

# WHAT DOES ARANET4 MEASURE?

Aranet4 monitor is a wireless, portable device for measuring the air quality anywhere you are.



## Aranet4 Measures:

### CO<sub>2</sub> LEVELS<sup>1</sup>

**420 ppm** – fresh outdoor air

**Below 1000 ppm** – optimal CO<sub>2</sub> level indoors

**1000 ppm to 1400 ppm** – brain cognitive function decreases by 15 %

**Above 1400 ppm** – brain cognitive function decreases by 50 %

CO<sub>2</sub> levels are expressed in ppm or parts per million.

### TEMPERATURE<sup>2</sup>

The optimal indoor temperature ranges from 18 to 24 °C / 64 to 75 °F.

### RELATIVE HUMIDITY<sup>3</sup>

The ideal relative humidity level is between 30 % to 50 % indoors. A dry environment (< 30 %) can cause dry and irritated skin, while high humidity (> 50 %) combined with high temperature breeds bacteria and mold.

## What is Aranet4 Used For?

The Aranet4 air quality monitor can help you keep the indoor air healthy. Good air quality helps people maintain their general well-being, comfort, and productivity.

Additionally, CO<sub>2</sub> monitoring helps to prevent COVID-19 spread, as CO<sub>2</sub> level is a good proxy for COVID-19 infection risk. CO<sub>2</sub> is a gas produced when we exhale, so its concentration can be a good indicator of insufficient ventilation<sup>4</sup>, as well as aerosols and virus particles potentially lingering in the air.

Whether it's for your general well-being or protection against COVID-19, Aranet4 will warn you when you need to ventilate and help you stay healthy.

<sup>1</sup> [aranet4.com/HarvardStudyCO2](https://aranet4.com/HarvardStudyCO2)

<sup>2</sup> [aranet4.com/WHOtemperatureGuidelines](https://aranet4.com/WHOtemperatureGuidelines)

<sup>3</sup> [aranet4.com/EPAHumidityGuidelines](https://aranet4.com/EPAHumidityGuidelines)

<sup>4</sup> [tinyurl.com/FAQ-aerosols](https://tinyurl.com/FAQ-aerosols)

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