



Wave Plus

Radon and Indoor Air Quality Monitor



DOWNLOADS



We spend 90% of our time indoors where the air is often 2 to 5 times worse than the air outside. Continuous monitoring of indoor air quality is key for minimizing negative health effects, preventing illness and increasing productivity, energy and good health. Airthings, air quality specialists and experts in radon, created the Airthings Wave Plus as the first smart air quality monitor with radon detection. Wave Plus has since won multiple awards for consumer electronics, innovation and was among the 2019 TIME Magazine inventions of the year. It is the perfect solution for homeowners to gain full visibility into six indoor air factors; radon, carbon dioxide (CO₂), airborne chemicals (TVOCs), humidity, temperature and air pressure. Airthings Wave Plus includes a free app (iOS/Android) and an online dashboard with advanced analytics.

AIRTHINGS DASHBOARD

The Airthings Wave App and online dashboard provide a quick and easy solution to view, compare and export data for your particular needs. Users have complete access to interpretations of IAQ data and tips to reduce indoor air hazards, optimize ventilation and save energy.

EASY INSTALLATION WITH APP

To install the Wave Plus simply download the Airthings Wave App, pull the battery tab, mount it to the wall or ceiling, and follow the easy instructions in the app to register your device. In addition, simply wave in front of the device to receive a color-coded visual indicator of the overall air quality.

PRODUCT FEATURES

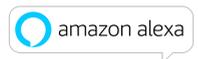
- Sensors: Radon, CO₂, TVOC, Temp, Humidity & Air Pressure
- Visual indicator: Red/Yellow/Green glow ring
- Long battery life:
 - Bluetooth: 16 months
 - SmartLink (Hub): 18 months
- Supports wall or ceiling mount
- Free mobile app for iOS and Android
- Web dashboard
- Mobile notifications
- Wireless connection (Bluetooth or Airthings SmartLink)

ADDITIONAL SPECIFICATIONS

- Operational Environment: 4°C to 40°C
- Weight: 219g (with batteries)
- Dimensions: 12 cm (diameter) x 3.6 cm (height)
- Power: 2 AA batteries
- Connectivity: Bluetooth & Airthings SmartLink

IAQ SENSOR SPECIFICATIONS INTEGRATIONS

- Sensor sampling interval: 5 minutes
- Sensor Resolution:
 - Temperature \pm 0.1°C / F
 - Humidity \pm 1%
 - Pressure \pm 0.15hPa
- Settling time:
 - TVOC ~7 days
 - CO₂ ~7 days
- CO₂ details:
 - NDIR Sensor (Non-Dispersive Infra-Red):
 - Measurement range 400–5000 ppm
 - Non condensing 0 – 85%RH
 - Optimum Accuracy \pm 30ppm \pm 3% within 15 – 35°C / 60 - 95°F
 - and 0 – 80%RH can be reached after multiple settling cycles on locations with natural indoor CO₂ fluctuations



RADON SPECIFICATIONS

- Radon sampling: Passive diffusion chamber
- Detection method: Alpha spectrometry
- Measurement range: 0 – 500 pCi/L / 0 – 20,000 Bq/m³
- Accuracy/precision at 5.4 pCi/L / 200 Bq/m³:
 - After 7 days ~ 10 %
 - After 2 months ~ 5 %

ADDITIONAL INFORMATION

PACKAGE CONTENT

- Air Quality Detector
- 2 AA batteries
- Instruction Manual

PRODUCT CODES

- EAN: 7090031109301
- UPC: 854232008033
- SKU: 2910

REQUIREMENTS

- One of the 3 latest major versions of iOS or Android, supporting

PACKAGE

- Weight: 346g / 12.2 oz
- Dimension: 153x153x46mm / 6x6x1.8



RADON



TVOC



CO₂



HUMIDITY



TEMP



PRESSURE