What does Aranet4 Measure?

aranet

The Aranet4 monitor is a wireless, portable device for measuring air quality.

Aranet4 Measures:

CO_2 Levels[1]
420 ppm – fresh outdoor air
Below 1000 ppm – optimal CO_2 level indoors
1000 ppm to 1400 ppm – cognitive function decreases by 15 %
Above 1400 ppm – cognitive function decreases by 50 %
- CO_2 levels are expressed in parts per million (ppm)

Temperature[2]
The optimal indoor temperature ranges from 18 to 24 °C / 64 to 75 °F.

Relative Humidity[3]
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 the Aranet4 Used For?

The Aranet4 air quality monitor tracks indoor air levels. Good air quality helps people maintain their general well-being, comfort, and productivity.

Additionally, CO_2 monitoring is a good proxy of the ventilation of a shared indoor space. Proper ventilation of indoor spaces can help to mitigate the spread of respiratory diseases. CO_2 is a gas produced when people exhale, so its concentration is an indicator of insufficient ventilation[4].

Whether it's for general well-being or protection against airborne viruses, an Aranet4 offers clear warnings whenever indoor air quality declines.

[1] aranet.com/library/harvardstudyco2
[2] aranet.com/library/epahumidityguidelines
[3] aranet.com/library/whotemperatureguidelines
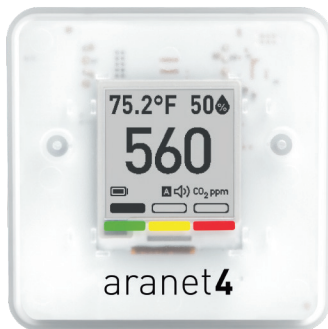[4] tinyurl.com/FAQ-aerosols

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What is the difference between Aranet4 HOME and Aranet4 PRO?

Aranet4 Home

FOR A SINGLE, PRIVATE
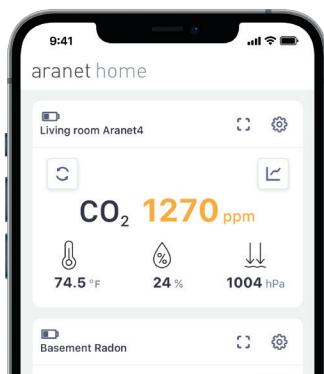USER IN STANDALONE MODE

75.2°F 50%
560
CO₂ ppm

aranet4

Standalone device

The ideal choice for monitoring
air quality in a specific location
within your living space.

Receive notifications when
air quality needs improvement.

Connect to our free Aranet Home app
to view and analyze historical data
from all Aranet Home sensors.

High quality, reliable, and
easy to use for everyone.

Aranet4 Pro

FOR PROFESSIONALS – BUSINESSES,
SCHOOLS, OFFICES AND OTHER FACILITIES
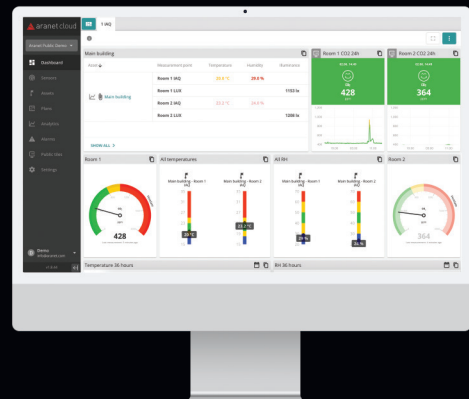
18.1°C 65%
730
CO₂ ppm

aranet4

Ideal for monitoring multiple rooms
and locations continuously.

Works best with Aranet Pro base stations.

Deploy multiple Aranet Pro devices across
different locations, and use Aranet Cloud for
centralized monitoring anytime, anywhere.

Integrate the Aranet Pro system with your
existing building management system and
solutions.

Access our professional tech support.

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digital
version