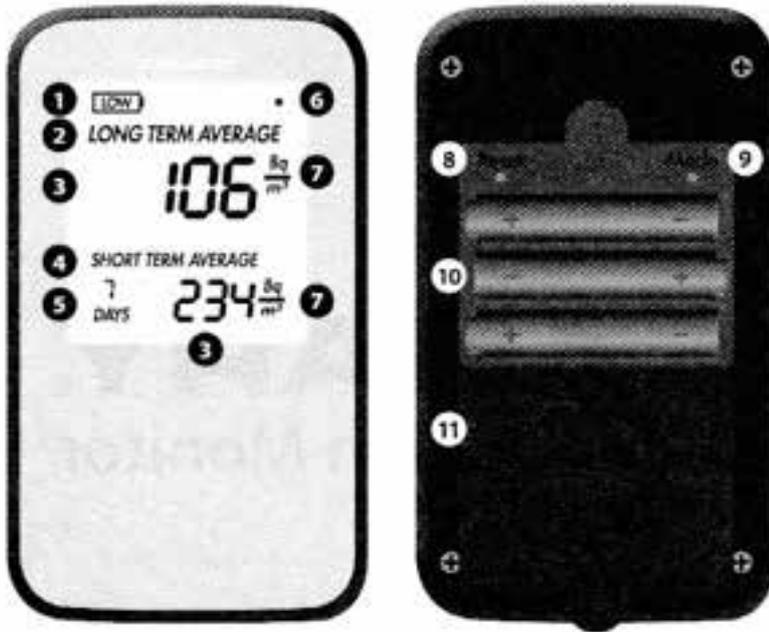


## How to use an Airthings Home (Corentium Canary) Electronic monitor



The menu options may differ from what is illustrated.

### Key

- |  |   |
|--|---|
| <ol style="list-style-type: none"> <li>1. Indicator for low battery level. Replace batteries when lit.</li> <li>2. 'LONG TERM AVERAGE' measurement mode</li> <li>3. Measured value</li> <li>4. 'SHORT TERM AVERAGE' measurement mode</li> <li>5. Measurement period for short term average. Alternates between 1 and 7 days.</li> <li>6. Indicator for measurement. The unit is active when flashing.</li> </ol> | <ol style="list-style-type: none"> <li>7. Unit of measurement: <math>Bq\ m^{-3}</math></li> <li>8. 'RESET'. Used to start a new measurement period. WARNING: Deletes all stored data!</li> <li>9. 'MODE'. Displays the number of days since the previous reset in section 5 on the display.</li> <li>10. Battery compartment for 3 x LR03, alkaline batteries.</li> <li>11. Battery cover.</li> </ol> |
|--|---|

### Safety

Avoid subjecting the unit to shock, impact, pressure, vibrations, dust or moisture. Condensation can occur if the unit is moved from a location with high atmospheric humidity to a cold location. If condensation occurs, remove the batteries and leave the unit in a dry environment for 2 hours. The unit must not be exposed to direct sunlight for extended periods. The unit must be stored under dry conditions, if possible together with a desiccant such as silica gel.

Use only batteries of type LR3, alkaline AAA batteries. The batteries must not be exposed to fire or other extreme heat. The battery terminal must not be touched, and they must be kept free from dust, sand, liquids and other foreign objects.

## Getting Started

1. Insert the supplied batteries. Measurement will start automatically after about 3 minutes. This is indicated by a flashing measurement indicator at the top right of the screen.
2. If the screen displays the error message 'Err' and a number: press the RESET button, remove the batteries and put them back in.
3. Position the unit in a living area (for example a bedroom or living room), and in a location that is representative of the air that is breathed in this room.

The unit should not be exposed to direct sunlight or electromagnetic radiation; it should be positioned lying flat at least 25cm from the nearest wall, at least 50cm above the floor, and at least 150cm from the nearest door, window or ventilation device.

To permit self-calibration, the unit should remain untouched for the first few minutes after start-up.

N.B.: Dependent on the radon level, expect a few hours before the display shows other than  $0\text{Bqm}^{-3}$ . During the first few days, the reading should be regarded only as an indication of the radon level.

## How To Use The Canary

- The long term average (LONG TERM AVERAGE) is the average radon value over the last year (updated once every 24 hours).
- The short term average (SHORT TERM AVERAGE) alternates between showing the radon value over the last day (1 DAY – updated every hour) and over the last 7 days (7 DAYS – updated once every 24 hours).
- The long term average is used to identify and potential health risk. The short term average is used primarily to see the effect of measures to reduce radon level – for example by increasing the ventilation.

The building can be diagnosed by taking measurements for one week in all living areas, such as living rooms and bedrooms. This should preferably be followed by long term measurement in the room which has the highest radon value. For long term measurement period and action level we recommend that you follow the guidelines from Public Health England.

The **RESET** button is used when the monitor is moved in order to take a new measurement. This deletes all stored radon data. Remember to note the previous measurement before using the reset button.

The **MODE** button is used to obtain information on how many days measurements have been taken since the monitor was started for the first time, or since the reset button was last depressed. This information is displayed on the lower half of the screen for 20 seconds, after which the screen reverts to the regular display.

It is recommended that the monitor is activated continuously, and that the batteries are not removed. The batteries last for about 3 years, and they can be replaced without stored data being deleted.



For Further information  
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