AIRTHINGS

Wave Plus

Smart indoor air quality **and radon monitor**

DOWNLOADS

🔗 DIGITAL USER MANUAL

Poor air quality inside your home can cause long-term health risks, problems sleeping, irritating respiratory symptoms, and more. It can even impact your cerebral functions causing difficulty focusing and performing to your full potential. Take control of your health and wellbeing at home by taking control of your home's air quality. Airthings Wave Plus is an app-enabled indoor air monitor that measures 6 aspects of air quality including radon, carbon dioxide (CO_2), airborne chemicals (VOCs), humidity, temperature, and air pressure. When you know what's in your air, you have the power to change it for the better.
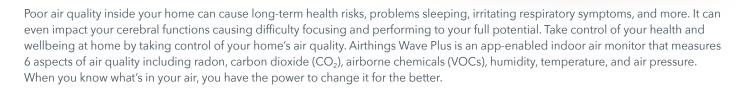
EASY TO SET UP & USE

Setup is a snap and takes just minutes. Wave over the monitor's face for an air quality quick-check or dive into the data in the Airthings Wave app.

6 AIR QUALITY SENSORS

Measures radon, carbon dioxide (CO_2), airborne chemicals (VOCs), humidity, temperature and air pressure.

AIRTHINGS WAVE APP

Free Airthings Wave app gives you easy-to-read data and dynamic graphs, proactive notifications, and tips for improving your home's air.

CABLE-FREE

It's battery-powered so you can place the monitor where you want to and without worrying about the nearest electrical outlet.

MULTI-ROOM

Combine with other Airthings monitors for multi-room monitoring. Get 24/7 access to live data when you pair it with an Airthings Hub device.*

5-YEAR WARRANTY

We stand behind our product quality and the importance of long-term monitoring. Register to extend your standard product warranty to 5 years.

PRODUCT FEATURES

SENSORS

Radon, carbon dioxide (CO_2), airborne chemicals (VOCs), humidity, temperature, and air pressure.

VISUAL AIR QUALITY INDICATOR

Wave over the monitor's face to activate the color-coded glow light indicator.

LONG BATTERY LIFE

Battery life varies depending on connectivity.

Bluetooth LE: up to 16 months

SmartLink: up to 18 months

AIRTHINGS WAVE APP

Bluetooth connectivity with the free mobile app for iOS and Android.

NOTIFICATIONS

Enable/disable notifications sent when air quality declines. Requires hub (Internet) connectivity for best experience.

PACKAGE CONTENT

Wave Plus air quality monitor
2 AA batteries (installed)
Quick start guide
Regulatory booklet
Silica bag
Countersunk screw for wall mounting

INTEGRATIONS**

For audible readings:

amazon alexa   works with the Google Assistant

For home automation:

Works with IFTTT

* Airthings Hub devices include Airthings Hub and any View series monitor.

** Internet connectivity via Airthings Hub device required.

RADON CO_2 VOC   HUMIDITY   TEMP   PRESSURE

AIRTHINGS

ADDITIONAL SPECIFICATIONS

MONITOR PLACEMENT

For indoor use only. Supports wall mounting or placement on table.
For wall-mounting, use one countersunk screw (included).

Optimum placement is breathing height (40-70 in / 110 - 170 cm above floor). Do not mount the monitor over 77 in / 200 cm.

CONNECTIVITY

Bluetooth Low Energy (BLE) used for onboarding and data transfer when the monitor is not linked to an Airthings hub device.

Airthings SmartLink used for monitor-to-hub communications when the monitor is linked to an Airthings Hub.*

REQUIREMENTS

One of the 3 latest major versions of iOS or Android, supporting Bluetooth 4.2 or later. 2 AA batteries (included)

OPERATING CONDITIONS

Temperature: 39°F to 104°F / 4°C to 40°C
Humidity: 0% - 85% (non-condensing)

HARDWARE SPECIFICATIONS

Weight: 7.7 oz / 219 g
Dimensions: 4.7 in (diameter) x 1.4 in (height) / 120 mm (diameter) x 36 mm (height)

PACKAGING

White version:
Weight: 12.2 oz / 346g
Dimensions:
6 x 6 x 1.8 in / 153 x 153 x 46 mm

Black version:
Weight: 9.5 oz / 270g
Dimensions:
5.9 x 6 x 1.8 in / 150 x 152 x 45 mm

SENSOR SPECIFICATIONS

RADON

Alpha spectrometry in a passive diffusion chamber. Sample frequency: 60 min (fixed)
Measurement range:
pCi/L: 0 – 500 / Bq/m^3: 0 – 20,000

Accuracy after 30 days of continuous measuring (based on radon level of 5.4 pCi/L or 200 Bq/m^3):

7-day average: ±10 %
2-month average: ±5 %

CARBON DIOXIDE (CO$_2$)

NDIR Sensor (Non-Dispersive Infra-Red) technology.

Sampling interval: 5 min.
Measurement range: 400–5000 ppm.

Accuracy at 50 - 95°F (10 – 35°C) and up to 80%RH: ±50 ppm ±5% based on ppm of 500-2000

Self-calibrated using an automatic baseline algorithm that updates weekly

Settling time: ~7 days

VOLATILE ORGANIC COMPOUNDS (VOC)

Metal-oxide based gas sensor.

Sampling interval: 5 min.

Measurement range: 0 - 10,000 ppb

Settling time: ~7 days

Self-calibrated using an automatic baseline algorithm that updates continuously based on the cleanest air the sensor is exposed to.

TEMPERATURE & HUMIDITY

Solid state sensor.

Sampling interval: 5 min.

Temperature accuracy:

± 0.9°F at 77°F
± 1.8°F from 32-140°F
± 0.5°C at 25°C
± 1°C from 0-60°C

Humidity accuracy:

± 3.0 % RH at 77°F (25°C) when humidity is 20-80% RH

AIR PRESSURE

Accuracy: ±0.6 mBar/hPa

Measurement range: 500 - 1100 mBar/hPa

RADIO SPECIFICATIONS

BLUETOOTH LOW ENERGY (BLE)

BLE is used for monitor-to-mobile device communications when the monitor is not linked with an Airthings hub device.

Output power: <5 mW
Frequency Range (MHz): 2400.0 - 2483.5

AIRTHINGS SMARTLINK

SmartLink is used for inter-device communications when linked with an Airthings Hub device.

Output power: < 25 mW

Frequency range (MHz):
Europe 868 - 870
North America 902-928
Singapore 920-923
Hong Kong 920-923
Australia 923-928
India: 865 - 867

PRODUCT CODES

White version:
EAN: 7090031109301
UPC: 854232008033
SKU: 2910
Model: 2930
Device serial number: 2930xxxxxx

Black version:
EAN: 7090031109394
UPC: 854232008620
SKU: 2911
Model: 2930
Device serial number: 2930xxxxxx

WANT TO KNOW MORE?

Go to help.airthings.com for in-depth articles written by our customer support experts.

* Airthings Hub devices include Airthings Hub and any View series monitor.

RADON   CO$_2$ VOC   HUMIDITY   TEMP   PRESSURE