a new controller
3	Number Keys	CALIBRATION CODE	Press the number keys to enter the above calibration code
4	ENTER	Operating Display	Calibration data for humidity probe entered and stored
5	N/A	Operating Display	Attach humidity probe as described under installation

In order to fine-tune the humidity probe, the above steps may be utilized while changing the last two digits of the calibration code. In general, changing the value by +5 will cause a 2% drop in humidity readings and a -5 change will cause a 2% rise in humidity readings.

For Example, if the calibration code is 6550 and a 4% drop in humidity readings is desired, then reentering the calibration data with a calibration code of 6560 will approximate this.

If modified, the humidity should be closely monitored to ensure proper humidity readings

Changing the first two digits of the calibration code will cause erroneous readings by the probe and will invalidate all humidity readings.