



OPEN ELEMENT IAT SETTINGS

Thank you for using the open element air temperature sensor from MS Labs. To calibrate the sensor for your ECU:



1. Open your project
2. Go online
3. Click Tools → Calibrate Thermistor Tables
4. Select Air Temperature Sensor
5. Select 3 Point Therm Generator
6. From the “Common Sensor Values” list, select the “empty” option that faintly reads “Select a Common Sensor”.
7. Input 2490 in the “Bias Resistor Value” box.
8. Select Celcius (even if you are going to use Fahrenheit later on in your project).
9. Input the values as shown below and then click Write to controller.

A screenshot of a software dialog box titled "Calibrate Thermistor Tables...". The dialog has a dark background and contains several sections:

- Sensor Table:** A dropdown menu set to "Air Temperature Sensor".
- Table Input Solution:** A dropdown menu set to "3 Point Therm Generator".
- Thermistor Measurements:** A dropdown menu for "Common Sensor Values" showing "Select a Common Sensor".
- Bias Resistor Value (Ohms):** A text input field containing "2490.0".
- Temperature Units:** Two radio buttons, "Fahrenheit" (unselected) and "Celsius" (selected).
- Calibration Table:** A table with two columns: "Temperature(°C)" and "Resistance (Ohms)".

Temperature(°C)	Resistance (Ohms)
20.0	2350.0
50.0	800.0
80.0	340.0
- Buttons:** "Write to Controller" and "Close".