LIMITED WARRANTY

To the consumer, Guardian Technologies LLC warrants this product to be free of defects in materials or workmanship commencing upon the date of the original purchase. In order to be eligible for this Limited Warranty, an original sales receipt or comparable substitute proof of purchase bearing the date of original purchase is required. Refer to the original product carton or specific product/model page on the Guardian Technologies website for warranty length for your particular model. This warranty applies only to the original purchaser of this product from the original date of purchase. This warranty covers product purchased from authorized distributors only.

This warranty applies to repair or replacement of product found to be defective in materials or workmanship. This warranty does not apply to damage resulting from unusual wear, commercial, abusive, unreasonable use or supplemental damage. This warranty does not cover damage from unauthorized repairs or from any use not in accordance with the instruction manual. Defects that are the result of normal wear and tear will not be considered manufacturing defects under this warranty.

If this product should become defective within the warranty period, we will repair or replace any defective parts free of charge. All warranty repairs must be completed by Guardian Technologies LLC. This warranty gives you specific legal rights and you may also have other rights (other rights may vary from state to state in the U.S.A.)

To submit product under warranty the complete machine must be delivered pre-paid to Guardian Technologies LLC. Please include complete information including: the problem, the model number of the product, the day of purchase, and a copy of the original sales receipt along with your name, address, and telephone (email optional). Address returns to the attention of: Customer Service, at the address below. Additional questions or comments can be made toll free to the number listed below.

USA and Canada
Guardian Technologies LLC
26251 Bluestone Blvd.
Euclid, Ohio 44132
1.866.603.5900
www.guardiantechnologies.com

Please go to www.guardiantechnologies.com to register your product. We consider the registration process important to ensuring superior service to our customers, however submitting the warranty registration is optional and does not affect your rights to utilize this warranty according to the conditions stated above.

Additional copies of the instruction manual can be obtained by accessing and printing directly from our website or calling customer service.

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USER MANUAL
Smart Air Quality Monitor

Model No. AQM101

Questions? Contact us!
1.866.603.5900 • guardiantechnologies.com

1-Year Limited Warranty

Date Purchased

Month _____ Year _____

(Keep Receipt)

READ AND SAVE THESE INSTRUCTIONS BEFORE USING THE PRODUCT

WARNINGS

**Failure to comply with the warnings listed below may
result in electric shock or serious injury.**

⚠ This product should be used only in accordance with the specifications outlined in this manual. Usage other than what has been specified here may result in serious injury.

When using electrical appliances, basic precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

• Read all instructions before using appliance.

• **WARNING:** To reduce the risk of fire or electric shock do not use with an extension cord.

• To avoid fire or shock hazard, plug the appliance directly into a 120V AC electrical outlet.

• Do not use outdoors, for indoor use only.

• For proper air flow, locate the unit at least 4 inches from any wall or furniture.

• Keep the cord out of heavy traffic areas. To avoid fire hazard, NEVER put the cord under rugs, near heat registers, radiator, stoves, or heaters.

• To protect against electrical hazards, DO NOT immerse in water or other liquids. Do not use near water.

• NEVER drop or insert any object into any openings.

• DO NOT run cord under carpeting.

• DO NOT cover cord with throw rugs, runners, or similar coverings.

• DO NOT route cord under furniture or appliances. Arrange cord away from traffic area and where it will not be tripped over.

• DO NOT operate any appliance with a damaged cord or plug or if it has been dropped or damaged in any manner. Call Customer Service for assistance

• Use appliance only for intended household use as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons.

• DO NOT attempt to repair or adjust any electrical or mechanical functions on this unit. Doing so will void your warranty. The inside of the unit contains no user serviceable parts. All servicing should be performed by qualified personnel only.

• **CAUTION:** Do NOT use gasoline, benzene, thinner, harsh cleaners, etc. on and/or in the unit while cleaning as they will damage the product. NEVER use alcohol or other solvents.

• Use designated adapter or go to guardiantechnologies.com for additional adapters.

• The device only supports 2.4GHz connections.

• IP20

⚠ **WARNING:** Cancer or Reproductive Harm.
For more information go to www.P65Warnings.ca.gov.

FC This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

FCC Radiation Exposure Statement: This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, Human proximity to the antenna shall not be less than 20 cm (8 inches) during operation.

