Vidal Solutions Sensor Data Report

AM103-Sensor_4

1. CO2 emissions Trend Analysis:

The trend in CO2 emissions shows a slight increase throughout the day, with readings ranging from 604ppm to 893ppm. The highest reading of 893ppm was recorded at 12:48 PM and the lowest reading of 604ppm was recorded at 10:58 AM. However, all CO2 readings are within the amber range (600 to 800 ppm), indicating that there is a moderate level of CO2 emission in the living room.

2. Temperature Trend Analysis:

The temperature trend shows a slight increase throughout the day, with temperatures ranging from 22.5°C to 24.5°C. The highest temperature reading of 24.5°C was recorded at 7:08 PM and the lowest temperature reading of 22.5°C was recorded at 3:18 AM. All temperature readings are within the green range (below 25.5°C), indicating that the living room temperature is generally comfortable.

3. Humidity Trend Analysis:

The humidity trend shows a slight decrease throughout the day, with readings ranging from 76% to 81.5%. The highest humidity reading of 81.5% was recorded at 2:08 PM and the lowest humidity reading of 76% was recorded at 4:38 AM. All humidity readings are within the amber range (60 to 65 percentage), indicating that there is a moderate level of humidity in the living room.

4. Conclusion:

The CO2, temperature and humidity levels in the living room have been generally stable throughout the day with no significant deviations from the green, amber or red threshold ranges. However, it's worth noting that the CO2 emissions have been consistently within the amber range which could indicate a potential issue if these levels persist over an extended period of time.

5. Recommendation:

Given the trend in CO2 emissions and considering they are consistently within the amber range, it would be recommended to investigate the source of this emission and consider implementing measures to reduce it where possible. This could include improving ventilation or identifying any potential sources of high CO2 output such as cooking appliances or certain household plants. Additionally, regular monitoring of these levels can help identify any trends or patterns that may indicate a need for further action.