Setup Manual

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My Username:_____   My Password:_____

Purchase Equipment

To begin the setup process, first the scope of the usage must be decided. This includes The number of rooms/building you would like to maintain. Once you have decided how many rooms and or buildings you would like to monitor, you must decide how many nodes per room you would like to use. This number is completely up to you, but we recommend at least 4 nodes for a large room. With this information, we will add your account into the system and add your rooms to your account. Expect a username and password to be provided to you

- Number of rooms
- Nodes per room

Cost
- $30 per node
- $50 per year annual data monitoring fee

Set up your hardware

Now you have your nodes and are ready to set the up. For first time use, plug the node into a power source and temporarily connect a display to the node for setup purposes. The node will boot up and automatically run its own setup scripts. However, it may need credentials to connect to your in home WiFi. Without internet access, your data cannot be tracked and analysed for your benefit. Once the setup script finishes and the device is on the internet, you're almost ready. The setup will output a serial number. You will need this to setup the web application to connect the node later, so write it down. The last page of this document has space for you to document your node information.

- Plug node in
- Power on and allow to boot
- Connect to Wifi
- Document displayed serial number on last page of this document

Place your nodes in your room for best results

Nodes should be placed evenly throughout the area that is being tracked. For best results, cover every corner of the room while leaving an even gap between each node. Remember not to put some nodes too far or too close relative to the average distance between nodes. Do not put nodes all the way in a corner, this traps heat and humidity. Do not place directly next to windows due to outside influence. Do not place nodes directly in the flow of air from any type of vent. This includes heat vents, cold air returns, and air conditioning. Do not place near any humidifying units. Do not place near any heat or cold source such as a furnace, air conditioner, fireplace, candle, etc. Keep the nodes indoor, they are not designed to withstand the outside elements.

- Even spread across room
- Away from heat/cold sources
- Away from humidity sources
- Keep indoors

Registering your device

To add the nodes to the proper room, navigate to https://www.roomtemp.net/. Upon loading, enter the username and password that was provided to you. From here, navigate to either the Heat Map or the Humidity Map. From here, you will be asked to select the room you want to see and customize. Once this page loads, you will be presented with a box that you will use to create your heat and humidity maps. First, on the left you can choose a file to upload. This will either be a jpeg or a png file that represents the layout of the room. Once selected, click upload. If the picture does not automatically display in the box, refresh the page, or hit Shift + F5 on your keyboard. Now you're ready to add your nodes. For every node that you have placed in the room you're setting up, simply click add node, then enter the serial number in the dialog box that appears. This serial number was given to you during the bootup of the nodes when you powered them on. If you've lost this information, you can run through "Setup your hardware" again. Once the node is added, simply drag the new node icon to the correct location in the room. You're all set! If the serial number was correct and the node is connected to WiFi, the heat or humidity map below should light up indicating the readings from that node. Repeat this node adding process as needed.

- https://www.roomtemp.net/
- Login
- Navigate to Heat Map / Humidity Map
- Select Room
- Upload image and refresh page (Shift + F5)
- Add Node
    - Enter serial number
    - Drag and drop to correct location

Personal Node Documentation

Node Name (optional for your own usage)	Serial Number (required for setup)	Room / Building Name	Location within Room / Building