



# Wave Plus

## Smart Indoor Air Quality Monitor with Radon Detection



### DOWNLOADS



We spend 90% of our time indoors. Measuring our Indoor Air Quality (IAQ) is one of the most important steps we can take in preventing illness and increasing productivity, energy and good health. Airthings, the IAQ specialists and experts in Radon, created the Airthings Wave Plus—the first smart IAQ monitor with Radon detection, designed for homes and all populated spaces. It is the perfect solution for homeowners, employers and facility managers to gain full visibility into six indoor air factors; Radon, carbon dioxide (CO<sub>2</sub>), airborne chemicals (TVOCs), humidity, temperature and air pressure. Airthings Wave Plus includes a free app (iOS/Android) and an online dashboard with advanced analytics options.

### AIRTHINGS DASHBOARD

Continuous monitoring of your Indoor Air Quality is necessary to minimize potential health effects. The Airthings 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 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, CO<sub>2</sub>, TVOC, Temp, Humidity & Air Pressure
- Visual indicator: Red/Yellow/Green glow ring
- Long battery life:
  - Bluetooth: 16 months
  - SmartLink (Hub): 18 months
  - Future low power mode: TBD months
- Supports wall or ceiling mount
- Free mobile app for iOS and Android
- Web dashboard
- Mobile notifications
- Wireless connection (Bluetooth or Airthings SmartLink)

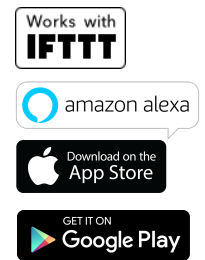
### ADDITIONAL SPECIFICATIONS

- 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

- Sensor sampling interval: 5 minutes
- Sensor Resolution:
  - Temperature  $\pm 0.1^{\circ}\text{C}$
  - Humidity  $\pm 1\%$
  - Pressure  $\pm 0.15\text{hPa}$
- Settling time:
  - TVOC  $\sim 7$  days
  - CO<sub>2</sub>  $\sim 7$  days
- CO<sub>2</sub> details:
  - NDIR Sensor (Non-Dispersive Infra-Red)
  - Measurement range 400–5000 ppm
  - Non condensing 0 – 85%RH
  - Optimum Accuracy  $\pm 30\text{ppm} \pm 3\%$  within 15 – 35°C and 0 – 80%RH can be reached after multiple settling cycles on locations with natural indoor CO<sub>2</sub> fluctuations

### INTEGRATIONS



### RADON SPECIFICATIONS

- Radon sampling: Passive diffusion chamber
- Detection method: Alpha spectrometry
- Measurement range: 0 – 9999 Bq/m<sup>3</sup>
- Accuracy/precision at 200 Bq/m<sup>3</sup>:
  - After 7 days  $\sim 10\%$
  - After 2 months  $\sim 5\%$

### ADDITIONAL INFORMATION

#### PACKAGE CONTENT

- Air Quality Detector
- 2 AA batteries
- Instruction Manual
- Mounting screw

#### PRODUCT CODES

- EAN: 7090031109301
- SKU: 2910
- MODEL: 2930

#### REQUIREMENTS

- iOS 10 or newer / Android 6 or newer, supporting Bluetooth 4.2 or later

#### PACKAGE

- Weight: 346g
- Dimension: 153x153x46mm

