



# Wave Plus

Smart radon detector with Indoor Air Quality sensors



## 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 all populated spaces. It is the perfect solution for building managers, employers and homeowners to gain full visibility into three serious indoor air pollutants; Radon, Carbon Dioxide (CO<sub>2</sub>) and Volatile Organic Compounds (VOCs). Airthings Wave Plus includes a free app (iOS/Android) and an online dashboard with advanced analytics options.

### ALL THE SENSORS YOU NEED

Airthings Wave Plus gives you short- and long-term visibility into your overall Indoor Air Quality as well as detailed views of temperature, air pressure, humidity, VOCs, CO<sub>2</sub> and Radon. Easily measure levels in any office, school, multi-unit dwelling, public space or home.

### INCREASE OVERALL HEALTH

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. 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>, VOC, Temp, Humidity & Air Pressure  
Presence indicator  
Visual indicator: Red/Yellow/Green glow ring  
Long battery life:  
Bluetooth: >2 years  
SmartLink (Hub): > 3 years  
Supports wall or ceiling mount  
Free mobile app for iOS and Android  
Web dashboard  
Mobile and email 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 3.5 cm (height)  
Power: 2 AA batteries  
Connectivity: Bluetooth & Airthings SmartLink

## ADDITIONAL INFORMATION

### PACKAGE CONTENT

Air Quality Detector  
2 AA batteries  
Instruction Manual  
Mounting screw

### EASY INSTALLATION

All Airthings products are designed with the customer in mind. To install the Wave Plus just download the Airthings App, pull the battery tab, mount it to the wall or ceiling, and follow the simple instructions in the app to register your device.

### AIRTHINGS ECOSYSTEM

View your data remotely and bring one or more devices online with the addition of Airthings Hub. The Hub is the heart of the Airthings Ecosystem—the most innovative solution for professionals and homeowners to take control of their IAQ. Connect with either Ethernet or an integrated cellular option.

### 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:  
VOC < 3 days  
CO<sub>2</sub> < 2 minutes

### RADON SPECIFICATIONS

Radon sampling: Passive diffusion chamber  
Detection method: Alpha spectrometry  
Measurement range: 0 – 9999 Bq/m<sup>3</sup>  
Accuracy: After 7 days:  $\sigma < 10\%$  at 100 Bq/m<sup>3</sup>  
After 2 months:  $\sigma < 5\%$  at 100 Bq/m<sup>3</sup>

### REQUIREMENTS

iOS / Android device supporting  
Bluetooth 4.2 or newer