HOW IT WORKS

The AQM101 has 4 sensors (Temperature, Relative Humidity, TVOC, and PM2.5) which a fan draws room air across and then their values are displayed on the screen. The TVOC and PM2.5 sensors are used to determine the overall AQI and the display screen will change colors, indicating the air quality level in the room. See values and status ranges in chart below.

Light Color	AQI Range	Air Quality Status
Green	0-100	Good
Yellow	101-200	Average
Red	201-500	Poor

It is recommended to run the AQM101 continuously. Opening doors, windows or being close to HVAC vents in the room may affect the accuracy of the device.

Wi-Fi Status Indicator — Time — Indoor/Outdoor

TVOC & PM2.5 — AQI Reading

Temperature (°F) or (°C) — Date

Relative Humidity — On/Off Indoor/Outdoor Toggle

Operation Temperature: 32F-90F (0C-32C)   Operation Humidity: 10-90% RH

DIRECTIONS FOR USE

1. Select a firm, level, and flat location for the air quality monitor.
   • For proper fan air flow, locate the unit at least 6 inches from any wall or furniture.
   • Make sure the fan inlet and outlet are not blocked.

2. Plug the unit into the power adapter, then into an 120V AC electrical outlet.

3. For best results continuous operation is recommended. Allow the unit to run for 2-3 minutes to calibrate the sensors before reading for better accuracy.

4. Download and open the Aria™ application on your mobile device.

5. Hold down the button on the front of the screen for 5 seconds or until the wifi icon in the top left of the display flashes.

6. Complete the on-screen instructions to complete pairing process. For more information go to guardiantechnologies.com

7. By pressing the button on the display you can alternate between the indoor and outdoor air quality information. Outdoor information is only available once the device is paired to the application.

8. Hold down the button on the front of the screen for 10 seconds to turn OFF the unit. To turn the unit back on, simply hold down the button for 3 seconds.

CLEANING

If device starts to show an inaccurate number, blow compressed air into the back vent holes.

TROUBLESHOOTING GUIDE

PROBLEM	SOLUTION
Unit isn't showing accurate numbers.	Make sure the unit is properly placed within the room, not near open windows, doors or HVAC vents. Unplug the unit and plug it back in and wait 2-3 minutes for it to calibrate. Using compressed air, blow out the air quality monitor sensor.

Aria App isn't connecting to the Air Quality Monitor.	1. **Verify the WIFI network:** Ensure that your phone is connected to your Wi-Fi. Connect your phone to the 2.4GHz band of your router. If your Wi-Fi only shows one network, connect to that one. If one of your Wi-Fi networks have a 2, 2.4 or 2G at the end, connect to that one.
	
	2. **Reset Air Quality Monitor:** Make sure the Wi-Fi icon on the top left of the Air Quality Monitor screen is flashing. If it is not, press and hold the power button for 5 seconds or until Wi-Fi icon starts flashing.
	
	3. **Wi-Fi Signal Strength:** If you notice that the Wi-Fi signal is intermittently flashing, this could mean that the device is periodically disconnecting from your router. Move the Air Quality Monitor closer to your Wi-Fi router to see if it improves the connection. If the issue persists, consider using a Wi-Fi range extender or repositioning your router.
	
	4. **Contact customer support:** If none of the above steps work, reach out to our customer support team.
	
	5. **Phone Access:** Below are the permissions you need to give during the installation process:
	
	   a. Location Access: Allowing location access enables features like geofencing, which allows you to automate product features based on your location. It may also be required for certain device functions or compatibility with location-based services.
	
	   b. Storage Access: Granting access to your device's storage enables the Aria for Home app to save and retrieve data, including device settings, configurations, and firmware updates. It also allows you to upload and manage custom photos and videos for your devices.
	
	   c. Bluetooth Access: If you have Bluetooth-enabled devices, granting Bluetooth access enables the app to discover and connect to those devices for setup, control, and automation purposes.
	
	   d. Notification Access: Enabling notification access allows the app to display r elevant notifications related to device status, alarms, reminders, and other important information.
	
	   e. Background App Refresh (iOS) / Run in Background (Android): This permission allows the app to run in the background and continue to function even when you're not actively using it. It ensures that you receive real-time updates and notifications from your devices.

Can't find the Aria App in the App Store.	Search "Aria for Home" in your app store. OS compatibility: Android 4.4 or higher iOS 10.0 or higher.

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