








WAVE ENHANCE

Smart indoor air quality monitor



Where restful sleep and the ability to focus are essential

Great for bedrooms and home offices. Airthings Wave Enhance is a compact, discreet, battery-operated monitor that tracks carbon dioxide (CO₂), airborne chemicals (VOCs), humidity, temperature and air pressure. Healthy levels of CO₂ in the air help you to be at your best by promoting restful sleep and the ability to stay focused and perform. And because it also tracks ambient light and noise levels, it's an especially smart choice for bedrooms and home offices. Forget about power cables, it runs on batteries (and they're included!). Check all your air quality information in the Airthings app which synchronizes with the monitor via Bluetooth.

 CO ₂	 VOC	 HUMIDITY	 TEMP	 PRESSURE	 AMBIENT NOISE	 LIGHT
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Highlights

EASY TO SETUP & USE

Setup is a snap and takes just minutes. The intuitive Airthings app makes analyzing air quality information simple.

5 AIR QUALITY SENSORS

Features a carbon dioxide (CO₂) sensor plus sensors that measure airborne chemicals (VOCs), humidity, temperature and air pressure. Also tracks ambient noise and light.

AIRTHINGS APP

The Airthings app delivers easy-to-read data and graphs, proactive notifications, and air quality tips. Available for iOS and Android.

CABLE-FREE

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

FOCUS ON SLEEP

Discover how the bedroom's air impacts your sleep. The at-a-glance report shows the conditions while you slept, so you can make changes to promote restful sleep.

MULTI-ROOM

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

TREND ANALYSIS

Look back at your sensor readings over weeks and months to identify trends or see how new habits have improved your air quality.

UNDERSTATED & DISCREET

Thoughtfully discreet with silent operation and no blinking lights. Compact, matte-white design makes it an easy addition to any space.

5-YEAR WARRANTY

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

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

Product features

AIR QUALITY SENSORS	CO ₂ , VOCs, Humidity, Temperature, Pressure Other Sensors: Ambient noise, Light
LONG BATTERY LIFE	Battery life varies depending on connectivity Bluetooth LE: up to 14 months Airthings SmartLink (hub-connected): up to 20 months
TOUCH BUTTON FOR QUICK-CHECKS	Capacitive touch button to activate glow light indicator.
AIRTHINGS APP & WEB DASHBOARD	Mobile app for iOS and Android. Web dashboard also available for in-depth data analysis.
WALL MOUNTING & PLACEMENT	Supports wall mounting or placement on table. Includes built-in table stand. Optimum placement is breathing height 40 - 70 in (110 - 170 cm) above floor. Do not mount the monitor over 6 ft 5 in (200 cm). Double-sided tape for wall mount included in the box. Alternatively, use two countersunk screws (not included).
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 monitor is linked to an Airthings hub device.*

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

Additional specifications

AIRTHINGS APP REQUIREMENTS	Internet-connected smartphone with one of the 3 latest major versions of iOS or Android, supporting Bluetooth 4.2 or later.	
OPERATING CONDITIONS	Temperature: 32 °F - 113 °F (0 °C - 45 °C) Humidity: 5% - 95% (non-condensing)	
PRODUCT SPECIFICATIONS	Weight: 3.4 oz (98 g) (with batteries) Dimensions: 3.15 in diameter and 1.06 in thickness (80 mm diameter and 27 mm thickness) Power: 2 AA alkaline batteries (included)	
PACKAGE SPECIFICATIONS	Weight: 5.4 oz (154 g) Dimensions: 4.5 x 4.1 x 1.4 in (115 x 105 x 36 mm)	
PACKAGE CONTENT	Wave Enhance air quality monitor 2 AA batteries (installed) Quick Start Guide Regulatory booklet 2 strips of double-sided tape	
WAVE ENHANCE PRODUCT CODES	FOR NORTH AMERICA EAN: 7090031100223 UPC: 854232008590 SKU: 3220 Model: 322 Device serial number: 322xxxxxxx	FOR EUROPE EAN: 7090031100216 UPC: 854232008583 SKU: 3210 Model: 321 Device serial number: 321xxxxxxx

INTEGRATIONS**

AUDIBLE READINGS



HOME AUTOMATION



** Only available when the monitor is linked to an Airthings hub device.

Sensor specifications

CARBON DIOXIDE (CO₂)	NDIR Sensor (Non-Dispersive Infra-Red) technology. Sampling interval: 5 min. Measurement range: 400–5000 ppm. Accuracy: ±50 ppm ±5%. Accuracy range: Within 500 - 2000ppm, 50 - 95 °F (10 – 35 °C), and 0 – 85 % RH. Self-calibrated using an automatic baseline algorithm that updates weekly.
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.
HUMIDITY & TEMPERATURE	Solid state sensor. Sampling interval: 5 min. Humidity accuracy: ± 3.0 % RH Temperature accuracy: ± 1 °F (± 0.5 °C)
AIR PRESSURE	Absolute accuracy: ± 30 Pa Unit-to-unit accuracy: ± 10 Pa Operating range for full accuracy: 300 - 1250 hPa
AMBIENT NOISE	MEMS-based sound level sensor measuring noise, or loudness, in decibels (dBA). This is not a recording device. Sampling interval: 6 sec.
LIGHT	Photodiode-based digital light sensor. Factory calibrated to measure light intensity in lux.

Radio specifications

BLUETOOTH LOW ENERGY (BLE)	Output power: <5 mW Frequency Range (MHz): 2400.0 - 2483.5
AIRTHINGS SMARTLINK	Output power: <25 mW Frequency range (MHz): Europe 868 - 870, North America 902-928
